

# otmedical®

Innovative Präzision  
Made in Germany



OT-F<sup>1</sup>  
Product Catalog

# 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

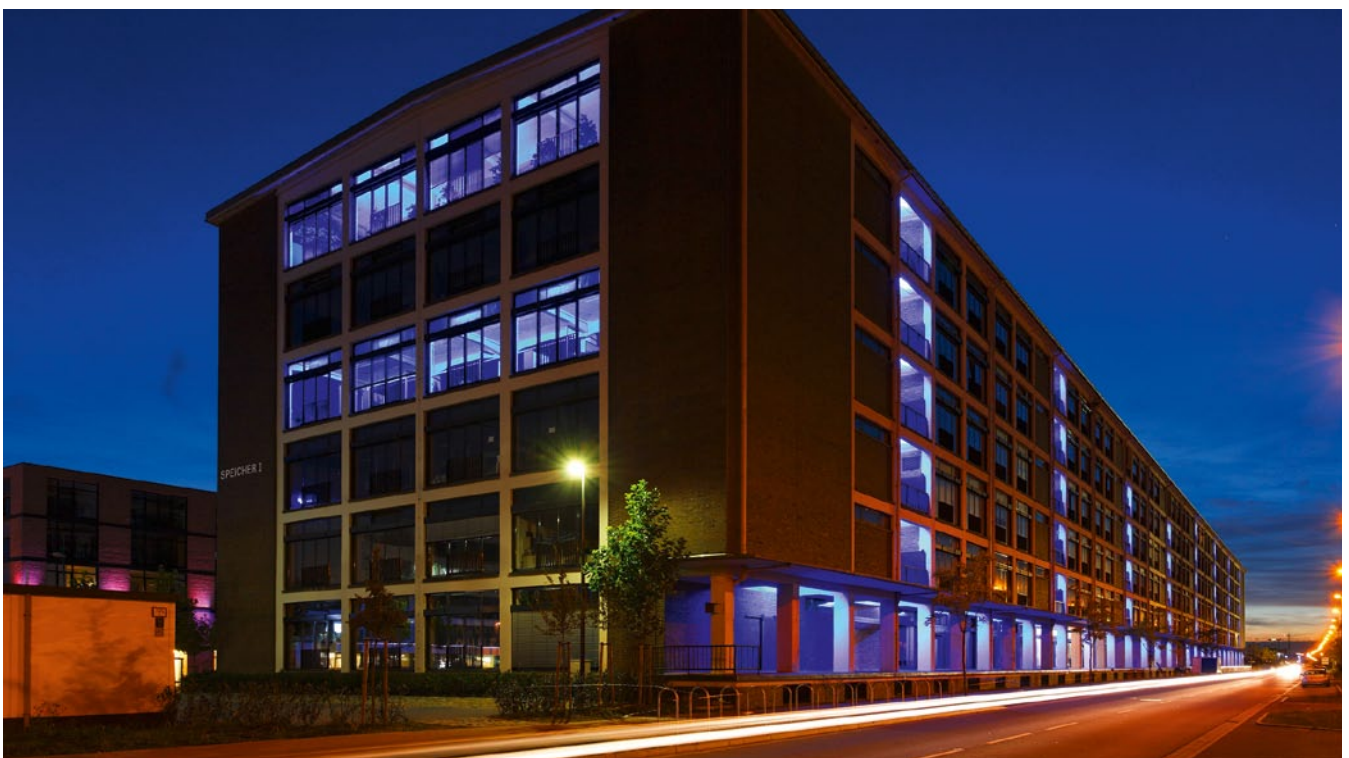
We are grateful to our customers for the overall success of our efforts. We intend to inspire with our products and services, and we would like to cooperate in a partnership.

### 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



# OT-F<sup>1</sup> IMPLANT SYSTEM

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# OT-F<sup>1</sup> IMPLANT SYSTEM

## System presentation

### OT-F<sup>1</sup> SCREW IMPLANT

The proven system with long-term success

OT-F<sup>1</sup> BSE surface images  
Copyright: Dr. Dirk Duddeck | dedeMED



- SELF-TAPPING, CYLINDRICAL SCREW IMPLANT  
for insertion at bone level
- HIGH PRIMARY STABILITY  
through use of apically tapered compression threads  
on the implant body
- TWO IMPLANT SURFACES  
TPS- and NanoPlast® surface guarantee  
a safe osseointegration
- DEEP, INTERNAL HEXAGON CONNECTION  
for easy, safe and stable positioning of the prosthetic components



# OT-F<sup>1</sup> IMPLANT SYSTEM

## Implant overview




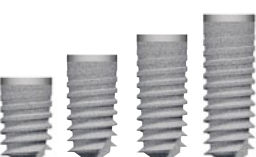
### OT-F<sup>1</sup> Implants

The OT-F<sup>1</sup> implant is provided in four different diameters in order to cover multiple indications. **The implants are delivered with a cover screw.** This cover screw is sterile packaged, opposite the implant, in the squared sealing cap of the short acrylic vial chamber. The cover screw can be unscrewed from the squared sealing cap by using the Prosthetic Driver 1.7 mm Hex and placed directly onto the inserted implant. Cover Screws can be ordered separately if required.

**Please note the restrictions for indication for implant with a diameter of 3.30 mm in the instructions for use.**

Please mention on your order form which implant surface you are requesting.

