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otmedical®

Innovative Präzision
Made in Germany

OT-F²
Product Catalog

Notes

OT-F² IMPLANT SYSTEM

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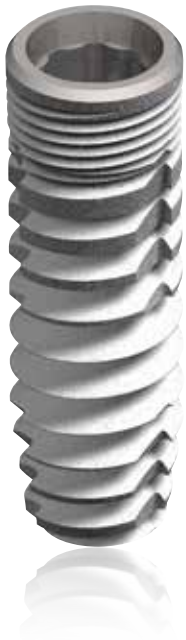


OT MEDICAL
Made in Germany

Securing quality and advancement of our products

Our products have been designed by keeping a high-grade medical treatment in mind. We stand ready and are able to maximize the treatment effectiveness and the benefit of our products based on customer needs and requirements generated through their daily surgery. The center of attention is an effective, reliable and secure treatment methodology as well as a functional and esthetic patient treatment.
We are committed to the further advancement of our products in both the medical and technical aspects. No compromise is tolerated in the security and quality.
We stand for the quality feature "Made in Germany" and rely on our highly qualified and motivated employees.

A content team is the key to success

Products based on the demands of high quality and scientific standards and satisfied customers are in focus of our daily work. In order to reach this goal, the satisfaction of our staff members is a priority. With the competence and experience, each and every co-worker contributes decisively to the overall success.

Partnership with convinced customers

We are grateful to our customers for the overall success of our efforts. We intend to inspire with our products and services, and we would like to cooperate in a partnership.

Our work is solution-oriented and focused on quality

The results achieved as well as the effectiveness of the final product should please everyone involved. The work does not only concern the fulfilment of regulations, but encompasses a continued improvement of the processes. Problems which may occur are being analyzed, evaluated and corrected. At the same time, we are trying to improve the sustainability of our environment and to support the work security and protection of everyone's health.
The basis for the manufacturing of quality, high-grade implants and their accessories is accomplished through the fulfilling of all national and international normative requirements. Moreover, we conduct regular studies, tests and analyses as part of our international research and development activities.

Your OT medical team

Photo: Justus Grosse Real Estate Company

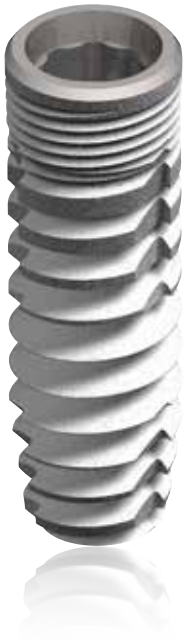
OT-F² IMPLANT SYSTEM
Internal connection

OT-F²

„FourByFour®“
internal connection

The internal connection leads to a simple, safe positioning of prosthetic components. Platform switching, cone-shaped entry and a highly precise rotation lock are outstanding features of this modern concept.

The extensive prosthetic range of the OT-F2 system is cost-effective and ensures clarity and user-friendliness.

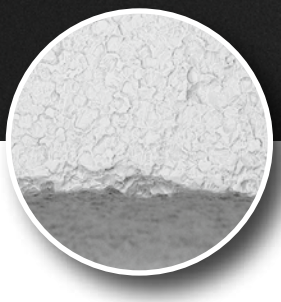


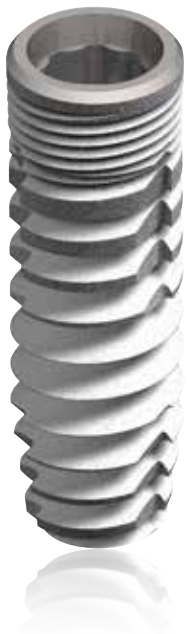
- PLATFORM SWITCHING
  better esthetics with vigorous soft tissue
  and long-term preservation of the crestal bone
- CONE-SHAPED ENTRY
  for a secure and tight implant to
  abutment connection
- HIGHLY PRECISE ROTATIONAL LOCK
  for easy and stable positioning of the prosthetic components

OT-F² SCREW IMPLANT

A strong companion in daily implantology routine

OT-F² BSE surface images
Copyright: Dr. Dirk Duddeck | dedeMED





- SELF-TAPPING MACRO THREAD
  for a reliable insertion and defined primary stability
  in connection with an optimized drill design
- CRESTAL MICRO-THREADS
  for an ideal load distribution, increased bone growth
  and more vitality
- NANOPLAST® PLUS SURFACE
  (HA-blasted and acid-treated)
  helps to ensure optimal osteoconductivity
- EASY AND TIME EFFICIENT DRILL PROCEDURE
  through the use of length congruent drills
  with optional Drill Stops

OT-F² IMPLANT SYSTEM
Implant overview

OT-F² Screw Implant

Implant design

The innovative implant design of OT-F² implant represents a new interpretation of self-tapping compression threads. The specially designed cutting notches reduce the insertion torque of the implant without affecting the high primary stability.
The crestal micro threads help to ensure the preservation of cortical bone loss. The initial high BIC (Bone-Implant-Contact) allows a safe transition from primary to secondary stability and thus excellent osseo-integration.
Platform switching, conical entry and a high-precision FourByFour® rotational lock distinguish the implant to abutment connection.

Implant surface

The micro and macro structures of the HA-blasted and acid-treated NanoPlast® Plus surface ensures optimal osteo-conductivity and thereby enables secure bone integration. The pro-gressive and scientifically tested manufacturing processes ensure a pure surface without harmful residues.

Indications

The OT-F² implant is suitable not only for insertion in completely healed jaw bone (late implantation), but also for delayed insertion (6-8 weeks after tooth extraction), as well as at corresponding preconditions for immediate implantation (directly after tooth extraction). OT-F² implants can be used in all bone qualities of the maxilla and mandible (D1-D4).

