
TECNOMED
ADVANCED IMPLANT TECHNOLOGY

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INDEX

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Tecnomed Implant System

EASE AND VERSATILITY

Tecnomed® implant system has its roots in twenty years of clinical experience, and is characterized by its ease and prosthetic versatility.

Tecnomed® produces and sells titanium implants and prosthetic abutments. Thanks to its state of the art machineries, our company is able to shape highly sophisticated products for Implantologists and dental technicians, starting from the simple titanium bars.

EDUCATIONAL OPPORTUNITIES

Tecnomed strongly recommend a training on his Implant System, therefore every year the company organizes courses and meetings for its costumers, to suite them with a constant update on the latest techniques and assist them in their professional growth.
Among the main treated topics there are "Implantology basics, theory and practice", "Advanced surgical training on corpses" "Surgical lessons on live patient", "Training on simulator mannequins".

The program **Tecnomed Gold** provides the customers with biological, surgical, anatomical, radiological, prosthetic and structural notions, in order for them to be able to design and finalize under tutor control their first surgeries.

Acid etched implant surface

IMPLANT SURFACE TREATMENT

Through hard work, research and constant efforts our company managed to reach the highest quality standard, such as precision in the connections, better implants' shapes and surfaces.
Tecnomed® implants' surface treatment is built on a solid competence and on the latest scientific results. Our treatments provide a control of microtopography and surface chemical interactions, in order to accelerate the bone regeneration. The **Acid etched** surface is acquired through a double acidification by subtraction. At the end of this process, the surface area increases by 40%. This characteristic is the key for the efficiency of our implants in activate the blood platelets, because of the retention of the blood clot around the implant.
The capillary structure of the surface acts like a sponge, holding the growth factors and providing a speedy recovery and a faster healing process for the bone.

SURFACE TREATMENT

The polish treatment selected for the surface is the Glow Discharge, aiming to eliminate the endotoxins. The effectiveness of this treatment has been verified by countless scientific papers, lab tests, and thousands of implant surgeries.

Chieti-Pescara University
Department of Medical and Oral Sciences
and Biotechnologies

TECNOMED Implant Research Center

Histological and histomorphometric evaluation on the osseointegration of the implant.

Titanium chemical characteristics

GRADE 4 TITANIUM

ASTM F67
ISO 5832-2

0,40% OXYGEN (O)	**0,05%** NITROGEN (N)	**0,0125%** HYDROGEN (H)	**0,08%** CARBON (C)	**0,50%** IRON (Fe)	**Residue** TITANIUM (Ti)

Characterization and use
Pure Titanium for medical use. Employed for endosseus implantology.

GRADE 5 TITANIUM

EN TiAl6V4
ASTM F136
ISO 5832-3

0,08% CARBON (C)	**0,25%** IRON (Fe)	**0,13%** OXYGEN (O)	**0,05%** NITROGEN (N)	**0,012%** HYDROGEN (H)	**5,50%** ALUMINUM (Al)
3,50% VANADIUM (V)	**0,005%** YTTRIUM (Y)	**Residue** TITANIUM (Ti)			

Characterization and use
Titanium in alloy with aluminum vanadium melted under vacuum complying with the ELI (Extra Low Interstitial) standards. Employed to build prosthetics and in bone implants.

ITALCERT
Certified Quality Management System
UNI CEI EN ISO 13485:2016

CE
CE Marked products following DIR 93/42 CEE and Smi

Stress test on Tecnomed implants

MECHANICAL TRYOUTS

Mechanical tryouts aim to determine the mechanical resistance of an implant connection in two different charging situations: static and cyclic.
This kind of tests is carried out using assembled implants (implant with abutment mounted on) insert in an iron case filled with resin. The resin samples are duly shaped in order to achieve a unit (implant + abutment) inclined by 30°, then force is applied with a direction not parallel to the main axis of the unit, creating traction and compression forces under whose influence the structure is exposed to a greater strain. Tryouts follow the instruction of **UNI EN ISO 14801:2017** regulation, in his general principles, and they match the requirements in terms of methodology and materials.

Tests for the resistance under cyclic solicitation (fatigue), are carried out applying a load tilted by 30 degrees. This load follows a periodic course under sinusoidal rule, the frequence being 7 cycles per second between 20 and 200 NM. Due to the peculiar burdensomeness of the test (the tilted implant, the maximum weight of the load and the length of the lever, 14 mm) it is generally accepted that the system is mechanically reliable if it undergoes 5 million load cycles.
The trial is performed in controlled temperature and humidity situation; during the process temperature sits between on 24° Celsius ±5°, while humidity is fixed at 58% ±10%.