**Material:** Titanium grade 4

Delivery with cover screw	Diameter	Length	TPS surface Article No.	NanoPlast® surface Article No.
	3.30 mm	8 mm	01-1331080000	01-1332080000
	3.30 mm	10 mm	01-1331100000	01-1332100000
	3.30 mm	12 mm	01-1331120000	01-1332120000
	3.30 mm	14 mm	01-1331140000	01-1332140000
	3.30 mm	16 mm	01-1331160000	01-1332160000
	3.80 mm	8 mm	01-1381080000	01-1382080000
	3.80 mm	10 mm	01-1381100000	01-1382100000
	3.80 mm	12 mm	01-1381120000	01-1382120000
	3.80 mm	14 mm	01-1381140000	01-1382140000
	3.80 mm	16 mm	01-1381160000	01-1382160000
	4.10 mm	8 mm	01-1411080000	01-1412080000
	4.10 mm	10 mm	01-1411100000	01-1412100000
	4.10 mm	12 mm	01-1411120000	01-1412120000
	4.10 mm	14 mm	01-1411140000	01-1412140000
	4.10 mm	16 mm	01-1411160000	01-1412160000
	4.90 mm	8 mm	01-1491080000	01-1492080000
	4.90 mm	10 mm	01-1491100000	01-1492100000
	4.90 mm	12 mm	01-1491120000	01-1492120000
	4.90 mm	14 mm	01-1491140000	01-1492140000

### Implant Cover Screw

**Material:** Titanium grade 4

	Article No.
 for Diameter 3.30 mm	01-2339001000
 for Diameter 3.80 mm	01-2389001000
 for Diameter 4.10 mm	01-2419001000
 for Diameter 4.90 mm	01-2499001000

# OT-F<sup>1</sup> IMPLANT SYSTEM

## Implant packing





### The Color Coding System

The color coding facilitates the access to the individual components for the implantology team. You will find the color coding on all packages of implants as well as prosthetic components, surgical Final Drills, Cortical Drills, Cover Screws and Healing Abutments for all diameters. Titanium abutments are color coded in yellow (ø 3.80) and blue (ø 4.90).

### Important Product Information

The packaging and the labelling provide valuable information to the enclosed product before opening, such as: sterilization expiry date, surface type, implant length and diameter, article and lot number. The lot number is the basis for traceability of relevant product information and is essential in the preparation of returns or warranty claims.

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

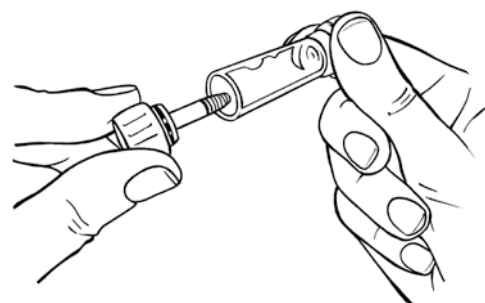
Diameter	Color code	Color markings
3.30 mm	green	
3.80 mm	yellow	
4.10 mm	red	
4.90 mm	blue	

### For safer insertion

The implant is delivered in a gamma sterile packaging that includes the appropriate cover screw. Following the opening of the blister packaging, the implant and cover screw are found in separate sterile compartments, which remain sterile until the time for their use. This is due to an acrylic, doubled chambered vial sealed with a color coded sealing cap on each end (see color coding). These sealing caps provide for the appropriate selection of both the implant and the cover screw.

When the acrylic vial has been removed from the blister packaging, it may be placed on the work station or table, as the acrylic vial will not roll due to the form of the sealing cap. For insertion of the implant, please remove the implant from the acrylic vial with the aid of the sealing cap.

The implant needs not to be detached from the sealing cap, as it can be used to place the implant directly into the prepared site with 2 to a maximum of 4 turns. The advantage: no implant contamination through the use of additional instruments.



### GENERAL SAFETY AND WARNING INFORMATION





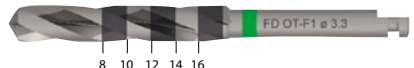
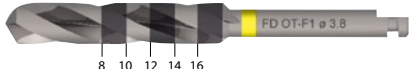

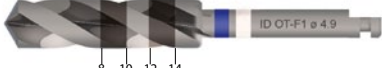
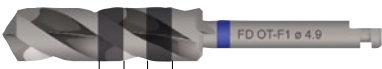
The descriptions in this product catalogue are sufficient for an immediate application of the implant system. The instruction of an experienced surgeon in the handling of the implant system is recommended.

# OT-F<sup>1</sup> IMPLANT SYSTEM

## Surgery – Surgical Tray

SURGERY

### OT-F<sup>1</sup> Surgical Tray - Content






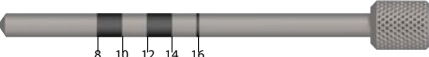

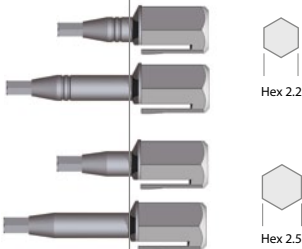


	Description	Article No.
	<b>Surgical Tray</b> , complete The Surgical Tray contains all components required for the insertion of OT-F <sup>1</sup> implants. <i>For further information, please read the „OT-F<sup>1</sup> – Surgical tray instructions“.</i>	01-8009002100
	<b>CONTENT:</b>  Surgical cassette OT-F <sup>1</sup> , empty	01-8009001100
	<b>Pilot Drill 1 ø 1.6</b> Description: PD ø 1.6 For perforation of the cortical bone	01-7009001100
	<b>Pilot Drill 2 ø 2.0</b> Description: PD ø 2.0 Laser marking: 8/10/12/14/16 mm	01-7009001200
	<b>Interspace Drill ø 3.0</b> Description: ID ø 3.0 For guided expansion of the preparation from 2.0 to 3.0 mm	01-7009001300
	<b>Final Drill 3.30</b> ● Description: FD OT-F1 ø 3.3 (Diameter 3.00 mm)	01-7339002100
	<b>Final Drill 3.80</b> ● Description: FD OT-F1 ø 3.8 (Diameter 3.45 mm)	01-7389002100
	<b>Final Drill 4.10</b> ● Description: FD OT-F1 ø 4.1 (Diameter 3.75 mm)	01-7419002100
	<b>Interspace Drill</b> ● for 4.90 mm Description: ID OT-F1 ø 4.9 (Diameter 4.10 mm)	01-7499001400
	<b>Final Drill 4.90</b> ● Description: FD OT-F1 ø 4.9 (Diameter 4.50 mm)	01-7499002100

