

Product Catalog 2018/2019.



YES!



**I WANT
IMPLANTS
FROM DENTAURUM.**

More than 20 years of expertise, reliability and innovation in implantology – worldwide. Say yes!

Dentaurum Group – Quality Made in Germany

For more than 130 years, the name Dentaurum has stood for outstanding quality, continuous innovation and a high level of reliability. Dentaurum Implants, a subsidiary of Dentaurum, follows the same principles in the field of implantology. For more than 20 years, Dentaurum Implants' products have complemented Dentaurum's product portfolio for the orthodontic and prosthetic industry.

Customers from around the globe trust and rely on the products and the services offered by the Dentaurum Group - Made in Germany.

The new Dentaurum Implants product catalog shows the latest innovations in the field of implantology. You will find that we have further refined the clear systematic design and have adapted it to your requirements so you can now find the information relevant to your daily work quickly.

Please contact us directly if you require detailed information on our comprehensive product portfolio, our excellent course offers or our competent services. You can also visit our Online Shop or our website at www.dentaurum.com.

We would like to express our thanks to you for the trust you have placed in us in the past and we are looking forward to continuing to work with you in the future.

With best regards from Ispringen



Mark Stephen Pace

CEO Dentaurum Group



Axel Winkelstroeter

CEO Dentaurum Group

The Dentaureum Group.
Dental competence spanning more than 130 years.



Orthodontics



Implantology



Prosthetics



Ceramics





*Quality is your
demand and our
expertise.*



Dental technology setting standards.

The Dentaaurum Group develops, produces and sells products for dentists and dental technicians worldwide. The variety of products for dental technology, orthodontics and implantology is unique in the dental world. Dentaaurum Implants, a manufacturer of implants, is a subsidiary of Dentaaurum.

Quality inspires confidence.

As the oldest independent dental company in the world, we have worldwide experience with high-quality dental products. Our market success is based on consistent implementation of customer and market demands. This is why we are committed to the constant further development of the company and continuous improvement of the quality of our processes and products.

Service as added value.

There are many reasons for using Dentaaurum Group products both in the dental practice and in the laboratory. Quality is the decisive factor. Our company philosophy is to not only offer high quality products, but to provide additional services as well. For example, we have a wide-ranging training program for new and advanced users with an internationally experienced team of course instructors. Contact us for further information.

High-tech in-house.



There is a high level of professional knowledge in our company that has been built up over the years in our own research and development facilities, both in Germany and in France . Highly qualified employees work together in interdisciplinary teams to find answers to the challenges the future poses. At the same time, long-standing cooperations with experts from universities and clinics contribute to finding new developments and innovations.

A further result of these efforts: a comprehensive product portfolio which is one of Dentaureum's strengths. No other dental company has such an extensive range of products offering a total of more than 8,500 articles.





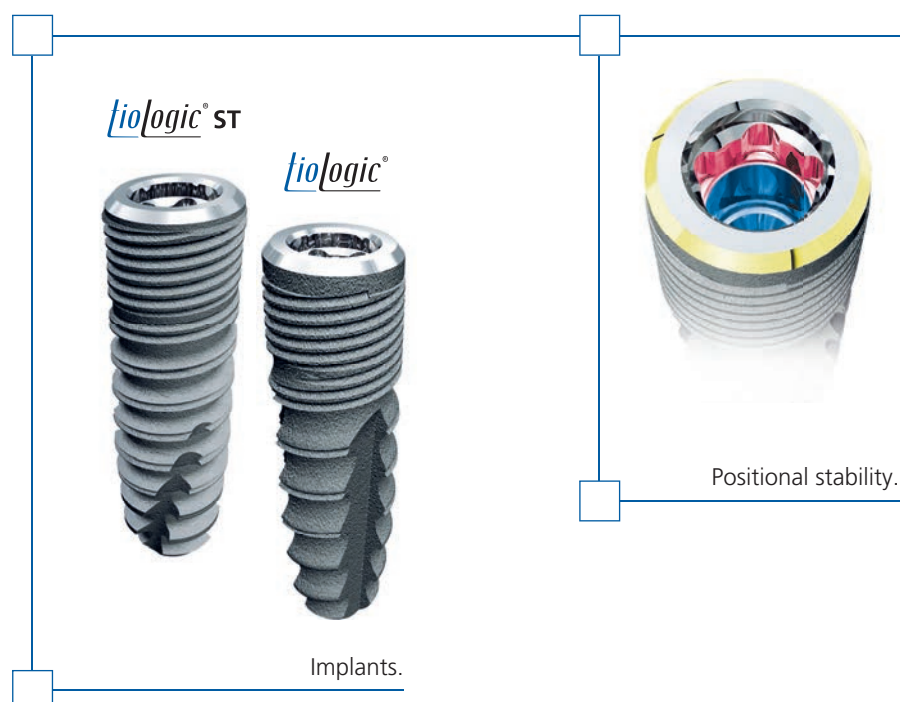
The implant system.

Maximum security.

The implant shape and the thread geometry of the tioLogic® implant are ideally coordinated. This ensures that a uniform, bone-conserving flow of force is created both in the cortical and cancellous bone which, in turn, guarantees high primary stability.

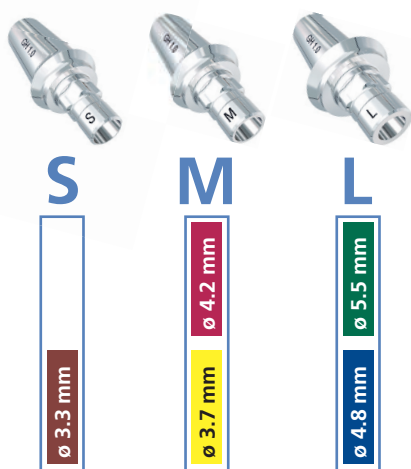
Perfect aesthetics.

The internal PentaStop® rotational security with integrated platform switching provides the optimum conditions for a durable, aesthetically perfect superstructure tailored to the individual requirements of the patients using the tioLogic® implant system.



Easy handling.

The S-M-L concept provides the user with a choice of 5 implant diameters, 5 implant lengths and 3 prosthetic abutment series for the prosthetic restoration.



S-M-L concept.



Surgical tray.

The implant system.

The logical evolution.

Implantology has become an inherent part of dental treatment. Extensive research and development on the one hand, and the comprehensive expertise of dentists and dental technicians on the other, mean implants are today fitted routinely, much to the benefit of the patient.

Dentaurum Implants can look back on more than 20 years of experience in implantology while the parent company Dentaurum has over 130 years' experience in prosthetics. It is on this solid foundation that the tioLogic® implant system is based. In extensive dialog with experts from clinics and dental offices, we combined proven ideas with innovative solutions while considering future demands.

Service.

Needless to say, the hardware behind the tioLogic® concept must be convincing in every respect. The same is true also for the software, support services and advice offered by the supplier. Dentaurum Implants has much to offer the dental team: a competent hotline, comprehensive documentation, a wide range of courses, high-quality materials for keeping patients informed and medical product advisors who can visit on-site.

The factors of success for an implant system.

There are many single factors that, under long-term aspects, make implant treatment a success. As the developer and manufacturer of an implant system, we have no influence on patient-related factors such as oral hygiene. As far as having an influence in the areas of implant design, system concept and the practitioner's affinity for a product are concerned, there are three areas of focus which have proven to be the basic success factors:

Safety. Aesthetics. Handling.

Only when all three factors are equally fulfilled, with demands on safety at the forefront, are the prospects of success at best. This is why special attention was paid to fulfilling the specifications in these three basic areas when the tioLogic® implant system was being developed.

CONCLUSION:
*A convincing concept.
State of the art.*

Maximum security.

It is of fundamental importance for a modern implant system that its safety is convincingly proven and documented in both theory and practice through recognized methods. The tioLogic[®] implant's outer geometry was developed in cooperation with Bonn University. Their comprehensive FEM analyses^{1,2} prove the above-average results for peak strain and distortion levels. The areas thread design, thread geometry and implant form were examined separately.

Perfect aesthetics.

Implant-borne restorations are increasingly preferred to removable or tooth substance-challenging restorations, also in view of improved aesthetics. In this respect, it is important that implants and superstructures provide aesthetically perfect and long-term safe solutions. The design of the inner connection of the tioLogic[®] implants prevents bone collapse and ensures excellent compound stability. The inner geometry was developed using FEM analyses³ and its stability has been proven by long-term durability tests according to ISO⁴ at the Fraunhofer Institute.

Easy handling.

To work economically with a modern implant system, it is imperative that all components are easy, safe and user-friendly.

When designing the tioLogic[®] implant system, some important aspects regarding the handling were realized: color-coding for quick visualization, laser marking(s), an optional integrated depth stop and simple-to-use packaging. The unique S-M-L system provides prosthetics with convincing practice and laboratory-related customization possibilities and clarity.

¹ A. Rahimi, F. Heinemann, A. Jäger, C. Bourauel: Biomechanische Untersuchungen des Einflusses von Geometrievarianten des tioLogic[®] Implantats [Biomechanical analyses of the influence of tioLogic[®] implant geometry variations]; University of Bonn 2006.

² Literaturübersicht (Studien und Publikationen) Dentaforum Implants, REF 989-767-10, 2011.

³ F. O. Kumala: Analyse des tioLogic[®] Implantats mittels FEM (Analysis of the tioLogic[®] implant using FEM); CADFEM Stuttgart 2006.

⁴ R. Schäfer, R. Jaeger, D. Ulrich, U. Köster: Bestimmung der Ermüdungsfestigkeit eines Dentalimplantats (Determination of the fatigue strength of a dental implant); Fraunhofer Institut Werkstoffmechanik Freiburg, Germany, 2006.
DIN EN ISO 14801: 2003, Ermüdungsprüfung für endossale dentale Implantate (Fatigue test for endosseous dental implants), DIN – Deutsches Institut für Normung (German Institute for Standardization), Berlin, Germany.

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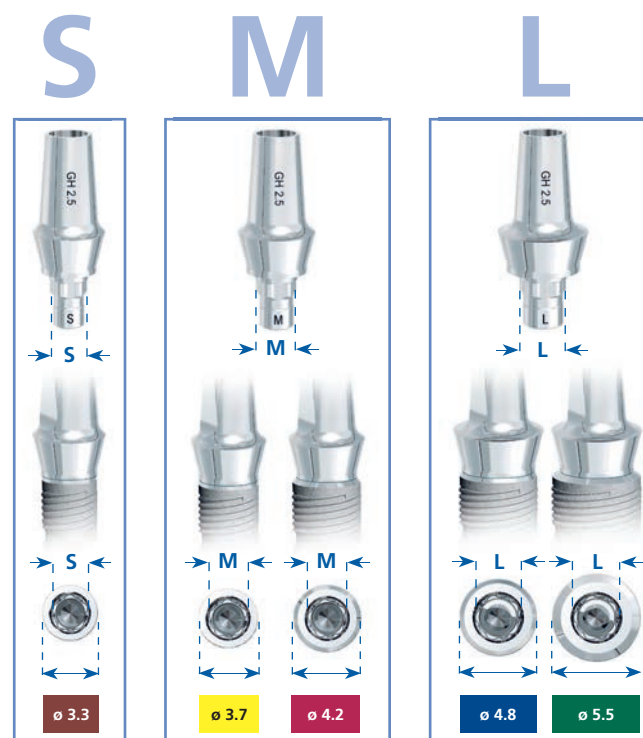
The tioLogic® implant system.

S-M-L concept.

5 implant diameters. **5** implant lengths. **3** series of abutments.

Integrated platform switching.

The optimal grading of implant diameters and lengths ensures that the appropriate implant is used for the indication. Components of the 3 series of abutments are made of plastic (temporaries), titanium and precious metal and include CAD/CAM, bar, ball, bridge, AngleFix, and LOCATOR® abutments. The construction components S are used for the implant diameter 3.3 mm, the construction components M for the implant diameters 3.7 mm and 4.2 mm and the construction components L for the implant diameters 4.8 mm and 5.5 mm. All components are laser-marked with S, M or L for exact identification.



3 series of abutments.

5 implant diameters.

Prosthetic screw



S

M

L

3 series of abutments.



5 implant diameters.

Ø 3.3 mm
tioLogic®

Ø 3.7 mm
tioLogic®

Ø 4.2 mm
tioLogic®

Ø 4.8 mm
tioLogic®

Ø 5.5 mm
tioLogic®

ST

ST

ST

ST

ST

7.0 mm

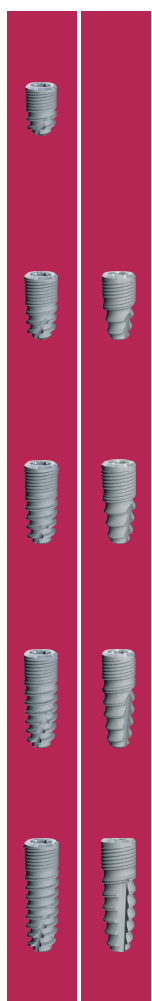
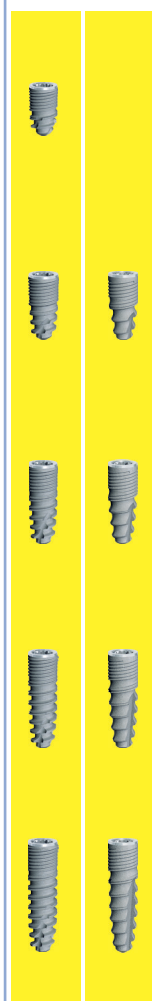
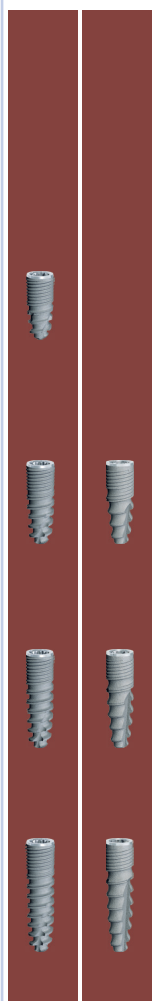
9.0 mm

11.0 mm

13.0 mm

15.0 mm

5 implant lengths.



All abutments and implants on a scale of 1:1.

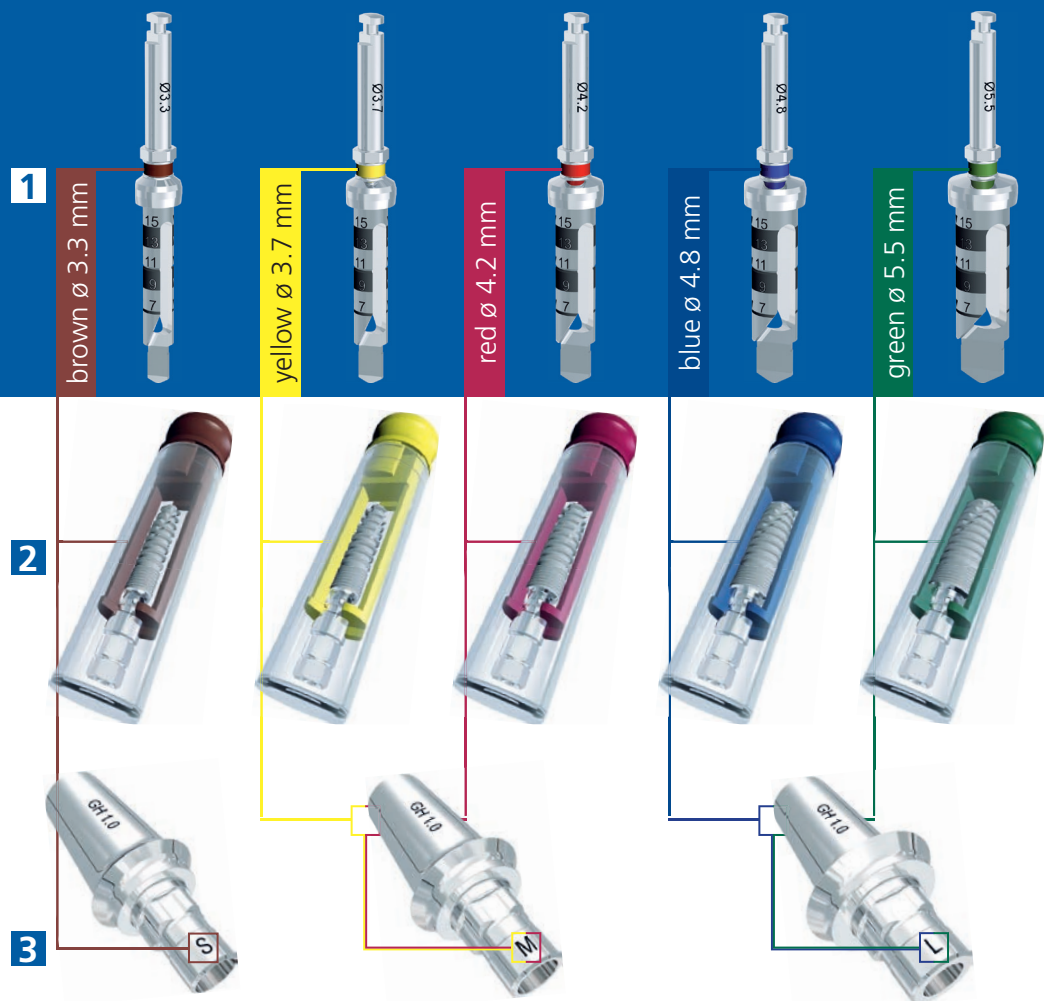
Product identification.

All information – quick, clear identification.

1. Content	tiologic® ST Implantat tioLogic® ST Implant tioLogic® ST		LOT 123456
2. Diameter/Length	Ø 4.2 mm, L 13.0 mm		2020-04-21
3. Order number (REF)	REF 383-142-13		 +E159383142130/##3200421123456V
4. Quantity	1 Stück / piece		
5. Symbol for gamma-sterilization	STERILE R		
6. Identification number of the notified body in accordance with Directive 93/42 EEC	CE 0483		UDI HIBC
7. For single use only			DENTAURUM IMPLANTS GMBH Turnstr. 31 75228 Ispringen Germany Telefon +497231/803-0
8. Do not use if packaging is damaged			
9. Refer to the instructions for use			
10. Sterility expiry date	2020-04-21		11. Batch number (LOT) 123456

All basic information needed by users and assistants is on the label. The pictograms are intuitive and conform to international standards, thus providing a rapid and clear flow of information.

Further labels for the patients' files, the PatientPass and further documentation such as the surgery protocol are also included.



The identification concept of the tioLogic® implant system features an easy, intuitive identification system that provides the operator with maximum reliability. The system uses permanent color coding and clearly legible laser printing.

- 1** Instrument colour coding - all surgical instruments have a different colored ring on the shank for clear identification of the diameter. The color code for the diameter corresponds to that of the implant.
- 2** Implant color coding – the plastic implant holders are color-coded to indicate the relevant diameter.
- 3** S-M-L component laser marking - all components from closure screws and gingiva formers to the impression and prosthetic components are laser-marked with S, M or L to correspond clearly to the respective implant platform.

SURGERY



YES!



