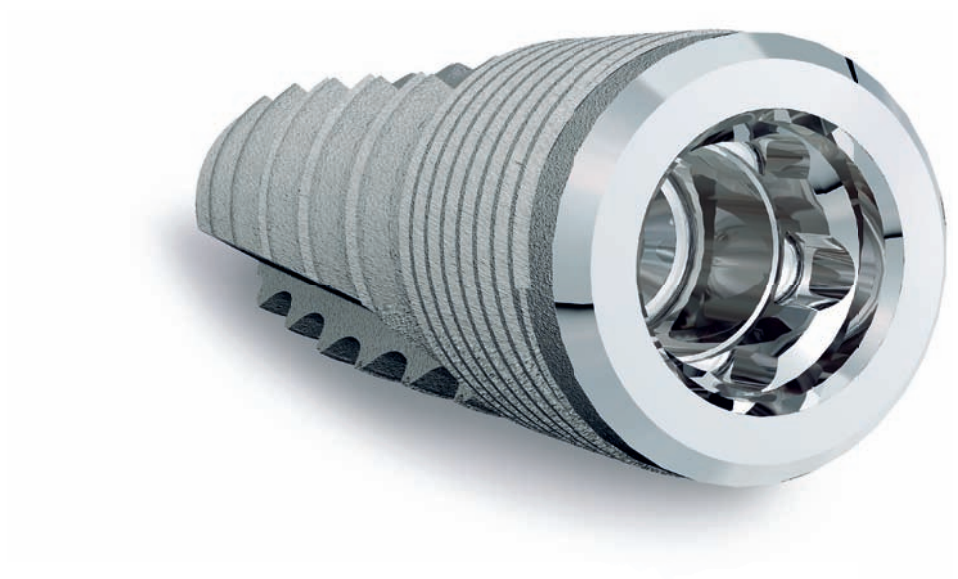


Product Catalogue 2013.



Customer number.

Please enter your customer number here
to help us process your order quickly and efficiently.

Preface.

Dear Customer,

We are pleased to present to you the new tioLogic® implant system catalogue.

This catalogue is systematically designed to provide you easy access and to study all information relevant to your daily work. The section summaries provide you with a quick general outline.

Where applicable, you will find a full scale illustration of the relevant product for better recognition. To round things off, there is a table section containing complementary service information or technical data.

We will gladly provide advice and support at any time, be it with our innovative tioLogic® product concept, our comprehensive service, or with our competent team of specialists.

The name Dentaurem stands for superior quality, dental competence and reliability for more than 125 years. These qualities can be equally applied to Dentaurem Implants. To us, this tradition is both chance and duty in one. Then change is the only certainty according to the motto: better is good's enemy.

We especially recommend our comprehensive, up-to-the-minute, multilingual information on our website at www.dentaurem-implants.de.

We look forward to your order which we will handle quickly with the usual dedication. We also look forward to any praise or criticism you may have, as this enables us to become better.

With best regards from Ispringen



Mark Stephen Pace
CEO Dentaurem Group



Axel Winkelstroeter
CEO Dentaurem Group

The Dentaureum Group.
Worldwide dental competence for more than 125 years.





*Quality is
your demand and
our expertise.*



Dental technology setting standards.

The Dentaureum 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. Dentaureum Implants, a manufacturer of implants, is a subsidiary of Dentaureum.

Quality inspires confidence.

As the oldest 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 many reasons for using Dentaureum Group products in the practice and laboratory. Quality is the decisive factor. Our company philosophy is to perfect the quality by providing additional performance and service for our products. We offer a wide-ranging training programme for new and advanced users with an internationally experienced team of course instructors. Contact us for further information.

Customer support.

For further information:

➔ For more information on our products and services, please visit www.dentaurum-implants.de

➔ info@dentaurum-implants.de





www.dentaurum-implants.de

The implant system.

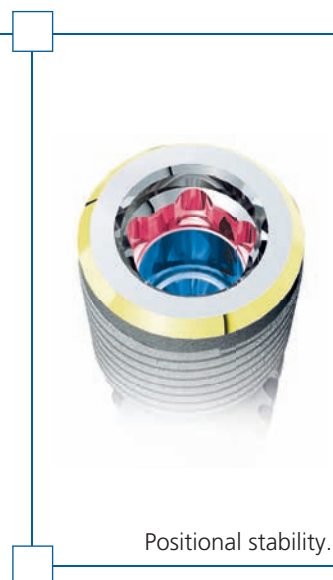
tiologic®

Maximum safety.

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

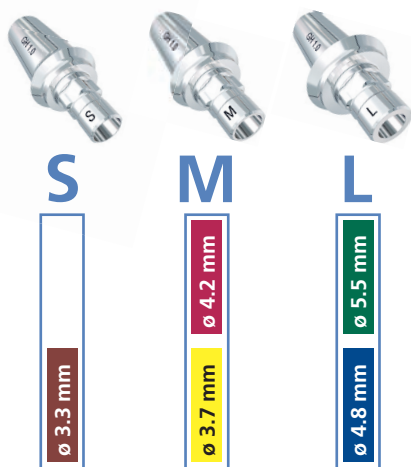
Perfect aesthetics.

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 patient 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.

Meanwhile the implantology is 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. Dentaurem Implants looks back on over a decade of experience in implantology, the mother concern Dentaurem, on over 125 years experience in prosthetics. The development of tioLogic® implant systems is based on this solid foundation. During extensive dialogue with experts from clinics and dental offices, we combined proven ideas with innovative solutions while considering future demands.

Service.

Of course the hardware of the tioLogic® concept must convince in every respect. As well as the software, the support and the guidance of the vendor. Dentaurem Implants provides the dental team among other things a competent hotline, an extensive documentation, a wide range of courses and valuable materials for patient education.

The factors of success for an implant system.

There are many single factors that, under long-term aspects, make implant treatment a success. Being the developer or manufacturer of an implant system, we have no influence on patient-related factors such as oral hygiene. As far as influence in the areas implant design, system concept or affinity to an attending dentist are concerned, the focus is on three main needs that have emerged as the basic reasons for success:

Safety. Aesthetics. Handling.

Only when all three reasons are equally fulfilled, with demands on safety at the forefront, are the prospects of success at best.

That is why special attention was paid to excellent fulfilment of the specification in these three basic areas.

You will find details on safety, aesthetics, and handling in the tioLogic® SafetyPass.

Conclusion:
A convincing concept.
State of the art.



Maximum safety.

It is of fundamental importance for a modern implant system that its safety is convincingly proven and documented in both theory and practice through recognised 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 fixed/removable or tooth substance-challenging restorations. Also when considering improved aesthetics. In this respect, it is important that implants and superstructures provide aesthetically perfect and long-term solutions. The design of the inner connection of the tiologic® implants avoid bone loss and ensure an excellent compound stability. The inner geometry was developed using FEM analysis³, its stability has been proven by long-term durability tests according to ISO⁴ at the Fraunhofer Institute.

Easy handling.

Easy, safe and convenient handling of all parts is an important precondition for economical work with a modern implant system. During conception of the tiologic® implant system, we put into practice some fundamental handling aspects such as colour-coding for fast visualisation, laser markings, optional integrated depth stop, and simple-to-use packaging. The unique S-M-L system provides prosthetics with convincing practice and laboratory related customisation possibilities and clarity.

¹ A. Rahimi, F. Heinemann, A. Jäger, C. Bourauel: Biomechanische Untersuchungen des Einflusses von Geometrievarianten des tiologic® Implantats (Biomechanical tests on the effects of different types of tiologic® implant geometry); Universität Bonn 2006.

² Bibliography (Studies and Publications) 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 2006
DIN EN ISO 14801: 2003, Ermüdungsprüfung für endossale dentale Implantate (Fatigue test for endosseous dental implants), DIN – Deutsches Institut für Normung, Berlin

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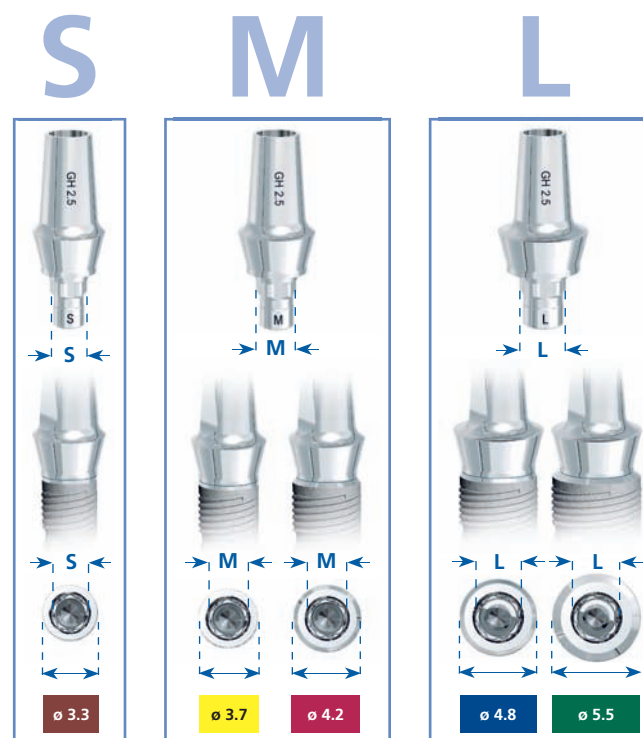
Easy Handling.

The 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), zirconia, Titanium and precious metal and include CAD/CAM, bars, ball abutment, AngleFix, SFI-Bar®, LOCATOR® and magnets. 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. For exact identification all components are marked with S, M or L by laser.



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

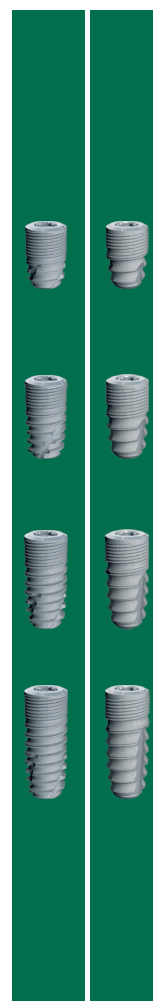
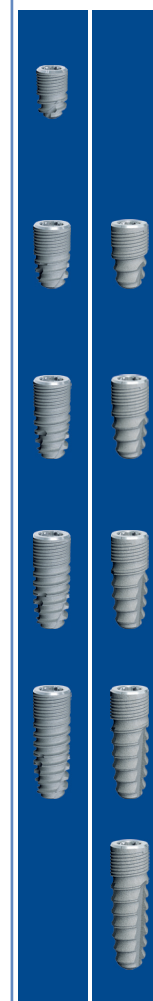
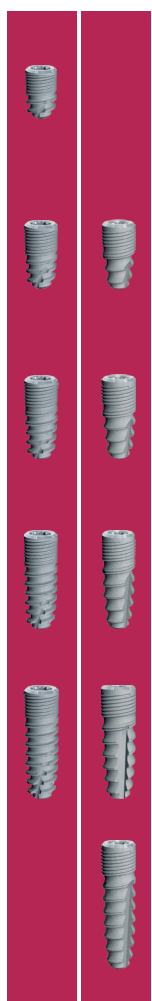
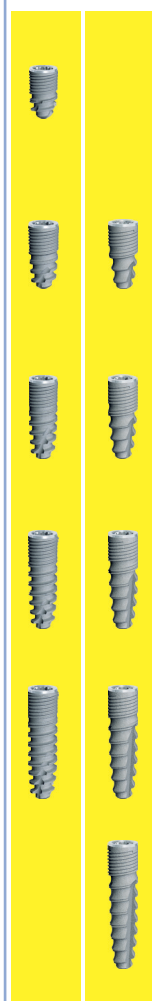
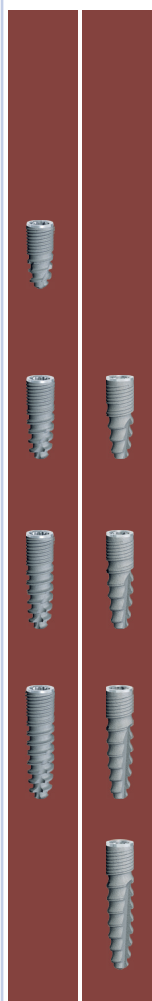
11.0 mm

13.0 mm

15.0 mm

17.0 mm

5 implant lengths.



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

Identification product.

All information – quick, clear identification.

988-980-26 DENTALPRODUKT / DENTAL PRODUCT
Anwendung nur durch Fachpersonal / for professional use only

tiologic® LOT 433730

Implantat, rot (M)
implant, red (M)
Ø 4,2 mm, L 15,0 mm
REF 383-042-15
1 Stück/piece

STERILE R 2017-09

CE 0483

7. Refer to the instructions for use
8. For single use only

9. Sterility expiry date

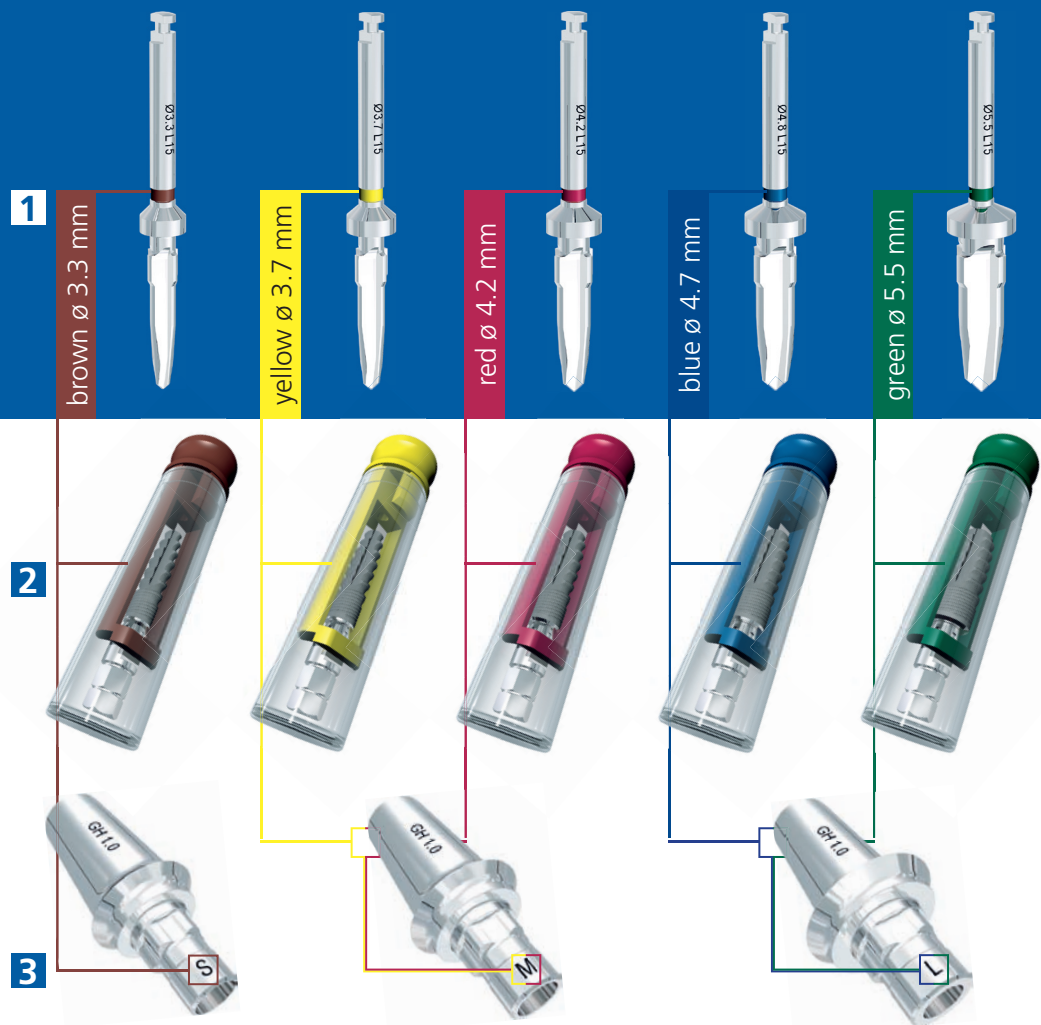
10. Batch number (LOT)

DENTAURUM IMPLANTS
Turnstraße 31 · 75228 Ispringen · Germany · Telefon +49 72 31/803-0

HIBC
+E159383042150/\$\$0917433730-

1. Content
2. Diameter/Length
3. Order number (REF)
4. Quantity
5. Symbol for gamma-sterilization
6. Identification number of the notified body in accordance with Directive 93/42 EEC

All basic information needed by users and their assistants is on the label. These so-called sandwich labels allow fast and distinct documentation in the Patient ID card. The pictograms are intuitive and conform to international standards, thus providing rapid and clear flow of information. Further labels for the surgical protocol and patient ID card are also included.



1 Instrument colour coding.

All surgical instruments have a different coloured ring on the shank for clear identification of the diameter. The colour code for the diameter corresponds to that of the implant.

2 Implant colour coding.

The plastic implant holders are colour 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 with the respective implant platform.

Overview.

Surgical treatment options and components.