– continuation page 8 –

# OT-F<sup>1</sup> IMPLANT SYSTEM

## Surgery – Surgical Tray

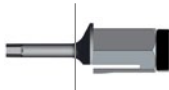
### OT-F<sup>1</sup> Surgical Tray - Content

	Description	Article No.
	<b>Cortical Drill 3.30</b> ● Description: CD OT-F1 ø 3.3 (Diameter 3.20 mm)	01-7339002200
	<b>Cortical Drill 3.80</b> ● Description: CD OT-F1 ø 3.8 (Diameter 3.65 mm)	01-7389002200
	<b>Cortical Drill 4.10</b> ● Description: CD OT-F1 ø 4.1 (Diameter 3.90 mm)	01-7419002200
	<b>Cortical Drill 4.90</b> ● Description: CD OT-F1 ø 4.9 (Diameter 4.70 mm)	01-7499002200
	<b>Direction Indicator</b> , 6 pieces ø 2.00/3.00 mm	01-7009007400
	<b>Depth Gauge 2.0</b> For osteotomy depth control Laser markings for 8/10/12/14/16 mm	01-7009007130
	<b>Drill Extension*</b>	01-7009004200
	<b>Implant Driver „Hex“</b>	
	for ø 3.30/3.80      Length 12 mm	01-7229125010
	for ø 3.30/3.80      Length 20 mm	01-7229205010
	for ø 4.10/4.90      Length 12 mm	01-7259125010
	for ø 4.10/4.90      Length 20 mm	01-7259205010
	<b>Finger Key ø 20.0 mm</b> With marking for easier hex adjustment of the implant	01-7009005200
	<b>Finger Key ø 10.0 mm</b>	01-7009005100
	<b>X-Ray indicator</b> 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	01-8009003100

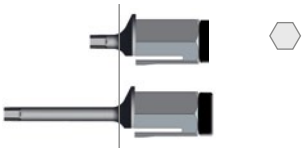

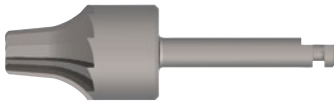




## Surgery – Instruments & Accessories

### OT-F<sup>1</sup> Surgical Tray - Content

	Description	Article No.
	<b>Prosthetic Driver 1.70 mm Hex</b> Connection for Torque Wrench and Finger Key medium                      Length 12 mm	01-7179126010

### Additional Instruments & Accessories

	<b>Prosthetic Driver 1.70 mm Hex</b> Connection for Torque Wrench and Finger Key short      Length 6 mm long      Length 18 mm	01-7179066010 01-7179186010
	<b>Prosthetic Driver 1.70 mm Hex</b> Latch for contra-angle	01-7179003000
	<b>Bone Trephine</b> For removal of the periost tissue, smoothing and adjusting of the alveolar crest	01-7009004100
	<b>Osteometer**</b> For pre-surgical manual measurement of the alveolar crest anatomy	01-7009007200
	<b>Torque Wrench*</b> Adjustable: 10/15/20/25/30 Ncm/∞	01-7009007600
<b>Accessories:</b> <b>Surgical Tray, replacement filter, set of 100 pcs</b>		01-8009001101

# OT-F<sup>1</sup> IMPLANT SYSTEM

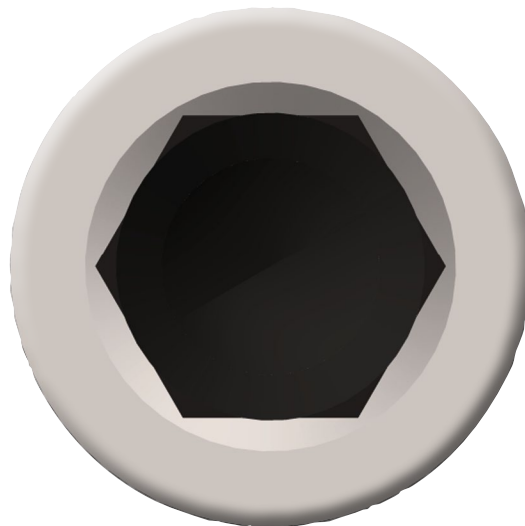
## Prosthetic overview

### Prosthetic Abutments

The prosthetic variations of the OT-F<sup>1</sup> implant system feature versatility, but also a simplicity at the same time.

The prosthetic superstructures are connected by a deep, internal hexagon connection, and an M2 abutment screw firmly mounted onto the implant.

The system offers constructions from single tooth replacement to small and also large bridges up to an edentulous jaw reconstruction in different variations. Whether cemented, screw-fixed or removable by the dentist, the denture may be standard, individually custom-made or highly esthetic, everything is possible.



### *All inclusive*

The abutments VersaLine, HighLine and CeraLine are delivered with an additional laboratory screw (groove marking at the shaft).

