

ConeCept



RatioPlant

About us...



Our extensive experience in the field of human implantology and our expertise in the development, manufacture and testing of implants and instrument combinations guarantees the high functional use of all HumanTech products. In conjunction with the growing need to increase the quality of human life and the dynamic changes in the market, under increasing price and margin pressure, cost-orientated manufacture and distribution will assume more and more importance.

HumanTech is a corporate group that is wholeheartedly committed to the use and manufacture of implants and instruments in the medical field and that develops and tirelessly seeks improved solutions. We, as the manufacturer, eliminate unnecessary distribution costs by obtaining and distributing HumanTech products directly:

From development, to the finished product, right through to customer service – everything from a single source!

We manufacture, package and dispatch RatioPlant® dental implants directly to our customers in line with current directives. The diversity of the RatioPlant® implant product line offers a wide range of clinical solutions, such as reconstructions of single teeth, screwed or firmly cemented bridges, and partial or full prostheses. You can also use RatioPlant® implants in all surgical and bone augmentation procedures, from the simplest to the most complex. The implants are manufactured from biocompatible quality titanium and are at the cutting edge of science thanks to their blasted and etched surface.

All RatioPlant® implants fulfil the highest international standards. We are certified to DIN EN ISO 13485 as well as annex II of Directive 93/42/EEC.

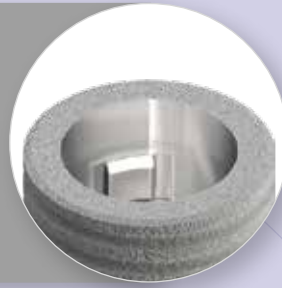
Contents

About us...	02
RatioPlant® ConeCept	04-06
Packaging	07
Tools/instruments	08-09
Drills and drill bits	10-12
Healing screws	13
Surgical procedure and taking an impression	14-19
Overview of prosthetic components	20-21
Prosthetic components ConeCept	22-23
Prosthetic components multi-unit abutments	24
Prosthetic components hybrid prosthetics	25-26
Additional information	26
Tightening torques	27
Contact	28

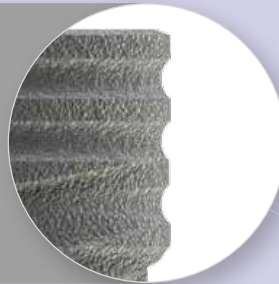


RatioPlant® ConeCept

Platform switches are possible thanks to a flat surface on the top of the implant to the abutment junction.



Micro-grooves in the neck area of the implant for optimal osteointegration.



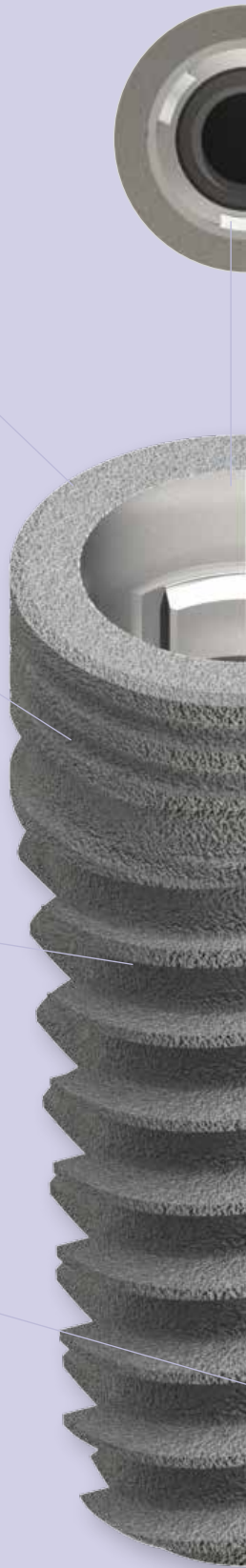
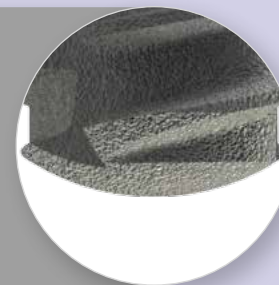
Anatomic root-analogue design for easy placement and excellent cosmetic results.



An atraumatic self-cutting thread with three extra-long cutting slots to collect bone chips and act as an anti-rotational mechanism.



Thanks to the rounded surface of the tip of the implant, the ConeCept line is also suitable for non-invasive use for direct sinus lifts.

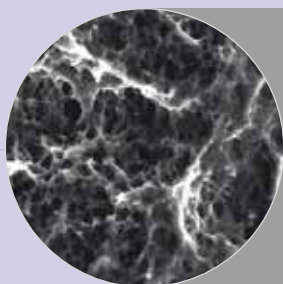




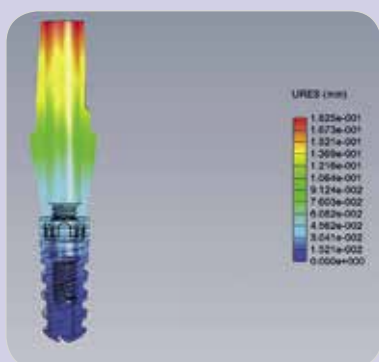
The pinnacle connection allows a high degree of flexibility in orienting the abutment and, therefore, offers the greatest possible freedom of manoeuvre for the production of prosthetics. There are six possible variations of the abutment-implant position.



The implants have a pinnacle connection, a longitudinal cone and an inner thread. The RatioPlant® ConeCept implants achieve a high sealing between the implant and abutment, even under stresses, thanks to the conical junction from the top of the implant to the pinnacle connection. Easy handling thanks to the unique implant/abutment connection. **Just one connection between implant and abutments – the same for all implant sizes.** The shape of the emergence profile is perfect, thanks to the perfectly harmonised and co-ordinated components.



The implants of the RatioPlant® ConeCept line are root-analogous screw implants with a sandblasted and acid-etched surface for all indications and have excellent healing with optimal osteon attachment facilitated by the special nano surface.



The biomechanical tests showed a much higher load-bearing capacity compared to the previous Avantgarde implants.


















RatioPlant® ConeCept

Simple colour system

The RatioPlant® ConeCept implants and drills are marked, depending on the diameter, in the colours **yellow** (3.3 mm), **red** (3.8 mm), **green** (4.2 mm) and **blue** (5.0 mm). This makes it easier to prepare the operating room and provides additional safety when inserting implants.

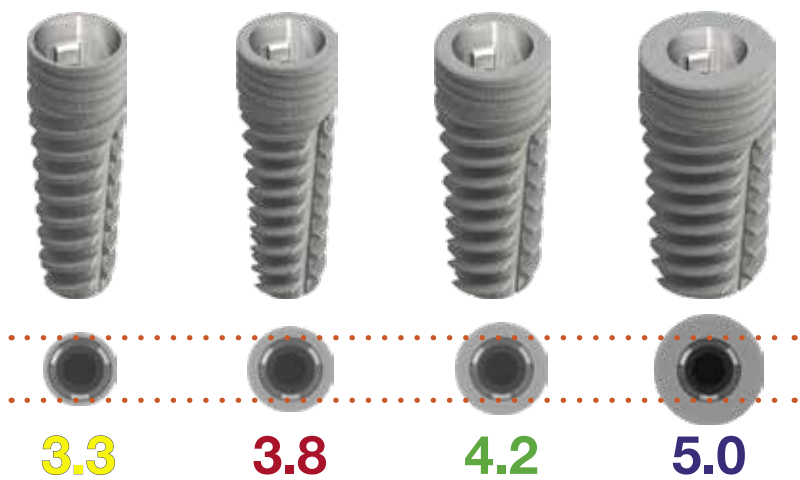


Implant sizes

mm	Ø 3.3	Ø 3.8	Ø 4.2	Ø 5.0
6.0			5005142060 	5005150060 
8.0	5005133080 	5005138080 	5005142080 	5005150080 
10.0	5005133100 	5005138100 	5005142100 	5005150100 
11.5	5005133115 	5005138115 	5005142115 	5005150115 
13.0	5005133130 	5005138130 	5005142130 	5005150130 

Platform

RatioPlant® ConeCept implants are available in four diameters and five lengths. All implant sizes are distributed across one platform. This greatly reduces the number of healing caps, tools and prosthetic components.