Implants $\varnothing$ 3.3 mm, series of abutments

Planning

X-ray reference sphere

$\varnothing$ 5.0 mm REF 330-560-00

Guide sleeves

Length 6.0 mm REF 381-422-00

Length 10.0 mm REF 381-420-00

Pre-Drills guide sleeve

$\varnothing$ 2.0 mm

Länge 17.0 mm REF 381-426-00

Länge 21.0 mm REF 381-424-00

Rotary instruments STANDARD reusable

Pilot drill

$\varnothing$ 1.4 mm

Length 17.0 mm REF 382-014-17

Marking drill

$\varnothing$ 1.5 mm

REF 382-015-00

Surface cutter STANDARD

$\varnothing$ 3.3 mm

REF 382-033-00

Depth drills STANDARD

$\varnothing$ 2.0 mm

Length 11.0 mm REF 382-020-11

Length 13.0 mm REF 382-020-13

Length 15.0 mm REF 382-020-15

Length 17.0 mm REF 382-020-17

Conical formers STANDARD

$\varnothing$ 3.3 mm

Length 11.0 mm REF 382-033-11

Length 13.0 mm REF 382-033-13

Length 15.0 mm REF 382-033-15

Length 17.0 mm REF 382-033-17

Thread tap STANDARD

$\varnothing$ 3.3 mm

REF 382-433-00

Rotary instruments ADVANCED reusable

Marking drill

$\varnothing$ 1.5 mm

REF 382-015-00

Depth drill ADVANCED

NEW

$\varnothing$ 2.0 mm

Length 17.0 mm REF 382-720-15

Conical former ADVANCED

NEW

$\varnothing$ 3.3 mm

Length 17.0 mm REF 382-733-00

Stepped countersink ADVANCED

NEW

$\varnothing$ 3.3 mm

Length 17.0 mm REF 382-733-15

Expander ADVANCED

NEW

$\varnothing$ 3.3 mm

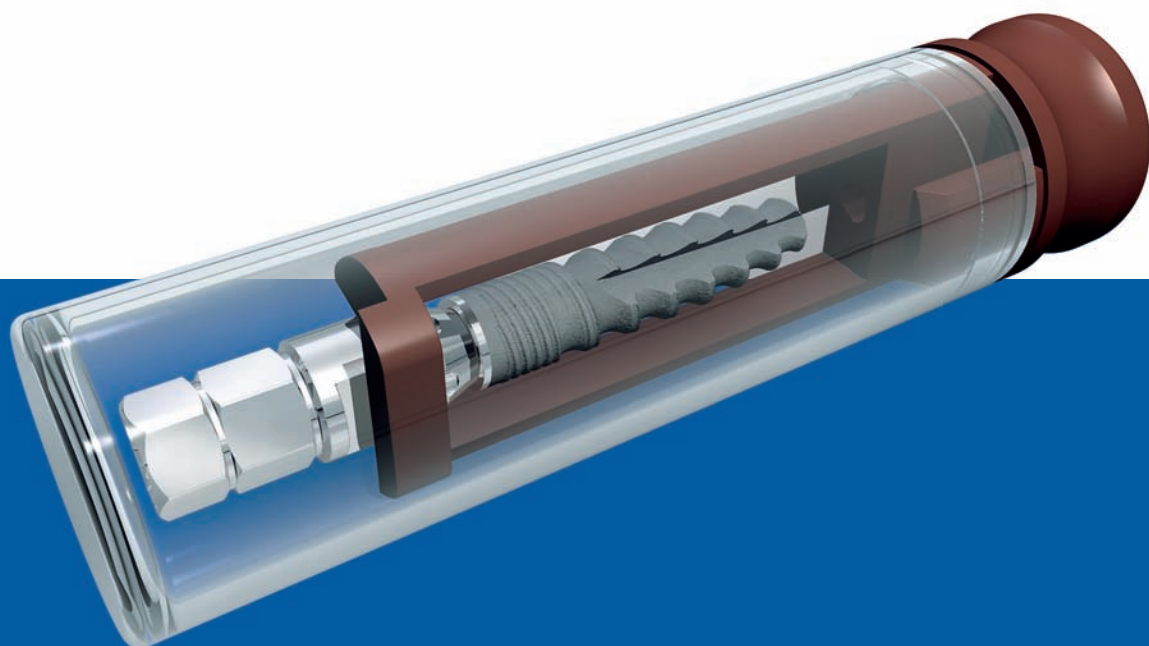
Length 17.0 mm REF 382-933-15

Thread tap ADVANCED

NEW

$\varnothing$ 3.3 mm

Length 17.0 mm REF 382-933-00



Implants

Implant ST

NEW



Length 9.0 mm	REF 383-133-09
Length 11.0 mm	REF 383-133-11
Length 13.0 mm	REF 383-133-13
Length 15.0 mm	REF 383-133-15

Implant



Length 11.0 mm	REF 383-033-11
Length 13.0 mm	REF 383-033-13
Length 15.0 mm	REF 383-033-15
Length 17.0 mm	REF 383-033-17

Gingival forming



Gingiva former, conical



GH 1.5 mm	REF 384-110-00
GH 3.0 mm	REF 384-112-00
GH 4.5 mm	REF 384-114-00
GH 6.0 mm	REF 384-116-00

Gingiva former, cylindrical



GH 1.5 mm	REF 384-120-00
GH 3.0 mm	REF 384-122-00
GH 4.5 mm	REF 384-124-00
GH 6.0 mm	REF 384-126-00

Impression



Open Impression



Length 10.0 mm	REF 385-110-00
Length 14.0 mm	REF 385-112-00

Closed Impression



REF 385-120-00

Temporary restoration



Temporary abutment



GH 3.0 mm	REF 384-130-00
-----------	----------------

Overview.

Surgical treatment options and components.

Implants **ø 3.7 mm**, series of abutments

M

Planning

X-ray reference sphere



ø 5.0 mm REF 330-560-00

Guide sleeves



Length 6.0 mm REF 381-422-00

Length 10.0 mm REF 381-420-00

Pre-Drills guide sleeve



ø 2.0 mm

Length 17.0 mm REF 381-426-00

Length 21.0 mm REF 381-424-00

Rotary instruments STANDARD reusable

Pilot drill



ø 1.4 mm

Length 17.0 mm REF 382-014-17

Marking drill



ø 1.5 mm

REF 382-015-00

Surface cutter STANDARD



ø 3.7 mm

REF 382-037-00

Depth drills STANDARD



ø 2.0 mm

Length 9.0 mm REF 382-020-09

Length 11.0 mm REF 382-020-11

Length 13.0 mm REF 382-020-13

Length 15.0 mm REF 382-020-15

Length 17.0 mm REF 382-020-17

Conical formers STANDARD



ø 3.7 mm

REF 382-037-09

Length 9.0 mm

REF 382-037-11

Length 11.0 mm

REF 382-037-13

Length 13.0 mm

REF 382-037-15

Length 15.0 mm

REF 382-037-17

Length 17.0 mm

Thread tap STANDARD



ø 3.7 mm

REF 382-437-00

Rotary instruments ADVANCED reusable

Marking drill



ø 1.5 mm

REF 382-015-00

Depth drill ADVANCED

NEW



ø 2.0 mm

Length 17.0 mm REF 382-720-15

Conical former ADVANCED

NEW



ø 3.7 mm

Length 17.0 mm REF 382-737-00

Stepped countersink ADVANCED

NEW



ø 3.7 mm

Length 17.0 mm REF 382-737-15

Expander ADVANCED

NEW



ø 3.7 mm

Length 17.0 mm REF 382-937-15

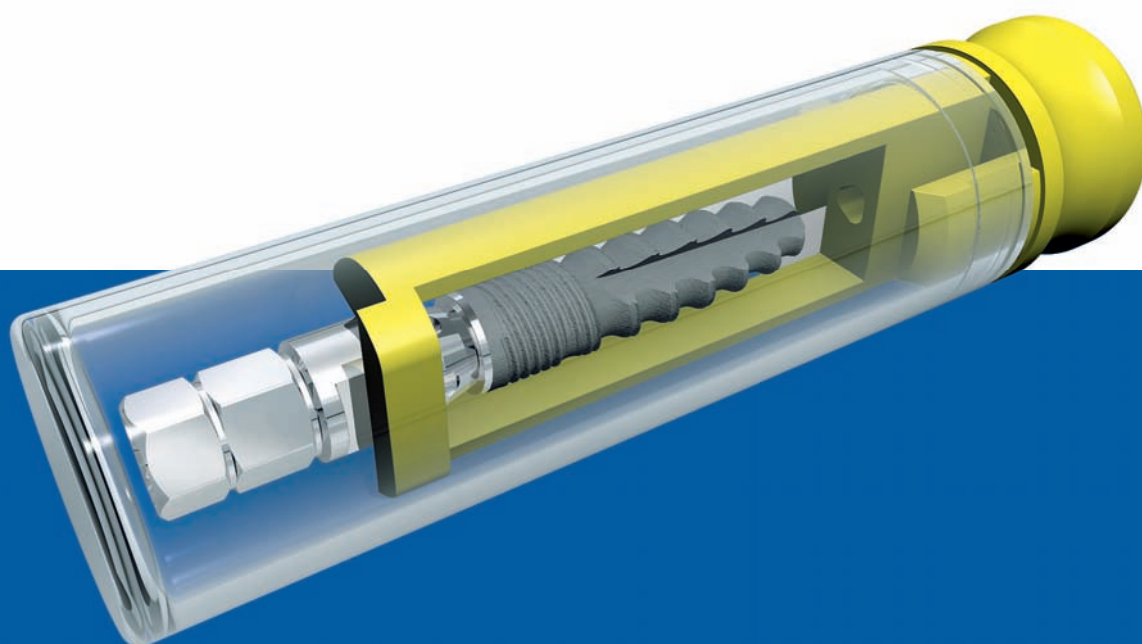
Thread tap ADVANCED

NEW



ø 3.7 mm

Length 17.0 mm REF 382-937-00



Implants

Implant **ST**

NEW



Length 7.0 mm	REF 383-137-07
Length 9.0 mm	REF 383-137-09
Length 11.0 mm	REF 383-137-11
Length 13.0 mm	REF 383-137-13
Length 15.0 mm	REF 383-137-15

Implant



Length 9.0 mm	REF 383-037-09
Length 11.0 mm	REF 383-037-11
Length 13.0 mm	REF 383-037-13
Length 15.0 mm	REF 383-037-15
Length 17.0 mm	REF 383-037-17

Gingival forming



Gingiva former, conical



GH 1.5 mm	REF 384-210-00
GH 3.0 mm	REF 384-212-00
GH 4.5 mm	REF 384-214-00
GH 6.0 mm	REF 384-216-00

Gingiva former, cylindrical



GH 1.5 mm	REF 384-220-00
GH 3.0 mm	REF 384-222-00
GH 4.5 mm	REF 384-224-00
GH 6.0 mm	REF 384-226-00

Temporary restoration



Temporary abutment



GH 3.0 mm	REF 384-230-00
-----------	----------------

Impression



Open impression



Length 10.0 mm	REF 385-210-00
Length 14.0 mm	REF 385-212-00

Closed impression



REF 385-220-00

Overview.

Surgical treatment options and components.

Implants **ø 4.2 mm**, series of abutments

M

Planning

X-ray reference sphere

ø 5.0 mm REF 330-560-00

Guide sleeves

Length 6.0 mm REF 381-422-00

Length 10.0 mm REF 381-420-00

Pre-Drills guide sleeve

ø 2.0 mm

Length 17.0 mm REF 381-426-00

Length 21.0 mm REF 381-424-00

Rotary instruments STANDARD reusable

Pilot drill

ø 1.4 mm

Length 17.0 mm REF 382-014-17

Marking drill

ø 1.5 mm

REF 382-015-00

Surface cutter STANDARD

ø 4.2 mm

REF 382-042-00

Depth drills STANDARD

ø 2.0 mm

Length 9.0 mm REF 382-020-09

Length 11.0 mm REF 382-020-11

Length 13.0 mm REF 382-020-13

Length 15.0 mm REF 382-020-15

Length 17.0 mm REF 382-020-17

Conical formers STANDARD

ø 4.2 mm

Length 9.0 mm REF 382-042-09

Length 11.0 mm REF 382-042-11

Length 13.0 mm REF 382-042-13

Length 15.0 mm REF 382-042-15

Length 17.0 mm REF 382-042-17

Thread tap STANDARD

ø 4.2 mm

REF 382-442-00

Rotary instruments ADVANCED reusable

Marking drill

ø 1.5 mm

REF 382-015-00

Depth drills ADVANCED

NEW

ø 2.0 mm

Length 17.0 mm REF 382-720-15

Surface cutter ADVANCED

NEW

ø 4.2 mm

Length 17.0 mm REF 382-742-00

Stepped countersink ADVANCED

NEW

ø 4.2 mm

Length 17.0 mm REF 382-742-15

Expander ADVANCED

NEW

ø 4.2 mm

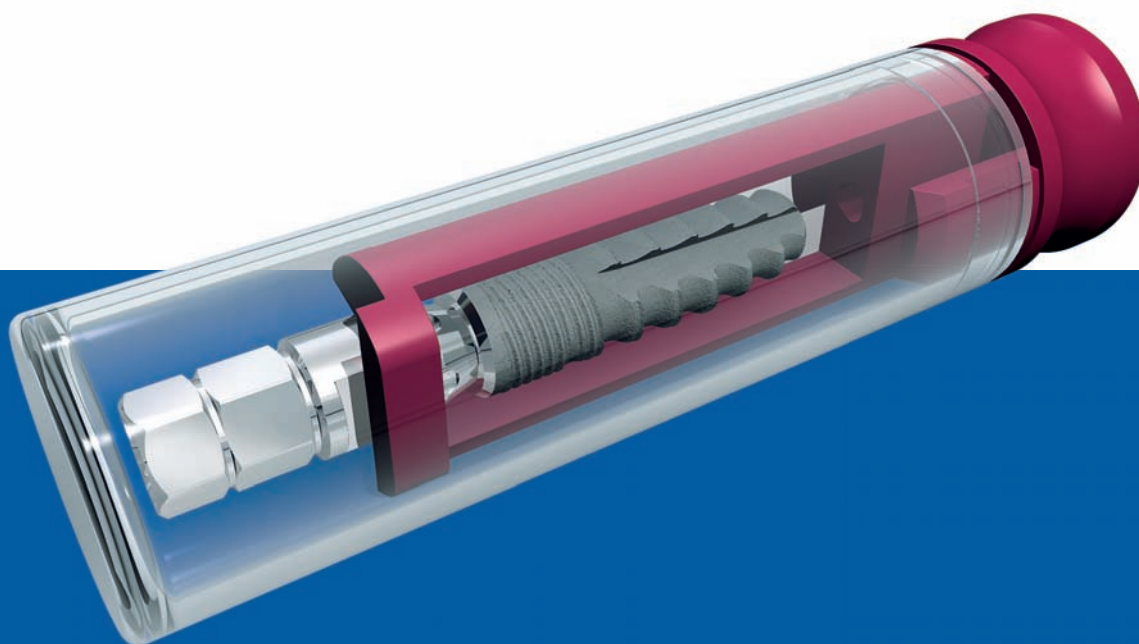
Length 17.0 mm REF 382-942-15

Thread tap ADVANCED

NEW

ø 4.2 mm

Length 17.0 mm REF 382-942-00



Implants

Implant ST

NEW



Length 7.0 mm	REF 383-142-07
Length 9.0 mm	REF 383-142-09
Length 11.0 mm	REF 383-142-11
Length 13.0 mm	REF 383-142-13
Length 15.0 mm	REF 383-142-15

Implant



Length 9.0 mm	REF 383-042-09
Length 11.0 mm	REF 383-042-11
Length 13.0 mm	REF 383-042-13
Length 15.0 mm	REF 383-042-15
Length 17.0 mm	REF 383-042-17

Gingival forming



Gingiva formers, conical



GH 1.5 mm	REF 384-210-00
GH 3.0 mm	REF 384-212-00
GH 4.5 mm	REF 384-214-00
GH 6.0 mm	REF 384-216-00

Gingiva former, cylindrical



GH 1.5 mm	REF 384-220-00
GH 3.0 mm	REF 384-222-00
GH 4.5 mm	REF 384-224-00
GH 6.0 mm	REF 384-226-00

Temporary restoration



Temporary abutment



GH 3.0 mm	REF 384-230-00
-----------	----------------

Impression



Open impression



Length 10.0 mm	REF 385-210-00
Length 14.0 mm	REF 385-212-00

Closed impression



REF 385-220-00

Overview.

Surgical treatment options and components.

Implants $\varnothing$ 4.8 mm, series of abutments

Planning

X-ray reference sphere

$\varnothing$ 5.0 mm REF 330-560-00

Guide sleeves

Length 6.0 mm REF 381-422-00

Length 10.0 mm REF 381-420-00

Pre-Drills guide sleeve

$\varnothing$ 2.0 mm

Length 17.0 mm REF 381-426-00

Length 21.0 mm REF 381-424-00

Rotary instruments STANDARD reusable

Pilot drill

$\varnothing$ 1.4 mm

Length 17.0 mm REF 382-014-17

Marking drill

$\varnothing$ 1.5 mm

REF 382-015-00

Surface cutter STANDARD

$\varnothing$ 4.8 mm

REF 382-048-00

Depth drills STANDARD

$\varnothing$ 2.0 mm

Length 9.0 mm REF 382-020-09

Length 11.0 mm REF 382-020-11

Length 13.0 mm REF 382-020-13

Length 15.0 mm REF 382-020-15

Length 17.0 mm REF 382-020-17

Conical formers STANDARD

$\varnothing$ 4.8 mm

Length 9.0 mm REF 382-048-09

Length 11.0 mm REF 382-048-11

Length 13.0 mm REF 382-048-13

Length 15.0 mm REF 382-048-15

Length 17.0 mm REF 382-048-17

Thread tap STANDARD

$\varnothing$ 4.8 mm

REF 382-448-00

Rotary instruments ADVANCED reusable

Marking drill

$\varnothing$ 1.5 mm

REF 382-015-00

Depth drills ADVANCED

NEW

$\varnothing$ 2.0 mm

Length 17.0 mm REF 382-720-15

Surface cutter ADVANCED

NEW

$\varnothing$ 4.8 mm

Length 17.0 mm REF 382-748-00

Stepped countersink ADVANCED

NEW

$\varnothing$ 4.8 mm

Length 17.0 mm REF 382-748-15

Expander ADVANCED

NEW

$\varnothing$ 4.8 mm

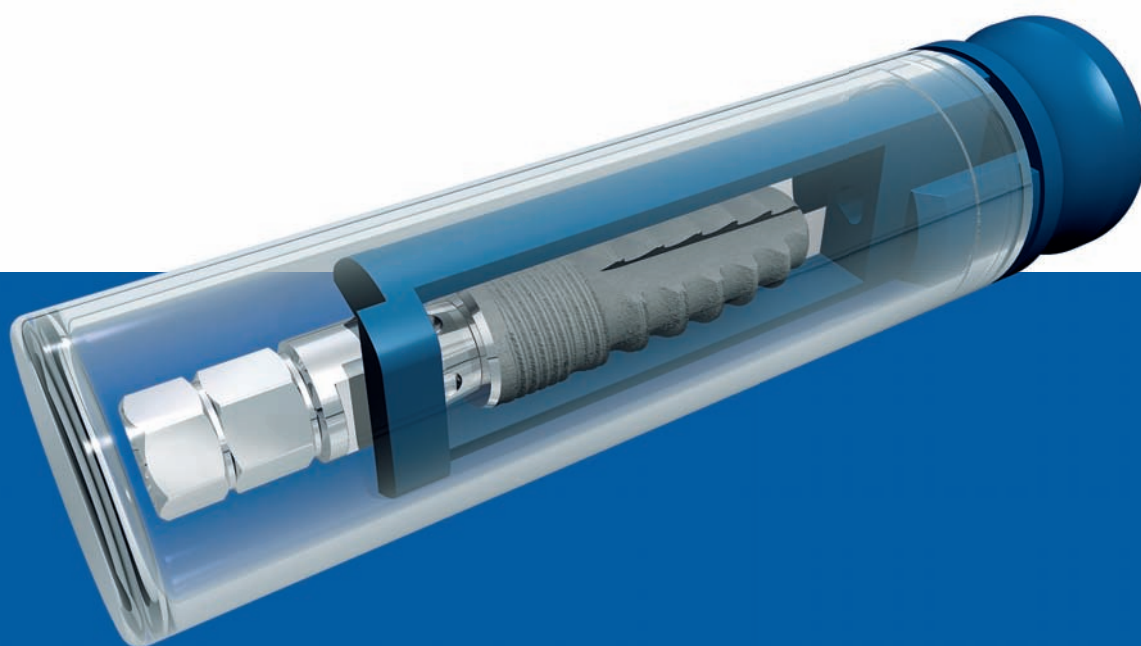
Length 17.0 mm REF 382-948-15

Thread tap ADVANCED

NEW

$\varnothing$ 4.8 mm

Length 17.0 mm REF 382-948-00



Implants

Implant ST

NEW



Length 7.0 mm	REF 383-148-07
Length 9.0 mm	REF 383-148-09
Length 11.0 mm	REF 383-148-11
Length 13.0 mm	REF 383-148-13
Length 15.0 mm	REF 383-148-15

Implant



Length 9.0 mm	REF 383-048-09
Length 11.0 mm	REF 383-048-11
Length 13.0 mm	REF 383-048-13
Length 15.0 mm	REF 383-048-15
Length 17.0 mm	REF 383-048-17

Gingiva forming

Gingiva formers, conical



GH 1.5 mm	REF 384-310-00
GH 3.0 mm	REF 384-312-00
GH 4.5 mm	REF 384-314-00
GH 6.0 mm	REF 384-316-00

Gingiva formers, cylindrical



GH 1.5 mm	REF 384-320-00
GH 3.0 mm	REF 384-322-00
GH 4.5 mm	REF 384-324-00
GH 6.0 mm	REF 384-326-00

Temporary restoration

Temporary abutment



GH 3.0 mm	REF 384-330-00
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Impression

Open impression



Length 10.0 mm	REF 385-310-00
Length 14.0 mm	REF 385-312-00

Closed impression



REF 385-320-00

Overview.