The color-coded definitive screw is used for final fixation of the abutment in the mouth of the patient with 35 Ncm.











Please see detailed information on the following pages.



# OT-F<sup>1</sup> IMPLANT SYSTEM

## Indications overview

### PROSTHETICS

Prosthetic line			Torque	Catalog	Restorations
	<b>CreativeLine</b> <i>Temporary abutment</i>	For temporary restoration and design of the emergence profile	15 Ncm	page 14	✓ Crowns/Bridges – cement retained
	<b>VersaLine</b> <i>Massive titanium abutment</i>	For preparation of individual abutments by trimming, especially for telescope and cone crown technique	35 Ncm	page 14	✓ Crowns/Bridges – cement retained ✓ Bar- and Telescope-Restorations
	<b>NaturalLine</b> <i>Anatomical titanium abutment</i>	For high quality restoration of cemented crowns and bridges	35 Ncm	page 15	✓ Crowns/Bridges – cement retained
	<b>BasicLine</b> <i>Standard titanium abutment</i>	For simple restoration of cemented crowns or bridges	35 Ncm	page 16	✓ Crowns/Bridges – cement retained
	<b>GoldLine</b> <i>Gold base abutment (cast-on)</i>	Cast-on Abutment for preparation individual abutments in precious metal alloys	35 Ncm	page 17	✓ Crowns/Bridges – cement retained ✓ Crowns/Bridges – screw retained ✓ Bar- and Telescope-Restorations
	<b>HighLine</b> <i>CAD/CAM abutment</i>	High quality abutment with titanium base for preparation of individual hybrid abutments or hybrid crowns	35 Ncm	page 18	✓ Crowns/Bridges – cement retained ✓ Telescope-Restorations
	<b>ProfiLine</b> <i>Bar abutment (two-part)</i>	Abutment for compensation of divergence for preparation of confectioned and individual bar constructions	35 Ncm	page 19	✓ Bridges – screw retained ✓ Bar-Restorations
	<b>LOCATOR®</b> <i>Locator® abutment</i>	For anchorage of complete prostheses with original LOCATOR® retention elements (Manufacturer: Zest Anchors; USA)	35 Ncm	page 20	✓ Full Dentures
	<b>TecLine</b> <i>Ball head</i>	For anchorage of complete prostheses with O-Ring or Dalbo® Plus elliptic attachments	35 Ncm	page 22	✓ Full Dentures
	<b>Titanmagnetics®</b> <i>Magnet abutment</i>	For anchorage of complete prostheses with original counter-magnets (Manufacturer/Distributor: Steco; Hamburg)	35 Ncm	page 23	✓ Full Dentures

# OT-F<sup>1</sup> IMPLANT SYSTEM

## Impression and master cast

### Healing Abutment

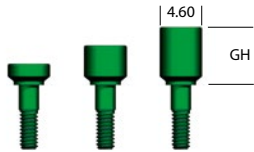
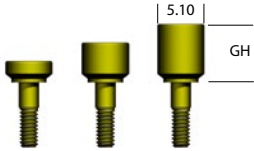
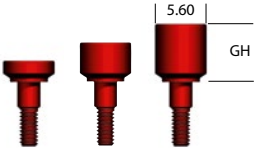
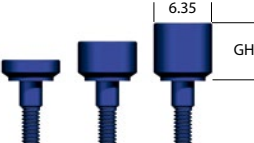
Approximately 2 weeks prior to the final healing time, the implant sites can be reentered, the Cover Screws removed and replaced by Healing Abutments. The height of the Healing Abutments should be selected according to the surrounding gingival thickness. The conical Healing Abutment is used primarily for a later restoration with the TecLine or ProfiLine.

If a transgingival healing is planned, the corresponding Healing Abutment is screwed directly onto the implant after insertion of the implant, instead of the Cover Screw.

**Material:** Titanium grade 4

**Torque:** 15 Ncm

### Cylindrical

	Diameter		Gingiva height	Article No.
	3.30 mm	● cylindrical	GH 2.00 mm	01-2339022600
	3.30 mm	● cylindrical	GH 4.00 mm	01-2339042600
	3.30 mm	● cylindrical	GH 6.00 mm	01-2339062600
	3.80 mm	● cylindrical	GH 2.00 mm	01-2389022600
	3.80 mm	● cylindrical	GH 4.00 mm	01-2389042600
	3.80 mm	● cylindrical	GH 6.00 mm	01-2389062600
	4.10 mm	● cylindrical	GH 2.00 mm	01-2419022600
	4.10 mm	● cylindrical	GH 4.00 mm	01-2419042600
	4.10 mm	● cylindrical	GH 6.00 mm	01-2419062600
	4.90 mm	● cylindrical	GH 2.00 mm	01-2499022600
	4.90 mm	● cylindrical	GH 4.00 mm	01-2499042600
	4.90 mm	● cylindrical	GH 6.00 mm	01-2499062600

### Conical

	Diameter		Gingiva height	Article No.
	3.30 mm	● conical	GH 4.00 mm	01-2339042700
	3.80 mm	● conical	GH 4.00 mm	01-2389042700
	4.10 mm	● conical	GH 4.00 mm	01-2419042700
	4.90 mm	● conical	GH 4.00 mm	01-2499042700

# OT-F<sup>1</sup> IMPLANT SYSTEM

## Impression and master cast

PROSTHETICS

### Impression Copings

Both impression methods – the open and the closed – are used approximately 2 weeks after reentry. For impression taking, the Healing Abutment is removed from the implant and the Impression Coping Screw is placed with the hex into the implant and fixed with the Abutment Screw.