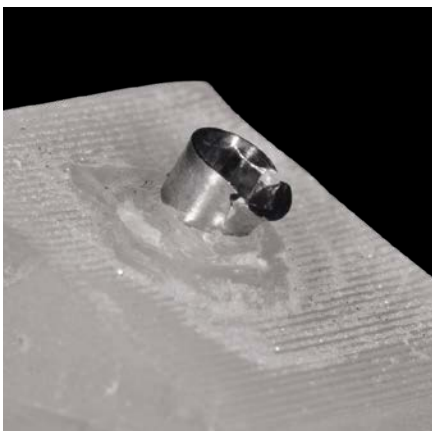
If anyone of the implants breaks up during the trial, or the connection implant – abutment is lost, the trial is stopped and the number of cycles that the unit underwent is registered.

These units are loaded using a Universal Test machinery (Lloyd LR30K, Lloyd Instruments Ltd, Segensworth, UK), built in a basic configuration that allows to examine the behaviour under strain of the majority of biomedical devices. This are its specifications:

- It Is able to apply a specific load with an error not exceeding the 5% on the maximum load.
- It is able to apply the load at the specified frequence.
- It is provided with particular features in order to control maximum and minimum load values, to modulate the frequence and to detect the fracture of the sample.
- It is able to memorize the number of load cycles during the trial
- If the sample breaks up or the stability of the connection is lost, it is able to produce the exact number of cycles at which the rupture happened.
- If the sample resist to 5 million cycles, the trial is stopped and the success is registered.

1. Sample incorporated in resin during the mechanical test

2. Abutment-implant connection during the mechanical failure



3. Detail of the mechanical failure

Implant packaging

PACKAGING

The packaging of the implant has been carefully designed to ease the handling of the fixture.

Every box includes:

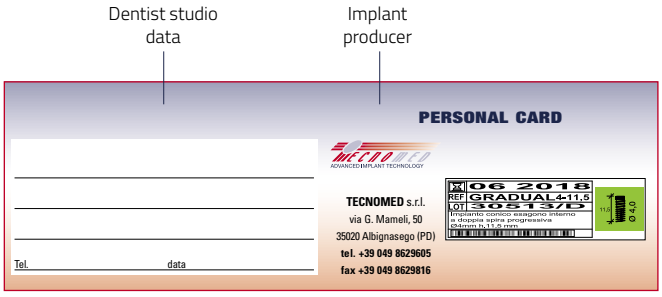
- Double blister
- Warranty seal on the tube
- Personal card
- Information label
- Color code label
- Technical design
- Instruction of use

LABEL

Color code	Diameter
Orange	ø 2,5 mm
Light blue	ø 3,0 mm
Yellow	ø 3,5 mm
Green	ø 4,0 mm
White	ø 4,5 mm
Red	ø 5,0 mm
Blue	ø 5,5 mm
Purple	ø 6,0 mm

PERSONAL CARD

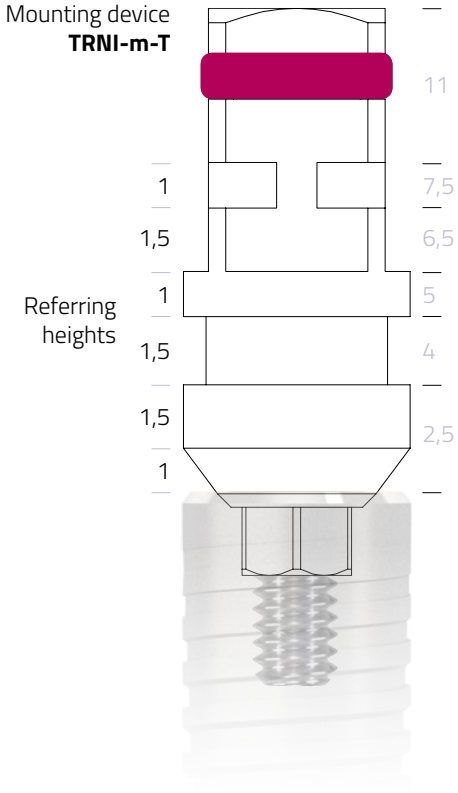
The personal card is a proper identification paper for any device used by the Physician during the surgery. It has to be handed over to the patient, so he can recognize the devices even if he decides to reach another odontologist.