Surgical treatment options and components.

Implants **ø 5.5 mm**, series of abutments

Planning

X-ray reference sphere

ø 5.0 mm REF 330-560-00

Guide sleeves

Length 6.0 mm REF 381-422-00

Length 10.0 mm REF 381-420-00

Pre-Drills guide sleeve

ø 2.0 mm

Length 17.0 mm REF 381-426-00

Length 21.0 mm REF 381-424-00

Rotary instruments STANDARD reusable

Pilot drill

ø 1.4 mm

Length 17.0 mm REF 382-014-17

Marking drill

ø 1.5 mm

REF 382-015-00

Surface cutter STANDARD

ø 5.5 mm

REF 382-055-00

Depth drills STANDARD

ø 2.0 mm

Length 9.0 mm REF 382-020-09

Length 11.0 mm REF 382-020-11

Length 13.0 mm REF 382-020-13

Length 15.0 mm REF 382-020-15

Conical formers STANDARD

ø 5.5 mm

Length 9.0 mm REF 382-055-09

Length 11.0 mm REF 382-055-11

Length 13.0 mm REF 382-055-13

Length 15.0 mm REF 382-055-15

Thread tap STANDARD

ø 5.5 mm

REF 382-455-00

Rotary instruments ADVANCED reusable

Marking drill

ø 1.5 mm

REF 382-015-00

Depth drills ADVANCED

NEW

ø 2.0 mm

Length 17.0 mm REF 382-720-15

Surface cutter ADVANCED

NEW

ø 5.5 mm

Length 17.0 mm REF 382-755-00

Stepped countersink ADVANCED

NEW

ø 5.5 mm

Length 17.0 mm REF 382-755-15

Expander ADVANCED

NEW

ø 5.5 mm

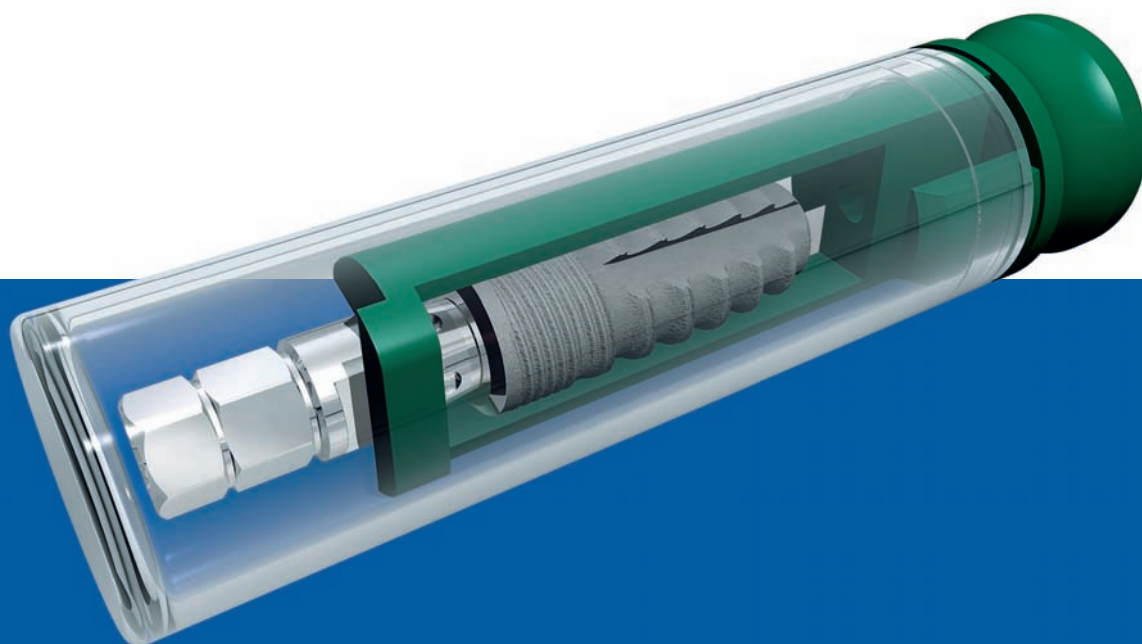
Length 17.0 mm REF 382-955-15

Thread tap ADVANCED

NEW

ø 5.5 mm

Length 17.0 mm REF 382-955-00



Implants

Implant ST

NEW



Length 9.0 mm	REF 383-155-09
Length 11.0 mm	REF 383-155-11
Length 13.0 mm	REF 383-155-13
Length 15.0 mm	REF 383-155-15

Implant



Length 9.0 mm	REF 383-055-09
Length 11.0 mm	REF 383-055-11
Length 13.0 mm	REF 383-055-13
Length 15.0 mm	REF 383-055-15

Gingival forming

Gingiva formers, conical



GH 1.5 mm	REF 384-310-00
GH 3.0 mm	REF 384-312-00
GH 4.5 mm	REF 384-314-00
GH 6.0 mm	REF 384-316-00

Gingiva formers, cylindrical



GH 1.5 mm	REF 384-320-00
GH 3.0 mm	REF 384-322-00
GH 4.5 mm	REF 384-324-00
GH 6.0 mm	REF 384-326-00

Impression

Open impression



Length 10.0 mm	REF 385-310-00
Length 14.0 mm	REF 385-312-00

Closed impression



REF 385-320-00

Temporary restoration

Temporary abutment



GH 3.0 mm	REF 384-330-00
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SURGERY.

It is essential that a modern implant system provides the operator with an optimal combination of high flexibility, clear organization, easy handling, an efficient technique and maximum safety and reliability. The surgical components should be suitable for use with any indication, also with difficult cases, and should be manufactured to a high quality. The design of the tioLogic® implant system from Dentaurem Implants is based on more than a decade experience and on close collaboration with experts.

*tio*logic® ST

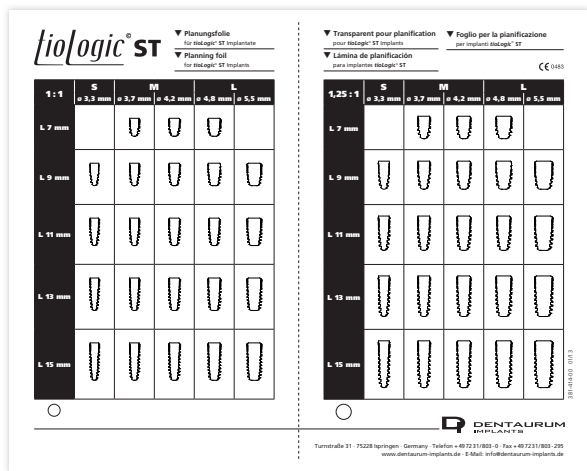
*tio*logic®



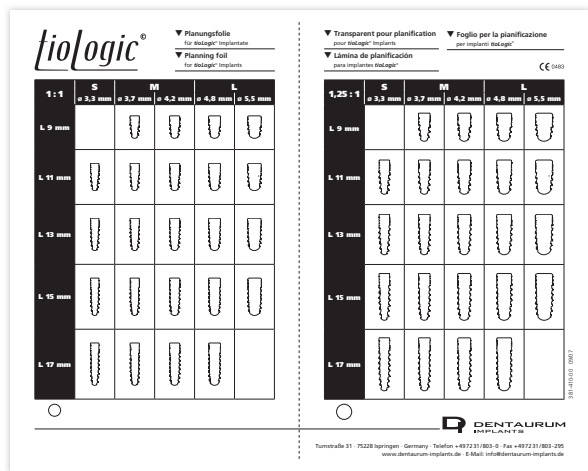
Surgery ■ Planning and diagnosis

■ Planning foils scale 1:1 / 1.25:1

REF 381-414-00 tioLogic® ST

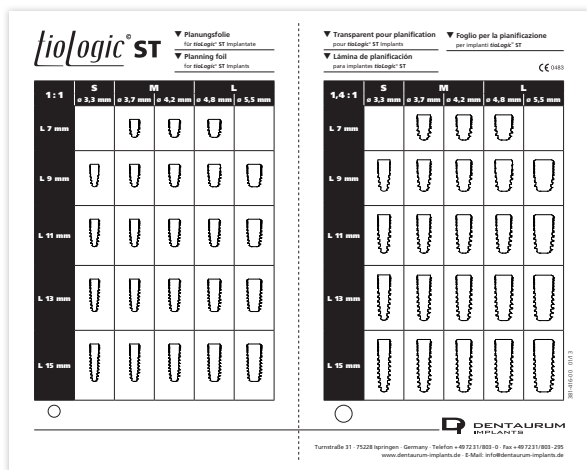


REF 381-410-00 tioLogic®

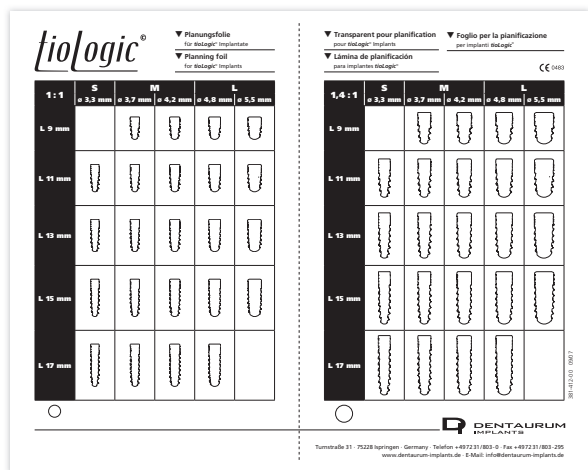


■ Planning foils scale 1:1 / 1.4:1

REF 381-416-00 tioLogic® ST

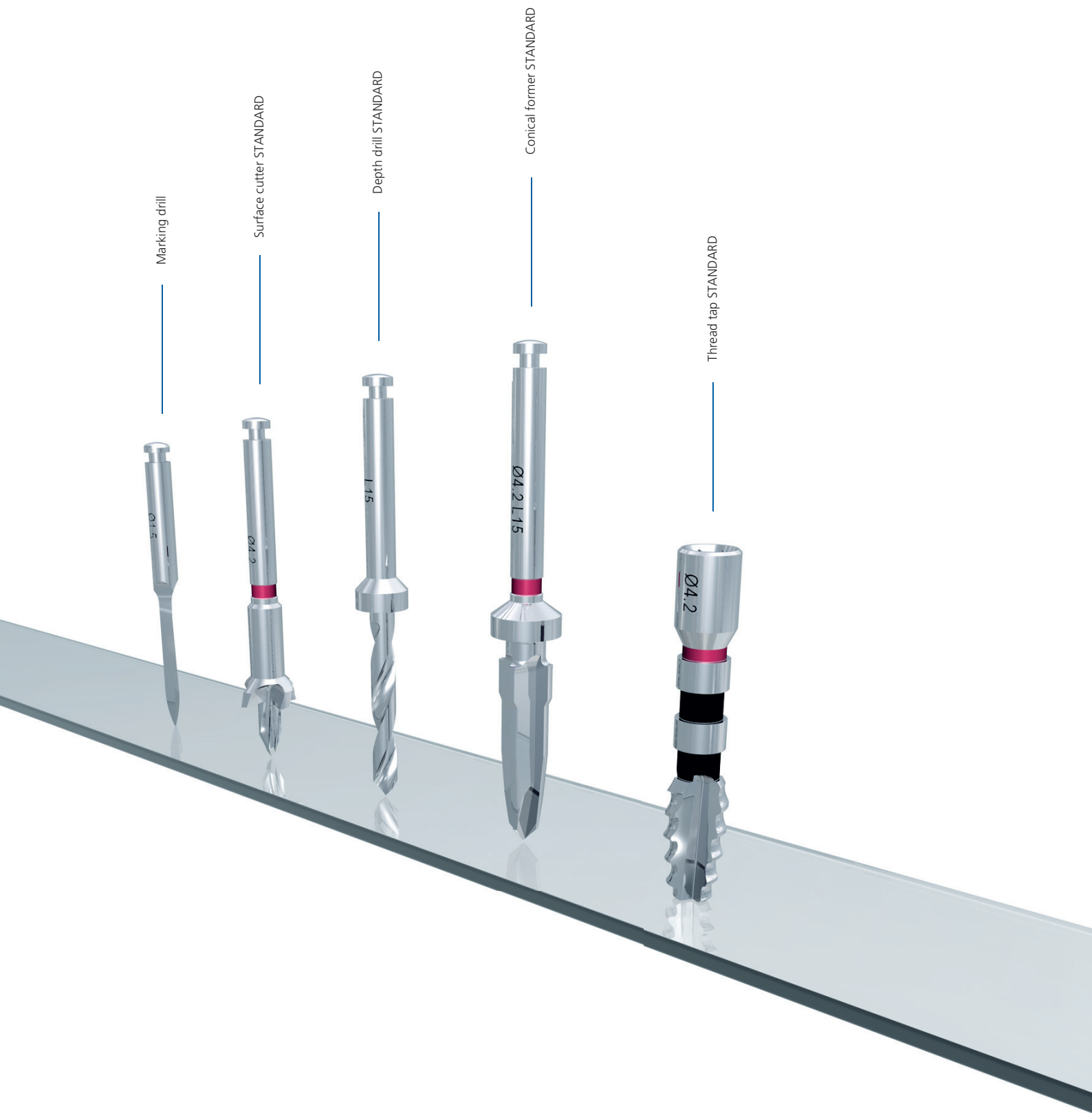


REF 381-412-00 tioLogic®



■ 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 (laboratory)	ø shank 2.35 mm	



■ Pre-Drill, resterilizable

REF 382-015-00		Marking drill	ø 1.5 mm	
REF 382-014-17		Pilot drill ^{1,2}	ø 1.4 mm	L 17.0 mm

■ Surface cutter, resterilizable

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

■ Depth drill, resterilizable¹

REF 382-020-09		Depth drill	ø 2.0 mm	L 9.0 mm
REF 382-020-11		Depth drill	ø 2.0 mm	L 11.0 mm
REF 382-020-13		Depth drill	ø 2.0 mm	L 13.0 mm
REF 382-020-15		Depth drill	ø 2.0 mm	L 15.0 mm
REF 382-020-17		Depth drill	ø 2.0 mm	L 17.0 mm

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

² No integral depth stop for insertion lengths 9.0/11.0/13.0/15.0 mm.

Surgery ■ Rotary instruments STANDARD

■ Conical former, resterilizable¹

REF 382-033-11		Conical former S	ø 3.3 mm	L 11.0 mm
REF 382-033-13		Conical former S	ø 3.3 mm	L 13.0 mm
REF 382-033-15		Conical former S	ø 3.3 mm	L 15.0 mm
REF 382-033-17		Conical former S	ø 3.3 mm	L 17.0 mm
REF 382-037-09		Conical former M	ø 3.7 mm	L 9.0 mm
REF 382-037-11		Conical former M	ø 3.7 mm	L 11.0 mm
REF 382-037-13		Conical former M	ø 3.7 mm	L 13.0 mm
REF 382-037-15		Conical former M	ø 3.7 mm	L 15.0 mm
REF 382-037-17		Conical former M	ø 3.7 mm	L 17.0 mm
REF 382-042-09		Conical former M	ø 4.2 mm	L 9.0 mm
REF 382-042-11		Conical former M	ø 4.2 mm	L 11.0 mm
REF 382-042-13		Conical former M	ø 4.2 mm	L 13.0 mm
REF 382-042-15		Conical former M	ø 4.2 mm	L 15.0 mm
REF 382-042-17		Conical former M	ø 4.2 mm	L 17.0 mm

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

² No integral depth stop for insertion lengths 9.0/11.0/13.0/15.0 mm

■ Conical former, resterilizable¹

REF 382-048-09		Conical former L	ø 4.8 mm	L 9.0 mm
REF 382-048-11		Conical former L	ø 4.8 mm	L 11.0 mm
REF 382-048-13		Conical former L	ø 4.8 mm	L 13.0 mm
REF 382-048-15		Conical former L	ø 4.8 mm	L 15.0 mm
REF 382-048-17		Conical former L	ø 4.8 mm	L 17.0 mm
REF 382-055-09		Conical former L	ø 5.5 mm	L 9.0 mm
REF 382-055-11		Conical former L	ø 5.5 mm	L 11.0 mm
REF 382-055-13		Conical former L	ø 5.5 mm	L 13.0 mm
REF 382-055-15		Conical former L	ø 5.5 mm	L 15.0 mm