As a rule, we recommend the use of an individual impression tray.

**Material:** Titanium grade 4

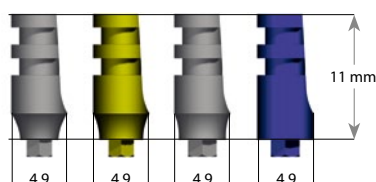
**Torque:** 10 Ncm

### Open Tray

Incl. Screw

**Diameter**

**Article No.**



3.30 mm ●  
3.80 mm ●  
4.10 mm ●  
4.90 mm ●

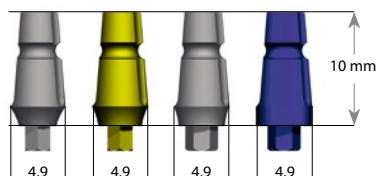
01-6339003000  
01-6389003000  
01-6419003000  
01-6499003000

### Closed Tray

Incl. Screw

**Diameter**

**Article No.**



3.30 mm ●  
3.80 mm ●  
4.10 mm ●  
4.90 mm ●

01-6339002000  
01-6389002000  
01-6419002000  
01-6499002000

### Implant Analog

**Diameter**

**Article No.**



3.30 mm ●  
3.80 mm ●  
4.10 mm ●  
4.90 mm ●

01-6339001000  
01-6389001000  
01-6419001000  
01-6499001000



# OT-F<sup>1</sup> IMPLANT SYSTEM

## Prosthetic Components

### CreativeLine (Temporary Abutment)

The CreativeLine titanium abutment is used for the preparation of temporary crowns or also for bridge restorations.

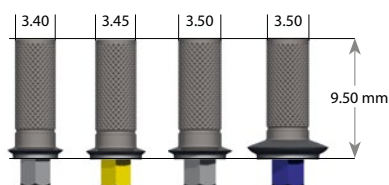
The rounded (engrailed) abutment shaft is then covered with opaque. The thin, funnel type form places the user in the position to provide a natural emergence profile through the coated tooth-colored plastic material. Ideally the temporary abutment

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. Screw



**Diameter**

**Article No.**

3.30 mm	●	01-2339005500
3.80 mm	●	01-2389005500
4.10 mm	●	01-2419005500
4.90 mm	●	01-2499005500

### VersaLine (Titanium Abutment)

The titanium abutment of the VersaLine is used preferably for the primary part in the telescope- or conical crown-technique. It is possible to fabricate abutments for the crown and bridge technique. VersaLine Abutments can be used if for instance the NaturalLine Abutment is not suitable for a special indication. It is possible to prepare individual angulations between 0° and nearly 25° or to prepare circular shoulders which adjust to the natural contour of the gingiva.

Furthermore, it is possible to veneer the abutment directly with an adequate titanium ceramics after special modification.

We recommend to use titanium milling instruments for the preparation of this abutment.

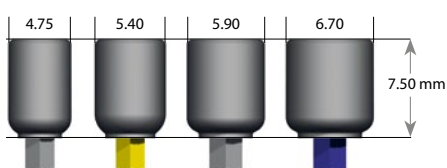
**IMPORTANT:**

**Do not use implants with a diameter of 3.30 mm for the restoration of telescope or conical crowns!**

**Material:** Titanium grade 4

**Torque:** 35 Ncm

Incl. Final and Laboratory Screw



**Diameter**

**Height**

**Article No.**

3.30 mm	●	7.50 mm	01-3339753500
3.80 mm	●	7.50 mm	01-3389753500
4.10 mm	●	7.50 mm	01-3419753500
4.90 mm	●	7.50 mm	01-3499753500

# OT-F<sup>1</sup> IMPLANT SYSTEM

## Prosthetic Components

PROSTHETICS

### NaturalLine (Titanium Abutment)

The important feature of this Titanium Abutment is the sub-gingival design. It extends in a circular convex fashion, starting from the implant shoulder and ending in a wave-like, circular hollow groove, beginning from the oral side swinging down to the esthetic side.

The primary massive contour allows the user to reduce the abutment by using suitable tools (titanium drill, polisher) and to design an optimal emergence profile.

Furthermore, an exact transition of the crown to be prepared is possible by the circular shoulder. The contour of the shoulder should be adjusted to the contour of the gingival tissue.

Different abutment variations are available:

- The straight 0° abutments in socket heights of 1.20 and 2.00 mm
- The angulated abutments of 15° and 25° as well as in the versions "A" and "B".

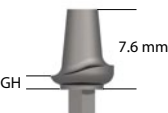




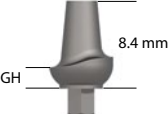




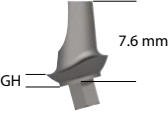




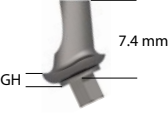




In addition, the abutments have a feature protecting the Abutment Screw against falling away during the processing phase thanks to an internal thread system.