Mounting devices

MOUNT WITH TRANSFER FUNCTION

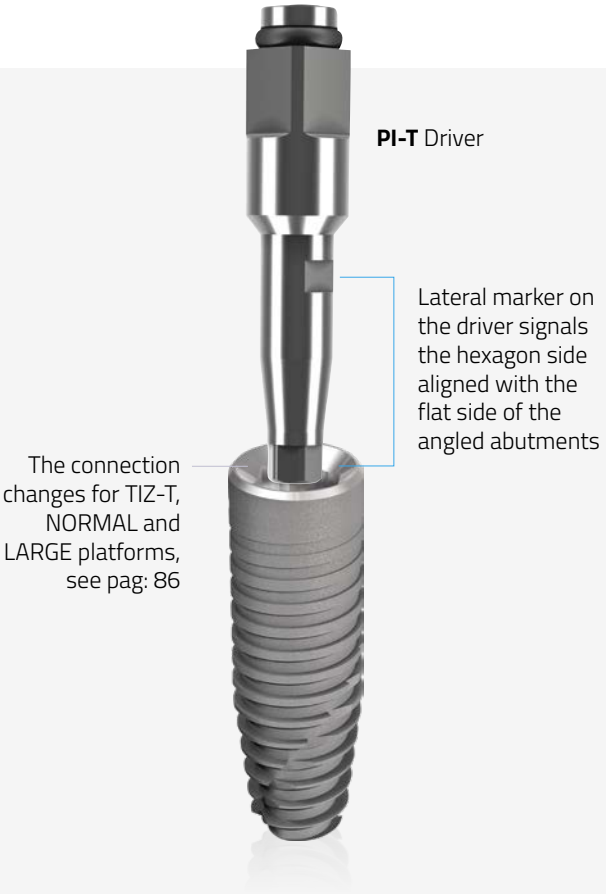
Tecnomed implants are provided in sterile packaging, already mounted on a mounting device with transfer function. **The suggested screwing torque shouldn't be higher than 80 NW**. Upon specific request of the operator the same implants are provided without the Mount device.



TECHNICAL INFORMATIONS FOR PI-T IMPLANT DRIVER

Internal hexagon implants are sold with a mounting device that helps with the correct placement in the bone. However, this device, at the connection hexagon level, has a hole for the screw to pass through, and this undermine the fastening force that the mount can transfer to the implant, at the risk of a breakdown of the hexagon in the head of the implant.

The **PI-T** driver has a full body hexagon, being therefore suited to transfer higher fastening forces to the implant, without the abovementioned breakdown risks.



Extraction procedure with MOUNT-TRANSFER

SOSTITUIRE

The care with which TECNOMED follows the need of its customers led to develop a new packaging and positioning system that helps with the insertion of its implants. Within this process, physicians can choose if they prefer to use manual instruments or their handpiece to extract the implant from its tube and to insert it in the mouth.

Peculiarities and benefits:
See-through ampoule to evaluate the implant before the opening • Healing abutment included • Multitasking mount device: mount function, equipped with O-ring that allows to take the implant and transfer it in the mouth easily and safely • Transfer for impression function • Double sterilization with Gamma Rays.

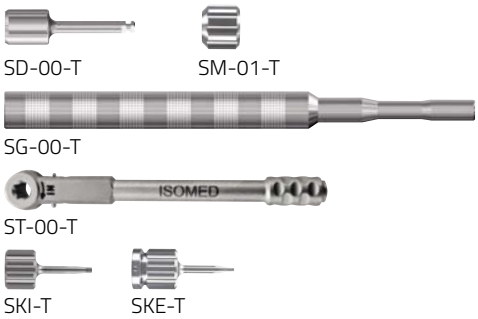
Open the blister that holds the ampoule with sterile gloves

Take away the first cap with a traction and, at the same time, a torsion

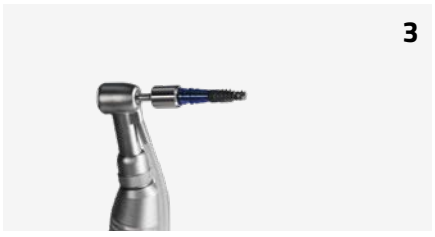
Let the ampoule's support slip on a sterile cloth

Lay down on the sterile cloth the support (detail: Healing abutment)