Surgery ■ Rotary instruments STANDARD

■ Conical former DB (dense bone), resterilizable^{1,2}

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

■ Thread tap, resterilizable³

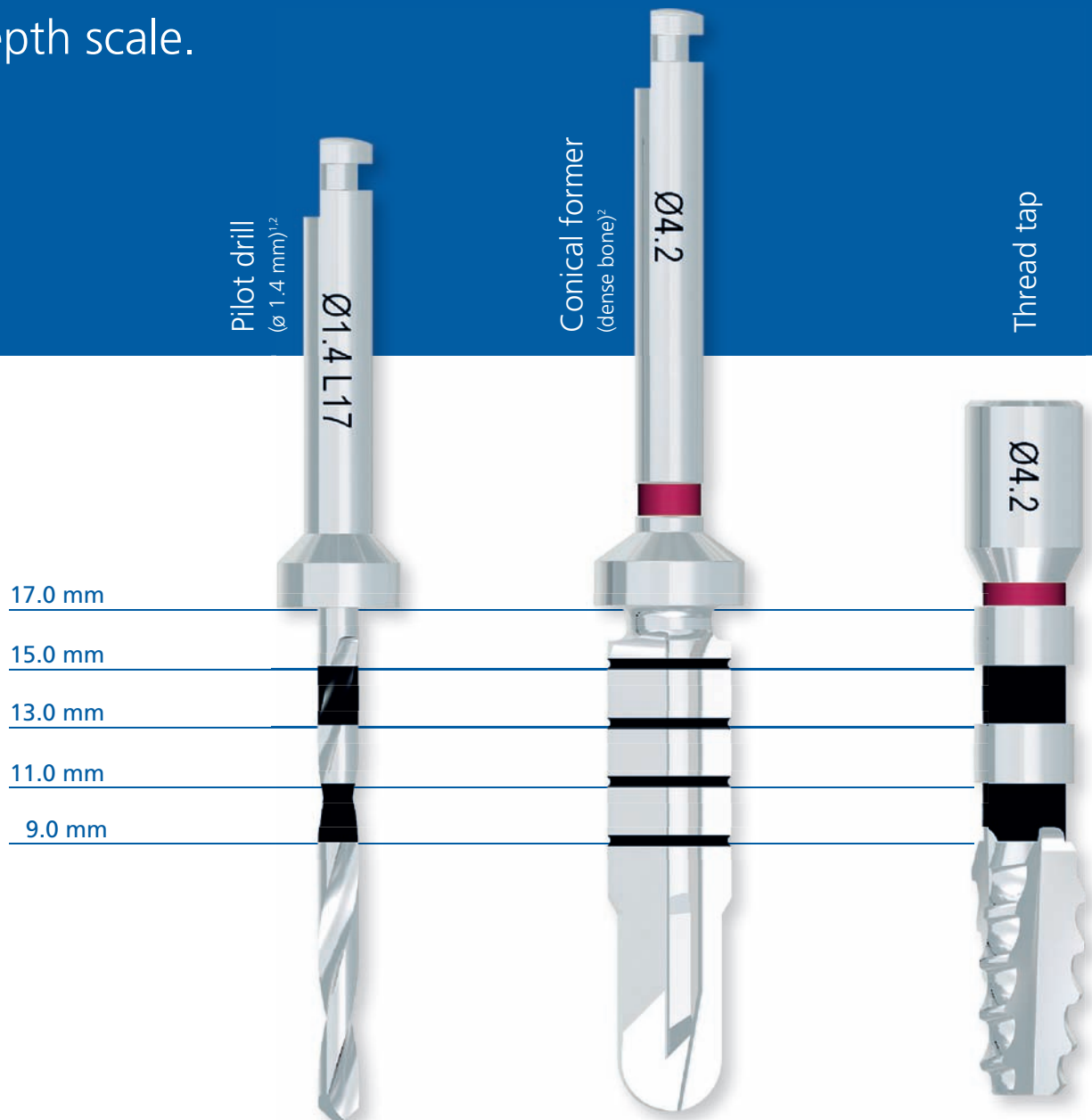
REF 382-433-00		Thread tap S	ø 3.3 mm
REF 382-437-00		Thread tap M	ø 3.7 mm
REF 382-442-00		Thread tap M	ø 4.2 mm
REF 382-448-00		Thread tap L	ø 4.8 mm
REF 382-455-00		Thread tap L	ø 5.5 mm

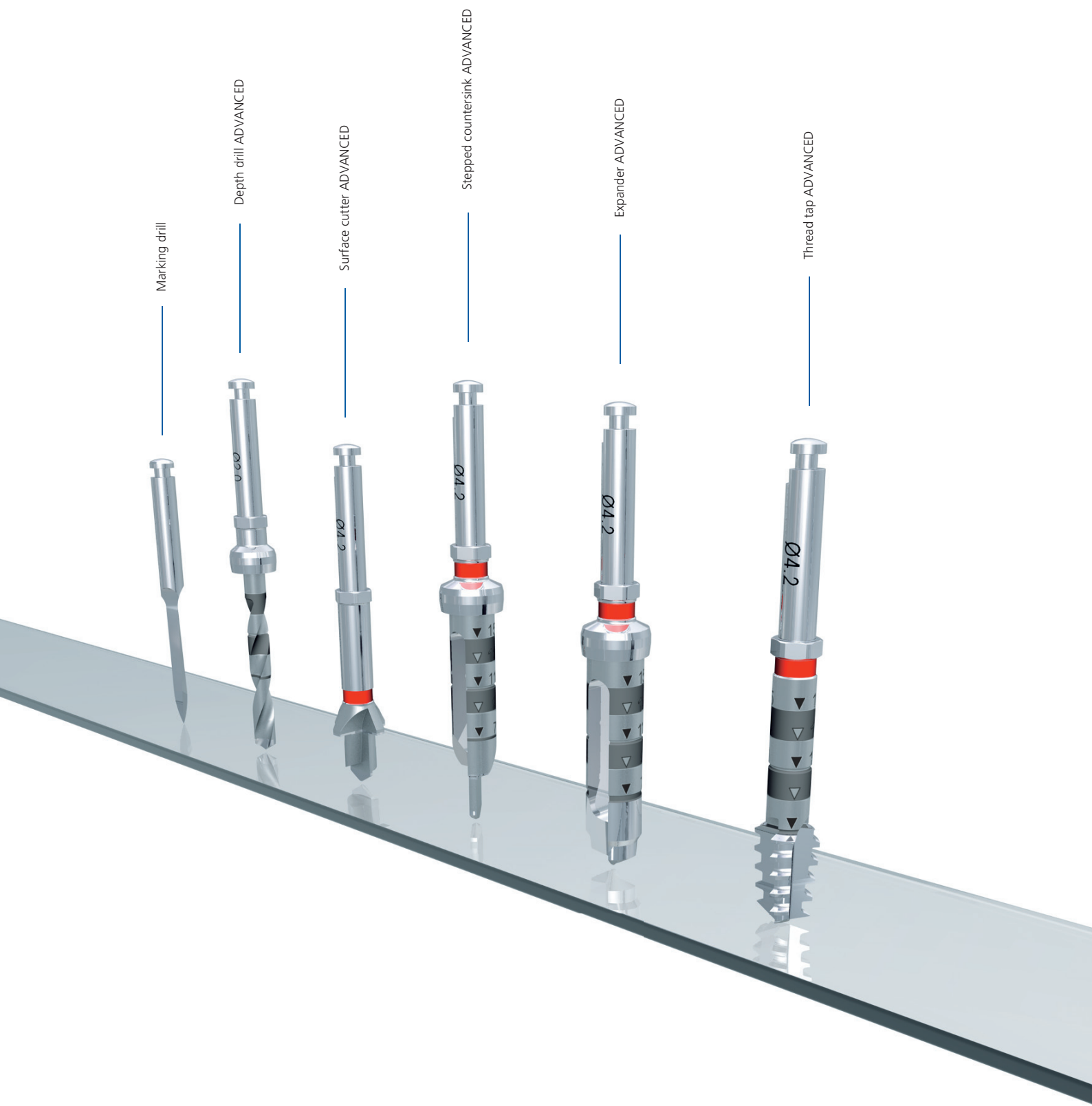
¹ For technical reasons the instruments are 1.0 mm longer than the given preparation length.

² No integral depth stop for insertion lengths 9.0/11.0/13.0/15.0 mm

³ Without integrated depth stop

Depth scale.





Rotary instruments ADVANCED ■ Surgery

■ Depth drill ADVANCED, resterilizable¹

NEW

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

NEW

REF 382-733-00		Surface cutter ADVANCED S	Ø 3.3 mm	L 17.0 mm
REF 382-737-00		Surface cutter ADVANCED M	Ø 3.7 mm	L 17.0 mm
REF 382-742-00		Surface cutter ADVANCED M	Ø 4.2 mm	L 17.0 mm
REF 382-748-00		Surface cutter ADVANCED L	Ø 4.8 mm	L 17.0 mm
REF 382-755-00		Surface cutter ADVANCED L	Ø 5.5 mm	L 17.0 mm

■ Stepped countersink ADVANCED, resterilizable¹

NEW

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

■ Expander ADVANCED, resterilizable¹

NEW

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

■ Thread tap ADVANCED, resterilizable¹

NEW

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

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

Surgery ■ tioLogic® pOstion – Planning and accessories



*tio*logic®
pOstion

■ Basic sleeves

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

■ Drills for basic sleeve

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

■ Holder for basic sleeves – med3D

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

Surgery ■ tioLogic® pOosition – Planning and accessories

■ Arrows for basic sleeves

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

■ Inner sleeves

REF 381-333-00		Set inner sleeve S	ø 3.3 mm
REF 381-337-00		Set inner sleeve M	ø 3.7 mm
REF 381-342-00		Set inner sleeve M	ø 4.2 mm
REF 381-348-00		Set inner sleeve L	ø 4.8 mm
REF 381-355-00		Set inner sleeve L	ø 5.5 mm

■ Holder for inner sleeves

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

REF 381-530-00		Cleaning pin
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■ Gingiva cutter

REF 382-333-00		Gingiva cutter pOosition S	Ø 3.3 mm
REF 382-337-00		Gingiva cutter pOosition M	Ø 3.7 mm
REF 382-342-00		Gingiva cutter pOosition M	Ø 4.2 mm
REF 382-348-00		Gingiva cutter pOosition L	Ø 4.8 mm
REF 382-355-00		Gingiva cutter pOosition L	Ø 5.5 mm

■ Depth drill

REF 382-320-09		Depth drill pOosition	Ø 2.0 mm	L 9.0 mm
REF 382-320-11		Depth drill pOosition	Ø 2.0 mm	L 11.0 mm
REF 382-320-13		Depth drill pOosition	Ø 2.0 mm	L 13.0 mm
REF 382-320-15		Depth drill pOosition	Ø 2.0 mm	L 15.0 mm

¹ Length 17.0 mm is not available in the tioLogic® pOosition system.

Surgery ■ tioLogic® pOosition – Rotary instruments¹

■ Stepped countersink

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

■ Expander

REF 382-533-00		Expander pOosition S	ø 3.3 mm
REF 382-537-00		Expander pOosition M	ø 3.7 mm
REF 382-542-00		Expander pOosition M	ø 4.2 mm
REF 382-548-00		Expander pOosition L	ø 4.8 mm
REF 382-555-00		Expander pOosition L	ø 5.5 mm

■ Thread tap

REF 382-833-00		Thread tap pOosition S	ø 3.3 mm
REF 382-837-00		Thread tap pOosition M	ø 3.7 mm
REF 382-842-00		Thread tap pOosition M	ø 4.2 mm
REF 382-848-00		Thread tap pOosition L	ø 4.8 mm
REF 382-855-00		Thread tap pOosition L	ø 5.5 mm

¹ Length 17.0 mm is not available in the tioLogic® pOosition system.

Surgery ■ Tray easyClean

■ Implantology

REF 387-418-00 tioLogic® easyClean
surgical tray

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 tioLogic® easyClean Wash-Tray for cleaning and disinfecting machines
- hydrophob PTFE permanent filter
- incl. tioLogic® DVD
- incl. tioLogic® Surgery Manual

REF 387-419-00 tioLogic® easyClean
(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-ring
10 pieces



■ Content tioLogic® easyClean surgical tray

REF 382-015-00	Marking drill ø 1.5 mm	REF 382-048-17	Conical former L blue ø 4.8 mm, L 17.0 mm
REF 382-033-00	Surface cutter S brown ø 3.3 mm	REF 382-433-00	Thread tap S brown ø 3.3 mm
REF 382-037-00	Surface cutter M yellow ø 3.7 mm	REF 382-437-00	Thread tap M yellow ø 3.7 mm
REF 382-042-00	Surface cutter M red ø 4.2 mm	REF 382-442-00	Thread tap M red ø 4.2 mm
REF 382-048-00	Surface cutter L blue ø 4.8 mm	REF 382-448-00	Thread tap L blue ø 4.8 mm
REF 382-055-00	Surface cutter L green ø 5.5 mm	REF 382-455-00	Thread tap L green ø 5.5 mm
REF 382-020-09	Depth drill ø 2.0 mm, L 9.0 mm	REF 382-233-17	Conical former DB S brown dense bone, ø 3.3 mm
REF 382-020-11	Depth drill ø 2.0 mm, L 11.0 mm	REF 382-237-17	Conical former DB M yellow dense bone, ø 3.7 mm
REF 382-020-13	Depth drill ø 2.0 mm, L 13.0 mm	REF 382-242-17	Conical former DB M red dense bone, ø 4.2 mm
REF 382-020-15	Depth drill ø 2.0 mm, L 15.0 mm	REF 382-248-17	Conical former DB L blue dense bone, ø 4.8 mm
REF 382-020-17	Depth drill ø 2.0 mm, L 17.0 mm	REF 382-255-17	Conical former DB L green dense bone, ø 5.5 mm
REF 382-037-09	Conical former M yellow ø 3.7 mm, L 9.0 mm	REF 387-700-00	Torque ratchet with blocking function
REF 382-042-09	Conical former M red ø 4.2 mm, L 9.0 mm	REF 387-602-00	Sure-grip wheel
REF 382-048-09	Conical former L blue ø 4.8 mm, L 9.0 mm	REF 387-604-00	Locking key placement aid
REF 382-055-09	Conical former L green ø 5.5 mm, L 9.0 mm	REF 387-610-00	Hex key SW 1.3 – ISO shank, L 20.0 mm
REF 382-033-11	Conical former S brown ø 3.3 mm, L 11.0 mm	REF 387-612-00	Hex key SW 1.3 – ISO shank, L 26.0 mm
REF 382-037-11	Conical former M yellow ø 3.7 mm, L 11.0 mm	REF 387-516-00	Hex key SW 2.5 – ISO shank, L 19.0 mm
REF 382-042-11	Conical former M red ø 4.2 mm, L 11.0 mm	REF 387-518-00	Hex key SW 2.5 – ISO shank, L 25.0 mm
REF 382-048-11	Conical former L blue ø 4.8 mm, L 11.0 mm	REF 387-620-00	Hex key SW 1.3 – ratchet, L 16.0 mm
REF 382-055-11	Conical former L green ø 5.5 mm, L 11.0 mm	REF 387-622-00	Hex key SW 1.3 – ratchet, L 26.0 mm
REF 382-033-13	Conical former S brown ø 3.3 mm, L 13.0 mm	REF 387-519-00	Hex key SW 2.5 – ratchet, L 8.0 mm
REF 382-037-13	Conical former M yellow ø 3.7 mm, L 13.0 mm	REF 387-520-00	Hex key SW 2.5 – ratchet, L 13.0 mm
REF 382-042-13	Conical former M red ø 4.2 mm, L 13.0 mm	REF 387-522-00	Hex key SW 2.5 – ratchet, L 23.0 mm
REF 382-048-13	Conical former L blue ø 4.8 mm, L 13.0 mm	REF 387-509-00	Drill extension – ISO shank hexagon, L 21.0 mm
REF 382-055-13	Conical former L green ø 5.5 mm, L 13.0 mm	REF 387-511-00	Adapter – ISO shank hexagon/ratchet, L 13.0 mm
REF 382-033-15	Conical former S brown ø 3.3 mm, L 15.0 mm	REF 387-514-00	Paralleling pin ø 1.4 / 2.0 mm, L 27.0 mm, 3 pieces
REF 382-037-15	Conical former M yellow ø 3.7 mm, L 15.0 mm	REF 387-523-00	Insertion key S – ratchet for implant ø 3.3 mm
REF 382-042-15	Conical former M red ø 4.2 mm, L 15.0 mm	REF 387-524-00	Insertion key M – ratchet for implant ø 3.7 mm / ø 4.2 mm
REF 382-048-15	Conical former L blue ø 4.8 mm, L 15.0 mm	REF 387-525-00	Insertion key L – ratchet for implant ø 4.8 mm / ø 5.5 mm
REF 382-055-15	Conical former L green ø 5.5 mm, L 15.0 mm	REF 387-640-00	Insertion key bar/AngleFix – ratchet
REF 382-033-17	Conical former S brown ø 3.3 mm, L 17.0 mm	REF 387-660-00	Insertion key ball abutment – ratchet
REF 382-037-17	Conical former M yellow ø 3.7 mm, L 17.0 mm	REF 387-415-00	Silicone o-ring 10 pieces
REF 382-042-17	Conical former M red ø 4.2 mm, L 17.0 mm		

Surgery ■ Tray STANDARD

■ Implantology

REF 387-410-00 tioLogic® surgical tray
STANDARD

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® DVD
- incl. tioLogic® Surgery Manual

REF 387-412-00 PTFE permanent filter

REF 387-413-00 Indicator tag with adhesive backing

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



■ Content tioLogic® surgical tray STANDARD

REF 382-015-00	Marking drill ø 1.5 mm	REF 382-048-17	Conical former L blue ø 4.8 mm, L 17.0 mm
REF 382-033-00	Surface cutter S brown ø 3.3 mm	REF 382-433-00	Thread tap S brown ø 3.3 mm
REF 382-037-00	Surface cutter M yellow ø 3.7 mm	REF 382-437-00	Thread tap M yellow ø 3.7 mm
REF 382-042-00	Surface cutter M red ø 4.2 mm	REF 382-442-00	Thread tap M red ø 4.2 mm
REF 382-048-00	Surface cutter L blue ø 4.8 mm	REF 382-448-00	Thread tap L blue ø 4.8 mm
REF 382-055-00	Surface cutter L green ø 5.5 mm	REF 382-455-00	Thread tap L green ø 5.5 mm
REF 382-020-09	Depth drill ø 2.0 mm, L 9.0 mm	REF 382-233-17	Conical former DB S brown dense bone, ø 3.3 mm
REF 382-020-11	Depth drill ø 2.0 mm, L 11.0 mm	REF 382-237-17	Conical former DB M yellow dense bone, ø 3.7 mm
REF 382-020-13	Depth drill ø 2.0 mm, L 13.0 mm	REF 382-242-17	Conical former DB M red dense bone, ø 4.2 mm
REF 382-020-15	Depth drill ø 2.0 mm, L 15.0 mm	REF 382-248-17	Conical former DB L blue dense bone, ø 4.8 mm
REF 382-020-17	Depth drill ø 2.0 mm, L 17.0 mm	REF 382-255-17	Conical former DB L green dense bone, ø 5.5 mm
REF 382-037-09	Conical former M yellow ø 3.7 mm, L 9.0 mm	REF 387-700-00	Torque ratchet with blocking function
REF 382-042-09	Conical former M red ø 4.2 mm, L 9.0 mm	REF 387-602-00	Sure-grip wheel
REF 382-048-09	Conical former L blue ø 4.8 mm, L 9.0 mm	REF 387-604-00	Locking key placement aid
REF 382-055-09	Conical former L green ø 5.5 mm, L 9.0 mm	REF 387-610-00	Hex key SW 1.3 – ISO shank, L 20.0 mm
REF 382-033-11	Conical former S brown ø 3.3 mm, L 11.0 mm	REF 387-612-00	Hex key SW 1.3 – ISO shank, L 26.0 mm
REF 382-037-11	Conical former M yellow ø 3.7 mm, L 11.0 mm	REF 387-516-00	Hex key SW 2.5 – ISO shank, L 19.0 mm
REF 382-042-11	Conical former M red ø 4.2 mm, L 11.0 mm	REF 387-518-00	Hex key SW 2.5 – ISO shank, L 25.0 mm
REF 382-048-11	Conical former L blue ø 4.8 mm, L 11.0 mm	REF 387-620-00	Hex key SW 1.3 – ratchet, L 16.0 mm
REF 382-055-11	Conical former L green ø 5.5 mm, L 11.0 mm	REF 387-622-00	Hex key SW 1.3 – ratchet, L 26.0 mm
REF 382-033-13	Conical former S brown ø 3.3 mm, L 13.0 mm	REF 387-519-00	Hex key SW 2.5 – ratchet, L 8.0 mm
REF 382-037-13	Conical former M yellow ø 3.7 mm, L 13.0 mm	REF 387-520-00	Hex key SW 2.5 – ratchet, L 13.0 mm
REF 382-042-13	Conical former M red ø 4.2 mm, L 13.0 mm	REF 387-522-00	Hex key SW 2.5 – ratchet, L 23.0 mm
REF 382-048-13	Conical former L blue ø 4.8 mm, L 13.0 mm	REF 387-509-00	Drill extension – ISO shank hexagon, L 21.0 mm
REF 382-055-13	Conical former L green ø 5.5 mm, L 13.0 mm	REF 387-511-00	Adapter – ISO shank hexagon/ratchet, L 13.0 mm
REF 382-033-15	Conical former S brown ø 3.3 mm, L 15.0 mm	REF 387-514-00	Paralleling pin ø 1.4 / 2.0 mm, L 27.0 mm, 3 pieces
REF 382-037-15	Conical former M yellow ø 3.7 mm, L 15.0 mm	REF 387-523-00	Insertion key S – ratchet for implant ø 3.3 mm
REF 382-042-15	Conical former M red ø 4.2 mm, L 15.0 mm	REF 387-524-00	Insertion key M – ratchet for implant ø 3.7 mm / ø 4.2 mm
REF 382-048-15	Conical former L blue ø 4.8 mm, L 15.0 mm	REF 387-525-00	Insertion key L – ratchet for implant ø 4.8 mm / ø 5.5 mm
REF 382-055-15	Conical former L green ø 5.5 mm, L 15.0 mm	REF 387-640-00	Insertion key bar/AngleFix – ratchet
REF 382-033-17	Conical former S brown ø 3.3 mm, L 17.0 mm	REF 387-660-00	Insertion key ball abutment – ratchet
REF 382-037-17	Conical former M yellow ø 3.7 mm, L 17.0 mm	REF 387-415-00	Silicone o-ring 10 pieces
REF 382-042-17	Conical former M red ø 4.2 mm, L 17.0 mm		

Surgery ■ Tray ADVANCED

■ Implantology

NEW

REF 387-424-00 tioLogic® surgical tray
ADVANCED

Fully equipped for insertion of
tioLogic® and tioLogic® **ST** implants.