I WANT A MODERN IMPLANT SYSTEM.

It is essential that a modern implant system provides the operator with an optimal combination of high flexibility, clear organization, easy handling, efficient technique and maximum safety and reliability.

*io*logic[®] ST



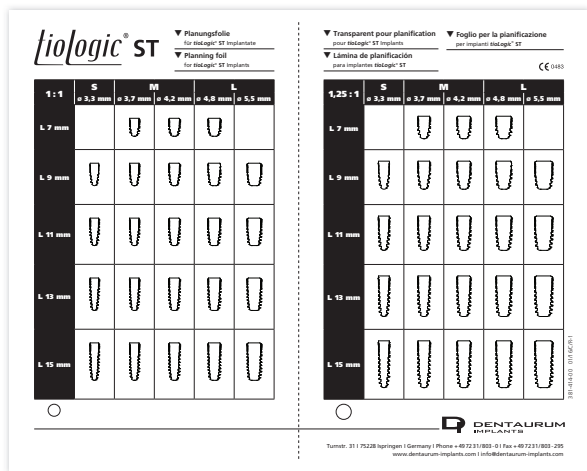
*io*logic[®]



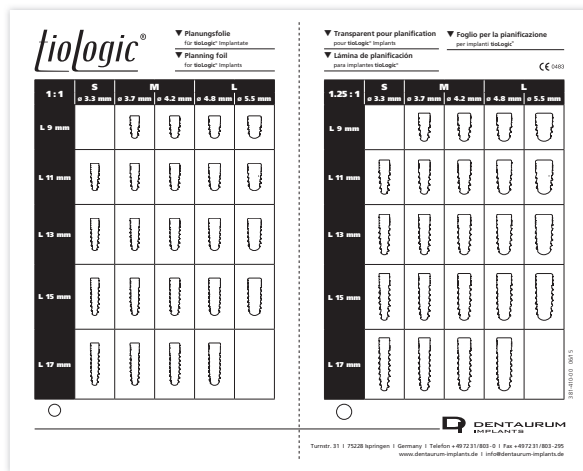
Surgery ■ Planning and diagnosis

■ Planning foils scale 1:1 / 1.25:1

REF 381-414-00 tioLogic® ST

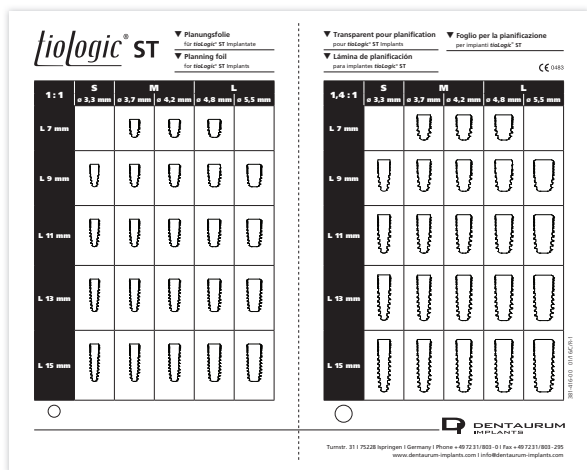


REF 381-410-00 tioLogic®

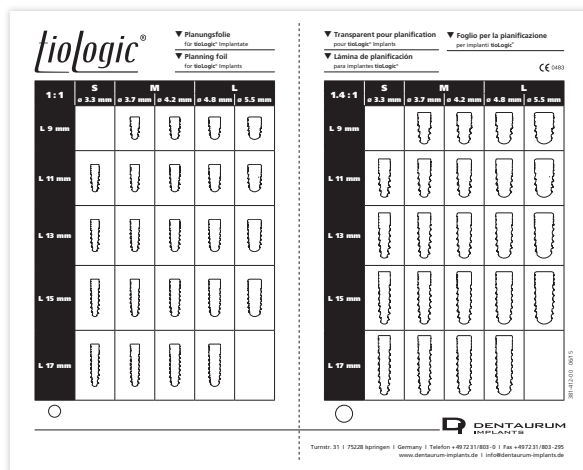


■ Planning foils scale 1:1 / 1.4:1

REF 381-416-00 tioLogic® ST



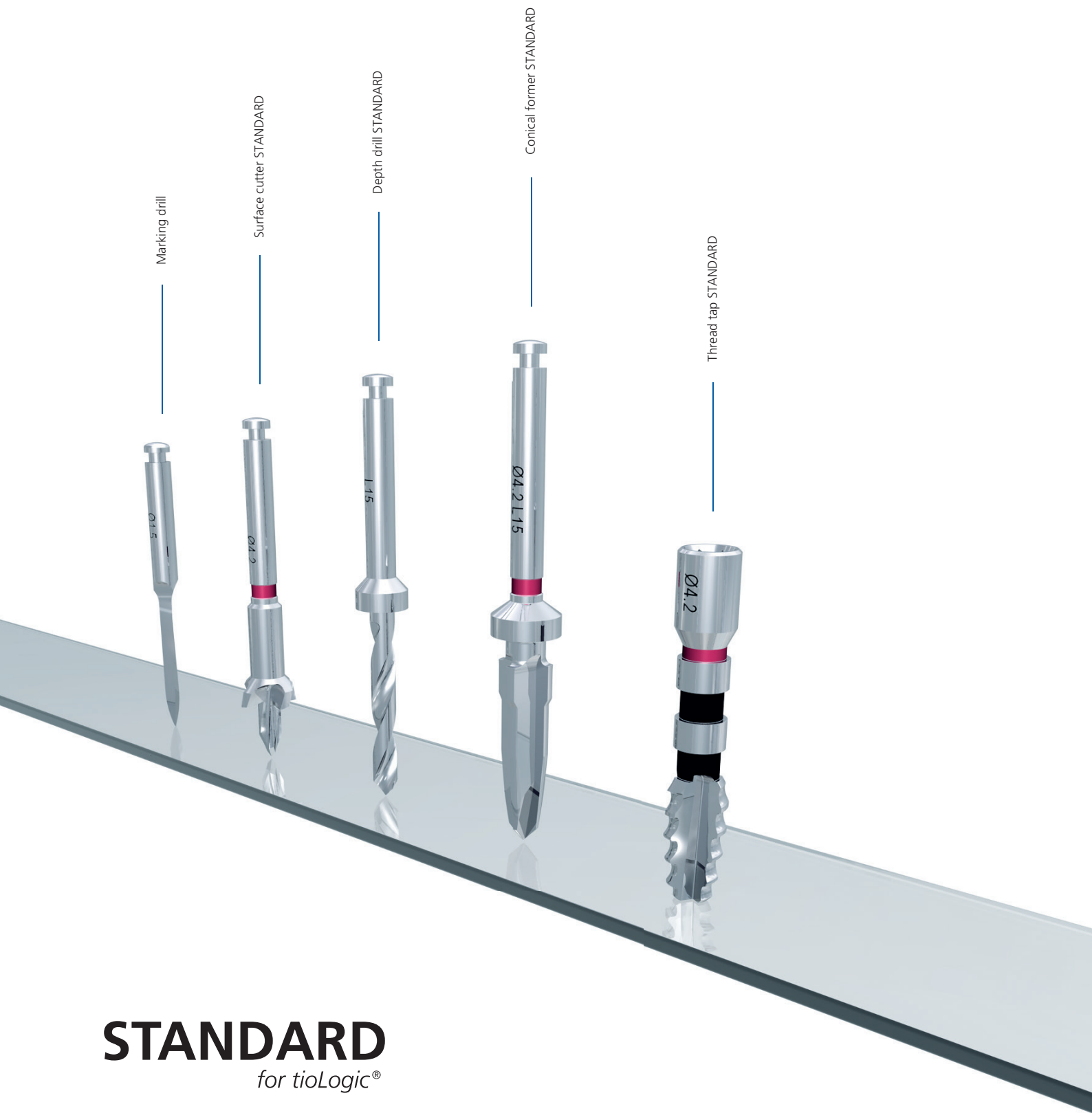
REF 381-412-00 tioLogic®



■ Planning aids

REF 330-560-00		X-ray reference sphere 5 pieces	ø 5.0 mm	
REF 381-420-00		Titanium guide sleeve	ø inner 2.0 mm	L 10.0 mm
REF 381-422-00		Titanium guide sleeve	ø inner 2.0 mm	L 6.0 mm
REF 381-424-00		Pre-drill for guide sleeve L 10.0 mm, resterilizable	ø 2.0 mm	L 21.0 mm
REF 381-426-00		Pre-drill for guide sleeve L 6.0 mm, resterilizable	ø 2.0 mm	L 17.0 mm
REF 381-428-00		Drill for guide sleeve tungsten carbide (prosthetics)	ø shank 3.0 mm	

Surgery ■ Rotating instruments STANDARD for tioLogic®



STANDARD
for tioLogic®

■ Pre-drill, resterilizable

REF 382-015-00		Marking drill	ø 1.5 mm
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■ Surface cutter STANDARD, resterilizable

REF 382-033-00		Surface cutter STANDARD	ø 3.3 mm
REF 382-037-00		Surface cutter STANDARD	ø 3.7 mm
REF 382-042-00		Surface cutter STANDARD	ø 4.2 mm
REF 382-048-00		Surface cutter STANDARD	ø 4.8 mm
REF 382-055-00		Surface cutter STANDARD	ø 5.5 mm

■ Depth drill STANDARD, resterilizable¹

REF 382-020-07		Depth drill STANDARD	ø 2.0 mm	L 7.0 mm
REF 382-020-09		Depth drill STANDARD	ø 2.0 mm	L 9.0 mm
REF 382-020-11		Depth drill STANDARD	ø 2.0 mm	L 11.0 mm
REF 382-020-13		Depth drill STANDARD	ø 2.0 mm	L 13.0 mm
REF 382-020-15		Depth drill STANDARD	ø 2.0 mm	L 15.0 mm

¹ For technical reasons the instruments are 1.4 mm longer than the given preparation length.

Surgery ■ Rotating instruments STANDARD for tioLogic®

■ Conical former STANDARD, resterilizable¹

REF 382-033-09		Conical former STANDARD	ø 3.3 mm	L 9.0 mm
REF 382-033-11		Conical former STANDARD	ø 3.3 mm	L 11.0 mm
REF 382-033-13		Conical former STANDARD	ø 3.3 mm	L 13.0 mm
REF 382-033-15		Conical former STANDARD	ø 3.3 mm	L 15.0 mm
REF 382-037-07		Conical former STANDARD	ø 3.7 mm	L 7.0 mm
REF 382-037-09		Conical former STANDARD	ø 3.7 mm	L 9.0 mm
REF 382-037-11		Conical former STANDARD	ø 3.7 mm	L 11.0 mm
REF 382-037-13		Conical former STANDARD	ø 3.7 mm	L 13.0 mm
REF 382-037-15		Conical former STANDARD	ø 3.7 mm	L 15.0 mm
REF 382-042-07		Conical former STANDARD	ø 4.2 mm	L 7.0 mm
REF 382-042-09		Conical former STANDARD	ø 4.2 mm	L 9.0 mm
REF 382-042-11		Conical former STANDARD	ø 4.2 mm	L 11.0 mm
REF 382-042-13		Conical former STANDARD	ø 4.2 mm	L 13.0 mm
REF 382-042-15		Conical former STANDARD	ø 4.2 mm	L 15.0 mm
REF 382-048-07		Conical former STANDARD	ø 4.8 mm	L 7.0 mm
REF 382-048-09		Conical former STANDARD	ø 4.8 mm	L 9.0 mm
REF 382-048-11		Conical former STANDARD	ø 4.8 mm	L 11.0 mm
REF 382-048-13		Conical former STANDARD	ø 4.8 mm	L 13.0 mm
REF 382-048-15		Conical former STANDARD	ø 4.8 mm	L 15.0 mm
REF 382-055-09		Conical former STANDARD	ø 5.5 mm	L 9.0 mm
REF 382-055-11		Conical former STANDARD	ø 5.5 mm	L 11.0 mm
REF 382-055-13		Conical former STANDARD	ø 5.5 mm	L 13.0 mm
REF 382-055-15		Conical former STANDARD	ø 5.5 mm	L 15.0 mm

¹ For technical reasons the instruments are 1.0 mm longer than the given preparation length.

Rotating instruments STANDARD for tioLogic® ■ Surgery

■ Conical former (dense bone) STANDARD, resterilizable²

REF 382-233-17		Conical former STANDARD (dense bone)	ø 3.3 mm	L 17.0 mm
REF 382-237-17		Conical former STANDARD (dense bone)	ø 3.7 mm	L 17.0 mm
REF 382-242-17		Conical former STANDARD (dense bone)	ø 4.2 mm	L 17.0 mm
REF 382-248-17		Conical former STANDARD (dense bone)	ø 4.8 mm	L 17.0 mm
REF 382-255-17		Conical former STANDARD (dense bone)	ø 5.5 mm	L 17.0 mm

■ Thread tap STANDARD, resterilizable³

REF 382-433-00		Thread tap ⁴ STANDARD	ø 3.3 mm
REF 382-437-00		Thread tap ⁴ STANDARD	ø 3.7 mm
REF 382-442-00		Thread tap ⁴ STANDARD	ø 4.2 mm
REF 382-448-00		Thread tap ⁴ STANDARD	ø 4.8 mm
REF 382-455-00		Thread tap ⁴ STANDARD	ø 5.5 mm

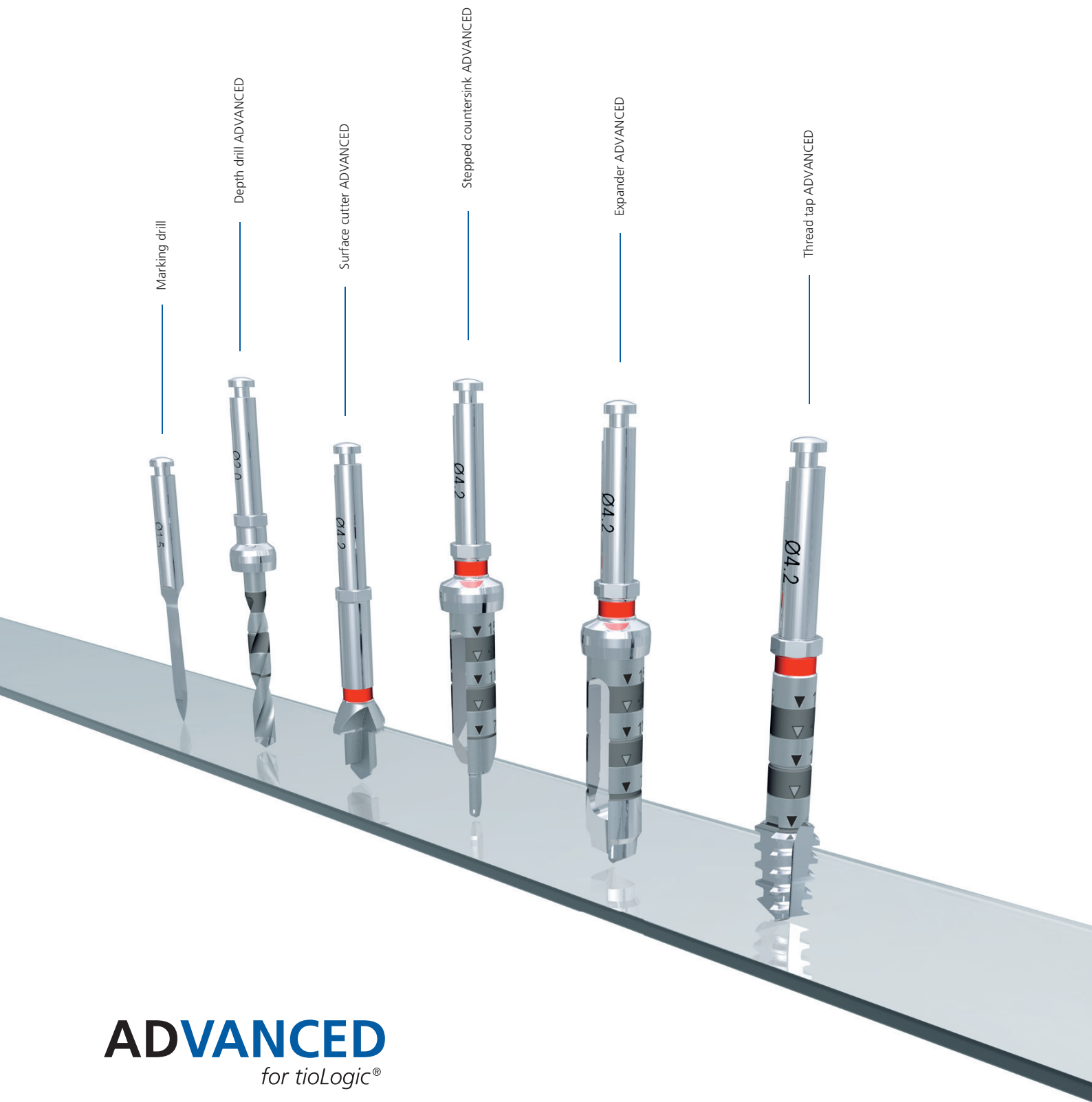
¹ For technical reasons the instruments are 1.4 mm longer than the given preparation length.

² No integrated depth stop for the insertion lengths 7.0/9.0/11.0/13.0/15.0 mm.

³ Without integrated depth stop.