Please note the limitations of indication for use of implants with a diameter of 3.40 in the Instructions for Use.

Material: Titanium grade 4

Diameter	Length	Art. No.
3.40 mm ●	8 mm	02-1342080010
3.40 mm ●	10 mm	02-1342100010
3.40 mm ●	12 mm	02-1342120010
3.40 mm ●	14 mm	02-1342140010
3.80 mm ●	8 mm	02-1382080010
3.80 mm ●	10 mm	02-1382100010
3.80 mm ●	12 mm	02-1382120010
3.80 mm ●	14 mm	02-1382140010
4.10 mm ●	8 mm	02-1412080010
4.10 mm ●	10 mm	02-1412100010
4.10 mm ●	12 mm	02-1412120010
4.10 mm ●	14 mm	02-1412140010
5.00 mm ●	8 mm	02-1502080010
5.00 mm ●	10 mm	02-1502100010
5.00 mm ●	12 mm	02-1502120010

Note

M1.6
M1.8

The OT-F² implants ø 3.40 have inner threads of the size M1.6,
the implants ø 3.80/4.10/5.00 mm size M1.8.

● ***Accessories for implants with ø 3.40 mm and internal connection M1.6***

● ***Accessories for implants with ø 3.80 mm , ø 4.10 mm & ø 5.00 mm and internal connection M1.8***

OT-F² IMPLANT SYSTEM
Implant packing

The color coding system

The implant systems OT-F² are provided in different diameters and lengths in order to cover multiple indications. The shared color coding facilitates the access to the individual components for the implantology team.

All Surgical Drills, Trial Fit Gauges, Implant Drivers, Cover Screws, Healing Abutments and Impression Copings as well as all abutments are color coded for all diameters.

Diameter	Color code	Color markings
3.40 mm	green	
3.80 mm	red	
4.10 mm	red	
5.00 mm	red	

OT-F² IMPLANT SYSTEM
Implant packing

Packaging

The packaging and the labelling provide valuable information about the enclosed product before opening, such as: sterilization expiry date, surface type, implant length and diameter, article and lot number. The lot number assures traceability of all relevant product information and is required for any returns or warranty claims.

The packaging contains the Instructions for Use with important instructions as to how the implant should be inserted, as well as adhesive stickers which can be used in the documentation of patient records or with the implant passport.

The implant is delivered in a gamma sterile packaging which includes the appropriate Cover Screw.

The OT-F² implant is mounted onto an Implant Driver with a latch attachment within the packaging. For mechanical insertion, the latch attachment of the Implant Driver is directly fixed into the hand piece, whereas for manual insertion a corresponding Adapter is available.

- **For mechanical insertion:**
  Removal of the implant through attachment of the Implant Driver into the hand piece

- **For manual insertion**
  Removal of the implant through attachment of the Adapter (No. 02-7009006500) into the **Finger Key**

For more information refer to the Instruction for Use contained in the implant package.

OT-F² IMPLANT SYSTEM
Surgery – Surgical Tray

Features

- Precise drilling concept with congruently sized drills and Drill Stops
- Effective and self-explanatory drill protocol
- Easy positioning after use and cleaning

The OT-F² drill protocol allows a simple, safe and time-efficient procedure within the daily workflow.

The combination of conical and Final Drills constitutes an innovative drill design which assures a unique cutting geometry and efficiency. The new OT-F² Final Drills can be completed with a Drill Stop to comply with the individual implant lengths and to provide an optimum of safety for the implant surgeon.

The Surgical Tray is compact and well accessible, contains all drills and tools for insertion of the OT-F² implants from 3.40 mm to 5.00 mm diameter.

The self-explanatory graphics shows the surgical process and facilitates the correct positioning after use and cleaning. The logical positioning of instruments in the compact Surgical Tray allows intuitive handling and therefore offers easier workflow and a saving of time for user and team.

OT-F² IMPLANT SYSTEM
Surgery – Surgical Tray

OT-F² Surgical Tray - Content

	Description		Art. No.
	**OT-F² Surgical Tray**, complete		02-8009002110
	CONTENT: Surgical cassette OT-F2, empty		02-8009001110
Pilot Drill 	PD OT-F2 ø 2.0 L8 PD OT-F2 ø 2.0 L10 PD OT-F2 ø 2.0 L12 PD OT-F2 ø 2.0 L14	8 mm 10 mm 12 mm 14 mm	02-7009082100 02-7009102100 02-7009122100 02-7009142100
Final Drill 3.40 	FD OT-F2 ø 3.4 L8 FD OT-F2 ø 3.4 L10 FD OT-F2 ø 3.4 L12 FD OT-F2 ø 3.4 L14	8 mm 10 mm 12 mm 14 mm	02-7349082100 02-7349102100 02-7349122100 02-7349142100
Final Drill 3.80 	FD OT-F2 ø 3.8 L8 FD OT-F2 ø 3.8 L10 FD OT-F2 ø 3.8 L12 FD OT-F2 ø 3.8 L14	8 mm 10 mm 12 mm 14 mm	02-7389082100 02-7389102100 02-7389122100 02-7389142100
Final Drill 4.10 	FD OT-F2 ø 4.1 L8 FD OT-F2 ø 4.1 L10 FD OT-F2 ø 4.1 L12 FD OT-F2 ø 4.1 L14	8 mm 10 mm 12 mm 14 mm	02-7419082100 02-7419102100 02-7419122100 02-7419142100
Final Drill 5.00 	FD OT-F2 ø 5.0 L8 FD OT-F2 ø 5.0 L10 FD OT-F2 ø 5.0 L12	8 mm 10 mm 12 mm	02-7509082100 02-7509102100 02-7509122100