- for Ø 3.3 mm/Ø 3.7 mm/Ø 4.2 mm/Ø 4.8 mm/Ø 5.5 mm
- reusable instruments
- Polyvac container for safekeeping
- incl. tioLogic® Surgery Manual
- incl. tioLogic® Folder ADVANCED

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



■ Content tioLogic® surgical tray ADVANCED

REF 382-015-00	Marking drill ø 1.5 mm	REF 387-700-00	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 placement aid
REF 382-733-00	Surface cutter ADVANCED S 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 M 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 M 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 L 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 L 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 S 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 M 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 M 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 L 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 L 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 S 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 M 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 M ø 4.2 mm, L 17.0 mm	REF 387-523-00	Insertion key S – ratchet for implant ø 3.3 mm
REF 382-948-15	Expander ADVANCED L ø 4.8 mm, L 17.0 mm	REF 387-524-00	Insertion key M – ratchet for implant ø 3.7 mm / ø 4.2 mm
REF 382-955-15	Expander ADVANCED L ø 5.5 mm, L 17.0 mm	REF 387-525-00	Insertion key L – ratchet for implant ø 4.8 mm / ø 5.5 mm
REF 382-933-00	Thread tap ADVANCED S ø 3.3 mm, L 17.0 mm	REF 387-640-00	Insertion key bar/AngleFix – ratchet
REF 382-937-00	Thread tap ADVANCED M ø 3.7 mm, L 17.0 mm	REF 387-660-00	Insertion key ball abutment – ratchet
REF 382-942-00	Thread tap ADVANCED M ø 4.2 mm, L 17.0 mm	REF 387-415-00	Silicone o-ring 10 pieces
REF 382-948-00	Thread tap ADVANCED L ø 4.8 mm, L 17.0 mm		
REF 382-955-00	Thread tap ADVANCED L ø 5.5 mm, L 17.0 mm		

Surgery ■ Tray pOosition

■ Implantology

REF 387-420-00 tioLogic® pOosition
surgical tray

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 tioLogic® pOosition
- incl. tioLogic® DVD
- incl. tioLogic® Surgery Manual

REF 387-412-00 PTFE permanent filter

REF 387-413-00 Indicator tag with adhesive backing

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



■ Content tioLogic® position surgical tray

REF 387-700-00	Torque ratchet with blocking function	REF 382-533-00	Expander position S ø 3.3 mm
REF 387-604-00	Locking key placement aid	REF 382-537-00	Expander position M ø 3.7 mm
REF 382-333-00	Gingiva cutter position S ø 3.3 mm	REF 382-542-00	Expander position M ø 4.2 mm
REF 382-337-00	Gingiva cutter position M ø 3.7 mm	REF 382-548-00	Expander position L ø 4.8 mm
REF 382-342-00	Gingiva cutter position M ø 4.2 mm	REF 382-555-00	Expander position L ø 4.8 mm
REF 382-348-00	Gingiva cutter position L ø 4.8 mm	REF 382-833-00	Thread tap position S ø 3.3 mm
REF 382-355-00	Gingiva cutter position L ø 5.5 mm	REF 382-837-00	Thread tap position M ø 3.7 mm
REF 382-320-09	Depth drill position ø 2.0 mm, L 9.0 mm	REF 382-842-00	Thread tap position M ø 4.2 mm
REF 382-320-11	Depth drill position ø 2.0 mm, L 11.0 mm	REF 382-848-00	Thread tap position L ø 4.8 mm
REF 382-320-13	Depth drill position ø 2.0 mm, L 13.0 mm	REF 382-855-00	Thread tap position L ø 5.5 mm
REF 382-320-15	Depth drill position ø 2.0 mm, L 15.0 mm	REF 387-602-00	Sure-grip wheel
REF 382-333-11	Stepped countersink position S ø 3.3 mm, L 11.0 mm	REF 381-500-00	Holder for inner sleeve 3 pieces
REF 382-333-13	Stepped countersink position S ø 3.3 mm, L 13.0 mm	REF 387-610-00	Hex key SW 1.3 – ISO shank, L 20.0 mm
REF 382-333-15	Stepped countersink position S ø 3.3 mm, L 15.0 mm	REF 387-612-00	Hex key SW 1.3 – ISO shank, L 26.0 mm
REF 382-337-09	Stepped countersink position M ø 3.7 mm, L 9.0 mm	REF 387-516-00	Hex key SW 2.5 – ISO shank, L 19.0 mm
REF 382-337-11	Stepped countersink position M ø 3.7 mm, L 11.0 mm	REF 387-518-00	Hex key SW 2.5 – ISO shank, L 25.0 mm
REF 382-337-13	Stepped countersink position M ø 3.7 mm, L 13.0 mm	REF 387-620-00	Hex key SW 1.3 – ratchet, L 16.0 mm
REF 382-337-15	Stepped countersink position M ø 3.7 mm, L 15.0 mm	REF 387-622-00	Hex key SW 1.3 – ratchet, L 26.0 mm
REF 382-342-09	Stepped countersink position M ø 4.2 mm, L 9.0 mm	REF 387-520-00	Hex key SW 2.5 – ratchet, L 13.0 mm
REF 382-342-11	Stepped countersink position M ø 4.2 mm, L 11.0 mm	REF 387-522-00	Hex key SW 2.5 – ratchet, L 23.0 mm
REF 382-342-13	Stepped countersink position M ø 4.2 mm, L 13.0 mm	REF 387-509-00	Drill extension – ISO shank hexagon, L 21.0 mm
REF 382-342-15	Stepped countersink position M ø 4.2 mm, L 15.0 mm	REF 387-511-00	Adapter – ISO shank/ratchet, L 13.0 mm
REF 382-348-09	Stepped countersink position L ø 4.8 mm, L 9.0 mm	REF 387-514-00	Paralleling pin, ø 1.4 mm / ø 2.0 mm, L 27.0 mm, 3 pieces
REF 382-348-11	Stepped countersink position L ø 4.8 mm, L 11.0 mm	REF 387-523-00	Insertion key S – ratchet for implant ø 3.3 mm
REF 382-348-13	Stepped countersink position L ø 4.8 mm, L 13.0 mm	REF 387-524-00	Insertion key M – ratchet for implant ø 3.7 mm / ø 4.2 mm
REF 382-348-15	Stepped countersink position L ø 4.8 mm, L 15.0 mm	REF 387-525-00	Insertion key L – ratchet for implant ø 4.8 mm / ø 5.5 mm
REF 382-355-09	Stepped countersink position L ø 5.5 mm, L 9.0 mm	REF 387-640-00	Insertion key bar/AngleFix – ratchet
REF 382-355-11	Stepped countersink position L ø 5.5 mm, L 11.0 mm	REF 387-660-00	Insertion key ball abutment – ratchet
REF 382-355-13	Stepped countersink position L ø 5.5 mm, L 13.0 mm	REF 387-415-00	Silicone o-ring 10 pieces
REF 382-355-15	Stepped countersink position L ø 5.5 mm, L 15.0 mm		

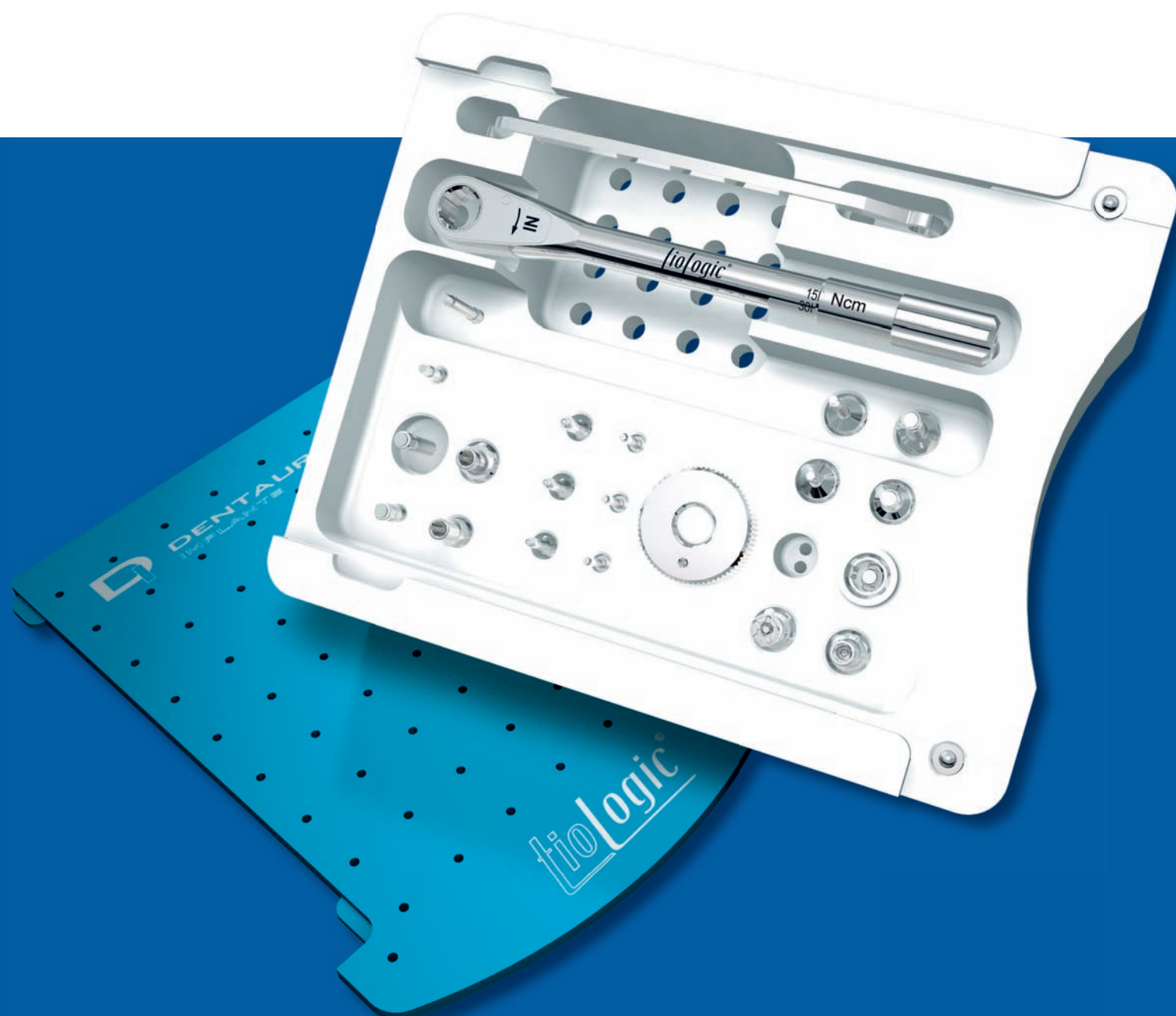
Surgery ■ Instrument tray

■ Implantology

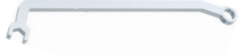
REF 387-414-00 tioLogic® instrument tray

With accessory components for exposure, gingival forming, fitting the prosthetic restoration.

- for all implant diameters
- high-strength plastic tray, anodized aluminium cover



■ Content tioLogic® instrument tray

REF 387-700-00		Torque ratchet with blocking function
REF 387-602-00		Sure-grip wheel
REF 387-604-00		Locking key placement aid
REF 387-610-00		Hex key SW 1.3 – ISO shank, L 20.0 mm
REF 387-612-00		Hex key SW 1.3 – ISO shank, L 26.0 mm
REF 387-516-00		Hex key SW 2.5 – ISO shank, L 19.0 mm
REF 387-518-00		Hex key SW 2.5 – ISO shank, L 25.0 mm
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
REF 387-519-00		Hex key SW 2.5 – ratchet, L 8.0 mm
REF 387-520-00		Hex key SW 2.5 – ratchet, L 13.0 mm
REF 387-522-00		Hex key SW 2.5 – ratchet, L 23.0 mm
REF 387-510-00		Drill extension – ISO shank hexagon
REF 387-511-00		Adapter – ISO shank hexagon/ratchet
REF 387-514-00		Paralleling pin ø 1.4 / 2.0 mm, L 27.0 mm, 3 pieces
REF 387-523-00		Insertion key S – ratchet for implant ø 3.3 mm
REF 387-524-00		Insertion key M – ratchet for implant ø 3.7 mm / ø 4.2 mm
REF 387-525-00		Insertion key L – ratchet for implant ø 4.8 mm / ø 5.5 mm
REF 387-640-00		Insertion key bar / AngleFix – ratchet
REF 387-660-00		Insertion key ball abutment – ratchet
REF 387-415-00		Silicone o-ring 10 pieces

Surgery ■ Tray – ProstheticSet

■ Implantology

NEW

REF 387-426-00 tioLogic® ProstheticSet

With accessory components for prosthetic insertion.

- for all implant diameters
- Polyvac container for safekeeping



■ Content tioLogic® ProstheticSet

REF 387-700-00		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

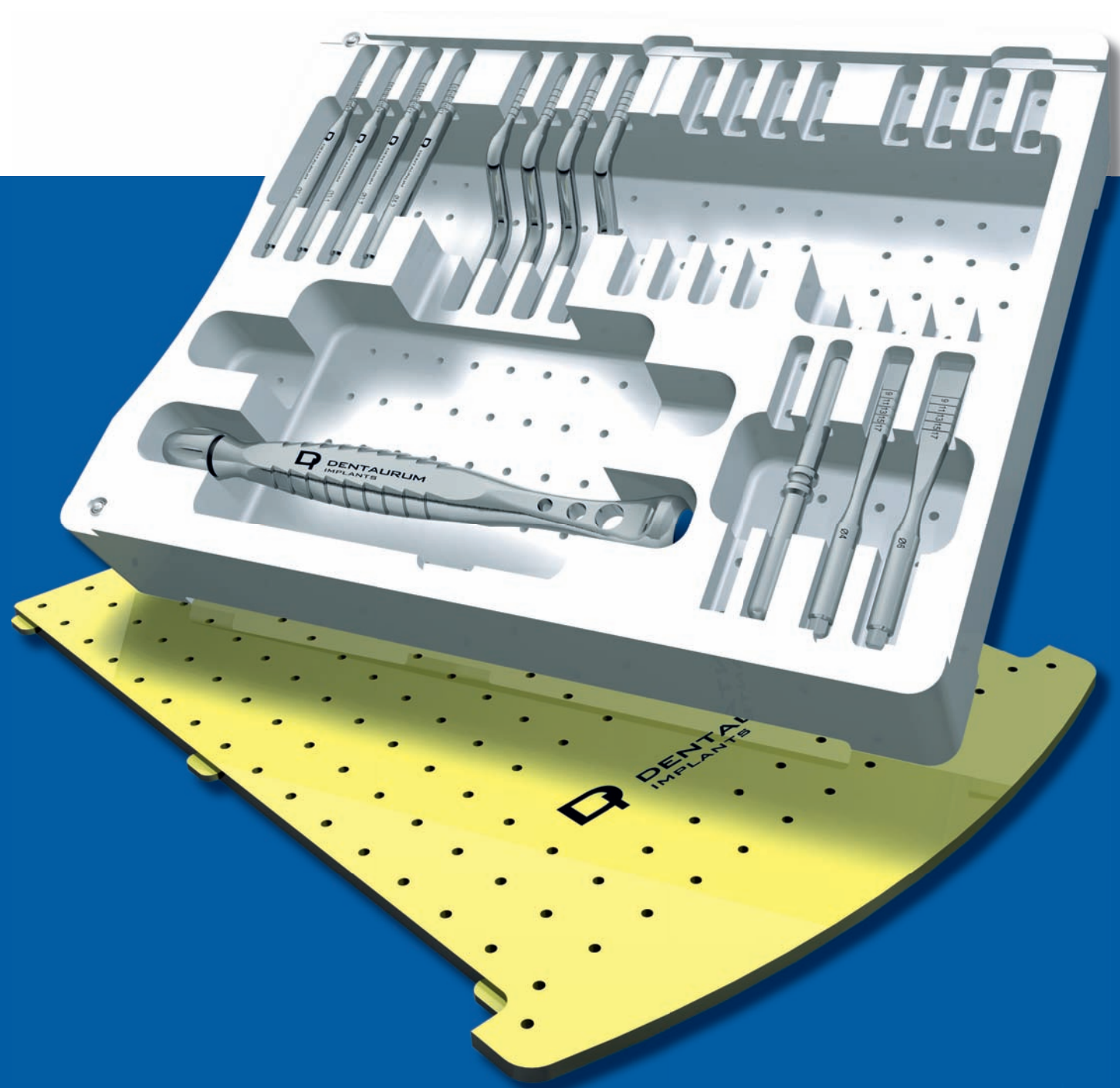
Surgery ■ Osteotome tray

■ Implantology

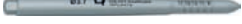
REF 350-102-00 Osteotome tray

Complete with osteotomes and bone chisels, for an optimum implant site with tioLogic® implants.