Packaging

User-friendly, safe and easy...

All RatioPlant® implants are in special internal packaging tube, located in an extra blister pack. User-friendly, safe and sterile-packed. This packaging provides soft inclusion with the insertion instrument directly from the tube during the surgery. Patient labels with all relevant data facilitate documentation of the implants used.



Removing implants

Removing cover screws





Surgical Kit

RatioPlant ConeCept Kit PPSU

Art.No. 5013904076-5

The RatioPlant® ConeCept-Kit contains all of the tools and instruments needed for the easy and safe integration of the implants and accessories from the ConeCept systems. It is very handy thanks to its small dimensions. The snap closure allows easy opening of the set and, if desired, the tray can be placed in different positions in the box for better handling of the instruments. The material is easy to clean due to its smooth surface, and it is suitable for sterilisation in an autoclave.



Instruments

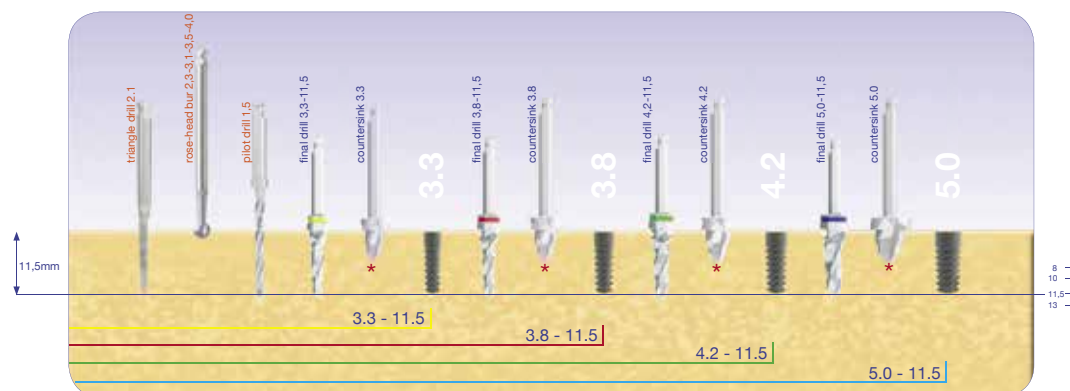
Name	Art.No.
inserter ConeCept ratchet short	5012302008
inserter ConeCept ratchet long	5012302007
inserter ConeCept ratchet extra long	5012302009
connector handpiece	5012302010
screwdriver hex ratchet short	5012301003
screwdriver hex ratchet long	5012301005
drill extender	5010308001
screwdriver hex hand short	5012301004
screwdriver hex hand long	5012301006
parallel post	5012332240
ratchet torque	5012303002



Drills and drill bits

Bohrprotokoll für RatioPlant®Implantate
Drilling protocol for RatioPlant®Implants
 Document No. E10002-266
 Revision 01/2018

ConeCept



3 verschiedene Vorbohrer zur Auswahl 3 different gimlet burs at your choice					
Tool	Triangelbohrer triangle drill	Rosenbohrer rose-head bur	Pilotbohrer pilot drill	Finalbohrer final drill	Versenker countersink
Durchmesser diameter Ø	2.1mm	2.3 - 3.5 - 4.0 - 5.0 mm	1.5mm	3.3-5.0mm	3.3 - 5.0mm
max. Drehzahl/RpM	800	800	800	500	300

* Anzuwenden bei D1 und optional bei D2 Knochen / Use in D1 and optional in D2 type bone!

Um einer Schädigung des Knochengewebes vorzubeugen, ist die abgebildete Bohrfolge einzuhalten! / To prevent damage of the bone tissue, the imaged drilling sequence is observed!

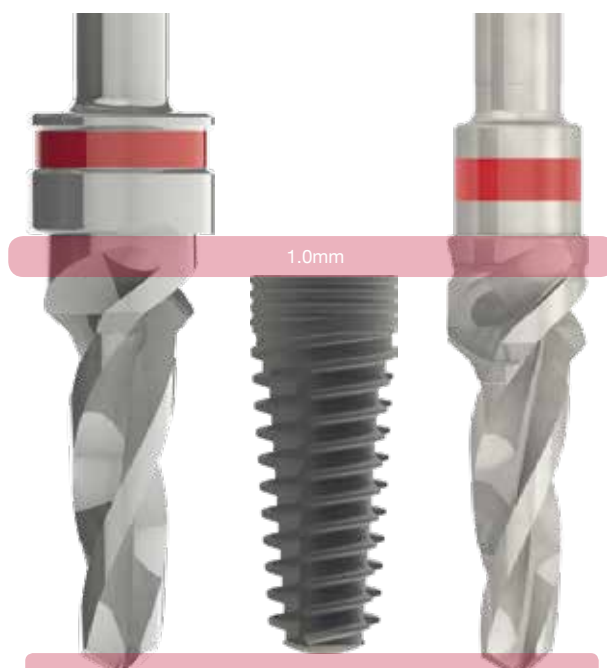
MEDICAL DEVICES

Final drill ConeCept

- The drill stop of the final drill is intended for subcrestal positioning of the ConeCept implants and is thus 1 mm longer than the corresponding implant.
- Due to the design and function of the drills, the drill tip is longer than the implant insertion depth.

Final drill Vario ConeCept

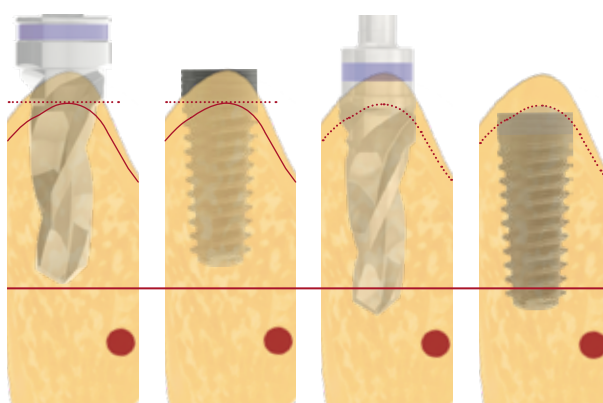
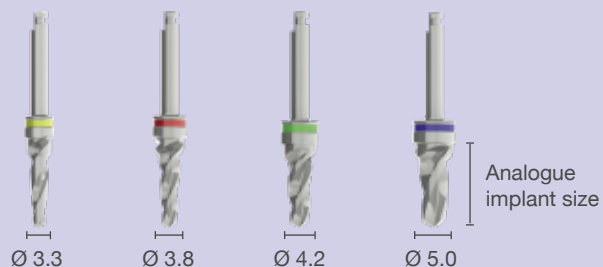
- If using the final drill with drill stop is not sufficient due to the bone condition, the desired depth can be created with the Vario final drill bit.