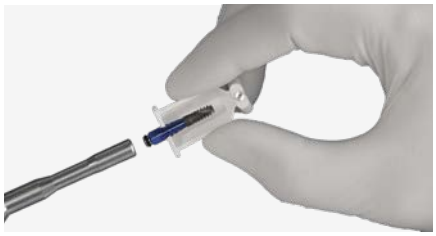
The implant extraction can be performed with different instruments:
SD-00-T Handpiece driver
SM-01-T Manual driver
SG-00-T Square head driver for superior arch
ST-00-T Ratchet wrench
SKI-T Digital driver for fastening screws
SKE-T Digital driver for fastening screws, external hexagon



Extraction example with SD-00-T handpiece driver.
Hold tight the support of the implant between the fingers in order to support the insertion of the mount device.

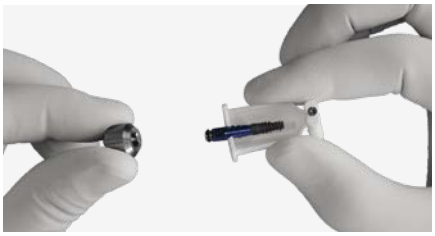


Some others extraction techniques.



Square head driver (SG-00-T)

Ratchet wrench (ST-00-T)



Digital driver (SM-01-T)

NO-MOUNT extraction procedure

SOSTITUIRE

The **NO MOUNT** packaging with two ampoules allows the direct connection with the implant just touching the first top for a safe use, letting the physician to choose the preferred instrument he intends to employ.

Peculiarities and benefits:
See-through ampoule to evaluate the implant before the opening • Healing abutment included • Direct connection to the implant • minimal contact with the internal ampoule • Double Sterilization with Gamma rays.

SOSTITUIRE

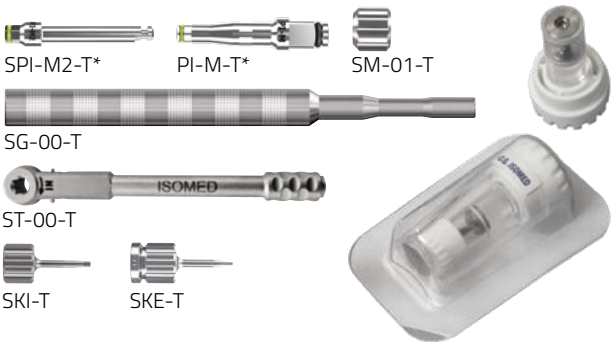
Open the blister that holds the ampoule with sterile gloves

Take away the first cap with a traction and, at the same time, a torsion

Remove the secondary cap while holding the first cap, showing the implant connection

The healing abutment is placed under the inner ampoule, beneath the first cap

The implant extraction can be performed with different instruments:
SPI-M2-T* Handpiece driver
PI-M-T* O-ring driver for raquet wrench
SM-01-T Manual driver
SG-00-T Square head driver for superior arch
ST-00-T Ratchet wrench
SKI-T Digital driver for fastening screws
SKE-T Digital driver for fastening screws, external hexagon



Extraction example with SPI-M2-T* handpiece driver.
Hold tight the support of the implant between the fingers in order to support the insertion of the mount device.

Some others extraction techniques.

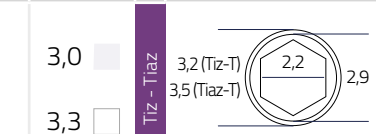
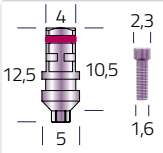
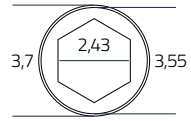
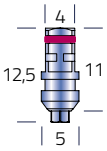
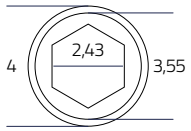
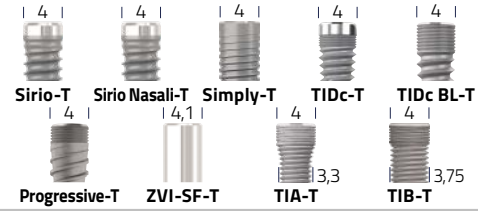
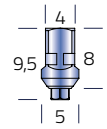
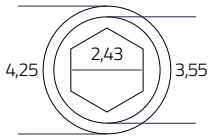
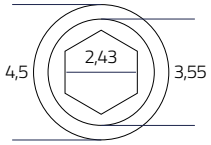
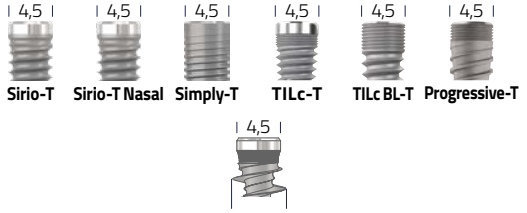
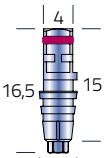
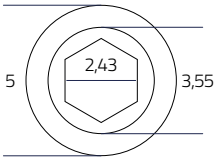
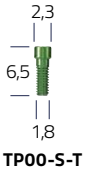
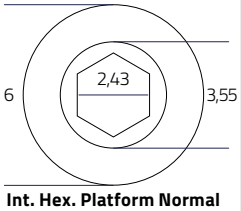
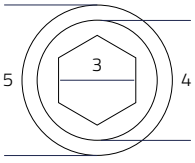
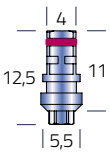
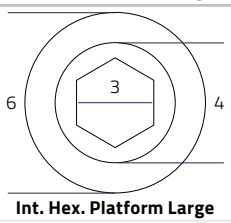
Square head driver (SG-00-T)
+ O-ring driver for raquet wrench (PI-M-T*)