- convex, straight/angled
- bone chisel, width 4.0 und 6.0 mm
- grip optimized to the anatomical shape of the hand with exchangeable handles
- high-quality tray for maximum protection and perfect overview



■ Content Osteotome tray

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 350-160-00		Bone chisel	4.0 mm
REF 350-161-00		Bone chisel	6.0 mm

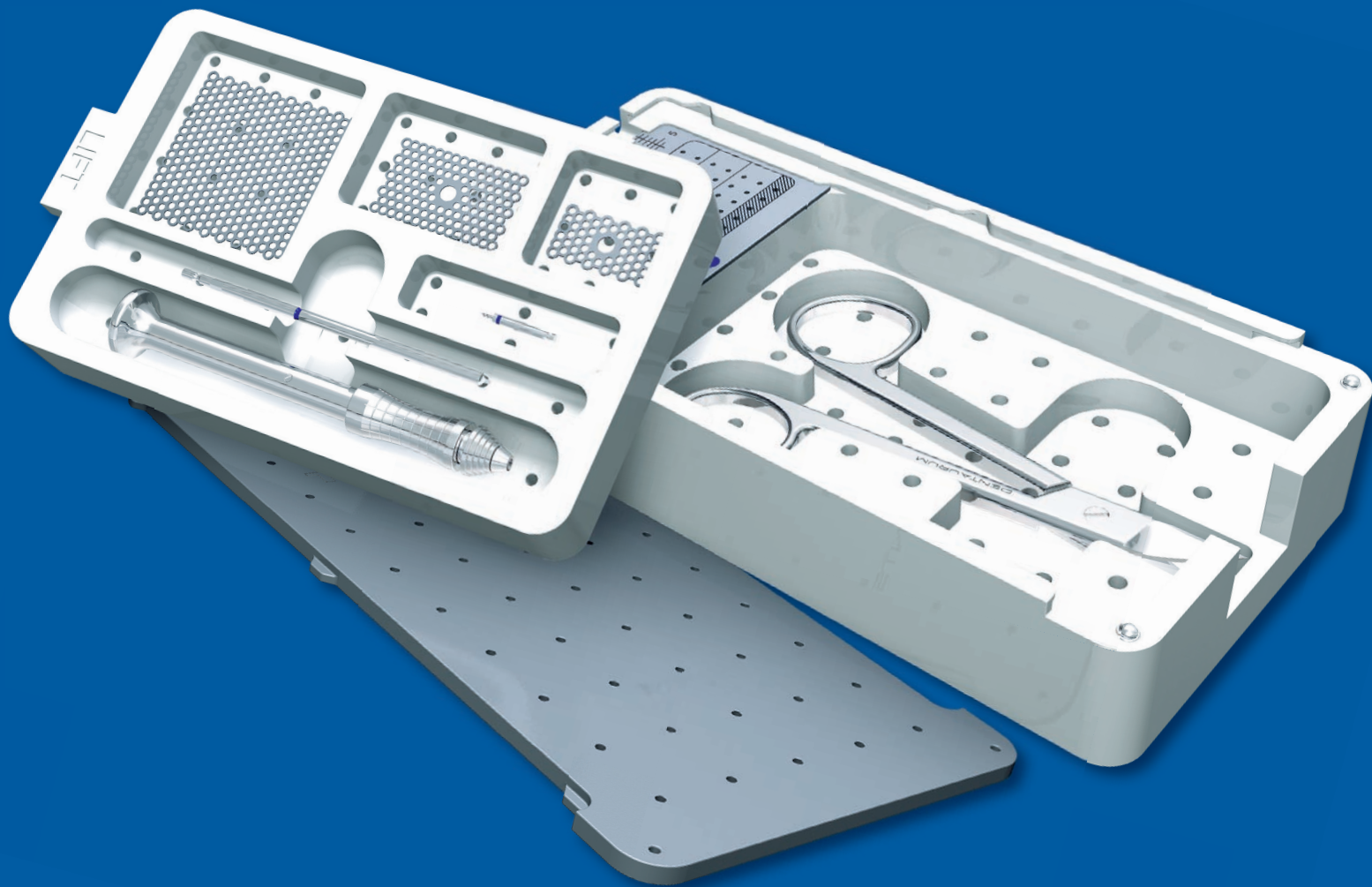
Surgery ■ TIOMESH tray

■ Bone regeneration

REF 360-010-00 TIOMESH tray

Complete with membrane system for the regeneration of oral bone defects (designed by Dr. M. Sontheimer)

- reconstruction of local alveolar ridge defects
- augmentation of circumferential or regional ridge defects
- pre-implantological and post traumatic immediate reconstructions
- enables simultaneous bone augmentation during placement of all types of conventional endosteal implants
- fixation and stabilisation of the membrane through a central punching for the fixation with the closure screw of the implant
- treatment of bone defects in cases of peri-implantitis
- fixation of bone blocks



■ Content TIOMESH tray

REF 360-100-00		Titanium Mesh	20.0 x 10.0 x 0.2 mm
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 360-220-00		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 360-230-00		Bone screw Titanium 2 pieces	1.2 x 3.0 mm
REF 360-400-00		Screwdriver handle	
REF 360-401-00		Screwdriver for screw $\varnothing$ 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

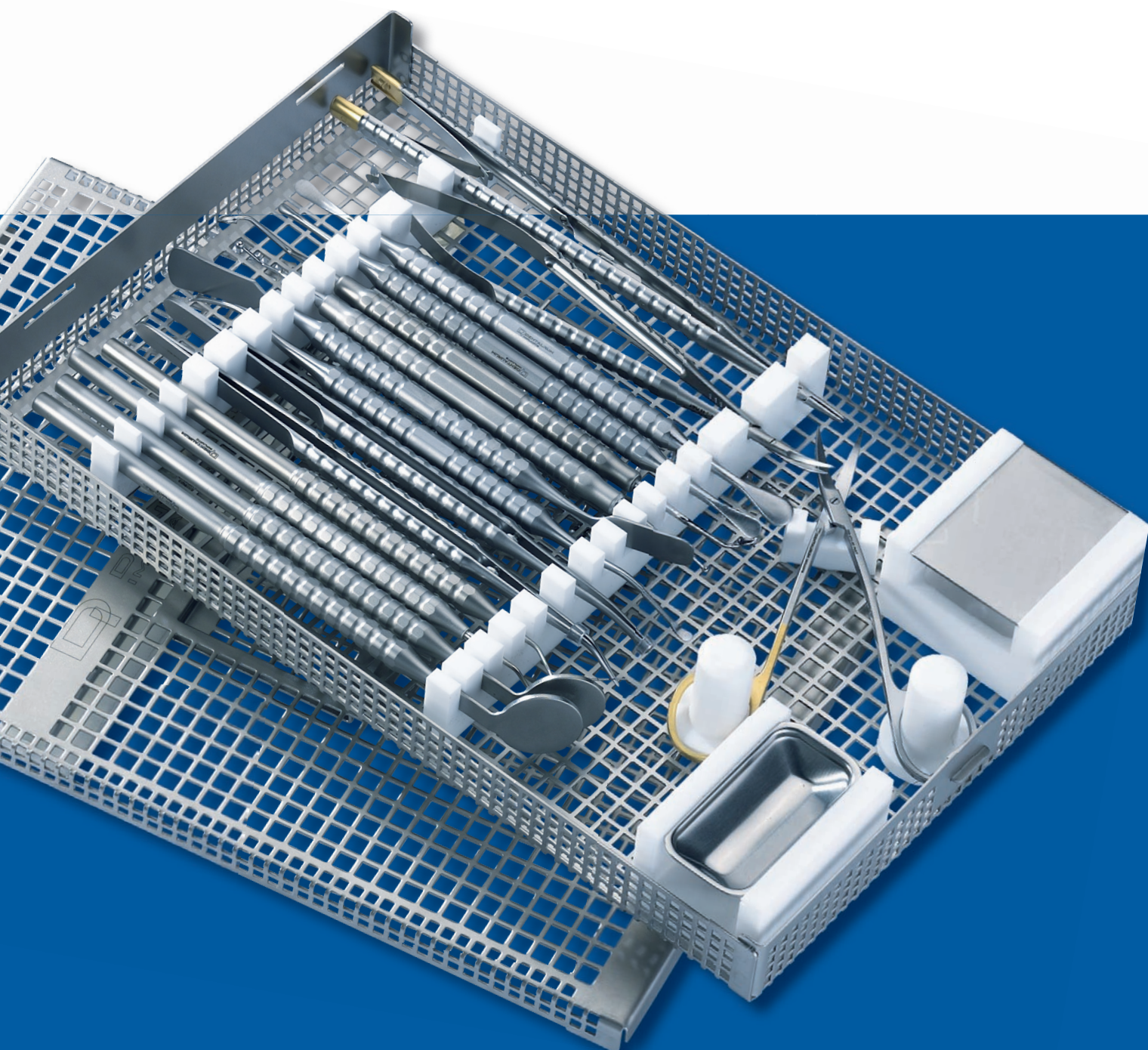
Surgery ■ TIOSET® tray

■ Bone regeneration

REF 350-010-00 TIOSET® instrument tray

Complete with instrumentarium for dental surgery and implantology (designed by Dr. M. Sontheimer)

- all instrument functions specially redesigned and modified for use in surgery and implantology
- optimal handling due to the uniform design of the instrument handles
- impact-resistant and systematic storage of instruments in the specially designed wash-tray



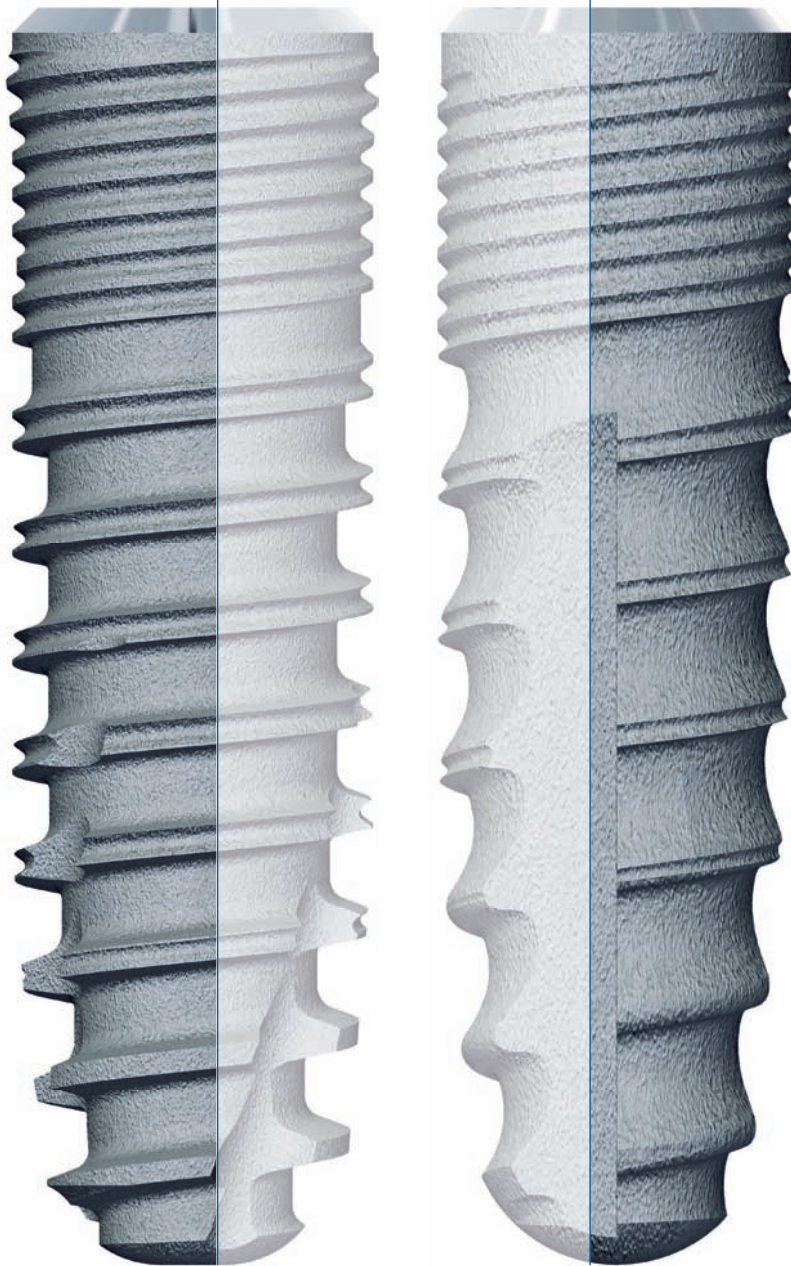
■ Content TIOSET® instrument tray

Dental mirror 2 pieces	Wide support surface for retracting the corner of the mouth. No injury to the corner of the mouth.
Dental probe	Exchangeable attachment.
Periodontal measuring modified	For checking the bone depth after pilot drilling.
Dental tweezers	Slimline
Tissue forceps	Special serrations (very small and slender) hold the tissue flap securely and atraumatically.
Scraper	For removing soft tissue debris and for smoothing edges of bone.
Sharp curette	For removing soft tissue debris (e.g. from the alveolus) and grafting bone material.
Ball-end plugger	For adapting grafted bone or augmentation material.
Double retractor	For gentle retraction of the mucoperiosteal flap. No traumatization of the tissue due to reliable contact with the bone. Narrow side for use in distal area, broad side for use in the anterior area.
Rasparatory broad	An additional instrument for gently loosening the mucoperiosteal flap.
Rasparatory narrow	For loosening the mucoperiosteal flap at the incision or papillae.
Micro-scissors	For thinning or cutting the mucoperiosteum flap.
Needle holder	Slimline, long shape allows universal use.
La Grange sciccors	Can be used for all areas due to the dual-curve design.
Graft material dish	For collecting bone harvested during implant placement with the implant system or for mixing graft material.
Drill block	For secure storage of drills.

NEW

*tio*logic® ST

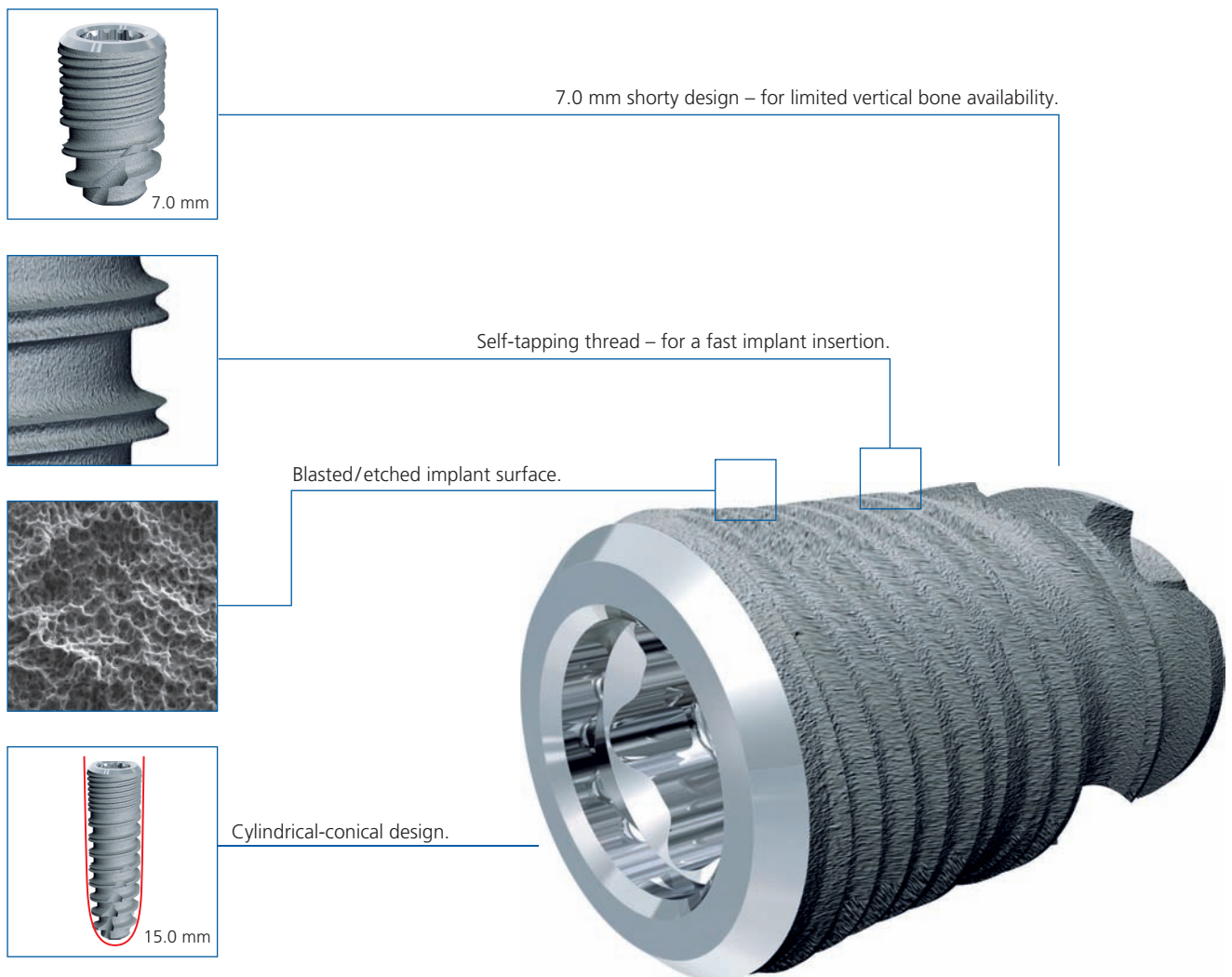
*tio*logic®



tioLogic® ST

The patented macro and micro design of the tioLogic® implants has been developed further under biomechanical aspects to impact the implant insertion and the healing positively and to extend the range of indications¹. The modified self-tapping thread geometry enables in combination with the reduced thread pitch a fast and atraumatic implant insertion at a steady insertion torque and a high primary stability. Additionally the tioLogic® **ST** 7.0 mm implant extends the range of indications at limited vertical bone availability.

All tioLogic® **ST** implants have the tried and trusted S-M-L concept. Therefore they are compatible with the existing prosthetic series of abutments and fit in perfect in the tioLogic® product portfolio. The implant site for the tioLogic® and tioLogic® **ST** implants is prepared with the same rotating instruments.



¹ I. Hasan, H. Stark, C. Boureau: Biomechanical studies of the tioLogic® **ST** implant, University of Bonn 2012.