Final drills

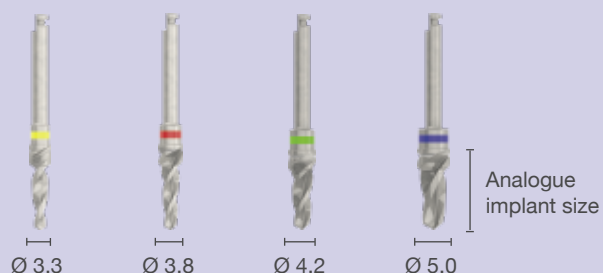
Name	Art.No.
Final drill ConeCept 33 080	5010307070
Final drill ConeCept 33 100	5010307071
Final drill ConeCept 33 115	5010307072
Final drill ConeCept 33 130	5010307073
Final drill ConeCept 38 080	5010307074
Final drill ConeCept 38 100	5010307075
Final drill ConeCept 38 115	5010307076
Final drill ConeCept 38 130	5010307077
Final drill ConeCept 42 060	5010307087
Final drill ConeCept 42 080	5010307078
Final drill ConeCept 42 100	5010307079
Final drill ConeCept 42 115	5010307080
Final drill ConeCept 42 130	5010307081
Final drill ConeCept 50 060	5010307082
Final drill ConeCept 50 080	5010307083
Final drill ConeCept 50 100	5010307084
Final drill ConeCept 50 115	5010307085
Final drill ConeCept 50 130	5010307086
Final Drill Vario 32/33 080	5010307090
Final Drill Vario 32/33 100	5010307091
Final Drill Vario 32/33 115	5010307092
Final Drill Vario 32/33 130	5010307093
Final Drill Vario 38 080	5010307095
Final Drill Vario 38 100	5010307096
Final Drill Vario 38 115	5010307097
Final Drill Vario 38 130	5010307098
Final Drill Vario 42 060	5010307116
Final Drill Vario 42 080	5010307100
Final Drill Vario 42 100	5010307101
Final Drill Vario 42 115	5010307102
Final Drill Vario 42 130	5010307103
Final Drill Vario 50 060	5010307105
Final Drill Vario 50 080	5010307106
Final Drill Vario 50 100	5010307107
Final Drill Vario 50 115	5010307108
Final Drill Vario 50 130	5010307109

ConeCept

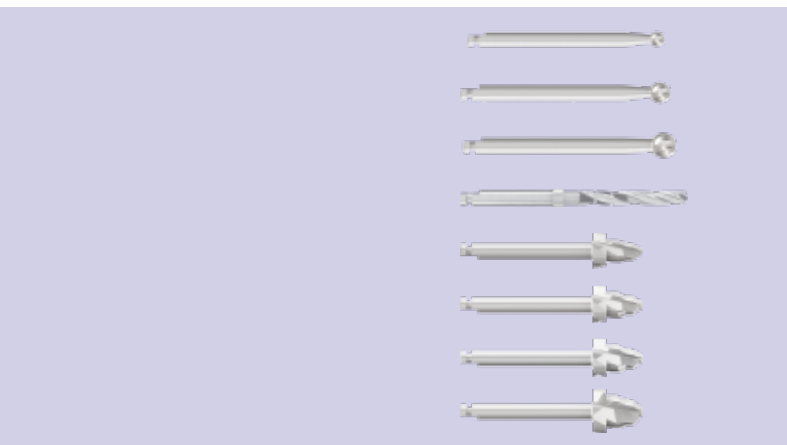


Note: When selecting the drills and implants, the vertical reduction of the bone must be taken into account!

Vario



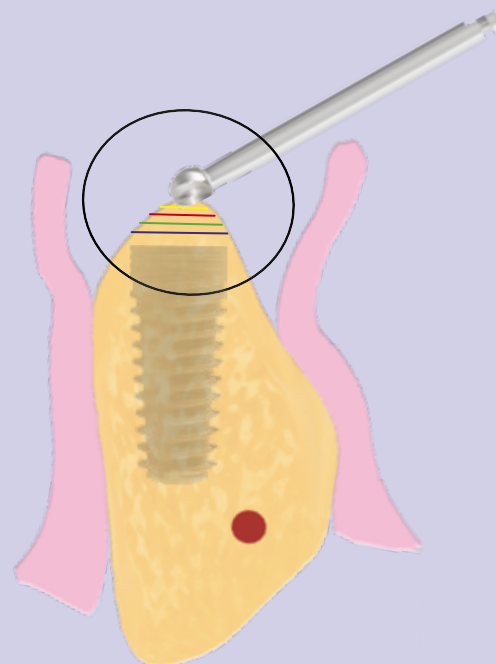
Drills and drill bits



Name	Art.No.
rose-head bur 23	5010323340
rose-head bur 35	5010335340
rose-head bur 40	5010340340
pilot drill 15	5010315340
countersink 3.2 / 3.3	5010332265
countersink 3.8	5010338265
countersink 4.2	5010342265
countersink 5.0	5010350265

Basic approach to the preparation of the implant bed

Before preparing the implant bed, especially in the case of a narrow and pointed alveolar ridge, smooth the ridge gently with a large round burr bit or a suitable bone miller. This will give you a flat and sufficiently wide bone surface.

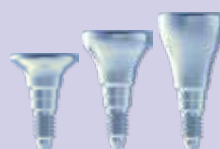
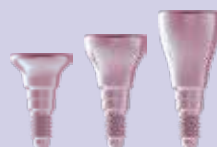


Maintenance, safety and liability

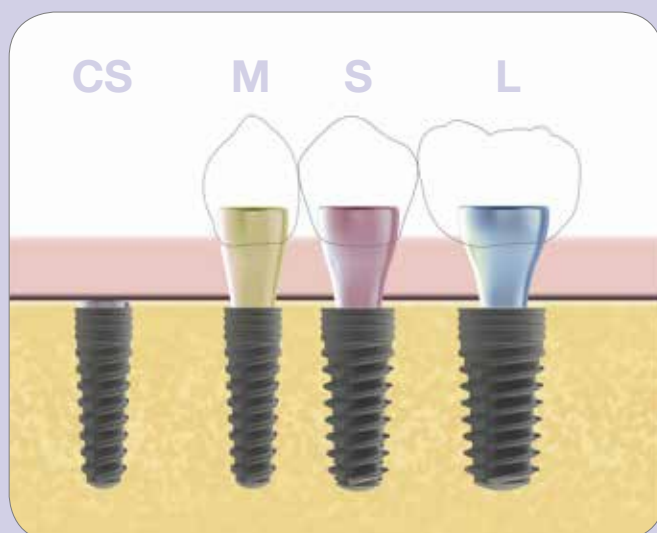
- With regard to the maintenance of the instruments and drills, please observe the RatioPlant® reprocessing instructions according to DIN EN ISO 17664:2004!
- Cutting hard bone materials and tooth substance may cause the premature loss of the sharp cutting edges. All drill bits must therefore be inspected for blunt cutting edges or damage after every period of use and, if necessary, replaced.
- To avoid instrument fractures, the prescribed rotational speed must be adhered to.
- Caution: There is a risk of injury due to the sharp blades of the drill! There is a risk of injury due to the drill and drill bit cross-threading and slipping! The user is solely responsible for inspecting the product before its use with respect to its suitability and possible use for the intended purposes. It is the responsibility of the user to use the drill and drill bits correctly.
- Guideline value for the frequency of use: >10 - 20 x (if no wear and tear is evident, prolonged use is also possible).