⁴ For use with tioLogic® implants only

Surgery ■ Rotating instruments ADVANCED for tioLogic®



Rotating instruments ADVANCED for tioLogic® ■ Surgery

■ Marking drill ADVANCED, resterilizable¹

REF 382-015-00		Marking drill	ø 1.5 mm
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■ Depth drill ADVANCED, resterilizable¹

REF 382-720-15		Depth drill ADVANCED	ø 2.0 mm	L 17.0 mm
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■ Surface cutter ADVANCED, resterilizable¹

REF 382-733-00		Surface cutter ADVANCED	ø 3.3 mm
REF 382-737-00		Surface cutter ADVANCED	ø 3.7 mm
REF 382-742-00		Surface cutter ADVANCED	ø 4.2 mm
REF 382-748-00		Surface cutter ADVANCED	ø 4.8 mm
REF 382-755-00		Surface cutter ADVANCED	ø 5.5 mm

■ Stepped countersink ADVANCED, resterilizable¹

REF 382-733-15		Stepped countersink ADVANCED	ø 3.3 mm	L 17.0 mm
REF 382-737-15		Stepped countersink ADVANCED	ø 3.7 mm	L 17.0 mm
REF 382-742-15		Stepped countersink ADVANCED	ø 4.2 mm	L 17.0 mm
REF 382-748-15		Stepped countersink ADVANCED	ø 4.8 mm	L 17.0 mm
REF 382-755-15		Stepped countersink ADVANCED	ø 5.5 mm	L 17.0 mm

■ Expander ADVANCED, resterilizable¹

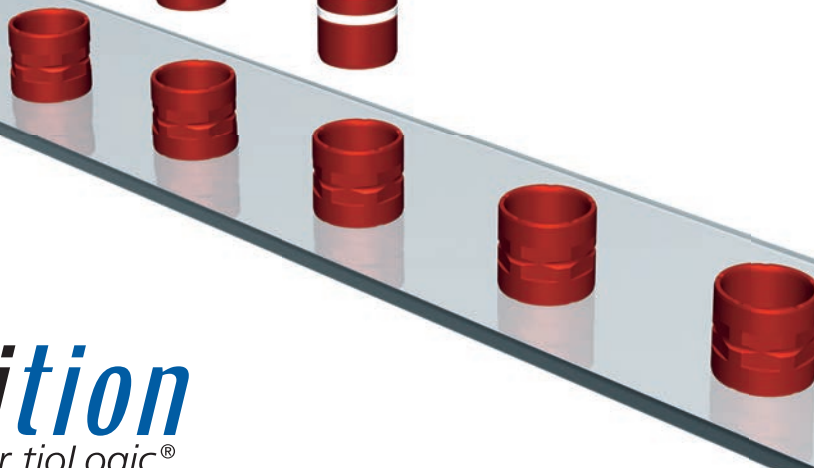
REF 382-933-15		Expander ADVANCED	ø 3.3 mm	L 17.0 mm
REF 382-937-15		Expander ADVANCED	ø 3.7 mm	L 17.0 mm
REF 382-942-15		Expander ADVANCED	ø 4.2 mm	L 17.0 mm
REF 382-948-15		Expander ADVANCED	ø 4.8 mm	L 17.0 mm
REF 382-955-15		Expander ADVANCED	ø 5.5 mm	L 17.0 mm

■ Thread tap ADVANCED, resterilizable^{1,2}

REF 382-933-00		Thread tap ADVANCED	ø 3.3 mm	L 17.0 mm
REF 382-937-00		Thread tap ADVANCED	ø 3.7 mm	L 17.0 mm
REF 382-942-00		Thread tap ADVANCED	ø 4.2 mm	L 17.0 mm
REF 382-948-00		Thread tap ADVANCED	ø 4.8 mm	L 17.0 mm
REF 382-955-00		Thread tap ADVANCED	ø 5.5 mm	L 17.0 mm

¹ For technical reasons the instruments are 1.0 mm longer than the given preparation length.
For use with tioLogic® ST implants only

Surgery ■ pOosition for tioLogic® – Planning and accessories



pOosition
for tioLogic®

■ Basic sleeves

REF 381-533-00		Basic sleeve	ø 3.3 mm
REF 381-537-00		Basic sleeve	ø 3.7 mm
REF 381-542-00		Basic sleeve	ø 4.2 mm
REF 381-548-00		Basic sleeve	ø 4.8 mm
REF 381-555-00		Basic sleeve	ø 5.5 mm

■ Drills for basic sleeves

REF 381-133-00		Drill for basic sleeve	ø 3.3 mm
REF 381-137-00		Drill for basic sleeve	ø 3.7 mm
REF 381-142-00		Drill for basic sleeve	ø 4.2 mm
REF 381-148-00		Drill for basic sleeve	ø 4.8 mm
REF 381-155-00		Drill for basic sleeve	ø 5.5 mm

■ Holders for basic sleeves – med3D

REF 381-233-00		Holder for basic sleeve	ø 3.3 mm
REF 381-237-00		Holder for basic sleeve	ø 3.7 mm
REF 381-242-00		Holder for basic sleeve	ø 4.2 mm
REF 381-248-00		Holder for basic sleeve	ø 4.8 mm
REF 381-255-00		Holder for basic sleeve	ø 5.5 mm

Surgery ■ pOstition for tioLogic® – Planning and accessories

■ Positioning pins for basic sleeves - med 3D

REF 381-733-00		Positioning pin for basic sleeve	ø 3.3 mm
REF 381-737-00		Positioning pin for basic sleeve	ø 3.7 mm
REF 381-742-00		Positioning pin for basic sleeve	ø 4.2 mm
REF 381-748-00		Positioning pin for basic sleeve	ø 4.8 mm
REF 381-755-00		Positioning pin for basic sleeve	ø 5.5 mm

■ Inner sleeves

REF 381-333-00		Set inner sleeves	ø 3.3 mm
REF 381-337-00		Set inner sleeves	ø 3.7 mm
REF 381-342-00		Set inner sleeves	ø 4.2 mm
REF 381-348-00		Set inner sleeves	ø 4.8 mm
REF 381-355-00		Set inner sleeves	ø 5.5 mm

■ Holder for inner sleeves

REF 381-500-00		Holder for inner sleeve
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■ Cleaning pin

REF 387-530-00		Cleaning pin
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■ Gingiva cutter

REF 382-333-00		Gingiva cutter pOstion	ø 3.3 mm
REF 382-337-00		Gingiva cutter pOstion	ø 3.7 mm
REF 382-342-00		Gingiva cutter pOstion	ø 4.2 mm
REF 382-348-00		Gingiva cutter pOstion	ø 4.8 mm
REF 382-355-00		Gingiva cutter pOstion	ø 5.5 mm

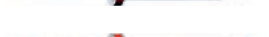
■ Depth drill

REF 382-320-07		Depth drill pOstion	ø 2.0 mm	L 7.0 mm
REF 382-320-09		Depth drill pOstion	ø 2.0 mm	L 9.0 mm
REF 382-320-11		Depth drill pOstion	ø 2.0 mm	L 11.0 mm
REF 382-320-13		Depth drill pOstion	ø 2.0 mm	L 13.0 mm
REF 382-320-15		Depth drill pOstion	ø 2.0 mm	L 15.0 mm

¹ Use only for tioLogic® implants.

Surgery ■ pOosition for tioLogic® – Rotating instruments¹

■ Stepped countersink

REF 382-333-09		Stepped countersink pOosition	ø 3.3 mm	L 9.0 mm
REF 382-333-11		Stepped countersink pOosition	ø 3.3 mm	L 11.0 mm
REF 382-333-13		Stepped countersink pOosition	ø 3.3 mm	L 13.0 mm
REF 382-333-15		Stepped countersink pOosition	ø 3.3 mm	L 15.0 mm
REF 382-337-07		Stepped countersink pOosition	ø 3.7 mm	L 7.0 mm
REF 382-337-09		Stepped countersink pOosition	ø 3.7 mm	L 9.0 mm
REF 382-337-11		Stepped countersink pOosition	ø 3.7 mm	L 11.0 mm
REF 382-337-13		Stepped countersink pOosition	ø 3.7 mm	L 13.0 mm
REF 382-337-15		Stepped countersink pOosition	ø 3.7 mm	L 15.0 mm
REF 382-342-07		Stepped countersink pOosition	ø 4.2 mm	L 7.0 mm
REF 382-342-09		Stepped countersink pOosition	ø 4.2 mm	L 9.0 mm
REF 382-342-11		Stepped countersink pOosition	ø 4.2 mm	L 11.0 mm
REF 382-342-13		Stepped countersink pOosition	ø 4.2 mm	L 13.0 mm
REF 382-342-15		Stepped countersink pOosition	ø 4.2 mm	L 15.0 mm
REF 382-348-07		Stepped countersink pOosition	ø 4.8 mm	L 7.0 mm
REF 382-348-09		Stepped countersink pOosition	ø 4.8 mm	L 9.0 mm
REF 382-348-11		Stepped countersink pOosition	ø 4.8 mm	L 11.0 mm
REF 382-348-13		Stepped countersink pOosition	ø 4.8 mm	L 13.0 mm
REF 382-348-15		Stepped countersink pOosition	ø 4.8 mm	L 15.0 mm
REF 382-355-09		Stepped countersink pOosition	ø 5.5 mm	L 9.0 mm
REF 382-355-11		Stepped countersink pOosition	ø 5.5 mm	L 11.0 mm
REF 382-355-13		Stepped countersink pOosition	ø 5.5 mm	L 13.0 mm
REF 382-355-15		Stepped countersink pOosition	ø 5.5 mm	L 15.0 mm

pOstion for tioLogic® – Rotating instruments¹ ■ Surgery

■ Expander

REF 382-533-00		Expander pOstion	ø 3.3 mm
REF 382-537-00		Expander pOstion	ø 3.7 mm
REF 382-542-00		Expander pOstion	ø 4.2 mm
REF 382-548-00		Expander pOstion	ø 4.8 mm
REF 382-555-00		Expander pOstion	ø 5.5 mm

■ Thread tap

REF 382-833-00		Thread tap pOstion ¹	ø 3.3 mm
REF 382-837-00		Thread tap pOstion ¹	ø 3.7 mm
REF 382-842-00		Thread tap pOstion ¹	ø 4.2 mm
REF 382-848-00		Thread tap pOstion ¹	ø 4.8 mm
REF 382-855-00		Thread tap pOstion ¹	ø 5.5 mm

¹ Use only for tioLogic® implants.

Surgery ■ Tray easyClean for tioLogic®

■ Implantology

REF 387-418-00	Surgical tray easyClean for tioLogic® (with content)	Wash Tray with content for cleaning and disinfecting machines
REF 387-421-00	Surgical tray easyClean for tioLogic® (without content)	Wash tray without content for cleaning and disinfecting machines
REF 387-412-00	PTFE permanent filter	
REF 387-413-00	Indicator tag with adhesive backing	
REF 387-415-00	Silicone o-rings 10 pieces	

Developed in
collaboration with:

Miele
PROFESSIONAL

Cleaning investigation¹ by:

SMP GmbH
Prüfen Validieren Forschen



¹ Cleaning investigation tioLogic® easyClean, SMP GmbH, 2010.
Not all items shown are included in the tray at delivery.

■ Content easyClean for tioLogic®

REF 382-015-00	Marking drill ø 1.5 mm	REF 382-055-15	Conical former STANDARD green, ø 5.5 mm, L 15.0 mm
REF 382-033-00	Surface cutter STANDARD brown, ø 3.3 mm	REF 382-933-00	Thread tap ADVANCED ø 3.3 mm, L 17.0 mm
REF 382-037-00	Surface cutter STANDARD yellow, ø 3.7 mm	REF 382-937-00	Thread tap ADVANCED ø 3.7 mm, L 17.0 mm
REF 382-042-00	Surface cutter STANDARD red, ø 4.2 mm	REF 382-942-00	Thread tap ADVANCED ø 4.2 mm, L 17.0 mm
REF 382-048-00	Surface cutter STANDARD blue, ø 4.8 mm	REF 382-948-00	Thread tap ADVANCED ø 4.8 mm, L 17.0 mm
REF 382-055-00	Surface cutter STANDARD green, ø 5.5 mm	REF 382-955-00	Thread tap ADVANCED ø 5.5 mm, L 17.0 mm
REF 382-020-07	Depth drill STANDARD ø 2.0 mm, L 7.0 mm	REF 382-233-17	Conical former STANDARD (dense bone) ø 3.3 mm, L 17.0 mm
REF 382-020-09	Depth drill STANDARD ø 2.0 mm, L 9.0 mm	REF 382-237-17	Conical former STANDARD (dense bone) ø 3.7 mm, L 17.0 mm
REF 382-020-11	Depth drill STANDARD ø 2.0 mm, L 11.0 mm	REF 382-242-17	Conical former STANDARD (dense bone) ø 4.2 mm, L 17.0 mm
REF 382-020-13	Depth drill STANDARD ø 2.0 mm, L 13.0 mm	REF 382-248-17	Conical former STANDARD (dense bone) ø 4.8 mm, L 17.0 mm
REF 382-020-15	Depth drill STANDARD ø 2.0 mm, L 15.0 mm	REF 382-255-17	Conical former STANDARD (dense bone) ø 5.5 mm, L 17.0 mm
REF 382-037-07	Conical former STANDARD yellow, ø 3.7 mm, L 7.0 mm	REF 387-800-00	Torque ratchet with blocking function
REF 382-042-07	Conical former STANDARD red, ø 4.2 mm, L 7.0 mm	REF 387-602-00	Sure-grip wheel
REF 382-048-07	Conical former STANDARD blue, ø 4.8 mm, L 7.0 mm	REF 387-604-00	Locking key for insertion aid
REF 382-033-09	Conical former STANDARD brown, ø 3.3 mm, L 9.0 mm	REF 387-610-00	Hex key SW 1.3 – ISO shank, L 20.0 mm
REF 382-037-09	Conical former STANDARD yellow, ø 3.7 mm, L 9.0 mm	REF 387-612-00	Hex key SW 1.3 – ISO shank, L 26.0 mm
REF 382-042-09	Conical former STANDARD red, ø 4.2 mm, L 9.0 mm	REF 387-516-00	Hex key SW 2.5 – ISO shank, L 19.0 mm
REF 382-048-09	Conical former STANDARD blue, ø 4.8 mm, L 9.0 mm	REF 387-518-00	Hex key SW 2.5 – ISO shank, L 25.0 mm
REF 382-055-09	Conical former STANDARD green, ø 5.5 mm, L 9.0 mm	REF 387-620-00	Hex key SW 1.3 – ratchet, L 16.0 mm.
REF 382-033-11	Conical former STANDARD brown, ø 3.3 mm, L 11.0 mm	REF 387-622-00	Hex key SW 1.3 – ratchet, L 26.0 mm.
REF 382-037-11	Conical former STANDARD yellow, ø 3.7 mm, L 11.0 mm	REF 387-519-00	Hex key SW 2.5 – ratchet, L 8.0 mm.
REF 382-042-11	Conical former STANDARD red, ø 4.2 mm, L 11.0 mm	REF 387-520-00	Hex key SW 2.5 – ratchet, L 13.0 mm.
REF 382-048-11	Conical former STANDARD blue, ø 4.8 mm, L 11.0 mm	REF 387-522-00	Hex key SW 2.5 – ratchet, L 23.0 mm.
REF 382-055-11	Conical former STANDARD green, ø 5.5 mm, L 11.0 mm	REF 387-509-00	Drill extension – ISO shank hexagon, L 21.0 mm
REF 382-033-13	Conical former STANDARD brown, ø 3.3 mm, L 13.0 mm	REF 387-511-00	Adapter – ISO shank hexagon/ ratchet, L 13.0 mm
REF 382-037-13	Conical former STANDARD yellow, ø 3.7 mm, L 13.0 mm	REF 387-514-00	Paralleling pin ø 1.4 / 2.0 mm, L 27.0 mm, 3 pieces
REF 382-042-13	Conical former STANDARD red, ø 4.2 mm, L 13.0 mm	REF 387-523-00	Implant insertion key S – ratchet ø 3.3 mm
REF 382-048-13	Conical former STANDARD blue, ø 4.8 mm, L 13.0 mm	REF 387-524-00	Implant insertion key M – ratchet ø 3.7 / ø 4.2 mm
REF 382-055-13	Conical former STANDARD green, ø 5.5 mm, L 13.0 mm	REF 387-525-00	Implant insertion key L – ratchet ø 4.8 mm / ø 5.5 mm
REF 382-033-15	Conical former STANDARD brown, ø 3.3 mm, L 15.0 mm	REF 387-642-00	Insertion key bar/bridge/AngleFix – ratchet
REF 382-037-15	Conical former STANDARD yellow, ø 3.7 mm, L 15.0 mm	REF 387-660-00	Insertion key ball abutment - ratchet
REF 382-042-15	Conical former STANDARD red, ø 4.2 mm, L 15.0 mm	REF 387-415-00	Silicone o-rings 10 pieces
REF 382-048-15	Conical former STANDARD blue, ø 4.8 mm, L 15.0 mm		

Surgery ■ Tray STANDARD for tioLogic®

■ Implantology

REF 387-408-00 Surgical tray
STANDARD
for tioLogic®

Fully equipped for placement of tioLogic® implants.

- for $\varnothing$ 3.3 mm/ $\varnothing$ 3.7 mm/ $\varnothing$ 4.2 mm/ $\varnothing$ 4.8 mm/ $\varnothing$ 5.5 mm
- reusable instruments
- standard aluminium container with stainless steel insert
- hydrophob PTFE permanent filter
- incl. tioLogic® Surgery Manual
- incl. planning foil tioLogic® + tioLogic® ST

REF 387-412-00 PTFE permanent filter

REF 387-413-00 Indicator tag with adhesive
backing

REF 387-415-00 Silicone o-rings
10 pieces



Not all items shown are included in the tray at delivery.