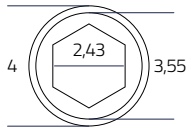
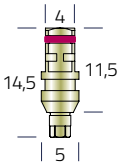
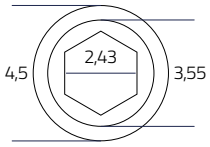
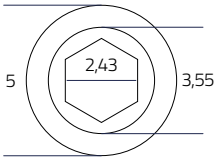
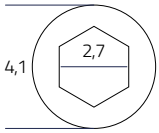
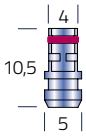
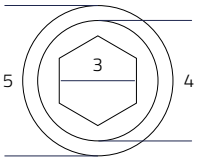
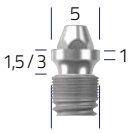
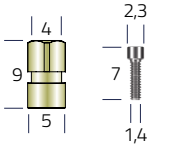
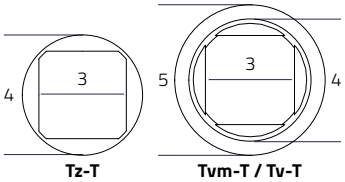
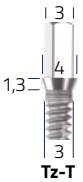
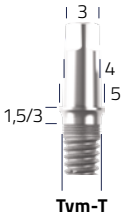
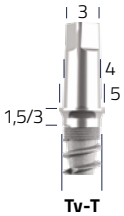
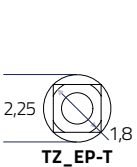
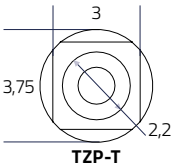
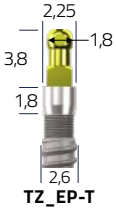
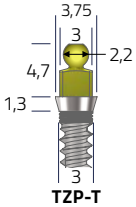
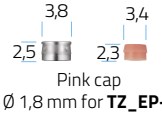
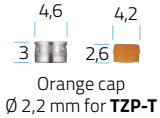
Ratchet wrench (ST-00-T)
with O-ring driver (PI-M-T*)

Digital driver (SM-01-T)
with O-ring driver (PI-M-T*)