Healing screws

Name	Art.No.
Healing Cap ConeCept Mini H 1.5 a	5011106080
Healing Cap ConeCept Mini H 3 a	5011106081
Healing Cap ConeCept Mini H 5 a	5011106082
Healing Cap ConeCept S H 1.5 a	5011106083
Healing Cap ConeCept S H 3 a	5011106084
Healing Cap ConeCept S H 5 a	5011106085
Healing Cap ConeCept L H 1.5 a	5011106086
Healing Cap ConeCept L H 3 a	5011106087
Healing Cap ConeCept L H 5 a	5011106088

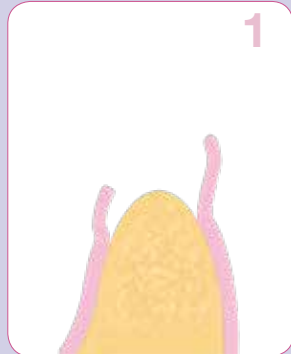


Once the implant has been inserted, the 4 mm, 5 mm or 5.5 mm cover screw is used to lock everything in place. After a healing period of four to six months, depending on the situation, the implant is expanded up to the desired diameter using the healing screws to prepare for taking impressions and the prosthetic treatment of the gingival part. During this process, the conical healing screws are used chronologically. The healing screws correspond to the emergence profile of the abutments to be used and can be used on all ConeCept implants.

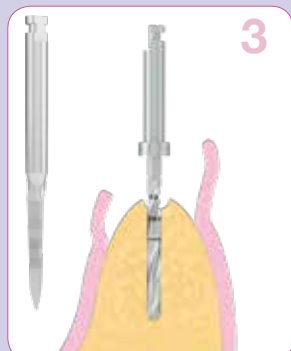
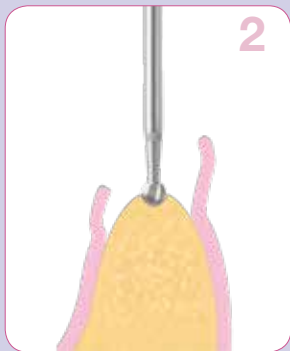


RatioPlant® ConeCept

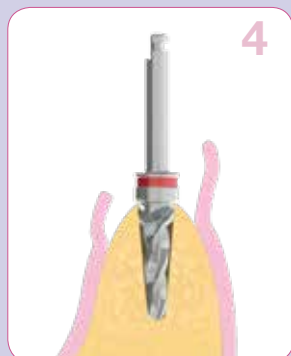
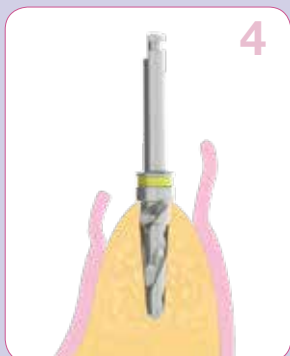
Surgical Phase – for example, RatioPlant® ConeCept 4.2/11.5



Exposure of the bone using scalpel or mucosal punch. Removal of the periosteum and preparation of the flap.



Marking with a round burr bit; fix the implant position, level the bone plateau by milling if necessary. Pilot drilling with pilot drill bit, alternatively with triangle drill bit.



Extension drilling at the corresponding diameter, with final drill bits of the desired length and at an increasing diameter.

Colour markings on the final drill bits:

yellow	for ø 3.2/3.3
red	for ø 3.8
green	for ø 4.2
blue	for ø 5.0

Note:

If the drilling depth cannot be made sufficiently deep due to difficult bone conditions, use the Vario final drills (without stop) as an alternative to the final drills with stop (see page 10).

Extension drilling at the corresponding diameter, with final drill bits of the desired length and at an increasing diameter.

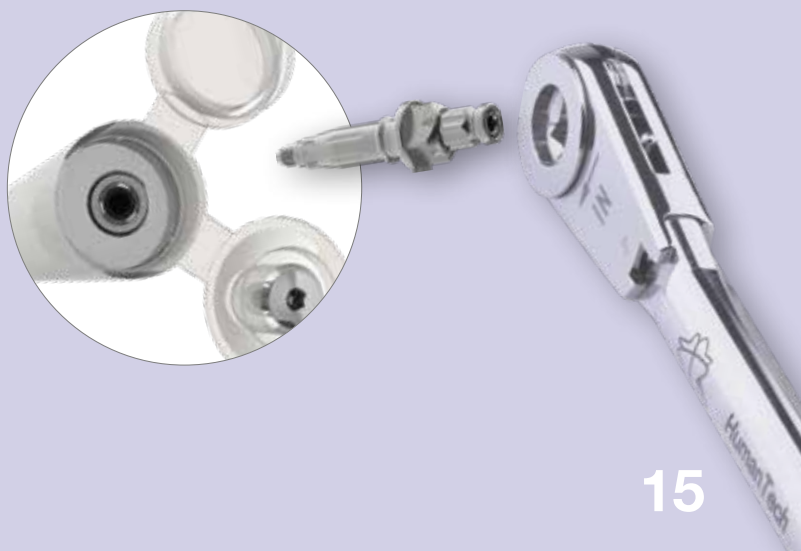
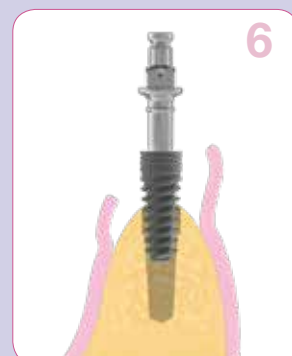
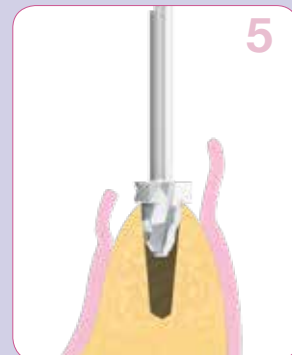
Colour markings on the final drill bits:

yellow for \varnothing 3.2/3.3
 red for \varnothing 3.8
 green for \varnothing 4.2
 blue for \varnothing 5.0

Countersink according to the implant diameter (optional for D1/ D2 bone quality) to enlarge the cortical area to allow insertion of the implant without excessive pressure.

Place implant with the inserter, preferably tighten it with the torque ratchet and the inserter for ratchet with max. 40 Ncm. Place it preferably 1.0 mm subcrestal.

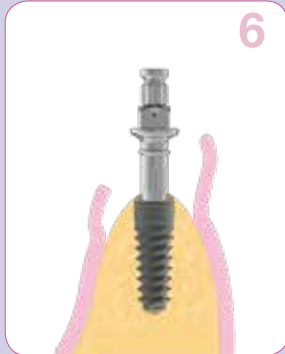
To remove the implant, first open the lid of the tube and fix the implant to the inserter with the screw and tighten it by hand. A cover screw is located in the upper lid.



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RatioPlant® ConeCept

Surgical Phase – for example, RatioPlant® ConeCept 4.2/11.5



Ensure and note the final position:

The marking on the inserter should ideally be orientated towards the buccal! The mark indicates the direction of the inclination in the 15° and 25° abutments.