■ Content surgical tray STANDARD for tioLogic®

REF 382-015-00	Marking drill ø 1.5 mm	REF 382-055-15	Conical former STANDARD green ø 5.5 mm, L 15.0 mm
REF 382-033-00	Surface cutter STANDARD brown, ø 3.3 mm	REF 382-933-00	Thread tap ADVANCED ø 3.3 mm, L 17.0 mm
REF 382-037-00	Surface cutter STANDARD yellow, ø 3.7 mm	REF 382-937-00	Thread tap ADVANCED ø 3.7 mm, L 17.0 mm
REF 382-042-00	Surface cutter STANDARD red, ø 4.2 mm	REF 382-942-00	Thread tap ADVANCED ø 4.2 mm, L 17.0 mm
REF 382-048-00	Surface cutter STANDARD blue, ø 4.8 mm	REF 382-948-00	Thread tap ADVANCED ø 4.8 mm, L 17.0 mm
REF 382-055-00	Surface cutter STANDARD green, ø 5.5 mm	REF 382-955-00	Thread tap ADVANCED ø 5.5 mm, L 17.0 mm
REF 382-020-07	Depth drill STANDARD ø 2.0 mm, L 7.0 mm	REF 382-233-17	Conical former STANDARD (dense bone) ø 3.3 mm, L 17.0 mm
REF 382-020-09	Depth drill STANDARD ø 2.0 mm, L 9.0 mm	REF 382-237-17	Conical former STANDARD (dense bone) ø 3.7 mm, L 17.0 mm
REF 382-020-11	Depth drill STANDARD ø 2.0 mm, L 11.0 mm	REF 382-242-17	Conical former STANDARD (dense bone) ø 4.2 mm, L 17.0 mm
REF 382-020-13	Depth drill STANDARD ø 2.0 mm, L 13.0 mm	REF 382-248-17	Conical former STANDARD (dense bone) ø 4.8 mm, L 17.0 mm
REF 382-020-15	Depth drill STANDARD ø 2.0 mm, L 15.0 mm	REF 382-255-17	Conical former STANDARD (dense bone) ø 5.5 mm, L 17.0 mm
REF 382-037-07	Conical former STANDARD yellow, ø 3.7 mm, L 7.0 mm	REF 387-800-00	Torque ratchet with blocking function
REF 382-042-07	Conical former STANDARD red, ø 4.2 mm, L 7.0 mm	REF 387-602-00	Sure-grip wheel
REF 382-048-07	Conical former STANDARD blue, ø 4.8 mm, L 7.0 mm	REF 387-604-00	Locking key for insertion aid
REF 382-033-09	Conical former STANDARD brown, ø 3.3 mm, L 9.0 mm	REF 387-610-00	Hex key SW 1.3 – ISO shank, L 20.0 mm
REF 382-037-09	Conical former STANDARD yellow, ø 3.7 mm, L 9.0 mm	REF 387-612-00	Hex key SW 1.3 – ISO shank, L 26.0 mm
REF 382-042-09	Conical former STANDARD red, ø 4.2 mm, L 9.0 mm	REF 387-516-00	Hex key SW 2.5 – ISO shank, L 19.0 mm
REF 382-048-09	Conical former STANDARD blue, ø 4.8 mm, L 9.0 mm	REF 387-518-00	Hex key SW 2.5 – ISO shank, L 25.0 mm
REF 382-055-09	Conical former STANDARD green, ø 5.5 mm, L 9.0 mm	REF 387-620-00	Hex key SW 1.3 – ratchet, L 16.0 mm.
REF 382-033-11	Conical former STANDARD brown, ø 3.3 mm, L 11.0 mm	REF 387-622-00	Hex key SW 1.3 – ratchet, L 26.0 mm.
REF 382-037-11	Conical former STANDARD yellow, ø 3.7 mm, L 11.0 mm	REF 387-519-00	Hex key SW 2.5 – ratchet, L 8.0 mm.
REF 382-042-11	Conical former STANDARD red, ø 4.2 mm, L 11.0 mm	REF 387-520-00	Hex key SW 2.5 – ratchet, L 13.0 mm.
REF 382-048-11	Conical former STANDARD blue, ø 4.8 mm, L 11.0 mm	REF 387-522-00	Hex key SW 2.5 – ratchet, L 23.0 mm.
REF 382-055-11	Conical former STANDARD green, ø 5.5 mm, L 11.0 mm	REF 387-509-00	Drill extension – ISO shank hexagon, L 21.0 mm
REF 382-033-13	Conical former STANDARD brown, ø 3.3 mm, L 13.0 mm	REF 387-511-00	Adapter – ISO shank hexagon/ ratchet, L 13.0 mm
REF 382-037-13	Conical former STANDARD yellow, ø 3.7 mm, L 13.0 mm	REF 387-514-00	Paralleling pin ø 1.4 / 2.0 mm, L 27.0 mm, 3 pieces
REF 382-042-13	Conical former STANDARD red, ø 4.2 mm, L 13.0 mm	REF 387-523-00	Implant insertion key S – ratchet ø 3.3 mm
REF 382-048-13	Conical former STANDARD blue, ø 4.8 mm, L 13.0 mm	REF 387-524-00	Implant insertion key M – ratchet ø 3.7 / ø 4.2 mm
REF 382-055-13	Conical former STANDARD green, ø 5.5 mm, L 13.0 mm	REF 387-525-00	Implant insertion key L – ratchet ø 4.8 mm / ø 5.5 mm
REF 382-033-15	Conical former STANDARD brown, ø 3.3 mm, L 15.0 mm	REF 387-642-00	Insertion key bar/bridge/AngleFix – ratchet
REF 382-037-15	Conical former STANDARD yellow, ø 3.7 mm, L 15.0 mm	REF 387-660-00	Insertion key ball abutment - ratchet
REF 382-042-15	Conical former STANDARD red, ø 4.2 mm, L 15.0 mm	REF 387-415-00	Silicone o-rings 10 pieces
REF 382-048-15	Conical former STANDARD blue, ø 4.8 mm, L 15.0 mm		

Surgery ■ Tray ADVANCED for tioLogic®

■ Implantology

REF 387-424-00 Surgical tray ADVANCED for tioLogic®

Fully equipped for placement of tioLogic® implants.

- for $\varnothing$ 3.3 mm/ $\varnothing$ 3.7 mm/ $\varnothing$ 4.2 mm/ $\varnothing$ 4.8 mm/ $\varnothing$ 5.5 mm
- reusable instruments
- container for safekeeping
- incl. tioLogic® Surgery Manual
- incl. planning foil tioLogic® ST

REF 387-415-00 Silicone o-rings
10 pieces



Not all items shown are included in the tray at delivery.

Tray ADVANCED for tioLogic® ■ Surgery

■ Content surgical tray ADVANCED for tioLogic®

REF 382-015-00	Marking drill ø 1.5 mm	REF 387-800-00	Torque ratchet with blocking function
REF 382-720-15	Depth drill ADVANCED ø 2.0 mm, L 17.0 mm	REF 387-604-00	Locking key for insertion aid
REF 382-733-00	Surface cutter ADVANCED brown ø 3.3 mm	REF 387-610-00	Hex key SW 1.3 – ISO shank, L 20.0 mm
REF 382-737-00	Surface cutter ADVANCED yellow ø 3.7 mm	REF 387-612-00	Hex key SW 1.3 – ISO shank, L 26.0 mm
REF 382-742-00	Surface cutter ADVANCED red ø 4.2 mm	REF 387-516-00	Hex key SW 2.5 – ISO shank, L 19.0 mm
REF 382-748-00	Surface cutter ADVANCED blue ø 4.8 mm	REF 387-518-00	Hex key SW 2.5 – ISO shank, L 25.0 mm
REF 382-755-00	Surface cutter ADVANCED green ø 5.5 mm,	REF 387-620-00	Hex key SW 1.3 – ratchet, L 16.0 mm.
REF 382-733-15	Stepped countersink ADVANCED ø 3.3 mm, L 17.0 mm	REF 387-622-00	Hex key SW 1.3 – ratchet, L 26.0 mm.
REF 382-737-15	Stepped countersink ADVANCED ø 3.7 mm, L 17.0 mm	REF 387-519-00	Hex key SW 2.5 – ratchet, L 8.0 mm.
REF 382-742-15	Stepped countersink ADVANCED ø 4.2 mm, L 17.0 mm	REF 387-520-00	Hex key SW 2.5 – ratchet, L 13.0 mm.
REF 382-748-15	Stepped countersink ADVANCED ø 4.8 mm, L 17.0 mm	REF 387-522-00	Hex key SW 2.5 – ratchet, L 23.0 mm.
REF 382-755-15	Stepped countersink ADVANCED ø 5.5 mm, L 17.0 mm	REF 387-509-00	Drill extension – ISO shank hexagon, L 21.0 mm
REF 382-933-15	Expander ADVANCED ø 3.3 mm, L 17.0 mm	REF 387-511-00	Adapter – ISO shank hexagon/ ratchet, L 13.0 mm
REF 382-937-15	Expander ADVANCED ø 3.7 mm, L 17.0 mm	REF 387-514-00	Paralleling pin ø 1.4 / 2.0 mm, L 27.0 mm, 3 pieces
REF 382-942-15	Expander ADVANCED ø 4.2 mm, L 17.0 mm	REF 387-523-00	Implant insertion key S – ratchet ø 3.3 mm
REF 382-948-15	Expander ADVANCED ø 4.8 mm, L 17.0 mm	REF 387-524-00	Implant insertion key M – ratchet ø 3.7 / ø 4.2 mm
REF 382-955-15	Expander ADVANCED ø 5.5 mm, L 17.0 mm	REF 387-525-00	Implant insertion key L – ratchet ø 4.8 mm / ø 5.5 mm
REF 382-933-00	Thread tap ADVANCED ø 3.3 mm, L 17.0 mm	REF 387-642-00	Insertion key bar/bridge/AngleFix – ratchet
REF 382-937-00	Thread tap ADVANCED ø 3.7 mm, L 17.0 mm	REF 387-660-00	Insertion key ball abutment - ratchet
REF 382-942-00	Thread tap ADVANCED ø 4.2 mm, L 17.0 mm	REF 387-415-00	Silicone o-rings 10 pieces
REF 382-948-00	Thread tap ADVANCED ø 4.8 mm, L 17.0 mm		
REF 382-955-00	Thread tap ADVANCED ø 5.5 mm, L 17.0 mm		

Surgery ■ Tray pOstion for tioLogic®

■ Implantology

REF 387-420-00 Surgical tray
pOstion for tioLogic®

Fully equipped for template-guided insertion of tioLogic® implants.

- for $\varnothing$ 3.3 mm/ $\varnothing$ 3.7 mm/ $\varnothing$ 4.2 mm/ $\varnothing$ 4.8 mm/ $\varnothing$ 5.5 mm
- reusable internally cooled instruments
- standard aluminium container with stainless steel insert
- hydrophob PTFE permanent filter
- incl. Surgery Manual pOstion for tioLogic®
- incl. tioLogic® Surgery Manual
- incl. planning foil tioLogic®

REF 387-412-00 PTFE permanent filter

REF 387-413-00 Indicator tag with adhesive
backing

REF 387-415-00 Silicone o-rings
10 pieces



Not all items shown are included in the tray at delivery.
The thread taps pOstion are not included in the tray.
Use thread taps pOstion only for tioLogic® implants.
Use thread tap ADVANCED only for tioLogic® ST implants.

■ Content surgical tray pOsition for tioLogic®

REF 387-800-00	Torque ratchet with blocking function	REF 382-533-00	Expander pOsition ø 3.3 mm
REF 387-604-00	Locking key for insertion aid	REF 382-537-00	Expander pOsition ø 3.7 mm
REF 382-333-00	Gingiva cutter pOsition ø 3.3 mm	REF 382-542-00	Expander pOsition ø 4.2 mm
REF 382-337-00	Gingiva cutter pOsition ø 3.7 mm	REF 382-548-00	Expander pOsition ø 4.8 mm
REF 382-342-00	Gingiva cutter pOsition ø 4.2 mm	REF 382-555-00	Expander pOsition ø 5.5 mm
REF 382-348-00	Gingiva cutter pOsition ø 4.8 mm	REF 387-602-00	Sure-grip wheel
REF 382-355-00	Gingiva cutter pOsition ø 5.5 mm	REF 381-500-00	Holder for inner sleeve 3 pieces
REF 382-320-07	Depth drill pOsition ø 2.0 mm, L 7.0 mm	REF 387-610-00	Hex key SW 1.3 – ISO shank, L 20.0 mm
REF 382-320-09	Depth drill pOsition ø 2.0 mm, L 9.0 mm	REF 387-612-00	Hex key SW 1.3 – ISO shank, L 26.0 mm
REF 382-320-11	Depth drill pOsition ø 2.0 mm, L 11.0 mm	REF 387-516-00	Hex key SW 2.5 – ISO shank, L 19.0 mm
REF 382-320-13	Depth drill pOsition ø 2.0 mm, L 13.0 mm	REF 387-518-00	Hex key SW 2.5 – ISO shank, L 25.0 mm
REF 382-320-15	Depth drill pOsition ø 2.0 mm, L 15.0 mm	REF 387-620-00	Hex key SW 1.3 – ratchet, L 16.0 mm.
REF 382-333-09	Stepped countersink pOsition ø 3.3 mm, L 9.0 mm	REF 387-622-00	Hex key SW 1.3 – ratchet, L 26.0 mm.
REF 382-333-11	Stepped countersink pOsition ø 3.3 mm, L 11.0 mm	REF 387-520-00	Hex key SW 2.5 – ratchet, L 13.0 mm.
REF 382-333-13	Stepped countersink pOsition ø 3.3 mm, L 13.0 mm	REF 387-522-00	Hex key SW 2.5 – ratchet, L 23.0 mm.
REF 382-333-15	Stepped countersink pOsition ø 3.3 mm, L 15.0 mm	REF 387-509-00	Drill extension – ISO shank hexagon, L 21.0 mm
REF 382-337-07	Stepped countersink pOsition ø 3.7 mm, L 7.0 mm	REF 387-511-00	Adapter – ISO shank / ratchet, L 13.0 mm
REF 382-337-09	Stepped countersink pOsition ø 3.7 mm, L 9.0 mm	REF 387-514-00	Paralleling pin ø 1.4 / ø 2.0 mm, L 27.0 mm, 3 pieces
REF 382-337-11	Stepped countersink pOsition ø 3.7 mm, L 11.0 mm	REF 387-523-00	Implant insertion key S – ratchet ø 3.3 mm
REF 382-337-13	Stepped countersink pOsition ø 3.7 mm, L 13.0 mm	REF 387-524-00	Implant insertion key M – ratchet ø 3.7 / ø 4.2 mm
REF 382-337-15	Stepped countersink pOsition ø 3.7 mm, L 15.0 mm	REF 387-525-00	Implant insertion key L – ratchet ø 4.8 mm / ø 5.5 mm
REF 382-342-07	Stepped countersink pOsition ø 4.2 mm, L 7.0 mm	REF 387-660-00	Insertion key ball abutment - ratchet
REF 382-342-09	Stepped countersink pOsition ø 4.2 mm, L 9.0 mm	REF 387-415-00	Silicone o-rings 10 pieces
REF 382-342-11	Stepped countersink pOsition ø 4.2 mm, L 11.0 mm		
REF 382-342-13	Stepped countersink pOsition ø 4.2 mm, L 13.0 mm		
REF 382-342-15	Stepped countersink pOsition ø 4.2 mm, L 15.0 mm		
REF 382-348-07	Stepped countersink pOsition ø 4.8 mm, L 7.0 mm		
REF 382-348-09	Stepped countersink pOsition ø 4.8 mm, L 9.0 mm		
REF 382-348-11	Stepped countersink pOsition ø 4.8 mm, L 11.0 mm		
REF 382-348-13	Stepped countersink pOsition ø 4.8 mm, L 13.0 mm		
REF 382-348-15	Stepped countersink pOsition ø 4.8 mm, L 15.0 mm		
REF 382-355-11	Stepped countersink pOsition ø 5.5 mm, L 11.0 mm		
REF 382-355-13	Stepped countersink pOsition ø 5.5 mm, L 13.0 mm		
REF 382-355-15	Stepped countersink pOsition ø 5.5 mm, L 15.0 mm		

Surgery ■ Tray – ProstheticSet for tioLogic®

■ Implantology

REF 387-426-00 ProstheticSet
for tioLogic®

With accessory components for prosthetic insertion.

- for all implant diameters
- container for safekeeping



■ Content ProstheticSet for tioLogic®

REF 387-800-00



Torque ratchet
with blocking function

REF 387-620-00



Hex key SW 1.3 – ratchet, L 16.0 mm.

REF 387-622-00

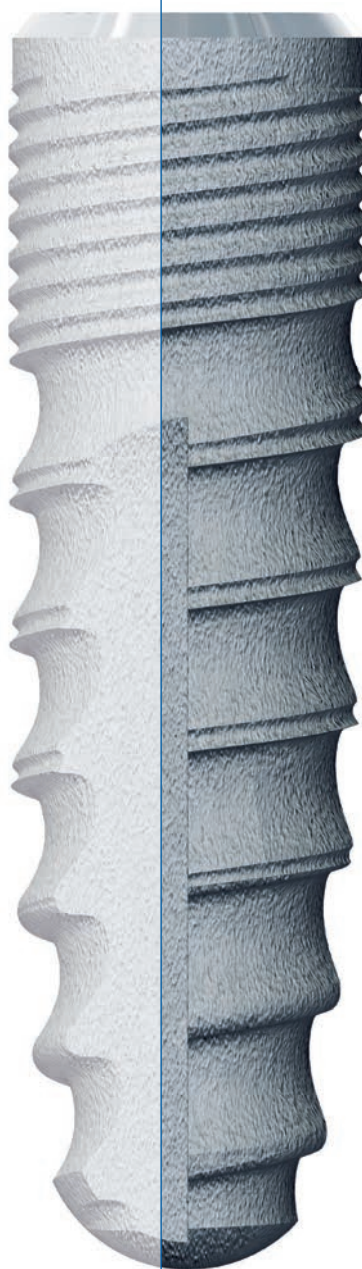


Hex key SW 1.3 – ratchet, L 26.0 mm.

tiologic[®] ST



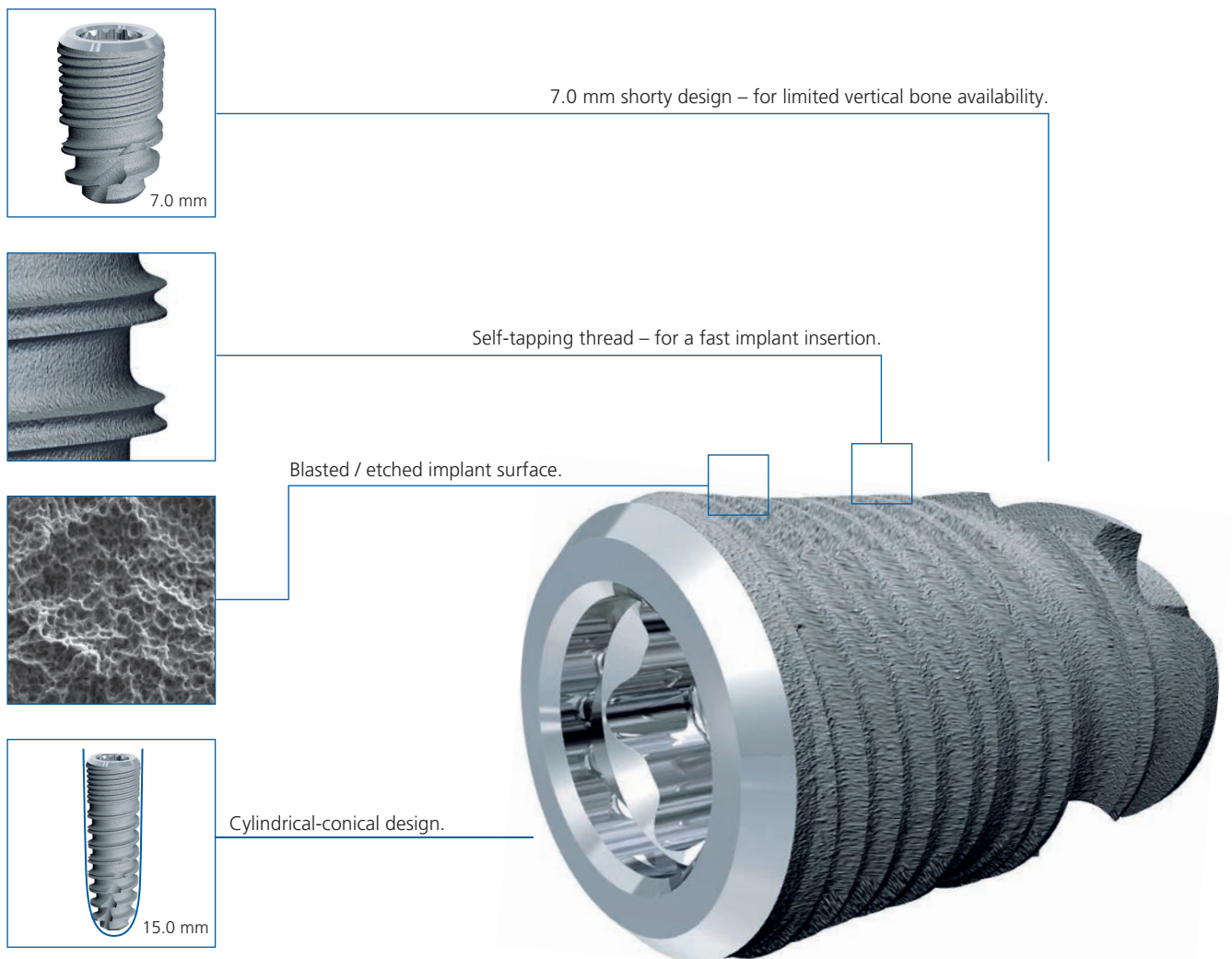
tiologic[®]



tioLogic® ST

The patented macro and micro design of tioLogic® has been further developed taking into consideration biomechanical aspects in order to positively influence implant placement and healing behavior as well as to extend the indication range¹. The modified self-tapping thread geometry and reduced thread pitch enable a quick and atraumatic implant insertion at a steady insertion torque and a high primary stability. The tioLogic® **ST** 7.0 mm implant also extends the indication range with reduced vertical bone availability.