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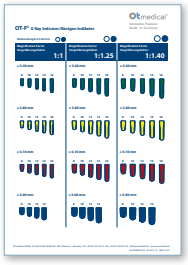
OT-F² IMPLANT SYSTEM
Surgery – Surgical Tray

OT-F² Surgical Tray - Content

	Description	Art. No.
	**Drill Stop** Set with each 1 Drill Stop for PD ø 2.00, FD ø 3.40/3.80/4.10/5.00	02-7209002400
	**Implant Driver –** With latch for contra-angle Diameter 3.40 mm ●	02-7349086000
	**Implant Driver –** With latch for contra-angle Diameter 3.80 mm, 4.10 mm, 5.00 mm ●	02-7419086000
	**Direction Indicator**	01-7009007400
	**Depth Gauge 2.0**	02-7009007140
	**Prosthetic Driver 1.30 mm Hex** with latch attachment for contra-angle	02-7179003000
	**Adapter 6.0 HEX** with latch attachment for contra-angle, Finger Key and Torque Wrenc	01-7009006500
	**X-Ray Indicator OT-F²** transparent template for placement on a panoramic radiograph for determining the implant diameter and length Magnification factor : 1:1/1:1.25/1:1.40	02-8009003100

***Manufacturer: Josef Ganter Feinmechanik, Dauchingen; Germany**

OT-F² IMPLANTATSYSTEM
Surgery – Instruments

Additional Instruments & Accessories

	Description	Art. No.
	**Torque Wrench*** Adjustable: 10 – 50 Ncm	01-7009007900
	**Finger Key 6.0 HEX** Diameter 12,7 mm	01-7009005210
	**Drill Extension***	01-7009004200

*Manufacturer: Josef Ganter Feinmechanik, Dauchingen; Germany

OT-F² IMPLANT SYSTEM
Prosthetic overview

Prosthetic Abutments

The compatibility of both systems OT-F² regarding prosthetic components contributes to a clear arrangement and user friendliness. Thus the prosthetic line is easily understandable and less cost intensive.
The system offers constructions from single tooth replacement to small and also large bridges up to an edentulous jaw reconstruction in different variations. If cemented, screw-fixed or removable by the dentist, the denture may be standard, individually custommade or highly esthetic, everything is possible.

Please see detailed information on the following pages.

All inclusive

The following prosthetic abutments CreativeLine, NaturalLine and HighLine presented on the next few pages are packed with a mounted Laboratory Screw and an additional color coded Final Screw.
The Final Screw is contained in the sealing cap of the acrylic vial. Please only use this Final Screw for the final fixation of the abutments in the patient's mouth.

Please note!
An exception to the 4plus6Line abutments is, that they are delivered already assembled with the corresponding Final Screw due to their intra-operative use.

Following symbols are mentioned next to the abutments:

Abutments with rotation lock
These prosthetic lines have a square connection, which can be placed in 8 different rotation positions in the FourByFour® connection of the implant. Due to this connection the abutments are rotation locked.

Abutments without rotation lock
These abutments have no rotation lock and are therefore not to be used for the prosthetic restoration of single crowns.

Direction of angulation
An additional arrow shows the direction of angulation of the abutment (NaturalLine)

OT-F² IMPLANTATSYSTEM
Prosthetic overview

	Prosthetic lines		Torque	Catalog	Restorations
	**CreativeLine** *Temporary abutment*	For temporary restoration and design of the emergence profile	15 Ncm	page 18	✓ **Crowns/Bridges – cement retained**
	**NaturalLine** *Gold base abutment*	For the restoration of cemented crowns and bridges	35 Ncm	page 19	✓ **Crowns/Bridges – cement retained**
	**VersaLine** *massive titanium abutment*	For the fabrication of individual abutments by means of milling, especially for the telescopic and conical crown technique	35 Ncm	page 20	✓ **Crowns/Bridges – cement retained** ✓ **Telescope-Restorations**
	**CAD/CAM** *Scanbodies*	Auxiliary tool for registration of the implant positions	hand tight	page 21	✓ **CAD/CAM**
	**HighLine** *CAD/CAM abutment*	High quality abutment with titanium base for preparation of individual hybrid abutments or hybrid crowns	35 Ncm	page 22	✓ **Crowns/Bridges – cement retained** ✓ **Telescope-Restorations** ✓ **CAD/CAM**
	**CAD/CAM** *Preform*	Massive titanium abutment for individual milled titanium abutments by CAD/CAM methods	35 Ncm	page 22	✓ **CAD/CAM**
	**TecLine** *ball head abutment*	For anchoring full dentures with O-ring or Dalbo® Plus elliptic	35 Ncm	page 23	✓ **Full Dentures**
	**4plus6 Line** *Multi Unit abutment*	For restoration of edentulous jaws with 4 or 6 implants	35 Ncm (25 Ncm*; Cylinder)	page 24/25	✓ **Bridges – screw retained** ✓ **Bar-Restorations** ✓ **CAD/CAM**
	**LOCATOR®** *Locator® abutment*	For anchorage of complete prostheses with original LOCATOR® retention elements (Manufacturer: Zest Anchors; USA)	35 Ncm	page 26	✓ **Full Dentures**
	**Titanmagnetics®** *Magnetic abutment*	For anchorage of complete prostheses with original counter-magnets (Manufacturer/Distributor: Steco; Hamburg)	35 Ncm	page 28	✓ **Full Dentures**

*25 Ncm concerns Cylinder with temporary treatment/ immediat loading of Multi Unit abutment