Loosen the fixing screw to loosen the inserter. If this is not possible by hand, do this carefully with a needle holder or a similar instrument.



For concealed healing, seal the implant with the cover screw. This is tightened by hand and checked for tightness. Alternatively, a corresponding healing cap can be placed to allow open healing.



Optionally, place the augmentation material and distribute it around the cover screw. Wound closure and subsequent X-ray check.

Re-open after healing (four to six months) – expose using a scalpel or mucosal punch
Remove cover screw.

To shape the emergence profile, insert the desired healing cap, tighten by hand and check for tight fit. If necessary, attach mucosa to the healing caps by placing a suture. Healing time after closed healing is one to two weeks.

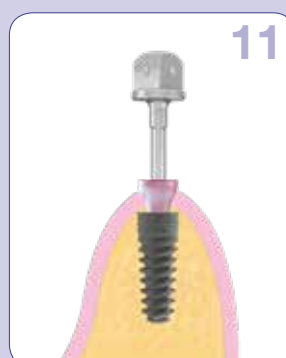
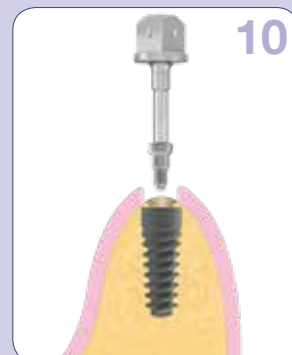
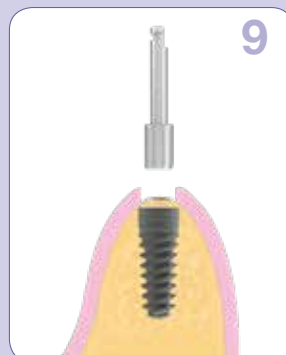
After shaping of the mucosa, impressions can be taken. Impression posts are available for two imprint procedures:

- Open impression method with individual tray – impression posts (Mini, Standard and Large) for open impression with the long screw.
- Closed impression method with Standard or individual tray – impression posts for closed impression (Mini, Standard and Large) with the prosthetic screw and transfer cap.



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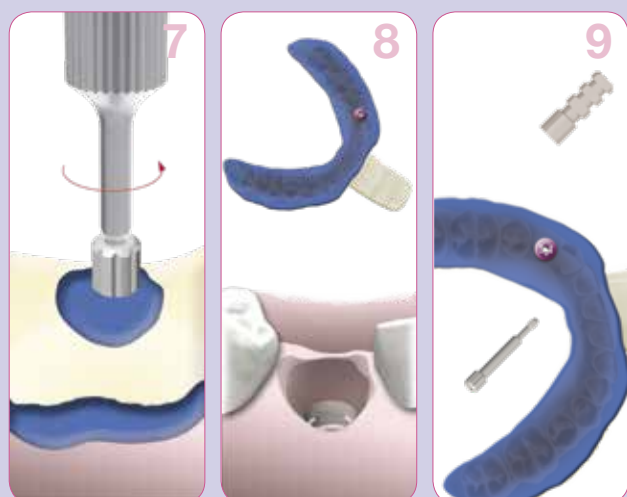
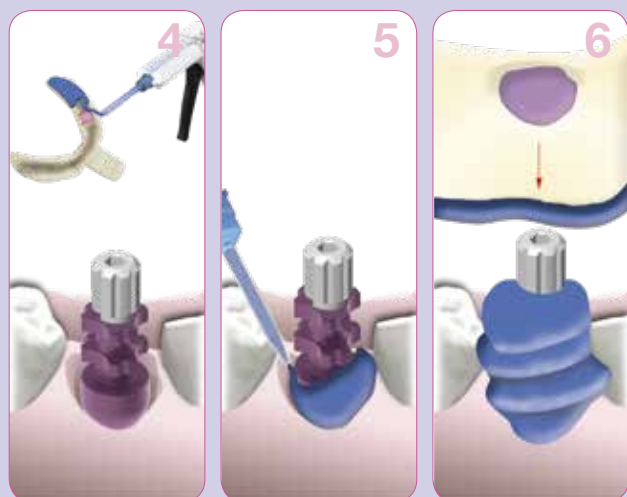
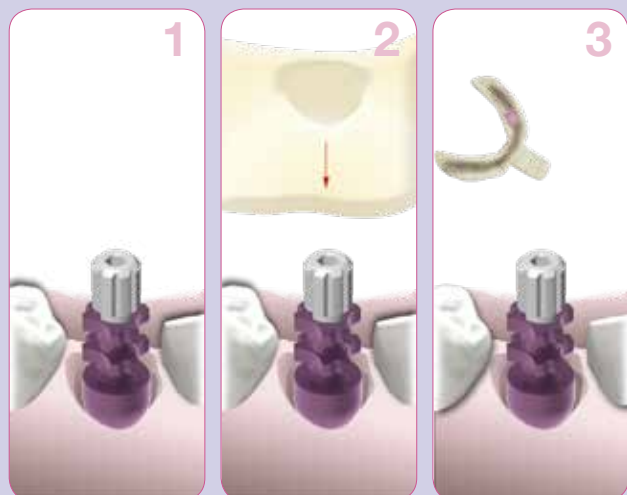
Healing phase



Prosthetic treatment



Example of impression



Sequence of steps for an open impression

Place the impression posts for open impression with the enclosed long screws on the implant, tighten by hand and check for tight fit (1).

Test the appropriate impression tray (2).

Apply wax sheet or suitable foil on depression hole and apply suitable impression material to the impression tray (3-4).

Apply suitable impression material to the impression tray, then apply impression material with fine syringe into the sulcus area, ensuring that it is free of air pockets, and place the prepared impression tray into position under no tension (5-6).

Release the impression screw after the prescribed hardening time (7).

Remove the impression and prepare with a suitable disinfection agent (8). Reattach the healing screws.

Hand-tighten the impression posts with corresponding laboratory analogue using the impression screw (9).

RatioPlant® ConeCept

After making the prosthetics in the dental laboratory, remove the healing caps. Insert abutment and tighten with new prosthetic screw with max. 25 Ncm using a torque ratchet.

Note:

Always repeat tightening with the torque after five minutes!
When inserting the implant, make sure that the pinnacle connection is correctly locked so that there is no height misalignment between the implant and abutment!

Insert the dental prosthesis (in this case, a crown).

Note:

If the restoration is cemented, a retraction thread must be applied before insertion to prevent cement residues from penetrating into the area of the implant! Otherwise there is a risk of peri-implantitis.

General note

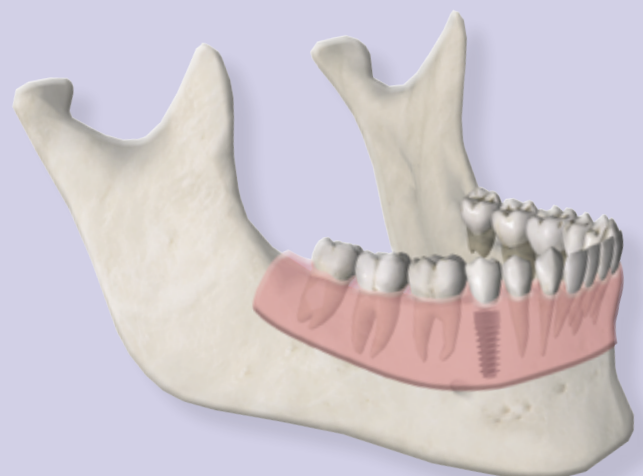
The above-mentioned descriptions are not sufficient for the immediate application of the RatioPlant® implant system. We recommend training from an experienced surgeon in how to use the RatioPlant® implant system. As a rule, the RatioPlant® implant system must be used only by trained dentists, implantologists and dental technicians.