Surgery ■ tioLogic® implants **ST**

■ ø 3.3 mm S			NEW	
REF 383-133-09		tioLogic® implant ST (S)	ø 3.3 mm	L 9.0 mm
REF 383-133-11		tioLogic® implant ST (S)	ø 3.3 mm	L 11.0 mm
REF 383-133-13		tioLogic® implant ST (S)	ø 3.3 mm	L 13.0 mm
REF 383-133-15		tioLogic® implant ST (S)	ø 3.3 mm	L 15.0 mm
Supplied with closure screw S				
■ ø 3.7 mm M			NEW	
REF 383-137-07		tioLogic® implant ST (M)	ø 3.7 mm	L 7.0 mm
REF 383-137-09		tioLogic® implant ST (M)	ø 3.7 mm	L 9.0 mm
REF 383-137-11		tioLogic® implant ST (M)	ø 3.7 mm	L 11.0 mm
REF 383-137-13		tioLogic® implant ST (M)	ø 3.7 mm	L 13.0 mm
REF 383-137-15		tioLogic® implant ST (M)	ø 3.7 mm	L 15.0 mm
Supplied with closure screw M				
■ ø 4.2 mm M			NEW	
REF 383-142-07		tioLogic® implant ST (M)	ø 3.7 mm	L 7.0 mm
REF 383-142-09		tioLogic® implant ST (M)	ø 3.7 mm	L 9.0 mm
REF 383-142-11		tioLogic® implant ST (M)	ø 3.7 mm	L 11.0 mm
REF 383-142-13		tioLogic® implant ST (M)	ø 3.7 mm	L 13.0 mm
REF 383-142-15		tioLogic® implant ST (M)	ø 3.7 mm	L 15.0 mm
Supplied with closure screw M				
■ ø 4.8 mm L			NEW	
REF 383-148-07		tioLogic® implant ST (L)	ø 4.8 mm	L 7.0 mm
REF 383-148-09		tioLogic® implant ST (L)	ø 4.8 mm	L 9.0 mm
REF 383-148-11		tioLogic® implant ST (L)	ø 4.8 mm	L 11.0 mm
REF 383-148-13		tioLogic® implant ST (L)	ø 4.8 mm	L 13.0 mm
REF 383-148-15		tioLogic® implant ST (L)	ø 4.8 mm	L 15.0 mm
Supplied with closure screw L				
■ ø 5.5 mm L			NEW	
REF 383-155-09		tioLogic® implant ST (L)	ø 5.5 mm	L 9.0 mm
REF 383-155-11		tioLogic® implant ST (L)	ø 5.5 mm	L 11.0 mm
REF 383-155-13		tioLogic® implant ST (L)	ø 5.5 mm	L 13.0 mm
REF 383-155-15		tioLogic® implant ST (L)	ø 5.5 mm	L 15.0 mm
Supplied with closure screw L				

■ ø 3.3 mm S

REF 383-033-11		tioLogic® implant (S)	ø 3.3 mm	L 11.0 mm
REF 383-033-13		tioLogic® implant (S)	ø 3.3 mm	L 13.0 mm
REF 383-033-15		tioLogic® implant (S)	ø 3.3 mm	L 15.0 mm
REF 383-033-17		tioLogic® implant (S)	ø 3.3 mm	L 17.0 mm
Supplied with closure screw S				

■ ø 3.7 mm M

REF 383-037-09		tioLogic® implant (M)	ø 3.7 mm	L 9.0 mm
REF 383-037-11		tioLogic® implant (M)	ø 3.7 mm	L 11.0 mm
REF 383-037-13		tioLogic® implant (M)	ø 3.7 mm	L 13.0 mm
REF 383-037-15		tioLogic® implant (M)	ø 3.7 mm	L 15.0 mm
REF 383-037-17		tioLogic® implant (M)	ø 3.7 mm	L 17.0 mm
Supplied with closure screw M				

■ ø 4.2 mm M

REF 383-042-09		tioLogic® implant (M)	ø 3.7 mm	L 9.0 mm
REF 383-042-11		tioLogic® implant (M)	ø 3.7 mm	L 11.0 mm
REF 383-042-13		tioLogic® implant (M)	ø 3.7 mm	L 13.0 mm
REF 383-042-15		tioLogic® implant (M)	ø 3.7 mm	L 15.0 mm
REF 383-042-17		tioLogic® implant (M)	ø 3.7 mm	L 17.0 mm
Supplied with closure screw M				

■ ø 4.8 mm L

REF 383-048-09		tioLogic® implant (L)	ø 4.8 mm	L 9.0 mm
REF 383-048-11		tioLogic® implant (L)	ø 4.8 mm	L 11.0 mm
REF 383-048-13		tioLogic® implant (L)	ø 4.8 mm	L 13.0 mm
REF 383-048-15		tioLogic® implant (L)	ø 4.8 mm	L 15.0 mm
REF 383-048-17		tioLogic® implant (L)	ø 4.8 mm	L 17.0 mm
Supplied with closure screw L				

■ ø 5.5 mm L

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

Surgery ■ Gingiva formers

■ 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



PROSTHETICS.

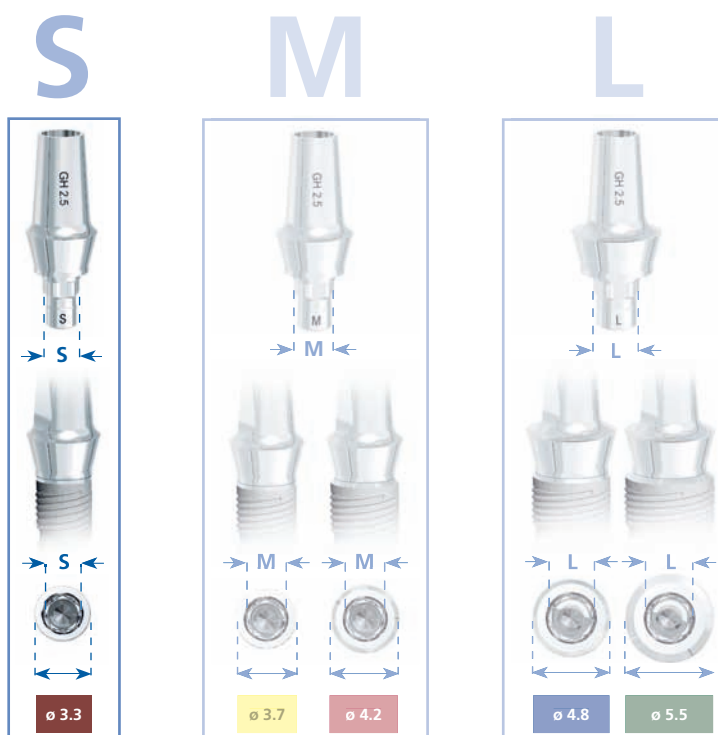
Prosthetic components of a modern implant system should provide the dental technician with the ideal combination of aesthetics, customizability, clear organization and easy handling. This not only involves having an optimum selection of prosthetic components in different materials for all indications but also efficient component flexibility. The user has a choice of all prosthetic components in 3 prosthetic series of abutments (S-M-L) with 5 implant diameters.





Series of abutments **S**

for $\varnothing$ 3.3 mm tioLogic® implants.



Components series of abutments S ■ Prosthetics

■ Impression

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 kap S and kap for bite registration S, screw		L 7.0 mm
REF 385-122-00		Impression cap S 5 pieces		L 6.0 mm
REF 385-123-00		Cap for bite registration 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 S		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

■ CAD/CAM components

REF 386-185-00		Scan abutment S, incl. AnoTite screw		
REF 386-113-00		CAD/CAM Titanium base S, incl. AnoTite screw		
REF 386-190-00		CAD/CAM Titanium base with adjustable scan abutment S, incl. AnoTite screw		
REF 386-180-00		CAD/CAM Titanium base S ZENOTEC®, Wieland, incl. AnoTite screw		
REF 386-910-00		AnoTite screw	M 1.6	L 9.0 mm
REF 386-914-00		Prosthetic screw, Titanium for laboratory use only	M 1.6	L 9.0 mm

Prosthetics ■ Components series of abutments S

■ Ceramics

REF 386-110-00		Ceramic abutment S incl. AnoTite screw	GH 3.0 mm	L 9.6 mm
REF 386-111-00		Ceramic abutment S incl. AnoTite screw	GH 2.0 mm 15°	L 9.6 mm,
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, Titanium 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, Titanium 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, Titanium for laboratory use only	M 1.6	L 9.0 mm

Components series of abutments S ■ Prosthetics

■ Bars and bridges

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 386-414-00		Screw impression post, bar	M 1.6	L 16.0 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		Temporary Titanium cap bar incl. AnoTite screw		L 10.8 mm
REF 386-444-00		Resilient bar Ku, macro		L 50.0 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/AngleFix	M 1.6	L 6.0 mm
REF 386-916-00		Prosthetic screw, bar, Titanium 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 kap, cap for bite registration, screw		
REF 386-462-00		AngleFix Impression cap, closed, 5 pieces		
REF 386-464-00		AngleFix 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 386-910-00		AnoTite screw	M 1.6	L 9.0 mm
REF 386-912-00		AnoTite screw Bar/AngleFix	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	ø 4.0 mm	L 10.0 mm
REF 386-516-00		LOCATOR® laboratory set Retentions housing with black processing insert. Retention insert: 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 2.270 g	
REF 386-522-00		LOCATOR® retention insert 4 pieces	pink, 0–10°, low 1.365 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® angled measuring post 4 pieces	L 8.0 mm	

Prosthetics ■ Components series of abutments S

■ Ball abutments

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	
REF 386-620-00		Inner matrix Unor Ecco Ti/Ku	red high, ca. 1.200 g
REF 386-624-00		Inner matrix Unor Ecco Au/Pt	standard, ca. 800 g

Components series of abutments S ■ Prosthetics

■ Magnet

REF 386-170-00		Steco Titanmagnetics® Insert S x-Line	GH 3.0 mm
REF 386-171-00		Steco Titanmagnetics® Insert S x-Line	GH 4.5 mm
REF 386-712-00		Steco Titanmagnetics® impression post x-Line	L 7.0 mm
REF 386-714-00		Steco Titanmagnetics® laboratory implant x-Line	L 9.0 mm
REF 386-716-00		Steco dentures Titanmagnetics® x-Line	L 2.6 mm
REF 386-718-00		Steco positioning sleeve x-Line, supragingival	
REF 386-720-00		Steco positioning sleeve x-Line, subgingival	

■ SFI-Bar®

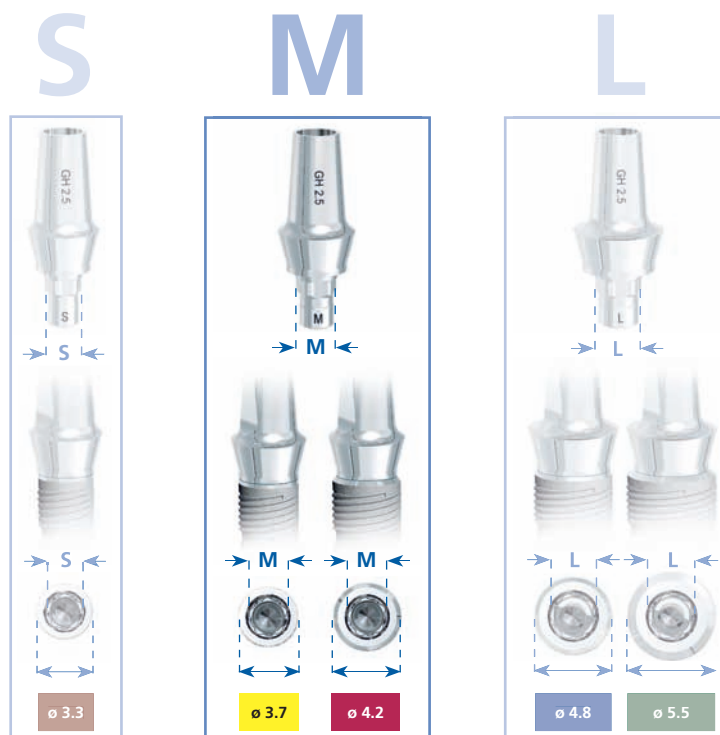
REF 386-165-00		SFI-Bar® implant adapter¹ tioLogic® S	GH 3.0 mm
REF 386-166-00		SFI-Bar® implant adapter¹ tioLogic® S	GH 4.0 mm
REF 386-167-00		SFI-Bar® implant adapter¹ tioLogic® S	GH 5.0 mm
REF 386-168-00		SFI-Bar® implant adapter¹ tioLogic® S	GH 6.0 mm

¹ Further information on www.sfi-bar.com



Series of abutments M

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



Components series of abutments M ■ Prosthetics

■ Impression

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 and cap for bite registration M, screw		L 7.0 mm
REF 385-222-00		Impression cap M 5 pieces		L 6.0 mm
REF 385-223-00		Cap for bite registration 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

■ CAD/CAM components

REF 386-285-00		Scan abutment M incl. AnoTite screw		
REF 386-213-00		CAD/CAM Titanium base M incl. AnoTite screw		
REF 386-290-00		CAD/CAM Titanium base with adjustable scan abutment M incl. AnoTite screw		
REF 386-180-00		CAD/CAM Titanium base M ZENOTEC®, Wieland, incl. AnoTite screw		
REF 386-910-00		AnoTite screw	M 1.6	L 9.0 mm
REF 386-914-00		Prosthetic screw, Titanium for laboratory use only	M 1.6	L 9.0 mm

Prosthetics ■ Components series of abutments M

■ Ceramics

REF 386-210-00		Ceramic abutment M incl. AnoTite screw	GH 3.0 mm	L 9.6 mm
REF 386-211-00		Ceramic abutment M incl. AnoTite screw	GH 2.0 mm, 15°	L 9.6 mm
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, Titanium 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, Titanium 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, Titanium for laboratory use only	M 1.6	L 9.0 mm

Components series of abutments M ■ Prosthetics

■ Bars and bridges

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 386-414-00		Screw impression post, bar	M 1.6	L 16.0 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		Temporary Titanium cap bar incl. AnoTite screw		L 10.8 mm
REF 386-444-00		Resilient bar Ku, macro		L 50.0 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/AngleFix	M 1.6	L 6.0 mm
REF 386-916-00		Prosthetic screw, bar, Titanium 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 kap, cap for bite registration, screw		
REF 386-462-00		AngleFix Impression cap, closed, 5 pieces		
REF 386-464-00		AngleFix 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 386-910-00		AnoTite screw	M 1.6	L 9.0 mm
REF 386-912-00		AnoTite screw Bar/AngleFix	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	ø 4.0 mm	L 10.0 mm
REF 386-516-00		LOCATOR® laboratory set Retention housing with black processing insert. Retention insert 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 2.270 g	
REF 386-522-00		LOCATOR® retention insert 4 pieces	pink, 0–10°, low 1.365 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 0–10°, 1.815 g	
REF 386-528-00		LOCATOR® retention insert 4 pieces	red*, extended angulation 0–10°, 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® angled measuring post 4 pieces	L 8.0 mm	

* not admitted for tioLogic® implants S 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	
REF 386-620-00		Inner matrix Unor Ecco Ti/Ku	red high, ca. 1.200 g
REF 386-624-00		Inner matrix Unor Ecco Au/Pt	standard, ca. 800 g

Components series of abutments M ■ Prosthetics

■ Magnet

REF 386-270-00		Steco Titanmagnetics® Insert M x-Line	GH 3.0 mm
REF 386-271-00		Steco Titanmagnetics® Insert M x-Line	GH 4.5 mm
REF 386-712-00		Steco Titanmagnetics® impression post x-Line	L 7.0 mm
REF 386-714-00		Steco Titanmagnetics® laboratory implant x-Line	L 9.0 mm
REF 386-716-00		Steco dentures Titanmagnetics® x-Line	L 2.6 mm
REF 386-718-00		Steco positioning sleeve x-Line, supragingival	
REF 386-720-00		Steco positioning sleeve x-Line, subgingival	

■ SFI-Bar®

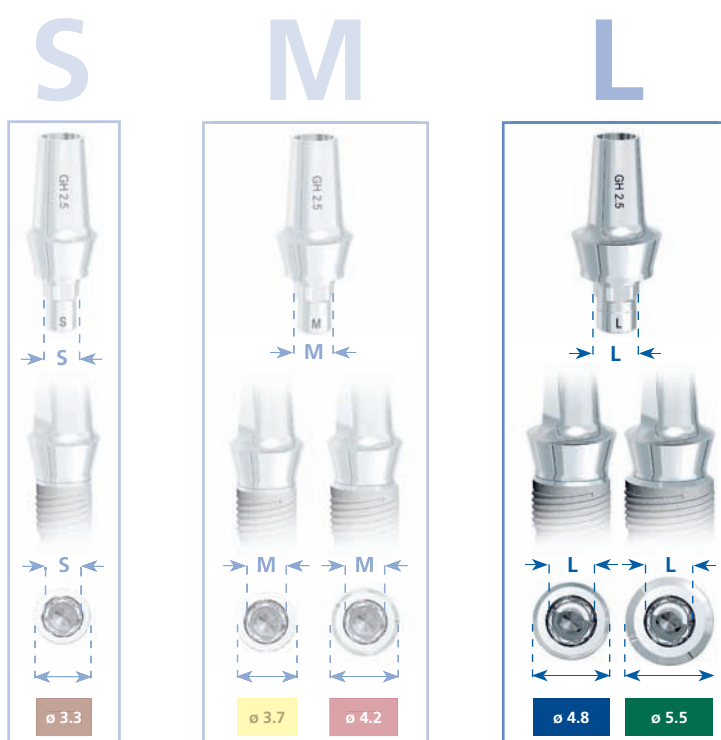
REF 386-265-00		SFI-Bar® implant adapter¹ tioLogic® M	GH 3.0 mm
REF 386-266-00		SFI-Bar® implant adapter¹ tioLogic® M	GH 4.0 mm
REF 386-267-00		SFI-Bar® implant adapter¹ tioLogic® M	GH 5.0 mm
REF 386-268-00		SFI-Bar® implant adapter¹ tioLogic® M	GH 6.0 mm

¹ Further information on www.sfi-bar.com



Series of abutments **L**

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



Components series of abutments L ■ Prosthetics

■ Impression

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 and cap for bite registration L, screw		L 7.0 mm
REF 385-322-00		Impression cap L 5 pieces		L 6.0 mm
REF 385-323-00		Cap for bite registration 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

■ CAD/CAM components

REF 386-385-00		Scan abutment L incl. AnoTite screw		
REF 386-313-00		CAD/CAM Titanium base L incl. AnoTite screw		
REF 386-390-00		CAD/CAM Titanium base with adjustable scan abutment L incl. AnoTite screw		
REF 386-180-00		CAD/CAM Titanium base L ZENOTEC®, Wieland, incl. AnoTite screw		
REF 386-910-00		AnoTite screw	M 1.6	L 9.0 mm
REF 386-914-00		Prosthetic screw, Titanium for laboratory use only	M 1.6	L 9.0 mm

Prosthetics ■ Components series of abutments L

■ Ceramics

REF 386-310-00		Ceramic abutment L incl. AnoTite screw	GH 3.0 mm	L 9.6 mm
REF 386-311-00		Ceramic abutment L incl. AnoTite screw	GH 2.0 mm, 15°	L 9.6 mm
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, Titanium 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, Titanium 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, Titanium for laboratory use only	M 1.6	L 9.0 mm

Components series of abutments L ■ Prosthetics

■ Bars and bridges

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 386-414-00		Screw impression post, bar	M 1.6	L 16.0 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		Temporary Titanium cap bar incl. AnoTite screw		L 10.8 mm
REF 386-444-00		Resilient bar Ku, macro		L 50.0 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 / AngleFix	M 1.6	L 6.0 mm
REF 386-916-00		Prosthetic screw, bar, Titanium 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 kap, cap for bite registration, screw		
REF 386-462-00		AngleFix Impression cap, closed, 5 pieces		
REF 386-464-00		AngleFix 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 386-910-00		AnoTite screw	M 1.6	L 9.0 mm
REF 386-912-00		AnoTite screw Bar/AngleFix	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	ø 4.0 mm	L 10.0 mm
REF 386-516-00		LOCATOR® laboratory set Retention housing with black processing insert. Retention insert 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 2.270 g	
REF 386-522-00		LOCATOR® retention insert 4 pieces	pink, 0–10°, low 1.365 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 0–10°, 1.815 g	
REF 386-528-00		LOCATOR® retention insert 4 pieces	red*, extended angulation 0–10°, 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® angled measuring post 4 pieces	L 8.0 mm	

* not admitted for tioLogic® implants S 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	
REF 386-620-00		Inner matrix Unor Ecco Ti/Ku	red high, ca. 1.200 g
REF 386-624-00		Inner matrix Unor Ecco Au/Pt	standard, ca. 800 g

Components series of abutments L ■ Prosthetics

■ Magnet

REF 386-370-00		Steco Titanmagnetics® Insert L x-Line	GH 3.0 mm
REF 386-371-00		Steco Titanmagnetics® Insert L x-Line	GH 4.5 mm
REF 386-712-00		Steco Titanmagnetics® impression post x-Line	L 7.0 mm
REF 386-714-00		Steco Titanmagnetics® laboratory implant x-Line	L 9.0 mm
REF 386-716-00		Steco dentures Titanmagnetics® x-Line	L 2.6 mm
REF 386-718-00		Steco positioning sleeve x-Line, supragingival	
REF 386-720-00		Steco positioning sleeve x-Line, subgingival	

■ SFI-Bar®

REF 386-365-00		SFI-Bar® implant adapter¹ tioLogic® L	GH 3.0 mm
REF 386-366-00		SFI-Bar® implant adapter¹ tioLogic® L	GH 4.0 mm
REF 386-367-00		SFI-Bar® implant adapter¹ tioLogic® L	GH 5.0 mm
REF 386-368-00		SFI-Bar® implant adapter¹ tioLogic® L	GH 6.0 mm

¹ Further information on www.sfi-bar.com



ACCESSORY.