OT-F² IMPLANT SYSTEM
Impression and master cast

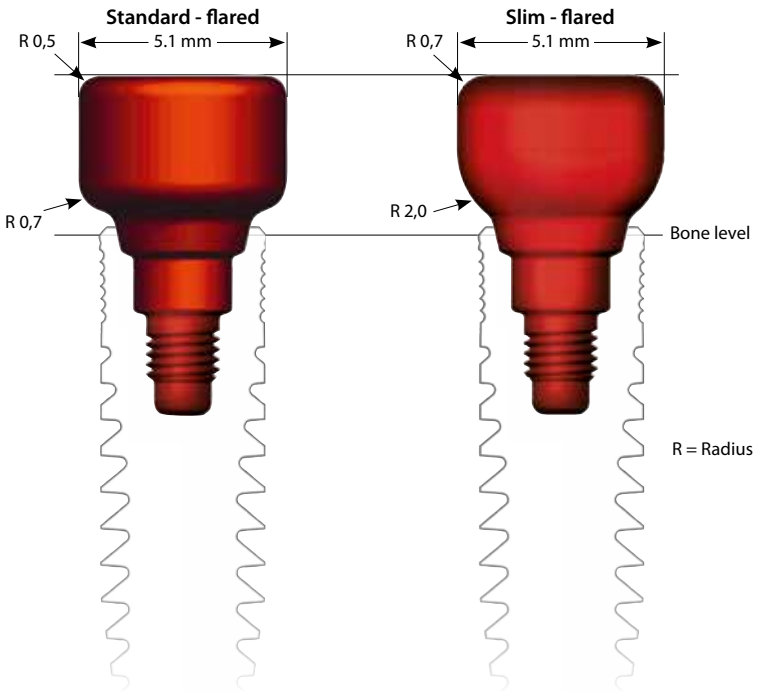
Healing Abutment

Approx. 2 weeks prior to the final healing time, the implant sites can be reentered, the Cover Screws removed and replaced by Healing Abutments. The height of the Healing Abutments should be selected to protrude over the surrounding gingival tissue.

Material: Titanium grade 5
Torque: 15 Ncm

Standard - flared	Slim- flared	Diameter		Gingiva height	Art. No.
		Standard	3.40 mm	GH 2.00 mm	02-2349022610
		Standard	3.40 mm	GH 4.00 mm	02-2349042610
		Schlank	3.40 mm	GH 6.00 mm	02-2349062611
		Standard	3.80 mm, 4.10 mm, 5.00	GH 2.00 mm	02-2419022610
		Standard	3.80 mm, 4.10 mm, 5.00	GH 4.00 mm	02-2419042610
		Schlank	3.80 mm, 4.10 mm, 5.00	GH 6.00 mm	02-2419062611

Example Ø 4.10 mm, GH 4.0 mm



OT-F² IMPLANT SYSTEM
Impression and master cast

Impression Coping

Both impression methods – the open and the closed – are used approx. 2 weeks after reentry. For impression taking, the Healing Abutment is removed from the implant and the Impression Coping is placed with the FourByFour®-connection into the implant and fixed with the corresponding Screw (1.30 mm hex).

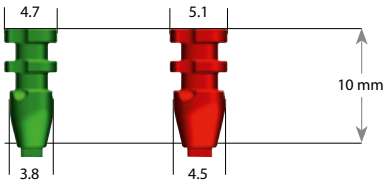
For the Impression Coping "Closed Tray" acrylic Transfer Copings are included and should be used for the clear and precise placement in the impression material (one way only).

Furthermore, as a rule, we recommend using an individual impression tray.

Material: Titanium grade 5
Torque: 10 Ncm

Open Tray

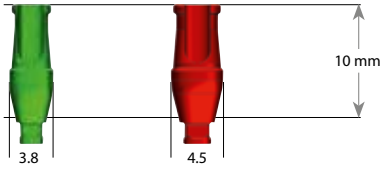
Incl. Screw



Diameter	Art. No.
3.40 mm	02-6349003110
3.80 mm, 4.10 mm, 5.00 mm	02-6419003110

Closed Tray

Incl. Screw and Transfer Coping



Diameter	Art. No.
3.40 mm	02-6349002010
3.80 mm, 4.10 mm, 5.00 mm	02-6419002010

Transfer Coping

Diameter		Art. No.
3.40 mm	pack of 5	02-6349004000
3.80 mm, 4.10 mm, 5.00 mm	pack of 5	02-6419004000

OT-F² IMPLANT SYSTEM
Impression and master cast

Implant Analog

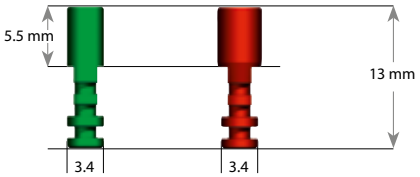
For setting up of the master model the Implant Analog and the Impression Coping have to be screwed together. With effected Open Tray Impression the color coded Implant Analog is affixed to the Impression Coping within the impression.

Through the perforation of the impression tray the Impression Coping Screw will be screwed onto the Implant Analog by the use of the Prosthetic Driver 1.3 mm Hex.

When a Closed Tray Impression has been taken, the color coded Implant Analog is screwed onto the Impression Coping separately from the impression tray.

As next step, the Implant Analog is placed back into the color coded Transfer Coping. We recommend to manufacture a removable gingiva mask to control the passive fit of the prosthetic superstructure.

Material: Titanium grade 5



	Diameter	Art. No.
	3.40 mm	02-6349001000
	3.80 mm, 4.10 mm, 5.00 mm	02-6419001000

3D Implant Analog (incl. screw)

Diameter	Art. No.
3.40 mm	02-6349001500
3.80 mm, 4.10 mm, 5.00 mm	02-6419001500

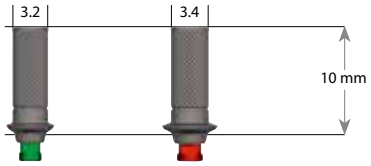
CreativeLine (Temporary Abutment)

The CreativeLine titanium abutment is used for the preparation of temporary crowns or also for bridge restorations.
The engaged abutment (FourByFour®) is secured onto the implant with the abutment screw. The rounded (engrailed) abutment shaft is then covered with opaque. The thin, funnel type form places the user in the position to provide a natural emergence profile through the coated tooth-colored plastic material.