Methodological errors may result in the loss of the implants and damage to the peri-implant bone substance. The products are processed and applied beyond our control and are the sole responsibility of the user. We do not accept any liability for any damage caused in this way.

Please also note and observe our instructions on page 26 of this brochure regarding safety, liability and guarantees.



QR code for the user manual



Overview of prosthetic components

Impression posts



RatioPlant@ConeCept impression posts are available for all platforms, for impression procedures with open or closed tray, as well as for making digital impressions. The perfectly harmonised components guarantee precise transfer of the oral situation to the master model or into the digital work environment.

Temporary abutments



Temporary abutments offer solutions for the temporary restoration of aesthetics, tissue contouring, and immediate function. RatioPlant@ConeCept offers a wide range of temporary abutments for both screwed and cemented restorations.

Cementable abutments



RatioPlant@ConeCept cemented abutments are available in a range of materials, forms, angles and sizes for all platforms in order to fulfil individual patient requirements.

Aesthetic abutments



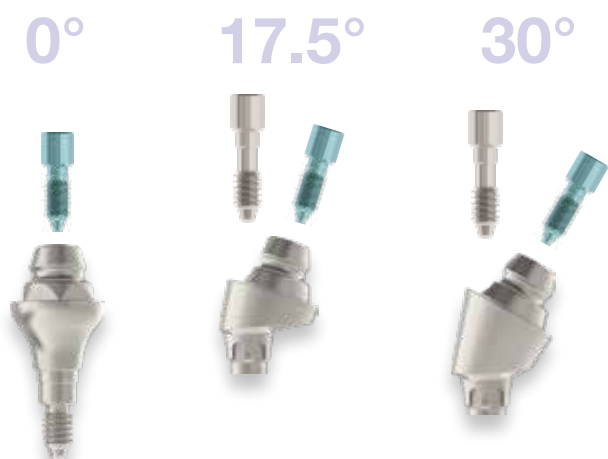
CAD-CAM discs allow occlusally-screwed crowns and/or individual abutments to be manufactured in the digital milling process with a precise connection structure. RatioPlant adhesive abutments were developed specifically for the manufacture of individual hybrid abutments consisting of a prefabricated Ti adhesive base and an individually manufactured zirconium or pressed ceramic base using suitable 2K adhesive and are ideally suited for high-quality front tooth restoration.

Abutments hybrid prosthetics



Implant-supported full prostheses can be used with a minimum of just two supporting implants, resulting in cost benefits for a number of patients. Equator and retentive anchors are ideal for the secure hold of prostheses in both the upper and lower jaw. These hybrid prostheses can also be easily managed by elderly patients and patients with disabilities.

MultiUnit abutments



The RatioPlant®ConeCept MultiUnit abutments solve challenging situations in the case of patients without teeth and offer a range of angles, shoulder heights and prosthetic components for individual and optimal treatment. The elaborate design ensures efficient treatment, including with immediate loading of the construction under the right conditions, and features an excellent system overview and a high degree of user friendliness.

Prosthetic ConeCept



Screw/impression

prosthetic screw normal (For patient use only)	5011109001
lab screw ConeCept (Exclusively for use in the dental laboratory)	5011109013
Impression Post Open ConeCept M a	5011105066
Impression Post Closed ConeCept M a	5011105069
Impression Post Open ConeCept S a	5011105067
Impression Post Closed ConeCept S a	5011105070
Impression Post Open ConeCept L a	5011105068
Impression Post Closed ConeCept L a	5011105071
Lab Analog ConeCept	5011110008
Transfer Cap ConeCept	5011105010

Prosthetic components

Ti Abutment ConeCept 0° Mini H1,5	5011110500	0° M
Ti Abutment ConeCept 0° Mini H3	5011110501	
Ti Abutment ConeCept 0° Mini H5	5011110502	
Ti Abutment ConeCept 0° S H1,5	5011110530	S
Ti Abutment ConeCept 0° S H3	5011110531	
Ti Abutment ConeCept 0° S H5	5011110532	
Ti Abutment ConeCept 0° L H1,5	5011110560	L
Ti Abutment ConeCept 0° L H3	5011110561	
Ti Abutment ConeCept 0° L H5	5011110562	
Plastic Abutment ConeCept	5011210015	
Plastic Abutment ConeCept lock	5011210016	
Provisional Abutment Peek ConeCept	5011610105	
Provisional Abutment Ti ConeCept	5011110105	
Ti Adhesive Abutment ConeCept Mini	5011110065	M S L
Ti Adhesive Abutment ConeCept S	5011110066	
Ti Adhesive Abutment ConeCept L	5011110067	

Prosthetic components

15°

Ti Abutment ConeCept 15° Mini H1,5	5011110510
Ti Abutment ConeCept 15° Mini H3	5011110511
Ti Abutment ConeCept 15° Mini H5	5011110512

M

Ti Abutment ConeCept 15° S H1,5	5011110540
Ti Abutment ConeCept 15° S H3	5011110541
Ti Abutment ConeCept 15° S H5	5011110542

S

Ti Abutment ConeCept 15° L H1,5	5011110570
Ti Abutment ConeCept 15° L H3	5011110571
Ti Abutment ConeCept 15° L H5	5011110572

L

Prosthetic components

25°

Ti Abutment ConeCept 25° Mini H1,5	5011110520
Ti Abutment ConeCept 25° Mini H3	5011110521
Ti Abutment ConeCept 25° Mini H5	5011110522

M

Ti Abutment ConeCept 25° S H1,5	5011110550
Ti Abutment ConeCept 25° S H3	5011110551
Ti Abutment ConeCept 25° S H5	5011110552

S

Ti Abutment ConeCept 25° L H1,5	5011110580
Ti Abutment ConeCept 25° L H3	5011110581
Ti Abutment ConeCept 25° L H5	5011110582

L

Prosthetic components CAD-CAM

Scan Connector ConeCept	5011610001
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Abutment Ti ConeCept CAD CAM	5011110590
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Soft-tissue management