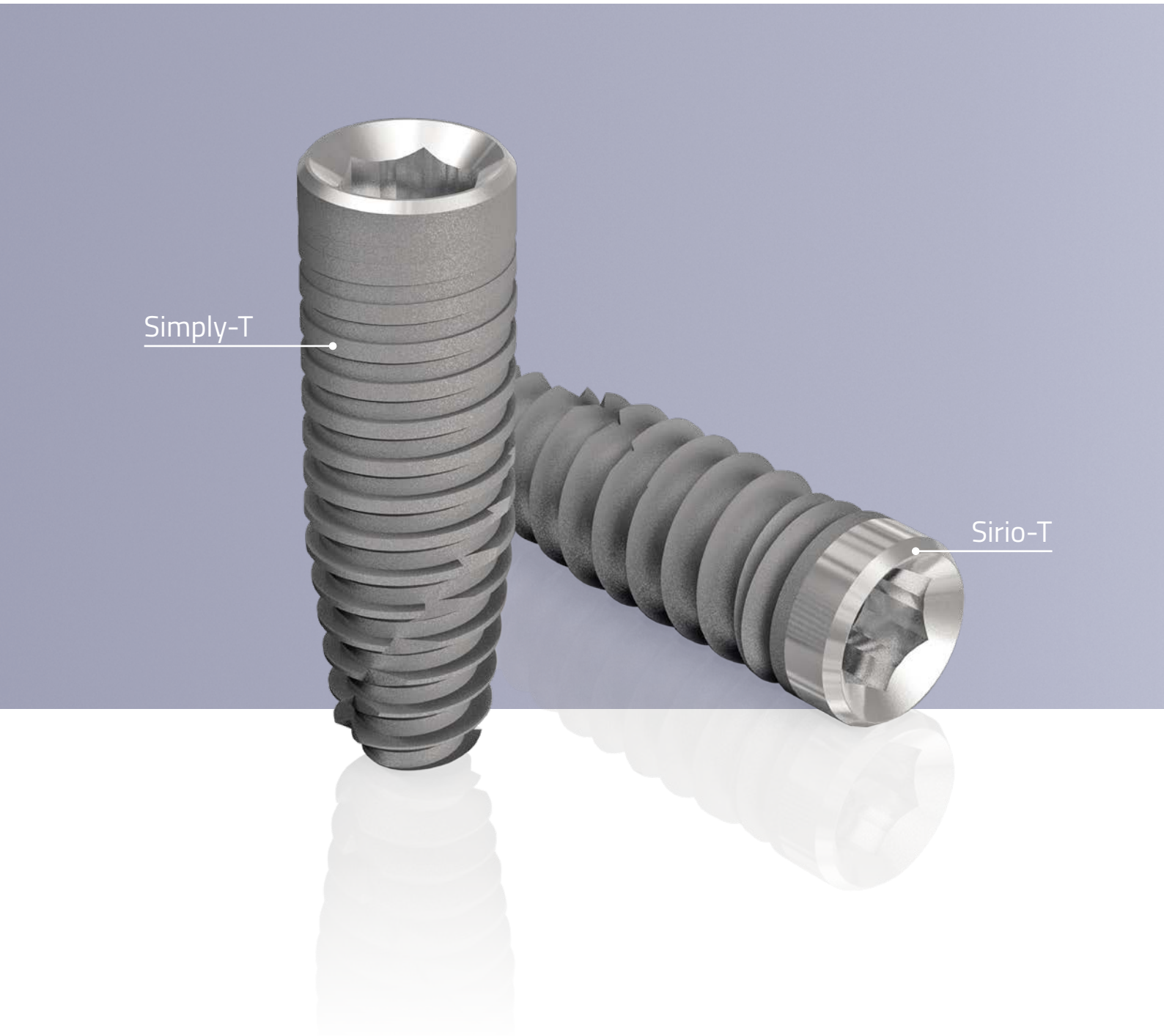
*Every platform, TIZ, NORMAL and LARGE has its connection, see page 92

Tecnomed implants tipologies legend

Implant code	Color code Ø		Connection	Implant Tipology (Coronal area)	Multitasking mount device
Tiz-T **Tiaz-T**	3,0 3,3	Tiz - Tiaz	 Int. Hex. Platform Tiz - Tiaz		 TRZI-m-T TP00Z-T
Simply-T **TIBc-T - TIBc BL-T** **Tvi PLUS-T** **Progressive-T**	3,5	Normal	 Int. Hex. Platform Normal		 TRNI-m-T
Sirio-T - Sirio-T Nasal **Simply-T** **TIDc-T - TIDc BL-T** **Progressive-T**	4,0		 Int. Hex. Platform Normal		 TRNI-m-T Only for Zygomatic implants
ZVI-SF-T Imp. zigomatico ø 4,1					
TIA-T (3,3) **TIB-T** (3,75)					
TID Short-T* **TID-T**	4,25		 Int. Hex. Platform Normal		 TP00-T
Sirio-T - Sirio-T Nasal **Simply-T** **TILc-T - TILc BL-T** **Progressive-T**	4,5		 Int. Hex. Platform Normal		 TRNI-T *For Short-T implant
Tvi PLUS-T	4,0 4,5 5,0 5,5 6,0				
Simply-T **Progressive-T**	5,0		 Int. Hex. Platform Normal		 TP00-S-T *For Short-T implant h 5 mm
TIC Short-T* **TIC-T** (5,0) **TIF-T** (5,5)	5,0				
TIG Short-T*	6,0		 Int. Hex. Platform Normal		
Sirio-T **TICc-T - TICc BL-T**	5,0	Large	 Int. Hex. Platform Large		 TRKI-m-T
TIGc-T - TIGc BL-T **Progressive-T**	6,0		 Int. Hex. Platform Large		 TP01-T