Ideally the temporary abutment should be placed immediately following implant exposure, at the site of the ready-made non-engaged titanium healing abutment. With the appropriate abutment form, it is also possible to secure a temporary crown to the site.

Material: Titanium grade 5
Torque: 15 Ncm

Incl. Final and Laboratory Screw



Diameter	Art. No.
3.40 mm	02-2349005510
3.80 mm, 4.10 mm, 5.00 mm	02-2419005510

NaturalLine (Titanium Abutment)

The special feature of this abutment is a subgingival shape. This extends in a circular convex fashion, starting from the implant shoulder and ending in a wave-like, circular hollow groove which begins from the oral side swinging down to the esthetic side.

With the **lower versions** (GH 1.2) the maximum contour is reached soon above the emergence of the implant.

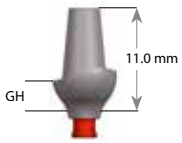
With the **higher versions** (GH 3.5) the abutment starts concave circular from the implant and then forms a convex shape supporting the surrounding gingival tissues.

Material: Titanium grade 5
Torque: 35 Ncm

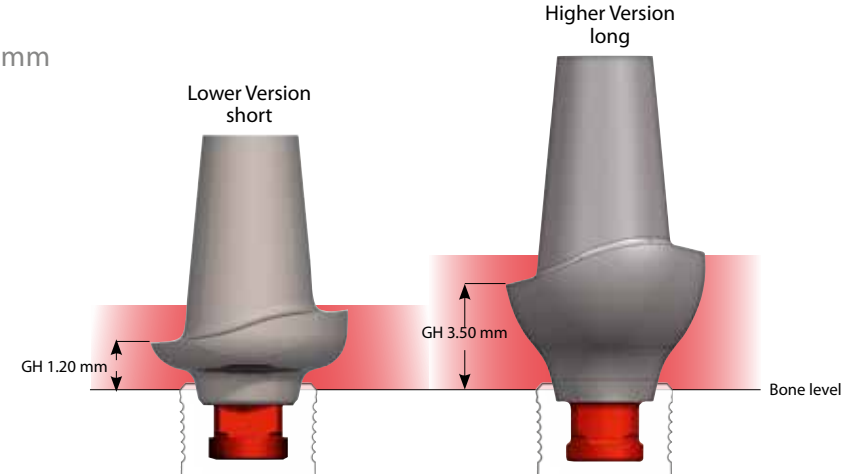
Lower Version - GH 1.2 - short

Incl. Final and Laboratory Screw	Diameter		Gingiva height	Art. No.
	3.40 mm 3.80 mm, 4.10 mm, 5.00 mm	0° 0°	GH 1.20 mm GH 1.20 mm	02-3349012510 02-3419012510
	3.40 mm 3.80 mm, 4.10 mm, 5.00 mm	15° 15°	GH 1.20 mm GH 1.20 mm	02-3349012110 02-3419012110
	3.40 mm 3.80 mm, 4.10 mm	25° 25°	GH 1.20 mm GH 1.20 mm	02-3349012310 02-3419012310

Higher Version - GH 3.5 - long

	3.40 mm 3.80 mm, 4.10 mm, 5.00 mm	0° 0°	GH 3.50 mm GH 3.50 mm	02-3349042510 02-3419042510
	3.80 mm, 4.10 mm, 5.00 mm 3.80 mm, 4.10 mm, 5.00 mm	15° 25°	GH 3.50 mm GH 3.50 mm	02-3419032110 02-3419032310

Example Ø 4.10 mm



VersaLine (Titanium Abutment)

The VersaLine abutments offer multiple solutions for an individual preparation of

- Primary parts in the telescope and conical crown technique
- Abutments for the crown and bridge technique

The VersaLine abutment allows precise modifications to prepare angulations between 0 and nearly 25° and also the preparation of circular shoulders copying the natural contour of the gingival tissues. It is also possible to veneer the abutment directly with a suitable titanium ceramics.
We recommend the use of suitable titanium trephines for preparation of this abutment.

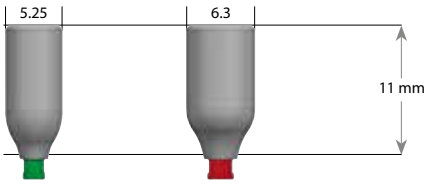
Important:
Please avoid the use of implants with a diameter of 3.40 mm for a restoration with telescope or conical crowns.

The VersaLine abutment is available in two different variations:

- **7.50 mm height**
  For small gingival height. Maximum emergence profile immediately above the implant shoulder.
  We recommend the use of a standard Healing Abutment flared, prior to insertion of the final abutment.

- **11.00 mm height**
  For thick gingival height. The design of the subgingival slim shape directly below the emergence into the oral cavity favors an optimal emergence profile.
  We recommend the use of a Healing Abutment "Slim" (flared) prior to insertion of the final abutment.

Material: Titanium grade 5
Torque: 35 Ncm

Incl. Final and Laboratory Screw	Diameter	Height	Art. No.
	3.40 mm 3.40 mm	7.50 mm 11.00 mm	02-3349753510 02-3349123510
	3.80 mm, 4.10 mm, 5.00 mm 3.80 mm, 4.10 mm, 5.00 mm	7.50 mm 11.00 mm	02-3419753510 02-3419123510

Note

When selecting the Healing Abutment, the user should be sure to have a corresponding shape congruence if he chooses the VersaLine final abutment.