**Material:** Titanium grade 4

**Torque:** 35 Ncm



**Note:**  
Version B is marked by  
a notch at the hexagon.

Incl. Screw	Diameter			Gingiva height	Article No. Version A	Article No. Version B
	3.30 mm		0°	GH 1.2 mm	01-3339012500	
	3.80 mm		0°	GH 1.2 mm	01-3389012500	
	4.10 mm		0°	GH 1.2 mm	01-3419012500	
	4.90 mm		0°	GH 1.2 mm	01-3499012500	
	3.30 mm		0°	GH 2.0 mm	01-3339032500	
	3.80 mm		0°	GH 2.0 mm	01-3389032500	
	4.10 mm		0°	GH 2.0 mm	01-3419032500	
	4.90 mm		0°	GH 2.0 mm	01-3499032500	
	3.30 mm		15°	GH 1.2 mm	01-3339012100	01-3339012200
	3.80 mm		15°	GH 1.2 mm	01-3389012100	01-3389012200
	4.10 mm		15°	GH 1.2 mm	01-3419012100	01-3419012200
	4.90 mm		15°	GH 1.2 mm	01-3499012100	01-3499012200
	3.30 mm		25°	GH 1.2 mm	01-3339012300	01-3339012400
	3.80 mm		25°	GH 1.2 mm	01-3389012300	01-3389012400
	4.10 mm		25°	GH 1.2 mm	01-3419012300	01-3419012400
	4.90 mm		25°	GH 1.2 mm	01-3499012300	01-3499012400

# OT-F<sup>1</sup> IMPLANT SYSTEM

## Prosthetic Components

### BasicLine (Titanium Abutment)

The BasicLine abutment is an anti-rotational, standard abutment for cemented crown and bridge restorations. For planned dentist-removable constructions, individual horizontal screws can be applied. Contrary to the NaturalLine, the BasicLine does not have a circular shoulder, but ends in the cervical area tangentially. The abutment is available in two gingival heights in the straight 0° and the angulated 15° version.

The 15° and 25° abutment variations are designed in such a way that the angulation is above the flat site of the hex connection (version "A").

**Material:** Titanium grade 4

**Torque:** 35 Ncm



Incl. Screw	Diameter			Gingiva height	Article No.
	3.30 mm		0°	GH 1.0 mm	01-3339011500
	3.80 mm		0°	GH 1.0 mm	01-3389011500
	4.10 mm		0°	GH 1.0 mm	01-3419011500
	4.90 mm		0°	GH 1.0 mm	01-3499011500
	3.30 mm		0°	GH 3.0 mm	01-3339031500
	3.80 mm		0°	GH 3.0 mm	01-3389031500
	4.10 mm		0°	GH 3.0 mm	01-3419031500
	4.90 mm		0°	GH 3.0 mm	01-3499031500
	3.30 mm		15°	GH 1.0 mm	01-3339011100
	3.80 mm		15°	GH 1.0 mm	01-3389011100
	4.10 mm		15°	GH 1.0 mm	01-3419011100
	4.90 mm		15°	GH 1.0 mm	01-3499011100
	3.30 mm		15°	GH 3.0 mm	01-3339031100
	3.80 mm		15°	GH 3.0 mm	01-3389031100
	4.10 mm		15°	GH 3.0 mm	01-3419031100
	4.90 mm		15°	GH 3.0 mm	01-3499031100
	3.30 mm		25°	GH 1.0 mm	01-3339011300
	3.80 mm		25°	GH 1.0 mm	01-3389011300
	4.10 mm		25°	GH 1.0 mm	01-3419011300
	4.90 mm		25°	GH 1.0 mm	01-3499011300

# OT-F<sup>1</sup> IMPLANT SYSTEM

## Prosthetic Components

PROSTHETICS

### GoldLine (Goldbase Abutment)

The GoldLine-Abutment covers a large indication range.

- Individual abutments for fixed crown and bridge restorations
- Individual primary parts in the telescope- and conical crown-technique.

The basis of the abutment consists of a precisely constructed, cast-on gold-platinum alloy and shows a perfect fit to the implant. The funnel, fixed onto the base, is made of burn-out acrylic.

#### Preparation:

The desired abutment shape is modeled onto the acrylic section, and the abutment is invested. In standard processing procedures, a precious metal alloy is casted onto the existing precious metal base.

#### IMPORTANT:

**Do not use implants with a diameter of 3.30 mm for the restoration of telescope or conical crowns!**

#### Processing indications:

Melting interval: 1400 – 1490°C (2500-2710°F)

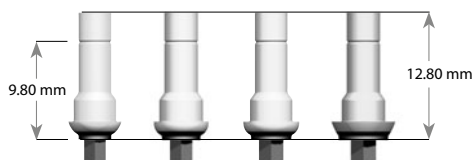
Cast-on temperature: to 1350°C (2462°F)

When removing, the precious metal base should be carefully cleaned with polishing blast pearls at a pressure of approx. 1.5 bar.

**Material:** Gold/platinum alloy (Base), Acrylic/POM (Funnel)

**Torque:** 35 Ncm

Incl. Screw



Diameter		PM-Weight	Article No.
3.30 mm	●	0.42 g	01-5339001000
3.80 mm	●	0.56 g	01-5389001000
4.10 mm	●	0.65 g	01-5419001000
4.90 mm	●	0.71 g	01-5499001000

# OT-F<sup>1</sup> 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.

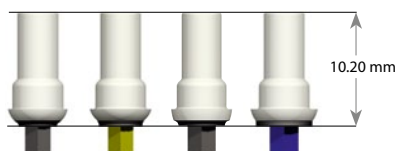
The mounted engaging acrylic funnel is used as a wax-up base for processing.

The additionally available Scan Screw represents the final screw channel during the scan process.