Implant code	Color code Ø		Connection	Implant Tipology (Coronal area)	Multitasking mount device
Kono s-T **Close BL-T**	3,5 4,0	Cone Morse	 **Int. hex. Cone Morse connection**	 **Kono s-T Ø3,5 Ø4**  **Close BL-T Ø3,5 Ø4**	 **TRNI-m-kono-s-T**
Kono s-T **Close BL-T**	4,5		 **Int. hex. Cone Morse connection**	 **Kono s-T**  **Close BL-T**	
Kono s-T **Close BL-T**	5,0		 **Int. hex. Cone Morse connection**	 **Kono s-T**  **Close BL-T**	 **TPK-T**
Tv-tr-PLUS-T	4,0 4,5 5,0 5,5	Normal 1,2	 **Esag. Est. Platform Normal 1,2**	 **TEDc-T Ø4 TELc-T Ø4,5**  **Tv-tr-PLUS-T Ø4 Ø4,5 Ø5 Ø5,5**  **Tv-tr-PLUS-T Pterigoideo Ø4 Ø4,5**	 **TRNE-m-1,2-T**  **TP01-T**
Tv-tr-PLUS-T Pterigoideo	4,0 4,5				
Uniko-T	3,5 4,0 4,5 5,0		 **Uniko-T**	 **Uniko-T Ø3,5 Ø4 Ø4,5 Ø5**	 **TRZU-m-T** **M1,4-L-T**
One piece					
Tz-T	2,5		 **Tz-T** **Tvm-T / Tv-T**	 **Tz-T**  **Tvm-T Ø3,5 Ø4 Ø4,5**  **Tv-T Ø3,5 Ø4 Ø4,5 Ø5**	 **RUNC-T** Transfer cap for Tvm-T and Tv-T
Tvm-T	3,5 4,0 4,5				
Tv-T	3,5 4,0 4,5 5,0				
Over-denture					
Tz_EP-T	2,5		 **TZ_EP-T**  **TZP-T**	 **TZ_EP-T**  **TZP-T**	 Pink cap Ø 1,8 mm for **TZ_EP-T**  Orange cap Ø 2,2 mm for **TZP-T**
TZP-T	2,5				

HIBRYD CONTOUR IMPLANTS



TECNOMED
ADVANCED IMPLANT TECHNOLOGY

SIMPLY-T IMPLANT

TIPOLOGY Less traumatic surgeries for your patients, in comparison with purely conical implants. Simply-T offers great results both in upper and lower jaw, and it's particularly fitted for D1 and D2 bone classes.

SURGERY Easy and fast insertion due to its shape and precisely calibrated drills, Simply-T "simplifies" the dentist's job, while adapting to all surgery protocols thanks to a wide range of measures available.

PROSHETICS We offer a wide range of abutments, having taken into consideration every possible situation and shape and every need of the dental technicians, keeping the same prosthetic abutment for all the diameters.

1 **SWITCHING PLATFORM**
- Expanded contact area between implant surface and abutment
- Enhances the healing process of the gums
- Single prosthetic connection for every diameter with int. hex.

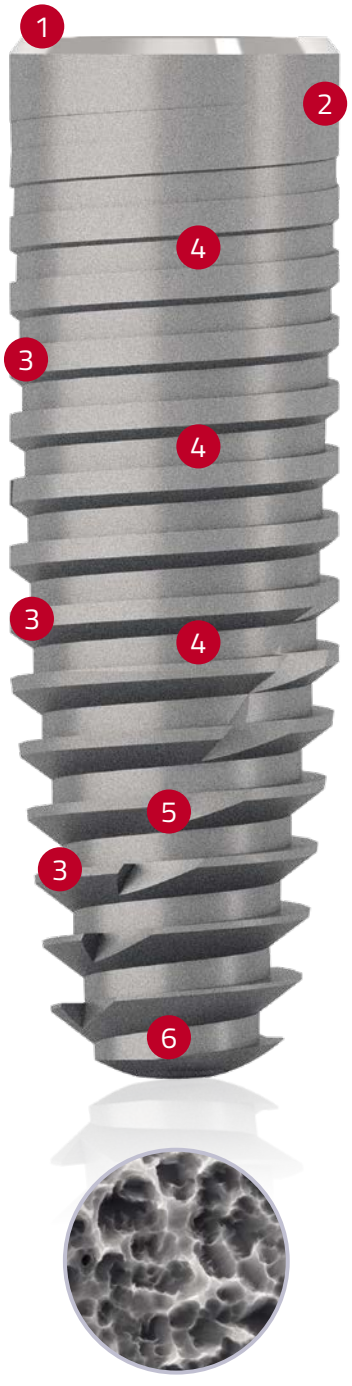
2 **MACHINED NECK WITHOUT MICROTHREAD**
- Eases implant insertion without the need for crestal tapers
- Reduces the surgical stress on the cortical bone