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, e.g. a functionally reliable torque ratchet or optimal laboratory preparation instruments.



Accessory ■ 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 13.0 mm
REF 387-514-00		Paralleling pin	Ø 1.4 / 2.0 mm	L 27.0 mm
REF 387-523-00		Insertion key S–ratchet for implant Ø 3.3 mm		
REF 387-524-00		Insertion key M–ratchet for implant Ø 3.7 mm / Ø 4.2 mm		
REF 387-525-00		Insertion key L–ratchet for implant Ø 4.8 mm / Ø 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 310-010-00		Tiodrape Dental-Set		
REF 381-500-00		Holder for inner sleeve		
REF 387-530-00		Cleaning pin		

■ Osteotome – Single items

REF 350-106-00		Surgical mallet	
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

Accessory ■ Surgery – single items trays

■ Bone regeneration – Single items

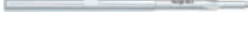
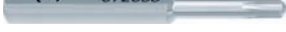
REF 360-100-00		Titanium Mesh	20.0 x 10.0 x 0.2 mm
REF 360-110-00		Titanium Mesh	25.0 x 15.0 x 0.2 mm
REF 360-120-00		Titanium Mesh	30.0 x 30.0 x 0.2 mm
REF 360-210-00		Bone screw Titanium 5 pieces	1.0 x 2.0 mm
REF 360-220-00		Bone screw Titanium 5 pieces	1.0 x 3.0 mm
REF 360-240-00		Bone screw Titanium 5 pieces	1.0 x 4.0 mm
REF 360-250-00		Bone screw Titanium 5 pieces	1.0 x 5.0 mm
REF 360-230-00		Bone screw Titanium 2 pieces	1.2 x 3.0 mm
REF 360-260-00		Bone screw Titanium for fixing bone blocks in position, 2 pieces	1.5 x 7.0 mm
REF 360-270-00		Bone screw Titanium for fixing bone blocks in position, 2 pieces	1.5 x 9.0 mm
REF 360-280-00		Bone screw Titanium for fixing bone blocks in position, 2 pieces	1.5 x 11.0 mm
REF 360-400-00		Screwdriver handle	
REF 360-401-00		Screwdriver square tip for screw ø 1.0 mm/1.2 mm	
REF 360-402-00		Screwdriver square tip for screw ø 1.5 mm	
REF 360-405-00		Wrench for screw ø 1.0 mm/1.2 mm	
REF 360-406-00		Wrench for screw ø 1.5 mm	
REF 360-410-00		Wire cutter curved	
REF 360-500-00		Pre-Drill with depth stop	0.7 x 3.5 mm
REF 360-501-00		Pre-Drill with depth stop	1.1 x 7.0 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 387-640-00		Insertion key bar/AngleFix abutment – ratchet, incl. screw		L 16.0 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 387-670-00		Insertion key Titanmagnetics® x-Line – ratchet		L 15.0 mm
REF 387-680-00		SFI-Bar® insertion key implant adapter	35 Ncm	
REF 387-700-00		Torque ratchet with blocking function – scaled down illustration –	15 – ∞ Ncm	
REF 387-602-00		Sure-grip wheel – scaled down illustration –	∅ 18.0 mm	
REF 387-604-00		Locking key placement aid – scaled down illustration –	SW 3.6	L 79.0 mm
REF 387-415-00		Silicone o-ring 10 pieces		

Accessory ■ 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 387-742-00		Activator/deactivator Unor Ecco for inner matrix Au/Pt
REF 387-662-00		Screwdriver for inner matrix Dalbo®-Plus
REF 387-745-00		LOCATOR® instrument

■ Training implant

REF 388-037-13		Training implant M	ø 3.7 mm	L 13.0 mm
REF 388-042-13		Training implant M	ø 4.2 mm	L 13.0 mm

■ Abutment selection aid set

REF 388-400-00		Abutment selection aid set Content: · Abutment selection aid S · Abutment selection aid M · Abutment selection aid L · Testing sleeves S-M-L
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SERVICE.

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. They are divided into basic, specific and informative documents for patient advice.



Service.

Information material.

Basic user documentaion.

The basic folder (REF 989-958-20) concisely presents fact on the most important tioLogic® components and their advantage to the user. The Surgery Manual (REF 989-959-20) describes the complete process from diagnosis and implant insertion to impression taking. The Prosthetic Manual (REF 989-960-20) carries on where the Surgery Manual (REF 989-959-20) leaves off; describing various methods of prosthetic restoration through many diagrams and photos.

Specialized user information.

The reliability and SafetyPass (REF 989-963-20) describes in detail tioLogic® safety concept, presenting the idea with tangible examples and documenting the high standard of safety through extensive research results. Use the Implant Planning (REF 989-966-12) form to fill out all relevant planning details and transfer these to the dental laboratory for prosthetic planning. The Surgical Protocol (REF 989-966-02) contains all data specific to implant and insertion and surgery for each individual case. The Practice Record Card (REF 989-966-22) acts as a messenger between dental office and dental laboratory making for effective and rapid communication of all relevant implant and prosthetic data.

Documentation for personal consultancy.

This specialised communicative 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.

Patient Information.

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

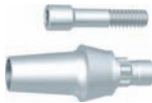
■ tioLogic® information material for user

REF 903-944-70	tioLogic® DVD (multilingual)
REF 989-767-10	Bibliography (Studies and Publications)
REF 989-958-20	Basic folder, tioLogic® implant system
REF 989-191-20	Folder, tioLogic® ADVANCED & tioLogic® ST
REF 989-623-20	Folder, tioLogic® easyClean
REF 989-608-20	Folder, tioLogic® pOosition
REF 989-959-20	Surgery Manual, tioLogic® implant system
REF 989-999-20	Surgery Manual tioLogic® pOosition
REF 989-187-12	Preparation protocol with STANDARD preparation instruments.
REF 989-187-21	Preparation protocol with ADVANCED preparation instruments.
REF 989-960-20	Prosthetics Manual tioLogic® implant system
REF 989-960-21	Prosthetics Manual tioLogic® AngleFix
REF 989-702-12	tioLogic® digital.
REF 989-965-20	Product Catalogue, tioLogic® implant system
REF 989-963-20	Safety Pass, tioLogic® implant system
REF 989-966-02	Surgical Protocol, tioLogic® implant system
REF 989-966-32	Implant Planning, tioLogic® implant system
REF 989-966-22	Practice Record Card, tioLogic® tioLogic® implant system
REF 989-187-20	tioLogic® surgical tray components, insertions procedure, starting torques (laminated)
REF 989-190-20	tioLogic® pOosition surgical tray components, insertion procedure, starting torques (laminated)
REF 989-700-93	Poster „tioLogic® Art“

■ tioLogic® information material for patients

REF 989-996-20	tioLogic® Patient information
REF 989-961-20	PatientPass tioLogic®
REF 989-312-98	tioLogic® dental implants flip-over

Service ■

■ Demonstration models				
REF 388-452-00		Demo implant ST , M	Maßstab 5:1	€ 135.–
REF 388-420-00		Demo implant M	Maßstab 5:1	€ 135.–
REF 388-422-00		Demo closure screw M	Maßstab 5:1	€ 80.–
REF 388-424-00		Demo gingiva former conical M GH 3.0 mm	Maßstab 5:1	€ 80.–
REF 388-438-00		Demo impression post with screw M, open	Maßstab 5:1	€ 135.–
REF 388-430-00		Demo laboratory implant M	Maßstab 5:1	€ 80.–
REF 388-432-00		Demo Titanium abutment M GH 2.5 mm, with AnoTite screw	Maßstab 5:1	€ 135.–
REF 388-442-00		Demo acrylic block M, equipped	Maßstab 5:1	€ 595.–
REF 388-448-00		Demo acrylic block M, equipped	Maßstab 5:1	€ 185.–
REF 388-410-00		Demo model acrylic, upper jaw, partially toothed, 4 implants, without prosthetics	Maßstab 1:1	€ 152.–

■ Practice / Laboratory

REF 989-966-32 Implant Planning

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®	Magnet
E	B	S	G	T	K	L	M

Planned implant position / Type of implant:

18	17	16	15	14	13	12	11		21	22	23	24	25	26	27	28
∅	∅	∅	∅	∅	∅	∅	∅	Implant dimensions¹	∅	∅	∅	∅	∅	∅	∅	∅
L	L	L	L	L	L	L	L		L	L	L	L	L	L	L	L
∅	∅	∅	∅	∅	∅	∅	∅	Implant dimensions¹	∅	∅	∅	∅	∅	∅	∅	∅
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	9.0 / 11.0 / 13.0 / 15.0 / 17.0 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 ∅ implants are not available in a 9.0 mm length; the 5.5 mm ∅ implants are not available in a 17.0 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 ☐

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IMPLANTS

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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	9 / 11 / 13 / 15 / 17 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 9.0 mm length; the 5.5 mm Ø implants are not available in a 17.0 mm length.

Comments:

**DENTAURUM
IMPLANTS**

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989-966-02 Printed by Dentaurum Germany 01/13/BR1

■ 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
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
								Abutment (Refer to label for description)								
								Prosthetic restoration ²								
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
								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	9.0 / 11.0 / 13.0 / 15.0 / 17.0 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 9.0 mm length; the 5.5 mm Ø implants are not available in a 17.0 mm length.

² Prosthetic restoration:

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

Material information:

Alloy: ☐ _____ Adhesive: ☐ _____ Ceramic: ☐ _____
 Solder: ☐ _____ Acrylic: ☐ _____ Tooth shade: ☐ _____


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Service ■ Treatment examples

■ Single crown, cemented, closed impression, ceramic abutment, angulate 15°

Description	Illustration	Place	Number
tioLogic® implant		Practice	1
Gingiva former		Practice	1
Impression post, closed		Practice	1
Laboratory implant		Laboratory	1
Ceramic abutment 15°		Laboratory	1

■ Single crown, cemented, open impression, ceramic abutment

Description	Illustration	Place	Number
tioLogic® implant		Practice	1
Gingiva former		Practice	1
Impression post, open		Practice	1
Laboratory implant		Laboratory	1
Ceramic abutment		Laboratory	1

■ Single crown, cemented, closed impression, Titanium abutment, angulate 20°

Description	Illustration	Place	Number
tioLogic® 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

Description	Illustration	Place	Number
tioLogic® Implantat		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, screw-retained occlusally, open impression, precious metal abutment

Description	Illustration	Place	Number
tioLogic® implant		Practice	1
Gingiva former		Practice	1
Impression post, open		Practice	1
Laboratory implant		Laboratory	1
Precious metal abutment		Laboratory	1

■ Temporary restoration, temporary Titanium cap, bar

Description	Illustration	Place	Number
tioLogic® implant		Practice	4
Bar abutment		Practice	4
Temporary Titanium cap bar		Practice	4

■ Bar restoration, Impression over bar abutment, prefabricated Titanium bar

Description	Illustration	Place	Number
tioLogic® implant		Practice	2
Bar abutment		Practice	2
Closure screw, bar		Practice	2
Impression post, bar		Laboratory	2
Laboratory implant, bar		Laboratory	2
Titanium cap, bar		Laboratory	2
Resilient bar macro rematitan®		Laboratory	1

■ Bar restoration, open impression, prefabricated Titanium bar

Description	Illustration	Place	Number
tioLogic® implant		Practice	2
Gingiva former		Practice	2
Impression post, open		Laboratory	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

Description	Illustration	Place	Number
tioLogic® 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
Resilient bar macro plastic		Laboratory	1

■ Bar restoration, open impression, Titanium caps for the adhesive technique

Description	Illustration	Place	Number
tioLogic® 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
Resilient bar macro plastic		Laboratory	1

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

Description	Illustration	Place	Number
tioLogic® 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

Description	Illustration	Place	Number
tioLogic® implant		Practice	2
Ball abutment		Practice	2
Matrix Dalbo®-Plus		Practice	2

Service ■ Treatment examples

■ Ball abutment restoration, open impression, preparation prosthesis

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

■ LOCATOR® restoration, impression over LOCATOR® abutment

Description	Illustration	Place	Number
tioLogic® implant		Practice	2
LOCATOR® abutment		Practice	2
LOCATOR® Impression cap		Practice	2
LOCATOR® laboratory implant		Laboratory	2
LOCATOR® laboratory set		Laboratory	2

■ Magnet restoration, impression over Titanmagnetics® Insert x-Line

Description	Illustration	Place	Number
tioLogic® implant		Practice	2
Steco Titanmagnetics® insert		Practice	2
Steco impression post x-Line		Practice	2
Steco Titanmagnetics® laboratory implant x-Line		Laboratory	2
Steco Titanmagnetics® dentures x-Line		Laboratory	2

■ AngleFix restoration 18°, impression over AngleFix abutment

Description	Illustration	Place	Number
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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

Description	Illustration	Place	Number
tioLogic® 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

Technical
Information.

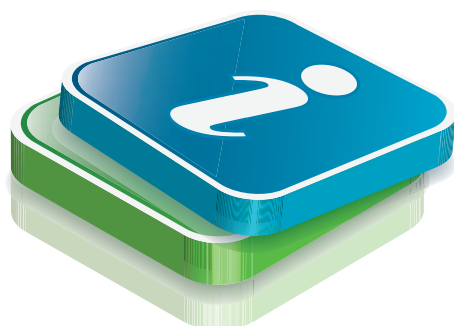


Table – Starting torques for implants.*

The torque ratchet is only intended for clinical use. Prosthetic screws should be tightened manually in the laboratory.

Implant		(depending on the bone density) max. 45 Ncm	
Closure screws implant		15 Ncm or manually	
Closure screws bar abutment		15 Ncm or manually	
Closure screws AngleFix abutment		15 Ncm or manually	
Gingiva former		15 Ncm or manually	
Adapter – ISO shank hexagon/ratchet		max. 45 Ncm	
Screw for impression post		15 Ncm or manually	
Screw for temporary abutment		15 Ncm or manually	
AnoTite prosthetic screw 9.0 mm		30 Ncm	
Bar abutment		35 Ncm	
AngleFix abutment 0° GH 1.0 mm		35 Ncm	
AnoTite screw L 6.0 mm		25 Ncm	
Ball abutment		35 Ncm	
LOCATOR® abutment		30 Ncm	
Titanmagnetics® Insert x-Line		30 Ncm	
SFI-Bar® implant adapter		35 Ncm	

* primary stable and osseointegrated

Technical Information ■ Material data

■ Zirconia dioxide

Polycrystalline tetragonal zirconium dioxides

Physical and mechanical properties	Density	6.05 g/cm ³
	Porosity, open	0 %
	Particle size	0.5 µm
	Flexural strength	1.600 MPa
	WAK	10 x 10 ⁻⁶ K ⁻¹
Chemical composition (% mass)	Y ₂ O ₃	4.5 % – 5.4 %
	HfO ₂	< 2 %
	Al ₂ O ₃	< 0.5 %
	other oxides	< 0.5 %
	ZrO ₂	Rest

■ Pure Titanium grade 4

Physical and mechanical properties (solution heat treated)	Density	4.5 g/cm ³
	0.2 % proof stress	390 MPa min
	Tensile strength	540 MPa min
	Elongation at rupture	16 % min
	Modulus of elasticity	105 GPa
Chemical composition (% mass)	O	0.4 % max.
	Fe	0.3 % max.
	C	0.1 % max.
	N	0.05 % max.
	H	0.013 % max.
	Ti	Rest

■ Titanium alloy TiAl6V4 - Titanium grade 5 (ASTM)

Physical and mechanical properties	Density	4.6 g/cm ³
	0.2 % proof stress	870 MPa
	Tensile strength	920 MPa
	Elongation at rupture	8 %
	Modulus of elasticity	115 GPa
Chemical composition (% 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	Rest

■ Precious metal alloy

Cast on precious metal alloy

Physical and mechanical properties	Density	17.5 g/cm ³
	Weight	
	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
	Liquidus temperature	1.490 °C
	Solidus temperature	1.400 °C
	E-Modul	136 GPa
	Hardness	145 (w) / 240 (a) HV5
	0.2 % proof of stress	370 (w) / 610 (a) MPa
	Elongation at rupture	18 (w) / 17 (a) %
	Tensile strength	560 (w) / 770 (a) MPa
	WAK	12.5 x 10 ⁻⁶ K ⁻¹
Chemical composition (% mass)	Au	60 %
	Pt	19 %
	Pd	20 %
	Ir	1 %

■ PEEK

Thermoplastic high-performance polymer

Physical and mechanical properties (solution heat treated)	Colour	white
	Yield strength	95 MPa
	Elongation	> 25 %
	Modulus of elasticity (flexion)	4.2 GPa
	Operating temperature	260 °C / 300 °C (continuous / temporary)
Chemical composition (% mass)	Polyetheretherketon	

■ Titanium magnets

Housing	Pure Titanium grade 4
Magnet core	Permanent magnet (Sm ₂ Co ₁₇)
Magnet core welded gastight in housing	

Quality assurance.



Quality assurance for the user and patient.

Dentaureum Implants has over 10 years experience in implantology, while its parent company Dentaureum can look back on more than 120 years experience in prosthetic dentistry. 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 Dentaureum Implants GmbH, like the parent company Dentaureum, meets the requirements of the international quality management standards.

Norm:

- 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 Dentaureum Implants 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 Dentaureum Implants 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, J.P. Winkelstroeter 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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