**Material:** Titanium grade 5 (Base), Acrylic (Funnel)

**Torque:** 35 Ncm

Incl. Final and Laboratory Screw



**Diameter**

**Article No.**

3.30 mm	01-5339002000
3.80 mm	01-5389002000
4.10 mm	01-5419002000
4.90 mm	01-5499002000

**Scan Screw M2.0**

01-5009002100



# OT-F<sup>1</sup> IMPLANT SYSTEM

## Prosthetic Components

PROSTHETICS


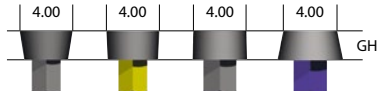
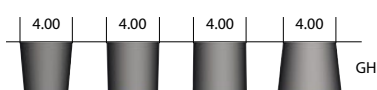
### ProfiLine (Bar Abutment)

The ProfiLine abutment consists of two parts, and serves in preparing prefabricated, as well as individually milled bar constructions. First step is the selection of the Adapter according to the required diameter, and according to the gingival height measured. This adapter with the hex connection serves to fix the abutment within the implant. Second step is the selection of the bar connection. The Bar Connector is selected according to the processing planned (direct casting, cast-on, soldering, laser welding, bonding), i.e. of acrylic, titanium or precious metal.

A parallel adjustment of diverging implants is possible up to 40° by the conical connection of the Adapter and Bar Connector. The required Abutment Screw is delivered with the Adapter. The bar is fixed by the screw, directly through the adapter, with the implant.

**Material:** Titanium grade 4

**Torque:** 35 Ncm

			Article No.
			Bar Connector (Acrylic/POM) 01-4009002100 Bar Connector (Titanium) 01-4009002200 Bar Connector (Precious metal) 01-4009002300
Incl. Screw		<b>Adapter</b> ø 3.30 mm ø 3.80 mm ø 4.10 mm ø 4.90 mm	<b>Gingiva height</b> GH 2.0 mm GH 2.0 mm GH 2.0 mm GH 2.0 mm
Incl. Screw		ø 3.30 mm ø 3.80 mm ø 4.10 mm ø 4.90 mm	GH 4.0 mm GH 4.0 mm GH 4.0 mm GH 4.0 mm

*Please note when processing:*

#### Bar Connector acrylic/POM

of burn-out acrylic. This element is enclosed in the complete individual bar modelling and casted.

#### Bar Connector titanium (grade 4)

Serves for adhesion or also for laser welding with the individual casted titanium bar. Prefabricated titanium bars can be welded directly to the titanium element.

#### Bar Connector precious metal

Prefabricated bars can be soldered directly. Individually prepared bars can be casted on directly. We recommend, however, to invest the bar modelling separately from the precious metal elements for casting. The user is able to solder the parts, or to weld them or use adhesives.

#### Note:

- Please observe to keep an absolutely tension-free fit for all bar constructions (passive fit; Sheffield test) in the mouth of the patient.
- Bilateral extensions of the bar beyond the posterior implants may be useful for static reasons. These should not, however, extend over a length of max. 5 mm (premolar width). Please consider the number of implants inserted for such extensions.
- If only two implants are placed, the bar shape (round bar; drop-shaped) should permit a slight rotation of the anchored prosthetic construction parallel to the jaw articulation axis.
- An off-central loading of the implants by an unfavorable bar connection is to be avoided.
- Please observe basically to design a suitable dimension of the bar construction.
- When using an adhesive, please follow the instructions of the manufacturer of the adhesive.

# OT-F<sup>1</sup> IMPLANT SYSTEM





## Prosthetic Components

### LOCATOR® for OT-F<sup>1</sup>-Implant system



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 moderate up to 40° between two implants.

**Material:** Titanium Alloy with TiN coating  
**Torque:** 35 Ncm

	Diameter	Gingiva height	Article No.
	3.30 mm ●	GH 1.0 mm	01-4339013010
	3.30 mm ●	GH 2.0 mm	01-4339023010
	3.30 mm ●	GH 3.0 mm	01-4339033010
	3.80 mm ●	GH 1.0 mm	01-4389013010
	3.80 mm ●	GH 2.0 mm	01-4389023010
	3.80 mm ●	GH 3.0 mm	01-4389033010
	3.80 mm ●	GH 4.0 mm	01-4389043010
	4.10 mm ●	GH 1.0 mm	01-4419013010
	4.10 mm ●	GH 2.0 mm	01-4419023010
	4.10 mm ●	GH 3.0 mm	01-4419033010
	4.10 mm ●	GH 4.0 mm	01-4419043010
	4.90 mm ●	GH 2.0 mm	01-4499023010
	4.90 mm ●	GH 3.0 mm	01-4499033010
	4.90 mm ●	GH 4.0 mm	01-4499043010

### LOCATOR® Accessories










	Desription		Article No.
	<b>Locator® Male Processing Package</b> 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
	<b>Locator® Male Processing Package</b> for dual Retentive (0° to 10° divergence)	pack of 10	02-4009003200 8519-10
	<b>Locator® Male Processing Package*</b> 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

# OT-F<sup>1</sup> IMPLANT SYSTEM

## Prosthetic Components

PROSTHETICS

### LOCATOR® Accessories

	Desription	Article No.
<b>Material: Nylon</b>		
<b>Locator® Replacement Males</b>		
Dual Retentive, Use in cases of 0° to 10° divergence		
	blue removal force approx. 680 g	pack of 4 8547/02-4009003400
	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
<b>LOCATOR® Replacement Males, pack of 4</b>		
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 8524/02-4009003600
	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
	<b>LOCATOR® Processing Replacement Male</b> black	pack of 4 8515/02-4009003100
	<b>LOCATOR® Denture Cap Male</b>	pack of 4 8510/02-4009005300
	<b>LOCATOR® Parallel Post</b>	pack of 4 8517/02-4009003700
	<b>LOCATOR® Impression Coping</b> Material: Aluminum	pack of 4 8505/02-4009003800
	<b>LOCATOR® Implant Analog</b> Material: Aluminum Diameter 4.00 mm	pack of 4 8530/02-4009003900
	<b>LOCATOR® Angle Measurement Guide</b>	9530/02-4009004000
	<b>LOCATOR® Core Tool</b>	8393/02-4009004100
	<b>LOCATOR® Torque Wrench Driver</b>	8317/02-4009004200

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

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

# OT-F<sup>1</sup> IMPLANT SYSTEM

## Prosthetic Components

### TecLine (Ball Head Abutment)

The TecLine Abutment is used for anchorage of implant-supported full dentures. This abutment is screwed onto the implant with the octagon key. For anchoring, the user can choose between the **O-Ring attachment** and **Retention Anchor Dalbo® Plus elliptic\***.