All tioLogic® ST implants incorporate the proven S-M-L concept. They are therefore compatible with the existing prosthetic abutment series for tioLogic® implants and are an ideal complement to the tioLogic® product program.



¹ I. Hasan, H. Stark, C. Boureaul: Biomechanische Untersuchungen des tioLogic® ST Implantats (Biomechanical studies of the tioLogic® ST implant); University of Bonn 2012

Surgery ■ tioLogic® implants ST

■ ø 3.3 mm

REF 383-133-09



tioLogic® implant **ST**

ø 3.3 mm

L 9.0 mm

REF 383-133-11

tioLogic® implant **ST**

ø 3.3 mm

L 11.0 mm

REF 383-133-13

tioLogic® implant **ST**

ø 3.3 mm

L 13.0 mm

REF 383-133-15

tioLogic® implant **ST**

ø 3.3 mm

L 15.0 mm

Supplied with
closure screw S

■ ø 3.7 mm

REF 383-137-07



tioLogic® implant **ST**

ø 3.7 mm

L 7.0 mm

REF 383-137-09

tioLogic® implant **ST**

ø 3.7 mm

L 9.0 mm

REF 383-137-11

tioLogic® implant **ST**

ø 3.7 mm

L 11.0 mm

REF 383-137-13

tioLogic® implant **ST**

ø 3.7 mm

L 13.0 mm

REF 383-137-15

tioLogic® implant **ST**

ø 3.7 mm

L 15.0 mm

Supplied with
closure screw M

■ ø 4.2 mm

REF 383-142-07



tioLogic® implant **ST**

ø 4.2 mm

L 7.0 mm

REF 383-142-09

tioLogic® implant **ST**

ø 4.2 mm

L 9.0 mm

REF 383-142-11

tioLogic® implant **ST**

ø 4.2 mm

L 11.0 mm

REF 383-142-13

tioLogic® implant **ST**

ø 4.2 mm

L 13.0 mm

REF 383-142-15

tioLogic® implant **ST**

ø 4.2 mm

L 15.0 mm

Supplied with
closure screw M

■ ø 4.8 mm

REF 383-148-07



tioLogic® implant **ST**

ø 4.8 mm

L 7.0 mm

REF 383-148-09

tioLogic® implant **ST**

ø 4.8 mm

L 9.0 mm

REF 383-148-11

tioLogic® implant **ST**

ø 4.8 mm

L 11.0 mm

REF 383-148-13

tioLogic® implant **ST**

ø 4.8 mm

L 13.0 mm

REF 383-148-15

tioLogic® implant **ST**

ø 4.8 mm

L 15.0 mm

Supplied with
closure screw L

■ ø 5.5 mm

REF 383-155-09



tioLogic® implant **ST**

ø 5.5 mm

L 9.0 mm

REF 383-155-11

tioLogic® implant **ST**

ø 5.5 mm

L 11.0 mm

REF 383-155-13

tioLogic® implant **ST**

ø 5.5 mm

L 13.0 mm

REF 383-155-15

tioLogic® implant **ST**

ø 5.5 mm

L 15.0 mm

Supplied with
closure screw L

■ ø 3.3 mm

REF 383-033-11		tioLogic® implant		ø 3.3 mm	L 11.0 mm
REF 383-033-13		tioLogic® implant		ø 3.3 mm	L 13.0 mm
REF 383-033-15		tioLogic® implant		ø 3.3 mm	L 15.0 mm
Supplied with closure screw S					

■ ø 3.7 mm

REF 383-037-09		tioLogic® implant		ø 3.7 mm	L 9.0 mm
REF 383-037-11		tioLogic® implant		ø 3.7 mm	L 11.0 mm
REF 383-037-13		tioLogic® implant		ø 3.7 mm	L 13.0 mm
REF 383-037-15		tioLogic® implant		ø 3.7 mm	L 15.0 mm
Supplied with closure screw M					

■ ø 4.2 mm

REF 383-042-09		tioLogic® implant	ø 4.2 mm	L 9.0 mm
REF 383-042-11		tioLogic® implant	ø 4.2 mm	L 11.0 mm
REF 383-042-13		tioLogic® implant	ø 4.2 mm	L 13.0 mm
REF 383-042-15		tioLogic® implant	ø 4.2 mm	L 15.0 mm
Supplied with closure screw M				

■ ø 4.8 mm

REF 383-048-09		tioLogic® implant	ø 4.8 mm	L 9.0 mm
REF 383-048-11		tioLogic® implant	ø 4.8 mm	L 11.0 mm
REF 383-048-13		tioLogic® implant	ø 4.8 mm	L 13.0 mm
REF 383-048-15		tioLogic® implant	ø 4.8 mm	L 15.0 mm
Supplied with closure screw L				

■ ø 5.5 mm

REF 383-055-09		tioLogic® implant	ø 5.5 mm	L 9.0 mm
REF 383-055-11		tioLogic® implant	ø 5.5 mm	L 11.0 mm
REF 383-055-13		tioLogic® implant	ø 5.5 mm	L 13.0 mm
REF 383-055-15		tioLogic® implant	ø 5.5 mm	L 15.0 mm
Supplied with closure screw L				

Surgery ■ Gingiva former

■ conical S

REF 384-110-00		Gingiva former S	conical GH 1.5 mm
REF 384-112-00		Gingiva former S	conical GH 3.0 mm
REF 384-114-00		Gingiva former S	conical GH 4.5 mm
REF 384-116-00		Gingiva former S	conical GH 6.0 mm

■ conical M

REF 384-210-00		Gingiva former M	conical GH 1.5 mm
REF 384-212-00		Gingiva former M	conical GH 3.0 mm
REF 384-214-00		Gingiva former M	conical GH 4.5 mm
REF 384-216-00		Gingiva former M	conical GH 6.0 mm

■ conical L

REF 384-310-00		Gingiva former L	conical GH 1.5 mm
REF 384-312-00		Gingiva former L	conical GH 3.0 mm
REF 384-314-00		Gingiva former L	conical GH 4.5 mm
REF 384-316-00		Gingiva former L	conical GH 6.0 mm

■ cylindrical S

REF 384-120-00		Gingiva former S	cylindrical GH 1.5 mm
REF 384-122-00		Gingiva former S	cylindrical GH 3.0 mm
REF 384-124-00		Gingiva former S	cylindrical GH 4.5 mm
REF 384-126-00		Gingiva former S	cylindrical GH 6.0 mm

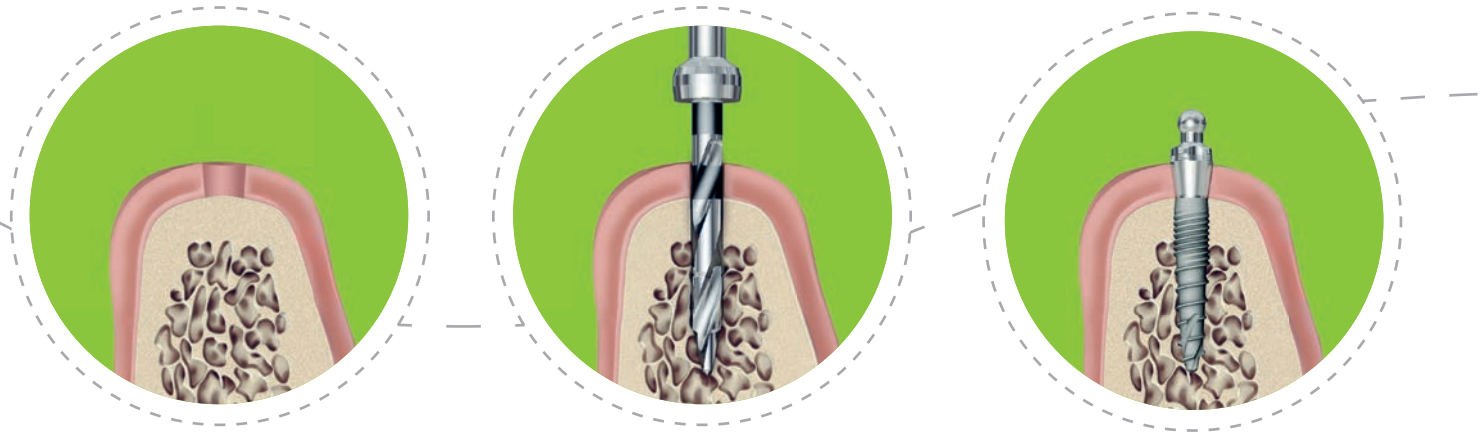
■ cylindrical M

REF 384-220-00		Gingiva former M	cylindrical GH 1.5 mm
REF 384-222-00		Gingiva former M	cylindrical GH 3.0 mm
REF 384-224-00		Gingiva former M	cylindrical GH 4.5 mm
REF 384-226-00		Gingiva former M	cylindrical GH 6.0 mm

■ cylindrical L

REF 384-320-00		Gingiva former L	cylindrical GH 1.5 mm
REF 384-322-00		Gingiva former L	cylindrical GH 3.0 mm
REF 384-324-00		Gingiva former L	cylindrical GH 4.5 mm
REF 384-326-00		Gingiva former L	cylindrical GH 6.0 mm

CITO mini® - three steps to success.



1. Gingiva punch

2. Stepped drilling

3. Implant insertion

Small. Quick. Easy.

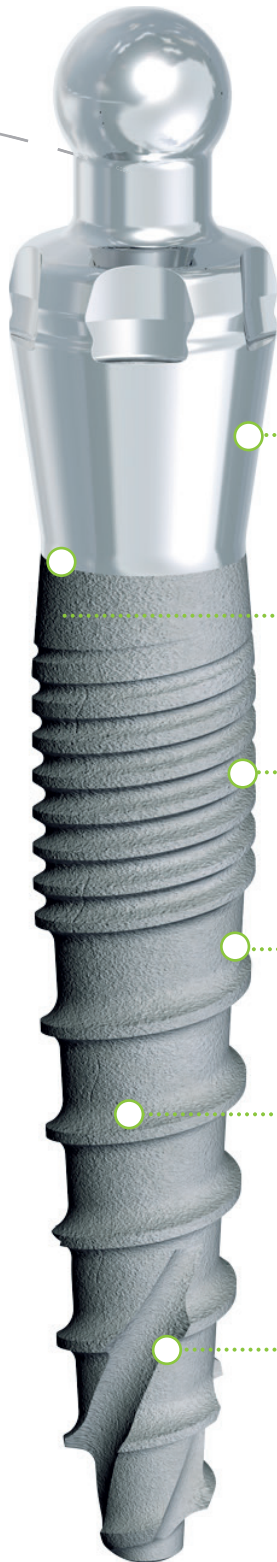
- Immediate loading in many cases
- Avoids augmentative measures
- Perfect solution for patients with reduced bone availability
- Long-term stability for hybrid-prostheses



More information on CITO mini®.

CITO mini®

The implant system.



Polished gingival shoulder.

Optimal soft tissue support.

Crestal fine thread.

Time-tested surface conditioning.

FEM-optimized thread geometry.¹

Self-tapping thread.

¹ I. Hasan, C. Bourauel: Biomechanische Untersuchungen des Einflusses von Geometrievarianten des CITO mini® Implantats [Biomechanical analyses of the influence of CITO mini® implant geometry variations]; University of Bonn 2014.

PROSTHETICS



YES!



I WANT A MODERN IMPLANT SYSTEM.

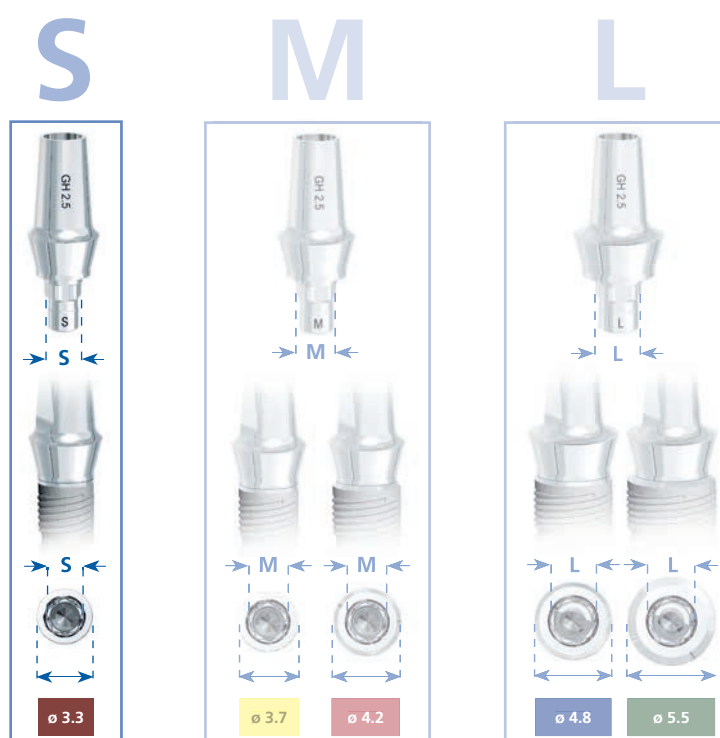
Prosthetic components of a modern implant system should provide the dental technician with the ideal combination of aesthetics, customizability, clear organization and easy handling.





Series of abutments

for $\varnothing$ 3.3 mm tioLogic® implants.



Components series of abutments S ■ Prosthetics

■ Impression materials

REF 385-110-00		Impression post S, open incl. screw		L 10.0 mm
REF 385-112-00		Impression post S, open incl. screw		L 14.0 mm
REF 385-910-00		Screw for impression post, open, L 10.0 mm	M 1.6	L 16.0 mm
REF 385-912-00		Screw for impression post, open, L 14.0 mm	M 1.6	L 25.0 mm
REF 385-120-00		Impression post S, closed incl. impression cap S, bite registration cap S, AnoTite screw		L 7.0 mm
REF 385-122-00		Impression cap S 5 pieces		L 6.0 mm
REF 385-123-00		Bite registration cap S 5 pieces		L 6.0 mm
REF 385-124-00		Positioning aid S for impression post S, closed		L 9.6 mm

■ Model

REF 385-130-00		Laboratory implant A		L 12.0 mm
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■ Temporary restoration

REF 384-130-00		Temporary abutment S incl. screw	GH 3.0 mm	L 12.0 mm
REF 384-910-00		Screw for temporary abutment	M 1.6	L 13.5 mm

Prosthetics ■ Components series of abutments S

■ CAD/CAM components

REF 386-185-00		Scan abutment S incl. prosthetic screw		
REF 386-113-00		CAD/CAM titanium base S incl. AnoTite screw		
REF 386-196-00		Modelling sleeve for CAD CAM titanium base S, adjustable		
REF 386-195-00		CAD/CAM titanium base S CEREC, Sirona, incl. AnoTite screw		
		CAD/CAM titanium base S ZENOTEC®, Wieland, incl. AnoTite screw		
			Distributed by WIELAND Dental + Technik GmbH & Co. KG	
REF 386-197-00		CAD/CAM titanium block S, PreForm incl. AnoTite screw		
REF 386-186-00		Scan cap bar incl. prosthetic screw		L 10.0 mm
REF 386-187-00		Scan cap bridge incl. prosthetic screw		L 10.0 mm
REF 386-188-00		Scan cap AngleFix incl. prosthetic screw		L 10.0 mm
REF 386-910-00		AnoTite screw	M 1.6	L 9.0 mm
REF 386-914-00		Prosthetic screw for laboratory use only	M 1.6	L 9.0 mm
REF 386-912-00		AnoTite screw Bar/bridge/AngleFix	M 1.6	L 6.0 mm
REF 386-916-00		Prosthetic screw Bar/bridge/AngleFix for laboratory use only	M 1.6	L 6.0 mm

Components series of abutments S ■ Prosthetics

■ Ceramic

REF 386-113-00		CAD/CAM titanium base S incl. AnoTite screw		
REF 386-910-00		AnoTite screw	M 1.6	L 9.0 mm
REF 386-914-00		Prosthetic screw for laboratory use only	M 1.6	L 9.0 mm

■ Precious metal

REF 386-115-00		Precious metal abutment S, cast-on incl. AnoTite screw		L 12.0 mm
REF 386-910-00		AnoTite screw	M 1.6	L 9.0 mm
REF 386-914-00		Prosthetic screw for laboratory use only	M 1.6	L 9.0 mm

■ Titanium

REF 386-130-00		Titanium abutment S incl. AnoTite screw	GH 1.0 mm	L 7.0 mm
REF 386-131-00		Titanium abutment S incl. AnoTite screw	GH 2.5 mm	L 8.5 mm
REF 386-132-00		Titanium abutment S incl. AnoTite screw	GH 4.0 mm	L 10.0 mm
REF 386-135-00		Titanium abutment S incl. AnoTite screw	GH 1.5 mm 15°	L 9.0 mm,
REF 386-136-00		Titanium abutment S incl. AnoTite screw	GH 3.0 mm 15°	L 10.5 mm,
REF 386-138-00		Titanium abutment S, adjustable cylindrical, incl. AnoTite screw	GH 2.5 mm	L 12.0 mm
REF 386-139-00		Titanium abutment S, adjustable anatomical, incl. AnoTite screw	GH 2.5 mm	L 12.0 mm
REF 386-910-00		AnoTite screw	M 1.6	L 9.0 mm
REF 386-914-00		Prosthetic screw for laboratory use only	M 1.6	L 9.0 mm

Prosthetics ■ Components series of abutments S

■ Bar				
REF 386-140-00		Bar abutment S	GH 1.0 mm	
REF 386-141-00		Bar abutment S	GH 2.5 mm	
REF 386-142-00		Bar abutment S	GH 4.0 mm	
REF 386-143-00		Bar abutment S	GH 5.5 mm	
REF 386-410-00		Closure screw bar	L 3.3 mm	
REF 386-412-00		Impression post bar incl. screw	L 10.0 mm	
REF 386-416-00		Laboratory implant bar	L 12.0 mm	
REF 386-418-00		Precious metal cap bar incl. AnoTite screw	L 12.0 mm	
REF 386-420-00		Plastic cap bar incl. AnoTite screw	L 12.0 mm	
REF 386-422-00		Titanium cap bar incl. AnoTite screw	L 4.5 mm	
REF 386-426-00		Titanium cap bar, adhesive technique incl. AnoTite screw	L 4.5 mm	
REF 386-430-00		Titanium cap bar incl. AnoTite screw	L 10.8 mm	
REF 386-186-00		Scan cap bar incl. prosthetic screw	L 10.0 mm	
REF 330-770-00		Resilient bar rematitan®, macro	B 2.1 mm H 3.0 mm	L 40.0 mm
REF 330-772-00		Bar rider and retention rematitan®, macro	L 40.0 mm	
REF 386-912-00		AnoTite screw Bar/bridge/AngleFix	M 1.6	L 6.0 mm
REF 386-916-00		Prosthetic screw Bar/bridge/AngleFix for laboratory use only	M 1.6	L 6.0 mm