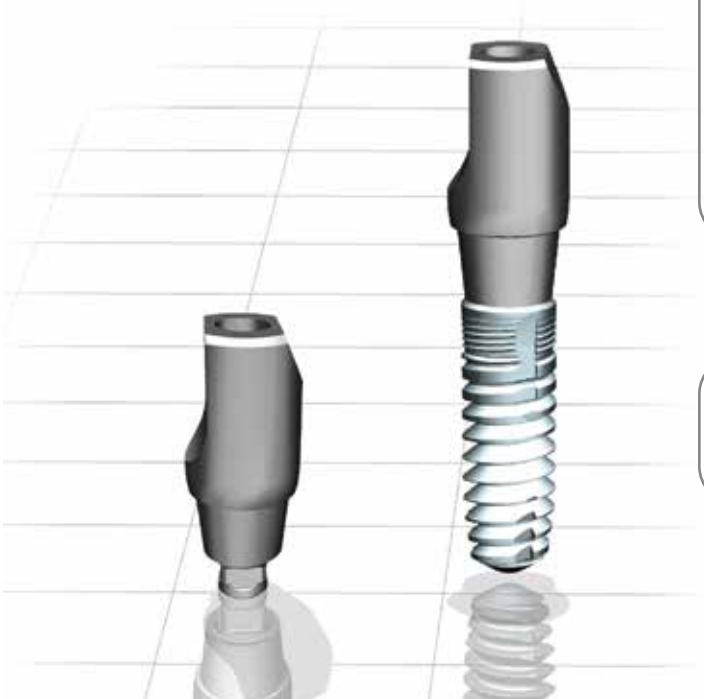
CAD/CAM Scanbodies

The scan body serves as an auxiliary tool for registration of the implant positions in the patients' mouth or of the implant analogs in the master model.

By scanning, this position is transferred precisely to the virtual 3D model, which is a prerequisite for the individual construction and manufacturing of milled onepiece or hybrid abutments as well as various bar constructions by CAD/CAM technique.

Material: Titanium grade 5
Torque: hand tight

Incl. color-coded Screw	Diameter	Art. No.
●	3.40 mm	02-6349006000
●	3.80 mm, 4.10 mm, 5.00 mm	02-6419006000



CAD/CAM SCANBODIES
- with FourByFour® Interface

- ✓ Reflection free surface
- ✓ Laser marking
- ✓ Suitable for laboratory- and intra-oral scanners
- ✓ Supplied with Abutment screw secured by internal threads

Note

More information can be found in the download area of www.ot-medical.de

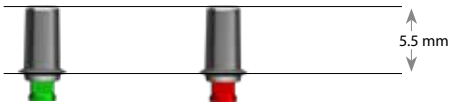
OT-F² IMPLANT SYSTEM
Prosthetic Components

HighLine (CAD/CAM Abutment)

The HighLine abutment serves as base for the manufacture of individual zirconium abutments. The CAD/CAM as well as the copy milling procedure can be implemented with this abutment in an optimal way.

The connection with the implant is guaranteed through a highly precise titanium base. The Abutment Screw transfers the forces during final fixation to the titanium base, and not onto the zirconium part of the individualized abutment.

Material: Titanium grade 5 (Base)
Torque: 35 Ncm

Incl. Final and Laboratory Screw	Diameter	Height Titanium base	Art. No.
HighLine Titanium base 3.0 mm			
	3.40 mm	3.0 mm	02-5349002210
	3.80 mm, 4.10 mm, 5.00 mm	3.0 mm	02-5419002210
HighLine Titanium base 5.5 mm			
	3.40 mm	5.5 mm	02-5349002310
	3.80 mm, 4.10 mm, 5.00 mm	5.5 mm	02-5419002310

CAD/CAM Preforms

With CAD/CAM preforms any anatomically and prosthetically required shape may be realized by CAD/CAM technology in order to produce an individualized titanium abutment.
The virtual construction (CAD) of the abutment allows the individual design of the requested emergence profile, the profile of the circular shoulder as well as the desired dimension and angulation.

The individual patient-related titanium abutment is manufactured computer added by a milling maching (CAM) from the massive CAD/CAM preform. The pre-fabricated and highly precise FourBy-Four® connection guarantees a safe implant-abutment-interface.

Material: Titanium grade 5
Torque: 35 Ncm

CAD/CAM Preforms „M“ (Compatible with Medentika)

Incl. Laboratory and Final Screw	Impl. Diameter	Diameter	Art. No.
	3.40 mm	11.5 mm	02-5349005010
	3.80 mm, 4.10 mm, 5.00 mm	11.5 mm	02-5419005010

Note

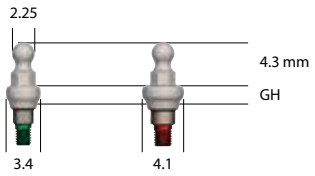
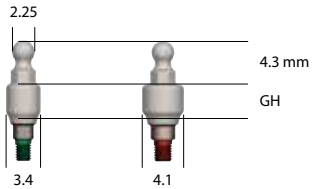
More information can be found in the download area of www.ot-medical.de

TecLine (Ball Head Abutment)

The TecLine Abutment serves for anchorage of implant-supported full dentures. For anchoring, the user can choose between the O-Ring attachment and Retention Anchor Dalbo® Plus elliptic.
At the O-Ring attachment at first a red O-ring is inserted into a titanium metal housing. This one remains in the housing during the laboratory processing, and is replaced by the second red O-ring for final insertion of the denture.

The Retention Anchor Dalbo® Plus elliptic consists of two parts: a titanium housing with retention wings for fixation in the denture, and therein a Lamellae Retention Insert screw-in, made of precious metal, for which the forces can be individually adjusted by using an Activator Key (200-1200g). Dalbo®-Plus elliptic can be used for up to 20° divergency of the implant.