**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.

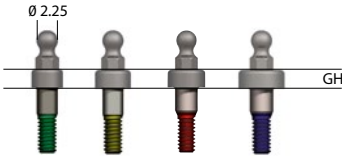
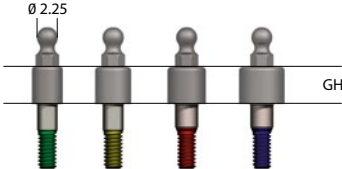
A black O-Ring is available in case of higher retention is needed.

#### Retention Anchor Dalbo® Plus elliptic\*

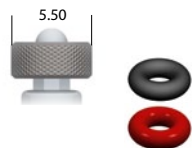





This retention anchor consists of two parts: a titanium housing with retention wings for fixation in the denture, and therein a Lamellae Retention Insert screw-in, made of precious metal, for which the forces can be individually adjusted by using an Activator Key. Dalbo®-Plus elliptic\* can be used for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

**Material:** Titanium grade 4

**Torque:** 35 Ncm

	Diameter	Gingiva height	Article No.
	3.30 mm	GH 2.0 mm	01-4339021000
	3.80 mm	GH 2.0 mm	01-4389021000
	4.10 mm	GH 2.0 mm	01-4419021000
	4.90 mm	GH 2.0 mm	01-4499021000
	3.30 mm	GH 4.0 mm	01-4339041000
	3.80 mm	GH 4.0 mm	01-4389041000
	4.10 mm	GH 4.0 mm	01-4419041000
	4.90 mm	GH 4.0 mm	01-4499041000

### Accessories

	Description	Article 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
	<b>Retention Anchor Dalbo® Plus elliptic*</b>	01-4009001400
	<b>Lamellae Retention Insert (Ellitor®)*</b>	single 01-4009001700
	<b>Activator Key*</b> for Retention Anchor Dalbo® Plus elliptic	01-4009001800
	<b>Implant Analog</b> for Ball Head Abutment	04-6009001300
	<b>TecLine Casting template</b> (castable acrylic)	01-4009001500
	<b>Driver Octagon</b> Connection for Torque Wrench and Finger Key	01-7259106010

# OT-F<sup>1</sup> IMPLANT SYSTEM

## Prosthetic Components






PROSTHETICS

### Prosthetic screws



**Material:** Titanium grade 5

**Length**

**Article No.**

	<b>Impression Coping Screw</b>	
	Final Screw 16 mm, closed Final Screw 22 mm, open	01-8209164000 01-8209194000
	<b>Abutment Screw</b> <b>for all Abutments (<i>except BasicLine and ProfiLine</i>)</b>	
	Final Screw 10 mm Laboratory Screw 10 mm	01-8209104000 01-8209104100
	<b>Abutment Screw for BasicLine</b> Final Screw 11 mm	01-8209114000
	<b>Abutment Screw for ProfiLine</b> Final Screw 14 mm (for Adapter GH 2.0 mm) Final Screw 16 mm (for Adapter GH 4.0 mm)	01-8209024000 01-8209044000
	<b>Scan Screw M2.0 for HighLine</b>	01-5009002100

### Other Prosthetic components

Titanmagnetics from Steco	Diameter	Gingiva height	Article No.
<p>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.</p>  <p>Ø 4.8    Ø 5.2    Ø 5.8 X-Line    K-Line    Z-Line</p>	3.30 mm ●	X-Line 3.50 mm	I.16.01.X350
	3.30 mm ●	X-Line 5.00 mm	I.16.01.X500
	3.30 mm ●	X-Line 6.50 mm	I.16.01.X650
	3.30 mm ●	K-Line 2.25 mm	I.16.01.K225
	3.80 mm ●	X-Line 3.50 mm	I.16.02.X350
	3.80 mm ●	X-Line 5.00 mm	I.16.02.X500
	3.80 mm ●	X-Line 6.50 mm	I.16.02.X650
	3.80 mm ●	K-Line 2.25 mm	I.16.02.K225
	4.10 mm ●	X-Line 3.50 mm	I.16.03.X350
	4.10 mm ●	X-Line 5.00 mm	I.16.03.X500
	4.10 mm ●	X-Line 6.50 mm	I.16.03.X650
	4.10 mm ●	K-Line 2.25 mm	I.16.03.K225
	4.90 mm ●	Z-Line 3.25 mm	I.16.04.Z325
<p><b>Distributed by:</b>   steco-system-technik GmbH &amp; Co. KG  Kollaustraße 6, 2529 Hamburg, Germany  Phone +49 40 - 55 77 81-0</p>			





Innovative Präzision  
Made in Germany

**OT medical GmbH**

Konsul-Smidt-Straße 8b  
28217 Bremen, Germany

Tel. + 49 421 557161-0

Fax + 49 421 557161-95

[info@ot-medical.de](mailto:info@ot-medical.de)

[www.ot-medical.de](http://www.ot-medical.de)