Components series of abutments S ■ Prosthetics

■ Bridge

REF 386-157-00		Bridge abutment S	GH 1.0 mm	
REF 386-158-00		Bridge abutment S	GH 2.5 mm	
REF 386-159-00		Bridge abutment S	GH 4.0 mm	
REF 386-470-00		Closure screw bridge		L 5.0 mm
REF 386-472-00		Impression post bridge, open incl. screw		L 11.0 mm
REF 386-474-00		Impression post bridge, closed, incl. impression cap, cap for bite registration, AnoTite screw		L 7.5 mm
REF 386-462-00		AngleFix/bridge impression cap, closed, 5 pieces		
REF 386-464-00		AngleFix/bridge cap for bite registration, closed, 5 pieces		
REF 386-476-00		Laboratory implant bridge		L 14.0 mm
REF 386-478-00		Plastic cap bridge incl. AnoTite screw		L 11.0 mm
REF 386-480-00		Titanium cap bridge incl. AnoTite screw		L 11.0 mm
REF 386-187-00		Scan cap bridge incl. prosthetic screw		L 11.0 mm
REF 386-912-00		AnoTite screw Bar/bridge/AngleFix	M 1.6	L 6.0 mm
REF 386-916-00		Prosthetic screw Bar/bridge/AngleFix for laboratory use only	M 1.6	L 6.0 mm

Prosthetics ■ Components series of abutments S

■ AngleFix				
REF 386-144-00		AngleFix abutment S	GH 1.0 mm	
REF 386-146-00		AngleFix abutment S incl. AnoTite screw	GH 2.5 mm 18°	
REF 386-148-00		AngleFix abutment S incl. AnoTite screw	GH 2.5 mm 32°	
REF 386-452-00		AngleFix impression post, open incl. screw		
REF 386-454-00		AngleFix impression post closed, incl. impression cap, cap for bite registration, AnoTite screw		
REF 386-462-00		AngleFix/bridge impression cap, closed, 5 pieces		
REF 386-464-00		AngleFix/bridge cap for bite registration, closed, 5 pieces		
REF 386-450-00		AngleFix closure screw		
REF 386-456-00		AngleFix laboratory implant		
REF 386-458-00		AngleFix plastic cap incl. AnoTite screw		
REF 386-460-00		AngleFix titanium cap incl. AnoTite screw		
REF 386-188-00		Scan cap AngleFix incl. prosthetic screw	L 10.0 mm	
REF 386-910-00		AnoTite screw	M 1.6	L 9.0 mm
REF 386-914-00		Prosthetic screw for laboratory use only	M 1.6	L 9.0 mm
REF 386-912-00		AnoTite screw Bar/bridge/AngleFix	M 1.6	L 6.0 mm
REF 386-916-00		Prosthetic screw Bar/bridge/AngleFix for laboratory use only	M 1.6	L 6.0 mm
REF 386-466-18		AngleFix measurement guide	18°	
REF 386-466-32		AngleFix measurement guide	32°	
REF 386-468-00		AngleFix cylindrical pin for screw channel		

Components series of abutments S ■ Prosthetics

■ LOCATOR®			
REF 386-151-00		LOCATOR® abutment S	GH 1.0 mm
REF 386-152-00		LOCATOR® abutment S	GH 2.0 mm
REF 386-153-00		LOCATOR® abutment S	GH 3.0 mm
REF 386-154-00		LOCATOR® abutment S	GH 4.0 mm
REF 386-155-00		LOCATOR® abutment S	GH 5.0 mm
REF 386-512-00		LOCATOR® impression cap 4 pieces	L 4.0 mm
REF 386-514-00		LOCATOR® laboratory implant	L 10.0 mm
REF 386-516-00		LOCATOR® laboratory set incl. retention housing with black processing insert, retention inserts transparent, pink and blue, blocking ring	
REF 386-518-00		LOCATOR® processing insert 4 pieces	black
REF 386-520-00		LOCATOR® retention insert 4 pieces	transparent, 0–10°, medium 2270 g
REF 386-522-00		LOCATOR® retention insert 4 pieces	pink, 0–10°, low 1365 g
REF 386-524-00		LOCATOR® retention insert 4 pieces	blue, 0–10°, very low 680 g
REF 386-530-00		LOCATOR® blocking ring 20 pieces	white
REF 386-532-00		LOCATOR® measurement guide	L 5.0 mm
REF 386-534-00		LOCATOR® angle indication post 4 pieces	L 8.0 mm

Prosthetics ■ Components series of abutments S

■ Ball abutment

REF 386-160-00		Ball abutment S	GH 1.5 mm Ball abutment ø 2.25 mm
REF 386-161-00		Ball abutment S	GH 3.0 mm Ball abutment ø 2.25 mm
REF 386-162-00		Ball abutment S	GH 4.5 mm Ball abutment ø 2.25 mm
REF 386-614-00		Ball abutment laboratory implant	
REF 386-628-00		Matrix Dalbo®-PLUS	
REF 386-629-00		Inner matrix Dalbo®-PLUS	



tiologic[®] **digital.**



The complete solution for the CAD/CAM processes from Dentaureum Implants.

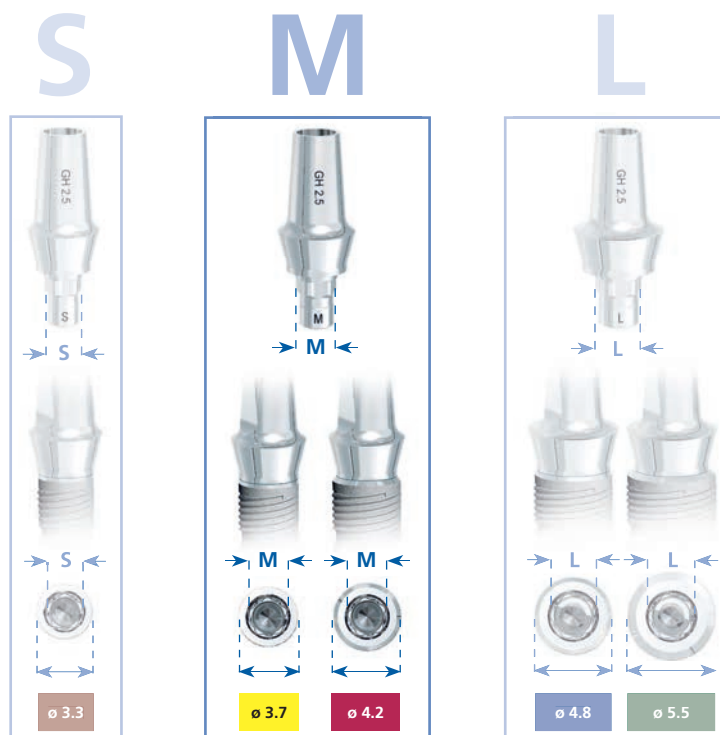
At www.dentaureum-implants.com Dentaureum Implants provides a download service for tiologic[®] CAD/CAM data records for **3shape**, **dental wings** and **exocad** and integrates them into the respective software.





Series of abutments

for $\varnothing$ 3.7 mm and $\varnothing$ 4.2 mm tioLogic® implants.



Components series of abutments M ■ Prosthetics

■ Impression materials

REF 385-210-00		Impression post M, open incl. screw		L 10.0 mm
REF 385-212-00		Impression post M, open incl. screw		L 14.0 mm
REF 385-910-00		Screw for impression post, open, L 10.0 mm	M 1.6	L 16.0 mm
REF 385-912-00		Screw for impression post, open, L 14.0 mm	M 1.6	L 25.0 mm
REF 385-220-00		Impression post M, closed incl. impression cap M, bite registration cap M, Anotite screw		L 7.0 mm
REF 385-222-00		Impression cap M 5 pieces		L 6.0 mm
REF 385-223-00		Bite registration cap M 5 pieces		L 6.0 mm
REF 385-224-00		Positioning aid M for impression post M, closed		L 9.6 mm

■ Model

REF 385-230-00		Laboratory implant M		L 12.0 mm
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■ Temporary restoration

REF 384-230-00		Temporary abutment M incl. screw	GH 3.0 mm	L 12.0 mm
REF 384-910-00		Screw for temporary abutment	M 1.6	L 13.5 mm

Prosthetics ■ Components series of abutments M

■ CAD/CAM components

REF 386-285-00		Scan abutment M incl. prosthetic screw		
REF 386-213-00		CAD/CAM titanium base M incl. AnoTite screw		
REF 386-296-00		Modelling sleeve for CAD CAM titanium base M, adjustable		
REF 386-295-00		CAD/CAM titanium base M CEREC, Sirona, incl. AnoTite screw		
		CAD/CAM titanium base M ZENOTEC®, Wieland, incl. AnoTite screw		
REF 386-297-00		CAD/CAM titanium block M, PreForm incl. AnoTite screw		
REF 386-186-00		Scan cap bar incl. prosthetic screw		L 10.0 mm
REF 386-187-00		Scan cap bridge incl. prosthetic screw		L 10.0 mm
REF 386-188-00		Scan cap AngleFix incl. prosthetic screw		L 10.0 mm
REF 386-910-00		AnoTite screw	M 1.6	L 9.0 mm
REF 386-914-00		Prosthetic screw for laboratory use only	M 1.6	L 9.0 mm
REF 386-912-00		AnoTite screw Bar/bridge/AngleFix	M 1.6	L 6.0 mm
REF 386-916-00		Prosthetic screw Bar/bridge/AngleFix for laboratory use only	M 1.6	L 6.0 mm

Distributed by **WIELAND**
Dental + Technik GmbH & Co. KG

Components series of abutments M ■ Prosthetics

■ Ceramic

REF 386-213-00		CAD/CAM titanium base M incl. AnoTite screw		
REF 386-910-00		AnoTite screw	M 1.6	L 9.0 mm
REF 386-914-00		Prosthetic screw for laboratory use only	M 1.6	L 9.0 mm

■ Precious metal

REF 386-215-00		Precious metal abutment M, cast-on incl. AnoTite screw	L 12.0 mm	
REF 386-910-00		AnoTite screw	M 1.6	L 9.0 mm
REF 386-914-00		Prosthetic screw for laboratory use only	M 1.6	L 9.0 mm

■ Titanium

REF 386-230-00		Titanium abutment M incl. AnoTite screw	GH 1.0 mm	L 7.0 mm
REF 386-231-00		Titanium abutment M incl. AnoTite screw	GH 2.5 mm	L 8.5 mm
REF 386-232-00		Titanium abutment M incl. AnoTite screw	GH 4.0 mm	L 10.0 mm
REF 386-235-00		Titanium abutment M incl. AnoTite screw	GH 1.5 mm, 20°	L 9.0 mm
REF 386-236-00		Titanium abutment M incl. AnoTite screw	GH 3.0 mm, 20°	L 10.5 mm
REF 386-238-00		Titanium abutment M, adjustable cylindrical, incl. AnoTite screw	GH 2.5 mm	L 12.0 mm
REF 386-239-00		Titanium abutment M, adjustable anatomical, incl. AnoTite screw	GH 2.5 mm	L 12.0 mm
REF 386-910-00		AnoTite screw	M 1.6	L 9.0 mm
REF 386-914-00		Prosthetic screw for laboratory use only	M 1.6	L 9.0 mm

Prosthetics ■ Components series of abutments M

■ Bar				
REF 386-240-00		Bar abutment M	GH 1.0 mm	
REF 386-241-00		Bar abutment M	GH 2.5 mm	
REF 386-242-00		Bar abutment M	GH 4.0 mm	
REF 386-243-00		Bar abutment M	GH 5.5 mm	
REF 386-410-00		Closure screw bar	L 3.3 mm	
REF 386-412-00		Impression post bar incl. screw	L 10.0 mm	
REF 386-416-00		Laboratory implant bar	L 12.0 mm	
REF 386-418-00		Precious metal cap bar incl. AnoTite screw	L 12.0 mm	
REF 386-420-00		Plastic cap bar incl. AnoTite screw	L 12.0 mm	
REF 386-422-00		Titanium cap bar incl. AnoTite screw	L 4.5 mm	
REF 386-426-00		Titanium cap bar, adhesive technique incl. AnoTite screw	L 4.5 mm	
REF 386-430-00		Titanium cap bar incl. AnoTite screw	L 10.8 mm	
REF 386-186-00		Scan cap bar incl. prosthetic screw	L 10.0 mm	
REF 330-770-00		Resilient bar rematitan®, macro	B 2.1 mm H 3.0 mm	L 40.0 mm
REF 330-772-00		Bar rider and retention rematitan®, macro	L 40.0 mm	
REF 386-912-00		AnoTite screw Bar/bridge/AngleFix	M 1.6	L 6.0 mm
REF 386-916-00		Prosthetic screw Bar/bridge/AngleFix for laboratory use only	M 1.6	L 6.0 mm

Components series of abutments M ■ Prosthetics

■ Bridge				
REF 386-257-00		Bridge abutment M	GH 1.0 mm	
REF 386-258-00		Bridge abutment M	GH 2.5 mm	
REF 386-259-00		Bridge abutment M	GH 4.0 mm	
REF 386-470-00		Closure screw bridge		L 5.0 mm
REF 386-472-00		Impression post bridge, open incl. screw		L 11.0 mm
REF 386-474-00		Impression post bridge, closed, incl. impression cap, cap for bite registration, AnoTite screw		L 7.5 mm
REF 386-462-00		AngleFix/bridge impression cap, closed, 5 pieces		
REF 386-464-00		AngleFix/bridge cap for bite registration, closed, 5 pieces		
REF 386-476-00		Laboratory implant bridge		L 14.0 mm
REF 386-478-00		Plastic cap bridge incl. AnoTite screw		L 11.0 mm
REF 386-480-00		Titanium cap bridge incl. AnoTite screw		L 11.0 mm
REF 386-187-00		Scan cap bridge incl. prosthetic screw		L 11.0 mm
REF 386-912-00		AnoTite screw Bar/bridge/AngleFix	M 1.6	L 6.0 mm
REF 386-916-00		Prosthetic screw Bar/bridge/AngleFix for laboratory use only	M 1.6	L 6.0 mm

Prosthetics ■ Components series of abutments M

■ AngleFix				
REF 386-244-00		AngleFix abutment M	GH 1.0 mm	
REF 386-246-00		AngleFix abutment M incl. AnoTite screw	GH 2.5 mm 18°	
REF 386-248-00		AngleFix abutment M incl. AnoTite screw	GH 2.5 mm 32°	
REF 386-452-00		AngleFix impression post, open incl. screw		
REF 386-454-00		AngleFix impression post closed, incl. impression cap, cap for bite registration, AnoTite screw		
REF 386-462-00		AngleFix/bridge impression cap, closed, 5 pieces		
REF 386-464-00		AngleFix/bridge cap for bite registration, closed, 5 pieces		
REF 386-450-00		AngleFix closure screw		
REF 386-456-00		AngleFix laboratory implant		
REF 386-458-00		AngleFix plastic cap incl. AnoTite screw		
REF 386-460-00		AngleFix titanium cap incl. AnoTite screw		
REF 386-188-00		Scan cap AngleFix incl. prosthetic screw	L 10.0 mm	
REF 386-910-00		AnoTite screw	M 1.6	L 9.0 mm
REF 386-914-00		Prosthetic screw for laboratory use only	M 1.6	L 9.0 mm
REF 386-912-00		AnoTite screw Bar/bridge/AngleFix	M 1.6	L 6.0 mm
REF 386-916-00		Prosthetic screw Bar/bridge/AngleFix for laboratory use only	M 1.6	L 6.0 mm
REF 386-466-18		AngleFix measurement guide	18°	
REF 386-466-32		AngleFix measurement guide	32°	
REF 386-468-00		AngleFix cylindrical pin for screw channel		

Components series of abutments M ■ Prosthetics

■ LOCATOR®			
REF 386-251-00		LOCATOR® abutment M	GH 1.0 mm
REF 386-252-00		LOCATOR® abutment M	GH 2.0 mm
REF 386-253-00		LOCATOR® abutment M	GH 3.0 mm
REF 386-254-00		LOCATOR® abutment M	GH 4.0 mm
REF 386-255-00		LOCATOR® abutment M	GH 5.0 mm
REF 386-512-00		LOCATOR® impression cap 4 pieces	L 4.0 mm
REF 386-514-00		LOCATOR® laboratory implant	L 10.0 mm
REF 386-516-00		LOCATOR® laboratory set incl. retention housing with black processing insert, retention inserts transparent, pink and blue, blocking ring	
REF 386-518-00		LOCATOR® processing insert 4 pieces	black
REF 386-520-00		LOCATOR® retention insert 4 pieces	transparent, 0–10°, medium 2270 g
REF 386-522-00		LOCATOR® retention insert 4 pieces	pink, 0–10°, low 1365 g
REF 386-524-00		LOCATOR® retention insert 4 pieces	blue, 0–10°, very low 680 g
REF 386-526-00		LOCATOR® retention insert 4 pieces	green*, extended angulation 0–20°, 1.815 g
REF 386-528-00		LOCATOR® retention insert 4 pieces	red*, extended angulation 0–20°, 680 g
REF 386-530-00		LOCATOR® blocking ring 20 pieces	white
REF 386-532-00		LOCATOR® measurement guide	L 5.0 mm
REF 386-534-00		LOCATOR® angle indication post 4 pieces	L 8.0 mm

* not permitted for tioLogic® implants ø 3.3 mm

Prosthetics ■ Components series of abutments M

■ Ball abutment

REF 386-260-00		Ball abutment M	GH 1.5 mm Ball abutment ø 2.25 mm
REF 386-261-00		Ball abutment M	GH 3.0 mm Ball abutment ø 2.25 mm
REF 386-262-00		Ball abutment M	GH 4.5 mm Ball abutment ø 2.25 mm
REF 386-614-00		Ball abutment laboratory implant	
REF 386-628-00		Matrix Dalbo®-PLUS	
REF 386-629-00		Inner matrix Dalbo®-PLUS	

„All-on-4“ restoration



„All-on-4“ restoration

Highly aesthetical, yet economical restorations in an edentulous jaw on four tioLogic® implants (from Dentaaurum Implants GmbH) with a framework milled from remanium® star and with a ceraMotion® veneer.