Material Housing: Titanium grade 5
Torque: 35 Ncm

	Diameter	Gingiva height	Art. No.
	3.40 mm	2.00 mm	02-4349021010
	3.40 mm	4.00 mm	02-4349041010
	3.80 mm, 4.10 mm, 5.00 mm	2.00 mm	02-4419021010
	3.80 mm, 4.10 mm, 5.00 mm	4.00 mm	02-4419041010

TecLine Accessories

	Description		Art. No.
	O-Ring Housing, complete incl. O-Rings		01-4009001600
	O-Ring Housing	single	01-4009001100
	O-Ring black (higher retention)	pack of 4	01-4009001904
	O-Ring red	pack of 4	01-4009001204
	**Retention Anchor „Dalbo® Plus elliptic"***		01-4009001400
	Lamellae Retention Insert*	single	01-4009001700
	**Activator Key*** for Retention Anchor Dalbo® Plus elliptic		01-4009001800
	**Implant Analog** for Ball Head Abutment		04-6009001300
	**Driver Octagon SW6.0** Connection for Torque Wrench and Finger Key		01-7259106020

OT-F² IMPLANT SYSTEM
Prosthetic Components

4plus6Line (Multi Unit Abutment)

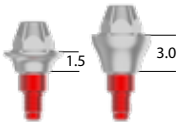
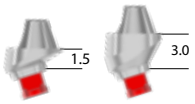
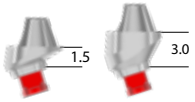
The abutments of the 4plus6Line offer the opportunity to provide an implant solution with a fixed prosthesis using only 4 implants in an edentulous mandible or 6 implants in an edentulous maxilla.
The angulated insertion of the posterior implants allows the use of longer implants, whereas the local bone is optimally utilized.

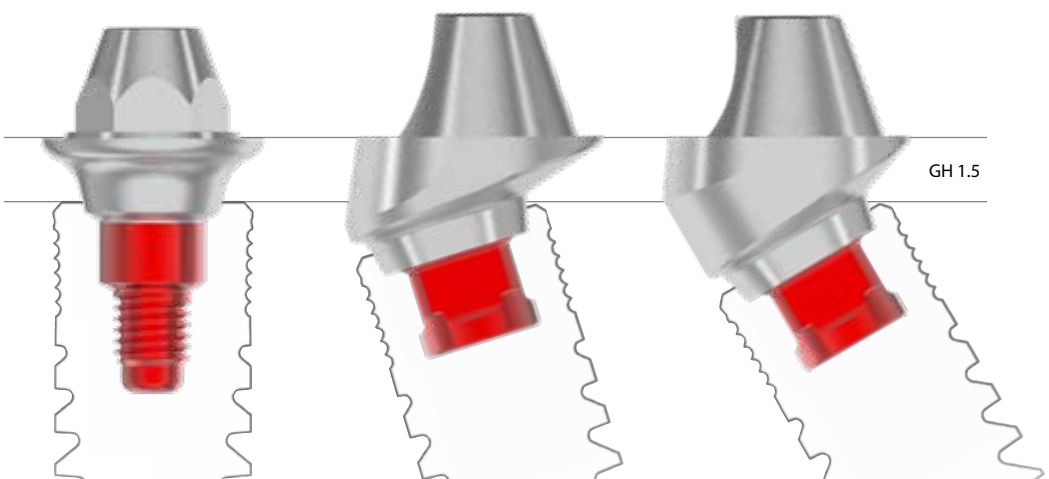
For the user, components for the 4plus6Line are available in a straight 0 ° version as well as in the angulated versions with 17° and 30°, each available in the gingival heights of 1.50 and 3.00 mm.

NOTE:

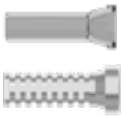
For intra-operative use, the below listed components are supplied in a sterile packaging and are delivered with a pre-mounted Final Screw.

Material: Titanium grade 5
Torque: 35 Ncm

4plus6Line	Diameter	Angulation	Gingiva height	Art. No.
 	● ø 3.80, ø 4.10 & ø 5.00 ● ø 3.80, ø 4.10 & ø 5.00	0° 0°	GH 1.50 mm GH 3.00 mm	02-4419014510 02-4419034510
 	● ø 3.80, ø 4.10 & ø 5.00 ● ø 3.80, ø 4.10 & ø 5.00	17° 17°	GH 1.50 mm GH 3.00 mm	02-4419014110 02-4419034110
 	● ø 3.80, ø 4.10 & ø 5.00 ● ø 3.80, ø 4.10 & ø 5.00	30° 30°	GH 1.50 mm GH 3.00 mm	02-4419014310 02-4419034310



Additional prosthetic components

	Article	Art. No.
	**4plus6Line Healing Abutment** Material: Metal incl. Final Screw M1.4 for 4plus6Line	02-4009004110
	**4plus6Line Impression Coping** Incl. Final Screw M1.4 for 4plus6Line	02-4009004210
	**4plus6Line Implant Analog**	02-4009004310
	**3D Implant Analog**	02-4009004610
	**4plus6Line Cylinder PMMA**, burnout **4plus6Line Cylinder Titanium** incl. Final Screw M1.4 Torque 25 Ncm	02-4009004410 02-4009004510
	**4plus6Line Prosthetic driver 0°**	02-7309104010

4plus6Line Scanbody

	**4plus6Line Scanbody** Incl. Scan Screw M1.4 for 4plus6Line, Length 5.2 mm	02-6009001500

LOCATOR®

The Locator® Abutment is an attachment with a self-aligning function. This feature makes it easier for patients in the seating of their denture and eliminates additional wear from improper seating. With the Locator's vertical height at a minimum, it is ideal where interocclusal space is limited. This abutment can also be used to compensate up to 40° divergency between two implants.