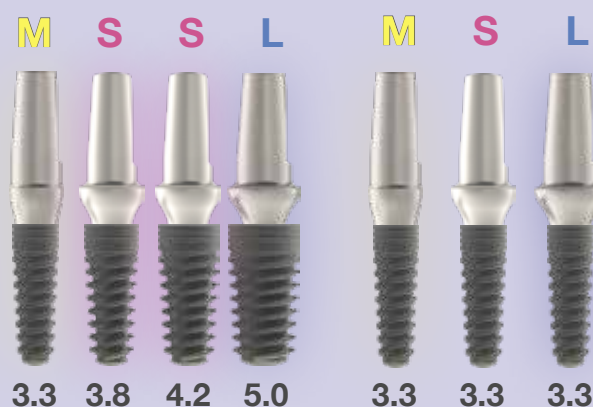
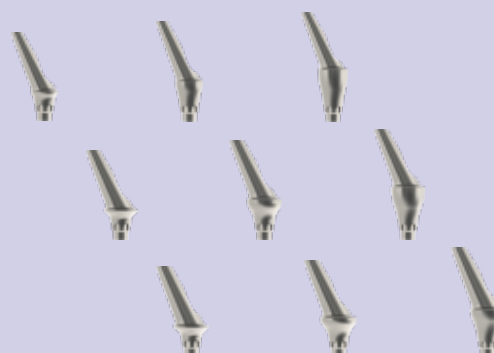
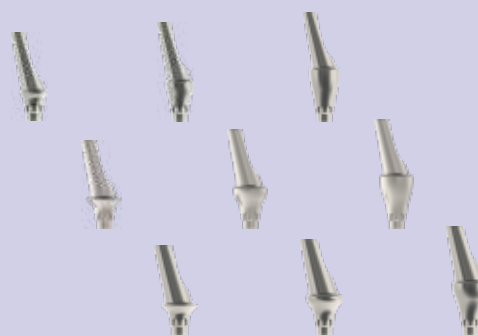
For the ConeCept system, abutments are available for the three widths (Mini Ø 4.5 mm, Standard Ø 5.0 mm and Large Ø 5.5mm) and three different neck heights (H1.5 = 1.5 mm, H3 = 3.0 mm and H5 = 5.0 mm) to cover different soft tissue forms. The abutments correspond exactly to the emergence profile of the previously used healing screws and can be used on all ConeCept implants. This range of options allows the optimal transition between the implant and dental prosthesis on every ConeCept implant.



Mini

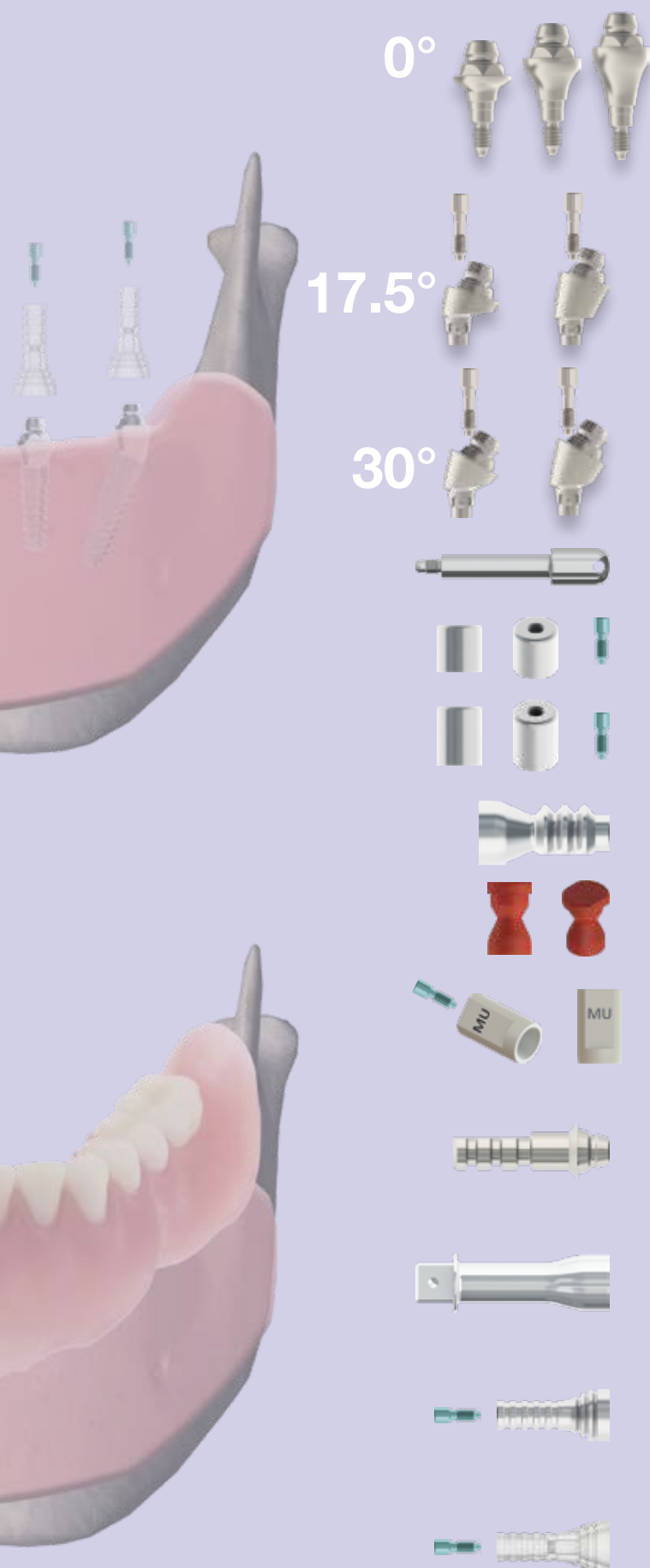
Standard

Large



Prosthetics

Prosthetic ConeCept



MUA-MultiUnit Abutment

MU Abutment ConeCept 0° H1,5	5011110428
MU Abutment ConeCept 0° H3	5011110429
MU Abutment ConeCept 0° H5	5011110434
MU Abutment ConeCept 17,5° H3	5011110430
MU Abutment ConeCept 17,5° H4	5011110431
MU Abutment ConeCept 30° H4	5011110432
MU Abutment ConeCept 30° H5	5011110433
MU abutment inserter	5012302022
MUA healing cap H1 incl. MU prosthetic screw	5011106100
MUA healing cap H2 incl. MU prosthetic screw	5011106101
MUA impression post open tray	5011110013
MUA impression post closed tray	5011110014
MUA scan connector PEEK incl. MU prosthetic screw	5011610000
MU lab analog	5011110004
MU 0 inserter ratchet	5012302020
MU prosthetic cap T1 inkl. MU prosthetic screw	5011110012
MU prosthetic cap plastic inkl. MU prosthetic screw	5011210020

Prosthetic components

Hybrid prosthetics

EQUATOR-Abutment Kit ConeCept

One metal casing, four plastic caps with different retention (violet – strong; white – standard; pink – soft; yellow – extra-soft), 1 distance plate, 1 EQUATOR implant abutment ConeCept

EQUATOR Abutment ConeCept H1	5011110600
EQUATOR Abutment ConeCept H2	5011110601
EQUATOR Abutment ConeCept H3	5011110602
EQUATOR Abutment ConeCept H4	5011110603
EQUATOR Abutment ConeCept H5	5011110604
EQUATOR Abutment ConeCept H6	5011110605
EQUATOR Abutment ConeCept H7	5011110606

Caps Assortment Kit

(1x metal casing, 1x laboratory cap, 4x retention caps (1x each of extra-soft, 1 soft, 1 standard, 1 strong))

5011008024

Smart Box Kit EQUATOR

1x metal casing with black laboratory cap, 4x retention caps, (1x each of extra-soft, 1 soft, 1 standard, 1 strong), 1 distance plate

5011008072

Retentive Cap EQUATOR

(VE 4 items per colour)

violett „STRONG“	5011008026
white „STANDARD“	5011008027
pink „SOFT“	5011008028
yellow „EXTRA -SOFT“	5011008029

4 PROCESSING CAP LABORATORY	5011008031
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2 STAINLESS STEEL HOUSING	5011008025
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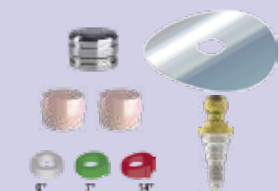
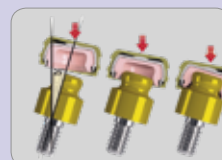
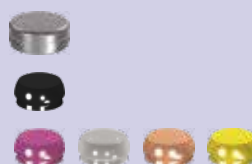
2 IMPRESSION COPING	5011008030
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2 LABORTORY ANALOG	5011008032
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SPHERO-Abutment Kit ConeCept