The amount of bone available in the anterior region is used in such a way that a fixed dental prosthesis over only 4 implants is possible.



tiologic® ST



remanium®
star

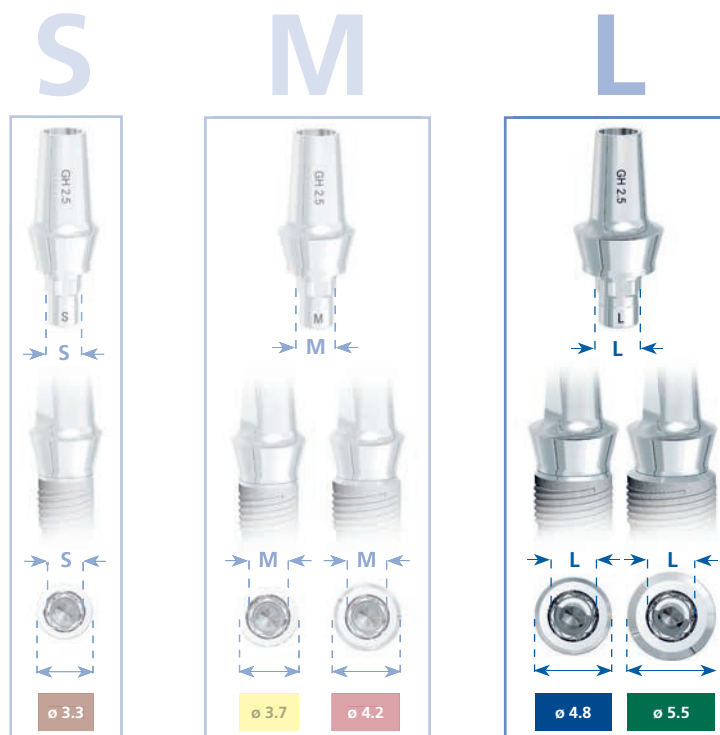


ceraMotion®



Series of abutments

for $\varnothing$ 4.8 mm and $\varnothing$ 5.5 mm tioLogic® implants.



Components series of abutments L ■ Prosthetics

■ Impression materials

REF 385-310-00		Impression post L, open incl. screw		L 10.0 mm
REF 385-312-00		Impression post L, open incl. screw		L 14.0 mm
REF 385-910-00		Screw for impression post, open, L 10.0 mm	M 1.6	L 16.0 mm
REF 385-912-00		Screw for impression post, open, L 14.0 mm	M 1.6	L 25.0 mm
REF 385-320-00		Impression post L, closed incl. impression cap L, bite registration cap L, AnoTite screw		L 7.0 mm
REF 385-322-00		Impression cap L 5 pieces		L 6.0 mm
REF 385-323-00		Bite registration cap L 5 pieces		L 6.0 mm
REF 385-324-00		Positioning aid L for impression post L, closed		L 9.6 mm

■ Model

REF 385-330-00		Laboratory implant L		L 12.0 mm
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■ Temporary restoration

REF 384-330-00		Temporary abutment L incl. screw	GH 3.0 mm	L 12.0 mm
REF 384-910-00		Screw for temporary abutment	M 1.6	L 13.5 mm

Prosthetics ■ Components series of abutments L

■ CAD/CAM components

REF 386-385-00		Scan abutment L incl. prosthetic screw		
REF 386-313-00		CAD/CAM titanium base L incl. AnoTite screw		
REF 386-396-00		Modelling sleeve for CAD CAM titanium base L, adjustable		
REF 386-395-00		CAD/CAM titanium base L CEREC, Sirona, incl. AnoTite screw		
		CAD/CAM titanium base L ZENOTEC®, Wieland, incl. AnoTite screw		
			Distributed by WIELAND Dental + Technik GmbH & Co. KG	
REF 386-397-00		CAD/CAM titanium block L, PreForm incl. AnoTite screw		
REF 386-186-00		Scan cap bar incl. prosthetic screw		L 10.0 mm
REF 386-187-00		Scan cap bridge incl. prosthetic screw		L 10.0 mm
REF 386-188-00		Scan cap AngleFix incl. prosthetic screw		L 10.0 mm
REF 386-910-00		AnoTite screw	M 1.6	L 9.0 mm
REF 386-914-00		Prosthetic screw for laboratory use only	M 1.6	L 9.0 mm
REF 386-912-00		AnoTite screw Bar/bridge/AngleFix	M 1.6	L 6.0 mm
REF 386-916-00		Prosthetic screw Bar/bridge/AngleFix for laboratory use only	M 1.6	L 6.0 mm

Components series of abutments L ■ Prosthetics

■ Ceramic

REF 386-313-00		CAD/CAM titanium base L incl. AnoTite screw		
REF 386-910-00		AnoTite screw	M 1.6	L 9.0 mm
REF 386-914-00		Prosthetic screw for laboratory use only	M 1.6	L 9.0 mm

■ Precious metal

REF 386-315-00		Precious metal abutment L, cast-on incl. AnoTite screw		L 12.0 mm
REF 386-910-00		AnoTite screw	M 1.6	L 9.0 mm
REF 386-914-00		Prosthetic screw for laboratory use only	M 1.6	L 9.0 mm

■ Titanium

REF 386-330-00		Titanium abutment L incl. AnoTite screw	GH 1.0 mm	L 7.0 mm
REF 386-331-00		Titanium abutment L incl. AnoTite screw	GH 2.5 mm	L 8.5 mm
REF 386-332-00		Titanium abutment L incl. AnoTite screw	GH 4.0 mm	L 10.0 mm
REF 386-335-00		Titanium abutment L incl. AnoTite screw	GH 1.5 mm, 20°	L 9.0 mm
REF 386-336-00		Titanium abutment L incl. AnoTite screw	GH 3.0 mm, 20°	L 10.5 mm
REF 386-338-00		Titanium abutment L, adjustable cylindrical, incl. AnoTite screw	GH 2.5 mm	L 12.0 mm
REF 386-339-00		Titanium abutment L, adjustable anatomical, incl. AnoTite screw	GH 2.5 mm	L 12.0 mm
REF 386-910-00		AnoTite screw	M 1.6	L 9.0 mm
REF 386-914-00		Prosthetic screw for laboratory use only	M 1.6	L 9.0 mm

Prosthetics ■ Components series of abutments L

■ Bar				
REF 386-340-00		Bar abutment L	GH 1.0 mm	
REF 386-341-00		Bar abutment L	GH 2.5 mm	
REF 386-342-00		Bar abutment L	GH 4.0 mm	
REF 386-343-00		Bar abutment L	GH 5.5 mm	
REF 386-410-00		Closure screw bar	L 3.3 mm	
REF 386-412-00		Impression post bar incl. screw	L 10.0 mm	
REF 386-416-00		Laboratory implant bar	L 12.0 mm	
REF 386-418-00		Precious metal cap bar incl. AnoTite screw	L 12.0 mm	
REF 386-420-00		Plastic cap bar incl. AnoTite screw	L 12.0 mm	
REF 386-422-00		Titanium cap bar incl. AnoTite screw	L 4.5 mm	
REF 386-426-00		Titanium cap bar, adhesive technique incl. AnoTite screw	L 4.5 mm	
REF 386-430-00		Titanium cap bar incl. AnoTite screw	L 10.8 mm	
REF 386-186-00		Scan cap bar incl. prosthetic screw	L 10.0 mm	
REF 330-770-00		Resilient bar rematitan®, macro	B 2.1 mm H 3.0 mm	L 40.0 mm
REF 330-772-00		Bar rider and retention rematitan®, macro	L 40.0 mm	
REF 386-912-00		AnoTite screw Bar/bridge/AngleFix	M 1.6	L 6.0 mm
REF 386-916-00		Prosthetic screw Bar/bridge/AngleFix for laboratory use only	M 1.6	L 6.0 mm

Components series of abutments L ■ Prosthetics

■ Bridge				
REF 386-357-00		Bridge abutment L	GH 1.0 mm	
REF 386-358-00		Bridge abutment L	GH 2.5 mm	
REF 386-359-00		Bridge abutment L	GH 4.0 mm	
REF 386-470-00		Closure screw bridge		L 5.0 mm
REF 386-472-00		Impression post bridge, open incl. screw		L 11.0 mm
REF 386-474-00		Impression post bridge, closed, incl. impression cap, cap for bite registration, AnoTite screw		L 7.5 mm
REF 386-462-00		AngleFix/bridge impression cap, closed, 5 pieces		
REF 386-464-00		AngleFix/bridge cap for bite registration, closed, 5 pieces		
REF 386-476-00		Laboratory implant bridge		L 14.0 mm
REF 386-478-00		Plastic cap bridge incl. AnoTite screw		L 11.0 mm
REF 386-480-00		Titanium cap bridge incl. AnoTite screw		L 11.0 mm
REF 386-187-00		Scan cap bridge incl. prosthetic screw		L 11.0 mm
REF 386-912-00		AnoTite screw Bar/bridge/AngleFix	M 1.6	L 6.0 mm
REF 386-916-00		Prosthetic screw Bar/bridge/AngleFix for laboratory use only	M 1.6	L 6.0 mm

Prosthetics ■ Components series of abutments L

■ AngleFix				
REF 386-344-00		AngleFix abutment L	GH 1.0 mm	
REF 386-346-00		AngleFix abutment L incl. AnoTite screw	GH 2.5 mm 18°	
REF 386-348-00		AngleFix abutment L incl. AnoTite screw	GH 2.5 mm 32°	
REF 386-452-00		AngleFix impression post, open incl. screw		
REF 386-454-00		AngleFix impression post closed, incl. impression cap, cap for bite registration, AnoTite screw		
REF 386-462-00		AngleFix/bridge impression cap, closed, 5 pieces		
REF 386-464-00		AngleFix/bridge cap for bite registration, closed, 5 pieces		
REF 386-450-00		AngleFix closure screw		
REF 386-456-00		AngleFix laboratory implant		
REF 386-458-00		AngleFix plastic cap incl. AnoTite screw		
REF 386-460-00		AngleFix titanium cap incl. AnoTite screw		
REF 386-188-00		Scan cap AngleFix incl. prosthetic screw	L 10.0 mm	
REF 386-910-00		AnoTite screw	M 1.6	L 9.0 mm
REF 386-914-00		Prosthetic screw for laboratory use only	M 1.6	L 9.0 mm
REF 386-912-00		AnoTite screw Bar/bridge/AngleFix	M 1.6	L 6.0 mm
REF 386-916-00		Prosthetic screw Bar/bridge/AngleFix for laboratory use only	M 1.6	L 6.0 mm
REF 386-466-18		AngleFix measurement guide	18°	
REF 386-466-32		AngleFix measurement guide	32°	
REF 386-468-00		AngleFix cylindrical pin for screw channel		

Components series of abutments L ■ Prosthetics

■ LOCATOR®			
REF 386-351-00		LOCATOR® abutment L	GH 1.0 mm
REF 386-352-00		LOCATOR® abutment L	GH 2.0 mm
REF 386-353-00		LOCATOR® abutment L	GH 3.0 mm
REF 386-354-00		LOCATOR® abutment L	GH 4.0 mm
REF 386-355-00		LOCATOR® abutment L	GH 5.0 mm
REF 386-512-00		LOCATOR® impression cap 4 pieces	L 4.0 mm
REF 386-514-00		LOCATOR® laboratory implant	L 10.0 mm
REF 386-516-00		LOCATOR® laboratory set incl. retention housing with black processing insert, retention inserts transparent, pink and blue, blocking ring	
REF 386-518-00		LOCATOR® processing insert 4 pieces	black
REF 386-520-00		LOCATOR® retention insert 4 pieces	transparent, 0–10°, medium 2270 g
REF 386-522-00		LOCATOR® retention insert 4 pieces	pink, 0–10°, low 1365 g
REF 386-524-00		LOCATOR® retention insert 4 pieces	blue, 0–10°, very low 680 g
REF 386-526-00		LOCATOR® retention insert 4 pieces	green*, extended angulation 0–20°, 1.815 g
REF 386-528-00		LOCATOR® retention insert 4 pieces	red*, extended angulation 0–20°, 680 g
REF 386-530-00		LOCATOR® blocking ring 20 pieces	white
REF 386-532-00		LOCATOR® measurement guide	L 5.0 mm
REF 386-534-00		LOCATOR® angle indication post 4 pieces	L 8.0 mm

* not permitted for tioLogic® implants ø 3.3 mm

Prosthetics ■ Components series of abutments L

■ Ball abutment

REF 386-360-00		Ball abutment L	GH 1.5 mm Ball abutment ø 2.25 mm
REF 386-361-00		Ball abutment L	GH 3.0 mm Ball abutment ø 2.25 mm
REF 386-362-00		Ball abutment L	GH 4.5 mm Ball abutment ø 2.25 mm
REF 386-614-00		Ball abutment laboratory implant	
REF 386-628-00		Matrix Dalbo®-PLUS	
REF 386-629-00		Inner matrix Dalbo®-PLUS	



tiologic[®] **digital.**



The complete solution for the CAD/CAM processes from Dentaurem Implants.

At www.dentaurem-implants.com Dentaurem Implants provides a download service for tiologic[®] CAD/CAM data records for **3shape**, **dental wings** and **exocad** and integrates them into the respective software.



ACCESSORIES



YES!



I WANT A MODERN IMPLANT SYSTEM.

Product development of surgical and prosthetic accessories at Dentaurem Implants also focuses on the user. An efficient, reliable, precise technique is only possible with an implant system that has specifically designed accessories.



Accessories ■ Surgery

■ Single items

REF 387-509-00		Drill extension – ISO shank hexagon		L 21.0 mm
REF 387-511-00		Adapter – ISO shank hexagon/ ratchet		L 15.0 mm
REF 387-514-00		Paralleling pin	ø 1.4 / 2.0 mm	L 27.0 mm
REF 387-523-00		Implant insertion key – ratchet ø 3.3 mm	ø 3.3 mm	
REF 387-524-00		Implant insertion key – ratchet ø 3.7 mm / ø 4.2 mm	ø 3.7 / 4.2 mm	
REF 387-525-00		Implant insertion key – ratchet ø 4.8 / ø 5.5 mm	ø 4.8 / 5.5 mm	
REF 387-515-00		Hex key – ISO shank hexagon	SW 2.5	L 19.0 mm
REF 387-516-00		Hex key – ISO shank	SW 2.5	L 19.0 mm
REF 387-517-00		Hex key – ISO shank hexagon	SW 2.5	L 25.0 mm
REF 387-518-00		Hex key – ISO shank	SW 2.5	L 25.0 mm
REF 387-519-00		Hex key – ratchet	SW 2.5	L 8.0 mm
REF 387-520-00		Hex key – ratchet	SW 2.5	L 13.0 mm
REF 387-522-00		Hex key – ratchet	SW 2.5	L 23.0 mm
REF 300-006-00		Material plates 3 pieces		
REF 381-500-00		Holder for inner sleeve		
REF 387-530-00		Cleaning pin		

■ Osteotomy – single items

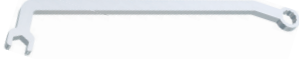
REF 350-105-00		OsteotomicHold	
REF 350-140-00		Osteotome convex, straight	ø 2.4 mm
REF 350-141-00		Osteotome convex, straight	ø 3.1 mm
REF 350-142-00		Osteotome convex, straight	ø 3.7 mm
REF 350-143-00		Osteotome convex, straight	ø 4.2 mm
REF 350-145-00		Osteotome convex, angled	ø 2.4 mm
REF 350-146-00		Osteotome convex, angled	ø 3.1 mm
REF 350-147-00		Osteotome convex, angled	ø 3.7 mm
REF 350-148-00		Osteotome convex, angled	ø 4.2 mm
REF 350-150-00		Osteotome concave, straight	ø 2.4 mm
REF 350-151-00		Osteotome concave, straight	ø 3.1 mm
REF 350-152-00		Osteotome concave, straight	ø 3.7 mm
REF 350-153-00		Osteotome concave, straight	ø 4.2 mm
REF 350-155-00		Osteotome concave, angled	ø 2.4 mm
REF 350-156-00		Osteotome concave, angled	ø 3.1 mm
REF 350-157-00		Osteotome concave, angled	ø 3.7 mm
REF 350-158-00		Osteotome concave, angled	ø 4.2 mm
REF 350-160-00		Bone chisel	4.0 mm
REF 350-161-00		Bone chisel	6.0 mm

Accessories ■ Surgery – single items trays

■ Bone regeneration – single items

REF 360-110-00		Titanium mesh	25.0 x 15.0 x 0.2 mm
REF 360-120-00		Titanium mesh	30.0 x 30.0 x 0.2 mm
REF 360-210-00		Bone screw titanium 5 pieces	1.0 x 2.0 mm
REF 360-220-00		Bone screw titanium 5 pieces	1.0 x 3.0 mm
REF 360-240-00		Bone screw titanium 5 pieces	1.0 x 4.0 mm
REF 360-250-00		Bone screw titanium 2 pieces	1.0 x 5.0 mm
REF 360-230-00		Bone screw titanium 2 pieces	1.2 x 3.0 mm
REF 360-400-00		Screwdriver handle, square tip	
REF 360-401-00		Square tip for screw ø 1.0 mm/1.2 mm	
REF 360-410-00		Wire cutter curved	
REF 360-500-00		Pre-drill with depth stop	0.7 x 3.5 mm
REF 360-502-00		Pre-drill for predrilling bone blocks	1.1/1.6 x 11.0 mm

■ Single items

REF 385-124-00		Positioning aid S for impression post S, closed		L 9.6 mm
REF 385-224-00		Positioning aid M for impression post M, closed		L 9.6 mm
REF 385-324-00		Positioning aid L for impression post L, closed		L 9.6 mm
REF 387-610-00		Hex key ISO shank	SW 1.3	L 20.0 mm
REF 387-612-00		Hex key ISO shank	SW 1.3	L 26.0 mm
REF 387-620-00		Hex key ratchet	SW 1.3	L 16.0 mm
REF 387-622-00		Hex key ratchet	SW 1.3	L 26.0 mm
REF 387-642-00		Insertion key bar/bridge/AngleFix – ratchet, incl. screw		L 15.0 mm
REF 387-644-00		Insertion key bar/bridge/AngleFix – ratchet, incl. screw		L 20.0 mm
REF 387-650-00		Insertion key LOCATOR® abutment – ratchet		L 15.5 mm
REF 387-660-00		Insertion key Ball abutment – ratchet		L 15.0 mm
REF 387-800-00		Torque ratchet with blocking function – scaled-down illustration –	15 – ∞ Ncm	
REF 387-602-00		Sure-grip wheel – scaled-down illustration –	ø 18.0 mm	
REF 387-604-00		Locking key for insertion aid – scaled-down illustration –	SW 3.6	L 79.0 mm
REF 387-415-00		Silicone o-rings 10 pieces		

Accessories ■ Prosthetics

■ Single items

REF 387-112-00		Polishing aid S
REF 387-212-00		Polishing aid M
REF 387-312-00		Polishing aid L
REF 387-116-00		Holder ceramic abutment S, M – scaled-down illustration –
REF 387-316-00		Holder ceramic abutment L – scaled-down illustration –
REF 330-831-00		AnatomicHold – scaled-down illustration –
REF 387-720-00		Milling cutter – bar abutment
REF 387-730-00		Countersink – screw fit AnoTite screw – scaled-down illustration –
REF 330-832-00		AnatomicTwist – scaled-down illustration –
REF 387-662-00		Screwdriver for inner matrix Dalbo®-PLUS
REF 387-745-00		LOCATOR® instrument
REF 386-468-00		AngleFix cylindrical pin for screw channel

■ Selection aid set

REF 388-400-00		Selection aid set S/M/L
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■ Demonstration models

REF 388-452-00		Demo implant tioLogic® ST , M	scale 5:1
REF 388-420-00		Demo implant tioLogic® M	scale 5:1
REF 388-432-00		Demo titanium abutment M GH 2.5 mm, with AnoTite screw	scale 5:1
REF 388-448-00		Acrylic display for demo M, equipped	scale 5:1
REF 388-410-00		Demo model acrylic, upper jaw, partially toothed, 4 implants, without prosthetics	scale 1:1



SERVICE.