Material: Titanium with TiN coating
Torque: 35 Ncm

Diameter	Gingiva height	Art. No.
3.40 mm	GH 1.00 mm	02-4349013010
3.40 mm	GH 2.00 mm	02-4349023010
3.40 mm	GH 3.00 mm	02-4349033010
3.8 mm, 4.10 mm, 5.00 mm	GH 1.00 mm	02-4419013010
3.8 mm, 4.10 mm, 5.00 mm	GH 2.00 mm	02-4419023010
3.8 mm, 4.10 mm, 5.00 mm	GH 3.00 mm	02-4419033010
3.8 mm, 4.10 mm, 5.00 mm	GH 4.00 mm	02-4419043010

LOCATOR® Accessories

Despription		Art. No.
Locator® Male Processing Package Dual Retentive, Use in cases of 0° to 10° divergence 1 pack includes: 1 Denture Cap incl. Black Processing Male, 1 Replacement Male blue, pink, transparent, 1 Spacer white	pack of 2	02-4009004300 *8519-2*
Locator® Male Processing Package for dual Retentive (0° to 10° divergence)	pack of 10	02-4009003200 *8519-10*

Locator® Male Processing Package* Extended Range, Use in cases of 10° to 20° divergence 1 pack includes: 1 Denture Cap incl. Black Processing Male, 1 Replacement Male red, orange, green, 1 Spacer white	pack of 2	02-4009005100 *8540*

All LOCATOR® Abutments and LOCATOR® Accessories; Manufacturer „Zest Anchors Inc.; USA"

OT-F² IMPLANT SYSTEM
Prosthetic Components

LOCATOR® Accessories	Despription				Art. No.
Material: Nylon	**Locator® Replacement Males** Dual Retentive, Use in cases of 0° to 10° divergence)				
	blue	removal force approx.	680 g	pack of 4	*8529* / 02-4009003400
	pink	removal force approx.	1.360 g	pack of 4	*8527* / 02-4009003300
	transparent	removal force approx.	2.270 g	pack of 4	*8524* / 02-4009004400
	LOCATOR® Replacement Males Extended Range, Use in cases of 10° to 20° divergence*				
	grey	no retention		pack of 4	*8558* / 02-4009004700
	red	removal force approx.	450 g	pack of 4	*8548* / 02-4009003600
	orange	removal force approx.	907 g	pack of 4	*8915* / 02-4009004500
	green	removal force approx.	1.810 g	pack of 4	*8547* / 02-4009003500
	**LOCATOR® Processing Replacement Male** black			pack of 4	*8515* / 02-4009003100
	**LOCATOR® Denture Cap Male** with processing plug-in part			pack of 4	*8510* / 02-4009005300
	**LOCATOR® Impression Coping** Material: Aluminium			pack of 4	*8505* / 02-4009003800
	**LOCATOR® Implant Analog** Material: Aluminum Diameter 4.00 mm			pack of 4	*8530* / 02-4009003900
	**LOCATOR® Core Tool**				*8393* / 02-4009004100
	**LOCATOR® Prosthetic Driver 6.4 HEX**				*8317* / 02-4009004200

* Do not use these male parts for implants of 3.30 mm diameter!

OT-F² IMPLANT SYSTEM
Prosthetic Components

Other Prosthetic components

Titanmagnetics from Steco

Especially elderly patients with manual or motoric restrictions profit from the easy insertion and removal of magnetically retained prostheses. Titanmagnetics are self-aligning and easy to clean.

Distributed by:
steco-system-technik GmbH & Co. KG
Kollaustr. 6, 2529 Hamburg, Germany
Phone +49 40 - 55 77 81-0

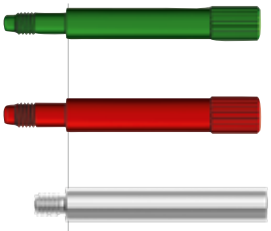
Durchmesser	Gingivahöhe	Art-Nr.
3.40 mm	X-Line 3.25 mm	I.56.03.X325
3.40 mm	K-Line 2.50 mm	I.56.03.K250
3.80 mm & 4.10 mm	X-Line 3.25 mm	I.56.01.X325
3.80 mm & 4.10 mm	K-Line 2.50 mm	I.56.01.K250

OT-F² IMPLANT SYSTEM
Prosthetic Components

Cover Screw

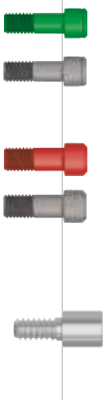
Material: Titanium grade 5	Diameter	Art. No.
	3.40 mm	02-2349001000
	3.8 mm, 4.10 mm, 5.00 mm	02-2419001000

Prosthetic Screw



Impression Coping Screw

M1.6, 18 mm (open) for ø 3.40		02-8349194100
M1.8, 18 mm (open) for ø 3.80, ø 4.10, ø 5.00		02-8419194100
4plus6Line Impression Coping Screw		02-8149194000



Abutment Screws

Final Screw	M1.6, Length 6 mm for ø 3.40	02-8349104000
Laboratory Screw	M1.6, Length 6 mm	02-8169104000
Final Screw	M1.8, Length 6 mm for ø 3.80, ø 4.10, ø 5.00	02-8419104000
Laboratory Screw	M1.8, Length 6 mm	02-8189104000
4plus6Line Impression Coping Screw M1.4		02-8149054000

Note

M1.6 M1.8

The OT-F² implants ø 3.40 have inner threads of the size M1.6, the implants ø 3.80/4.10/ 5.00 mm size M1.8. Please remember this difference during use or reorder of the components.

Laboratory Screw **Final Screw**

The Final Screws are color coded for differentiation. Please only use this Final Screw for the final fixation of the abutments in the patient's mouth.

Innovative Präzision
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