1 metal housing, 2 plastic caps pink-soft, 3 alignment rings, 1 distance plate, 1x SPERO BLOCK implant abutment ConeCept

SPHERO Abutment ConeCept H1	5011110610
SPHERO Abutment ConeCept H2	5011110611
SPHERO Abutment ConeCept H3	5011110612
SPHERO Abutment ConeCept H4	5011110613
SPHERO Abutment ConeCept H5	5011110614
SPHERO Abutment ConeCept H6	5011110615
SPHERO Abutment ConeCept H7	5011110616



Prosthetic ConeCept



SPHERO RETENTIVE CAP

(VE 6 items per colour)

silver „EXTRA-RESILIENT“	SOFT RETENTION	5011008062
gold „EXTRA-RESILIENT“	MEDIUM RETENTION	5011008063
green „VERY ELASTIC RETENTION“		5011008064
yellow „EXTRA-SOFT“		5011008065
pink „SOFT“		5011008066
clear „STANDARD“		5011008067

equator inserter 5011008060

Tool x Inserting caps standard 5011008041

ball attachmet inserter 5011008061

Signs and symbols according to DIN EN 980:2008-08



Manufacturer's information



Date of manufacture



To be used until



Order number



Batch number



Sterilisation by irradiation



For single use only



Do not use if the packaging is damaged



Keep dry



Do not re-sterilise



Observe the instructions for use



Caution

Security liability guarantee

Security

The RatioPlant® implant system must be used only in accordance with the instructions and recommendations of Human-Tech Dental GmbH.

Any use of components that are not system-related original components affects functionality and voids our liability. Consultation on the use of the products is given verbally as well as in the context of demonstration events. It corresponds to the cutting edge of science at the time our products are placed on the market. This consultation, however, shall not release the user from his/her obligation to inspect each individual product prior to their intended use with respect to their suitability for the intended purpose. The respective user is responsible for the processing and use of the products. Liability for damage resulting from the use and processing of the product is excluded.

Within the scope of our general terms and conditions, we guarantee that our products are at the cutting edge of science and technology and are also of impeccable quality in accordance with CE certifications.

Delivery

































The products are supplied only to dentists, doctors, surgeons, implantologists, dental technicians, dental clinics, dental laboratories and their dealers.

Exchange

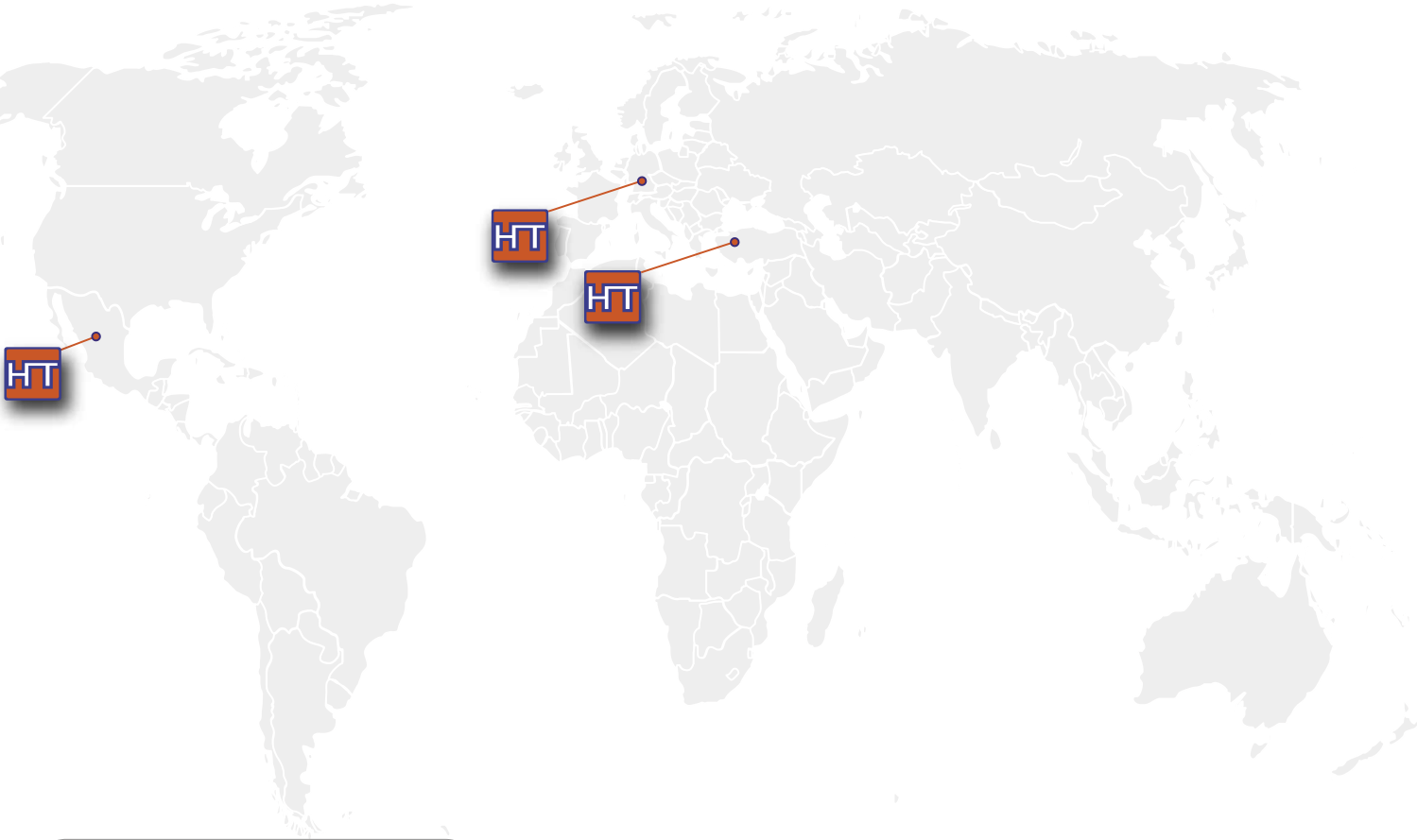
The products can only be returned as part of an exchange. Condition for the redemption of goods:

1. Two years before the expiry of the sterile time
2. Undamaged, unchanged in appearance and in its original packaging.

Tightening torque

	Screw	Instrument	Tightening torque*
  Healing cap  MUA healing cap  Impression post  MUA impression post  Scan connector  MU scan connector  Provisional abutment PEEK	 Cover screw  Impression screw long  Lab screw  MU prosthetic screw  Prosthetic screw normal	 Screwdriver hex hand long  Screwdriver hex hand short	Hand-screwed
 Ti abutment  Provisional abutment Ti  Ti adhesive abutment  Abutment Ti CAD CAM  MU abutment	 MU prosthetic screw  Prosthetic screw normal	 Screwdriver hex short  Screwdriver hex long  Ratchet	25 Ncm
 MU prosthetic cap Ti  MU prosthetic cap plastic  EQUATOR abutment  SPHERO abutment	 MU prosthetic screw	 EQUATOR inserter  Ball abutment inserter	

* The listed tightening torques contain only recommended values. Always retighten prosthetic screws after 5 minutes.



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