YES!



**I WANT
QUALIFIED
EXPERT KNOWLEDGE.**

In implantology in particular, comprehensive, concise and significant information is indispensable. Therefore most of the information around the tioLogic® implant system are available both in digital and in traditional form.



Service.

Information material.

B Basic user documentation.

The basic folder presents facts concisely on the most important tioLogic® components and their advantage to the user. The Surgery Manual describes the complete process from diagnosis and implant insertion to impression taking. The Prosthetic Manual carries on where the Surgery Manual left off; describing various methods of prosthetic restoration by means of many diagrams and photos.

S Specialized user information.

Use the Implant Planning form to fill out all relevant planning details and transfer these to the dental laboratory for prosthetic planning. The Surgical Protocol documents after surgery all data specific to the implant and the insertion operation for each individual case. The Practice Record Card acts as a messenger between dental office and dental laboratory making for effective and rapid communication of all relevant implant and prosthetic data.

G Documentation for personal consultancy.

This specialized communication medium is designed for use in personal patient consultancy. It acts as a guideline and explains the principle behind implant treatment in a clear and comprehensible manner.

P Patient Information.

Extensive patient advice and education builds trust in the clinician and is an important premise for the success of treatment with dental prosthetics. Dentaurem Implants offer a compact range of high-quality materials developed in close cooperation with experienced users.

■ tioLogic® information material for user

REF 989-965-20 **B** Product catalog, tioLogic® implant system

REF 989-767-10 **S** Bibliography

Surgery

REF 989-958-20 **B** Basic folder, tioLogic® implant system

REF 989-959-20 **B** Surgery Manual, tioLogic® implant system

REF 989-623-20 **B** Folder easyClean for tioLogic®

REF 989-998-20 **B** Processing Instructions easyClean for tioLogic®

REF 989-608-20 **B** Folder pOosition for tioLogic®

REF 989-187-12 **S** Preparation protocol with STANDARD preparation instruments.

REF 989-187-22 **S** Preparation protocol with ADVANCED preparation instruments.

REF 989-193-20 **B** Surgical tray ADVANCED for tioLogic® – Equipment, insertion steps, torques (laminated)

REF 989-188-12 **S** tioLogic® overview – Tightening torques, torque ratchet (laminated)

REF 989-966-02 **S** Surgical Protocol, tioLogic® implant system

REF 989-966-32 **S** Implant Planning, tioLogic® implant system

Prosthetics

REF 989-960-20 **B** Prosthetics Manual, tioLogic® implant system

REF 989-702-12 **B** tioLogic® digital.

REF 989-966-22 **S** Practice Record Card, tioLogic® implant system

■ tioLogic® information material for patients

REF 989-996-20 **P** tioLogic® patient information

REF 989-961-20 **P** PatientPass tioLogic®

Service ■ Treatment examples

■ Single crown, cemented, closed impression, titanium abutment, angulated 20°

Designation	Illustration	Place	Quantity
tioLogic® ST implant		Practice	1
Gingiva former		Practice	1
Impression post, closed		Practice	1
Laboratory implant		Laboratory	1
Titanium abutment 20°		Laboratory	1

■ Single crown, cemented, open impression, titanium abutment

Designation	Illustration	Place	Quantity
tioLogic® ST implant		Practice	1
Gingiva former		Practice	1
Impression post, open		Practice	1
Laboratory implant		Laboratory	1
Titanium abutment, straight		Laboratory	1

Service ■ Treatment examples

■ Single crown, occlusally screw-retained, open impression, precious metal abutment

Designation	Illustration	Place	Quantity
tioLogic® ST implant		Practice	1
Gingiva former		Practice	1
Impression post, open		Practice	1
Laboratory implant		Laboratory	1
Precious metal abutment		Laboratory	1

■ Long-term temporary restoration, temporary titanium cap bar

Designation	Illustration	Place	Quantity
tioLogic® ST implant		Practice	4
Bar abutment		Practice	4
Temporary titanium cap bar		Practice	4

■ Bar immediate restoration, impression over bar abutment, prefabricated titanium bar

Designation	Illustration	Place	Quantity
tioLogic® ST implant		Practice	2
Bar abutment		Practice	2
Closure screw bar		Practice	2
Impression post bar		Practice	2
Laboratory implant bar		Laboratory	2
Titanium cap bar		Laboratory	2
Resilient bar macro rematitan®		Laboratory	1

■ Bar restoration, open impression, prefabricated titanium bar

Designation	Illustration	Place	Quantity
tioLogic® ST implant		Practice	2
Gingiva former		Practice	2
Impression post, open		Practice	2
Laboratory implant		Laboratory	2
Bar abutment		Practice	2
Titanium cap bar		Laboratory	2
Resilient bar macro rematitan®		Laboratory	1

Service ■ Treatment examples

■ Bar restoration, open impression, milled bar, without resilient bar

Designation	Illustration	Place	Quantity
tioLogic® ST implant		Practice	2
Gingiva former		Practice	2
Impression post, open		Practice	2
Laboratory implant		Laboratory	2
Bar abutment		Laboratory	2
Plastic cap bar		Laboratory	2

■ Bar restoration, open impression, titanium caps for the adhesive technique, without resilient bar

Designation	Illustration	Place	Quantity
tioLogic® ST implant		Practice	4
Gingiva former		Practice	4
Impression post, open		Practice	4
Laboratory implant		Laboratory	4
Bar abutment		Laboratory	4
Titanium cap bar, adhesive technique		Laboratory	3
Precious metal cap bar		Laboratory	1

■ Bridge, open impression, cast, without pontic

Designation	Illustration	Place	Quantity
tioLogic® ST implant		Practice	2
Gingiva former		Practice	2
Impression post, open		Practice	2
Laboratory implant		Laboratory	2
Bridge abutment		Laboratory	2
Plastic cap bridge abutment		Laboratory	2

■ Double crown restoration / telescope, open impression, precious metal abutment

Designation	Illustration	Place	Quantity
tioLogic® ST implant		Practice	4
Gingiva former		Practice	4
Impression post, open		Practice	4
Laboratory implant		Laboratory	4
Precious metal abutment		Laboratory	4

■ Ball abutment restoration, impression over ball abutment, denture remake

Designation	Illustration	Place	Quantity
tioLogic® ST implant		Practice	2
Ball abutment		Practice	2
Matrix Dalbo®-PLUS		Practice	2

Service ■ Treatment examples

■ Ball abutment restoration, open impression, preparation prosthesis

Designation	Illustration	Place	Quantity
tioLogic® ST implant		Practice	2
Gingiva former		Practice	2
Impression post, open		Practice	2
Laboratory implant		Laboratory	2
Ball abutment		Laboratory	2
Matrix Dalbo®-Plus		Laboratory	2

■ LOCATOR® restoration, impression over LOCATOR® abutment

Designation	Illustration	Place	Quantity
tioLogic® ST implant		Practice	2
LOCATOR® abutment		Practice	2
LOCATOR® impression cap		Practice	2
LOCATOR® laboratory implant		Laboratory	2
LOCATOR® laboratory set		Laboratory	2

■ AngleFix restoration 18°, impression over AngleFix abutment

Designation	Illustration	Place	Quantity
tioLogic® ST implant		Practice	4
AngleFix 0°		Practice	2
AngleFix 18°		Practice	2
AngleFix impression post, open		Practice	4
AngleFix closure screw		Practice	4
AngleFix laboratory implant		Laboratory	4
AngleFix plastic cap		Laboratory	4

■ AngleFix restoration 32°, impression over AngleFix abutment

Designation	Illustration	Place	Quantity
tioLogic® ST implant		Practice	4
AngleFix 0°		Practice	2
AngleFix 32°		Practice	2
AngleFix impression post, open		Practice	4
AngleFix closure screw		Practice	4
AngleFix laboratory implant		Laboratory	4
AngleFix plastic cap		Laboratory	4

Date of issue: _____

Patient:

First name:	
Surname:	
Date of birth:	

Practice:

--

Planned prosthetic restoration:

cement-retained / screw-retained		removable				
Single restoration	Bridgework	Resilient bar / Bar attachment	Milled bar	Telescope	Ball attachment	LOCATOR®
E	B	S	G	T	K	L

Planned implant position / Type of implant:

18	17	16	15	14	13	12	11		21	22	23	24	25	26	27	28
∅	∅	∅	∅	∅	∅	∅	∅	Implant dimensions ¹	∅	∅	∅	∅	∅	∅	∅	∅
L	L	L	L	L	L	L	L		L	L	L	L	L	L	L	L
∅	∅	∅	∅	∅	∅	∅	∅	Implant dimensions ¹	∅	∅	∅	∅	∅	∅	∅	∅
L	L	L	L	L	L	L	L		L	L	L	L	L	L	L	L
48	47	46	45	44	43	42	41		31	32	33	34	35	36	37	38

¹ Implant dimensions / Series of abutments (S-M-L concept):

Implant length	7.0 / 9.0 / 11.0 / 13.0 / 15.0					
Implant diameter	3.3 mm	3.7 mm	4.2 mm	4.8 mm	5.5 mm	
Series of abutments	S	M		L		

All components are marked with the relevant series of abutment S, M or L. The 3.3 mm ∅ implants are not available in a 7.0 mm length.

Pack contents practice / laboratory:

Pack contents practice:

Impressions for working models ☐ _____
 Impressions for situation models ☐ _____
 Photographs ☐ _____
 Bite registration ☐ _____
 Tooth shade ☐ _____

Pack contents dental laboratory:

Surgical stent ☐ _____
 Temporary restoration ☐ _____
 Quote ☐ _____
 Other _____

Comments:

--

Custom tray	Stock tray	Model	Bite	Restoration	Articulator	Facebow	Photo	Finish
Upper	Upper	Upper	Upper					
Lower	Lower	Lower	Lower					

Call back request ☐

■ Practice

REF 989-966-02 Surgical Protocol

Date of issue: _____

Patient:

First name:	
Surname:	
Date of birth:	
Insurance company:	

Practice:

--

Implant location:

18	17	16	15	14	13	12	11		21	22	23	24	25	26	27	28
Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Implant dimensions ¹ (label) After implant placement the adhesive labels included in the implant packaging can be used for documentation.	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø
L	L	L	L	L	L	L	L		L	L	L	L	L	L	L	L
Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Implant dimensions ¹ (label) After implant placement the adhesive labels included in the implant packaging can be used for documentation.	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø
L	L	L	L	L	L	L	L		L	L	L	L	L	L	L	L
48	47	46	45	44	43	42	41		31	32	33	34	35	36	37	38

Dates of implant treatment:

Operator _____

Medication Preoperative ☐ _____ Postoperative ☐ _____

Anaesthesia / Quantity Block anaesthesia ☐ _____ Infiltration anaesthesia ☐ _____

Bone quality ☐ D1 (dense compact bone) ☐ D3 (thin, porous compact bone / open meshed spongiosa)

☐ D2 (porous compact bone / dense spongiosa) ☐ D4 (virtually no compact bone / open meshed spongiosa)

Augmentation / Augmentation material ☐ _____

Sinus lift / Augmentation material ☐ _____

Bone graft / Harvest site ☐ _____

Membrane ☐ _____

Bone Condensing ☐ _____

Bone Spreading ☐ _____

Other ☐ _____

Complications:

☐ Maxillary sinus perforation ☐ Mandibular canal damage ☐ Wound infection Other: _____

☐ Nasal cavity perforation ☐ Adjacent structure damage ☐ Suture dehiscence _____

¹ Implant dimensions / Series of abutments (S-M-L concept):

Implant length	7.0 / 9.0 / 11.0 / 13.0 / 15.0				
Implant diameter	3.3 mm	3.7 mm	4.2 mm	4.8 mm	5.5 mm
Series of abutments	S	M		L	

All components are marked with the relevant series of abutment S, M or L. The 3.3 mm Ø implants are not available in a 7.0 mm length.

Comments:



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www.dentaurum-implants.com | info@dentaurum-implants.com

■ Laboratory

REF 989-966-22 Practice Record Card

Date of issue: _____

Patient:

First name:	
Surname:	
Date of birth:	

Practice: _____ **Dental laboratory:** _____

Technician: _____

Date received: _____

Date sent: _____ Date sent: _____

Implant location:

18	17	16	15	14	13	12	11		21	22	23	24	25	26	27	28
☐	☐	☐	☐	☐	☐	☐	☐	Implant dimensions ¹ (label) After implant placement the adhesive labels included in the implant packaging can be used for documentation.	☐	☐	☐	☐	☐	☐	☐	☐
L	L	L	L	L	L	L	L		L	L	L	L	L	L	L	L
								Abutment (Refer to label for description)								
								Prosthetic restoration ²								
☐	☐	☐	☐	☐	☐	☐	☐	Implant dimensions ¹ (label) After implant placement the adhesive labels included in the implant packaging can be used for documentation.	☐	☐	☐	☐	☐	☐	☐	☐
L	L	L	L	L	L	L	L		L	L	L	L	L	L	L	L
								Abutment (Refer to label for description)								
								Prosthetic restoration ²								
48	47	46	45	44	43	42	41		31	32	33	34	35	36	37	38

¹ Implant dimensions / Series of abutments (S-M-L concept):

Implant length	7.0 / 9.0 / 11.0 / 13.0 / 15.0 mm				
Implant diameter	3.3 mm	3.7 mm	4.2 mm	4.8 mm	5.5 mm
Series of abutments	S	M	L		

All components are marked with the relevant series of abutment S, M or L. The 3.3 mm Ø implants are not available in a 7.0 mm length.

² Prosthetic restoration:

cement-retained / screw-retained		removable				
Single restoration	Bridgework	Resilient bar / Bar attachment	Milled bar	Telescope	Ball attachment	LOCATOR®
E	B	S	G	T	K	L

Material information:

Alloy: ☐ _____ Adhesive: ☐ _____ Ceramic: ☐ _____

Solder: ☐ _____ Acrylic: ☐ _____ Tooth shade: ☐ _____

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Technical information.



Table – Tightening torques for implants.*

The torque ratchet is intended for clinical use only.

Prosthetic screws should be tightened manually in the laboratory.

Implant types		(depending on the bone density) max. 40 Ncm	
Closure screw		15 Ncm or manually	
Implant			
Closure screw		15 Ncm or manually	
bar abutment			
Closure screw		15 Ncm or manually	
bridge abutment			
Closure screw		15 Ncm or manually	
AngleFix abutment			
Gingiva former		15 Ncm or manually	
Screw for impression post		15 Ncm or manually	
Screw for temporary abutment		15 Ncm or manually	
AnoTite screw 9.0 mm		30 Ncm	
Bar abutment		35 Ncm	
Bridge abutment		35 Ncm	
AngleFix abutment 0° GH 1.0 mm		35 Ncm	
AnoTite screw Bar, bridge, AngleFix abutment L 6.0 mm		25 Ncm	
Ball abutment		35 Ncm	
LOCATOR® abutment		30 Ncm	

* primary stable and osseointegrated

Technical information ■ Material data

■ Pure titanium DIN EN ISO 5832-2

Chemical composition (% by mass)	O	0.4 % max.
	Fe	0.5 % max.
	C	0.1 % max.
	N	0.05 % max.
	H	0.012 % max.
	Ti	Residue
Physical and mechanical properties	0.2 yield strength	520 MPa min.
	Tensile strength	680 MPa min.
	Elongation at rupture	10 % min.

■ Titanium alloy DIN EN ISO 5832-3

Chemical composition (% by mass)	Al	5.5 % – 6.75 %
	V	3.5 % – 4.5 %
	Fe	0.3 % max.
	C	0.08 % max.
	N	0.05 % max.
	H	0.015 % max.
	O	0.2 % max.
	Ti	Residue
Physical and mechanical properties	0.2 yield strength	780 MPa
	Tensile strength	860 MPa
	Elongation at rupture	10 % min.

■ Precious metal alloy

Chemical composition (% by mass)	Au	60 %
	Pt	19 %
	Pd	20 %
	Ir	1 %
Physical and mechanical properties	Density	17.5 g/cm ³
	Melting range	1400 °C – 1490 °C
	Tensile strength	> 750 MPa
	Hardness	> 215 HV5
	0.2 yield strength	> 650 MPa
	Modulus of elasticity	136 GPa
	Elongation at rupture	> 2%
	CTE [25 – 500 °C]	11.9 x 10 ⁻⁶ K ⁻¹
	WAK [25 – 600 °C]	12.2 x 10 ⁻⁶ K ⁻¹
	Condition	15 – 75 % KV
	Precious metal abutment S	0.307 g
	Precious metal abutment M	0.359 g
	Precious metal abutment L	0.482 g
	Precious metal cap bar	0.260 g

■ PEEK

Chemical composition (% by mass)	Thermoplastic high-performance polymer	
Physical and mechanical properties	Yield strength	95 MPa
	Elongation	> 25 %
	Modulus of elasticity	4.2 GPa
	Operating temperature	260 °C / 300 °C (continuous / temporary)

Quality assurance.



Quality assurance for the user and patient.

Dentauro IMPLANT looks back on more than 20 years of experience in implantology, the mother concern Dentauro, on 130 years experience in prosthetics. This solid foundation ensured that development was based on a wealth of experience with the focus on the user and high-quality production of the tioLogic® implant system.

In all its business activities Dentauro IMPLANT GmbH, like the parent company Dentauro, meets the requirements of the international quality management standards.

Norms:

- DIN EN ISO 9001:2000
Quality Management Systems
- DIN EN ISO 13485 Medical Devices –
Quality Management Systems

The term "quality management" covers systematic planning, implementation and documentation of all activities that have an influence on the quality of a product before, during and after its manufacture. The focus is not therefore solely on the final inspection of a product but on continuous quality control during development of the product, from raw material to manufacture right through to storage and sale. The above standards define in detail the criteria for ensuring comprehensive quality assurance by a company for all its operating procedures.

Based on this quality management system Dentauro IMPLANT guarantees traceability and that the quality of the products and services will meet the expectations of the customers and patients. The products fulfill the fundamental requirements of medical products in terms of product performance and patient safety as defined in European laws and directives. As the respective products of Dentauro IMPLANT GmbH meet the requirements of the European Directive 93/42/EEC for medical products, they carry the CE mark.

Eco-management system.

The eco-management system and the quality management system are integrated in the Dentaureum Group management system. The eco-management system is implemented by the Management System Working Group, which is made up of members representing eco-protection, hazardous goods safety, health and safety, material science and quality management.

Scope of validation.

The eco-policy, eco-management system, eco-programme, eco-audit completed, eco-audit scheme and the basic environmental statement of Dentaureum GmbH & Co. KG and Dentaureum Implants GmbH, Ispringen, Turnstraße 31, Germany, fully comply with the standards and requirements of the Regulation (EEC) No. 761/2001 (EMAS II).

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