3 **PROGRESSIVE THREAD**
- Cutting edge apex, 2nd and 3rd coronal compacting
- Reduces the invasiveness for a better contact with the alveolar bone
- Enhances the osseointegrative response (B.I.C.)

4 **ANATOMICAL DESIGN, HYBRID CONTOUR STRUCTURE**
- Brand new morphology, perfectly suited to obtain primary and secondary stability
- Load distribution on all the implant body

5 **SELF TAPING SYSTEM**
- Self taping
- Self drilling

6 **ATRAUMATIC PENETRATING APEX**
- Allows the implant to penetrate under prepared sockets
- Helps to lift the membrane of the sinus
- Avoids the risk of perforation

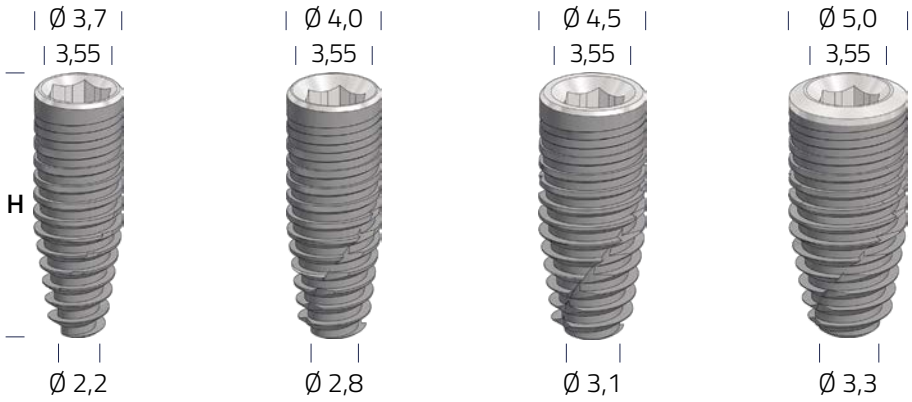


ACID ETCHED
SURFACE

Simply-T

Hybrid contour internal hexagon implants

Codes and measurements



H	Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0
8,5 mm	SIMPLY 3,5-8,5	SIMPLY 4-8,5	SIMPLY 4,5-8,5	SIMPLY 5-8,5
10,0 mm	SIMPLY 3,5-10	SIMPLY 4-10	SIMPLY 4,5-10	SIMPLY 5-10
11,5 mm	SIMPLY 3,5-11,5	SIMPLY 4-11,5	SIMPLY 4,5-11,5	SIMPLY 5-11,5
13,0 mm	SIMPLY 3,5-13	SIMPLY 4-13	SIMPLY 4,5-13	SIMPLY 5-13
14,5 mm	SIMPLY 3,5-14,5	SIMPLY 4-14,5	SIMPLY 4,5-14,5	-
Platform	Normal	Normal	Normal	Normal

A version of this implant with a transmucosal machined 1,3 mm collar is available on request

A full machined version of this implant is available on request

Kits and instruments pag. 66
Prostethic components pag. 91

SIRIO-T IMPLANT

TIPOLOGY Sirio-T design allows an excellent primary stability in soft or low quality bone (D3-D4). Thanks to its revolutionary thread, Sirio-T can advance through the bone, while compacting it.

SURGERY The transmucosal machined cervical area simplifies the use of this implant in post extraction sockets.

ADVANCED The proper implant for total or partial edentulous patients, and sinus lift interventions.

1 **SWITCHING PLATFORM**
- Optimal prostethic choices, respecting the parallelism
- Widen contact area between implant surface and abutment
- Internal NORMAL connection 4 and 4,5 mm diam.
- Internal LARGE connection for molar region 5 mm diam.

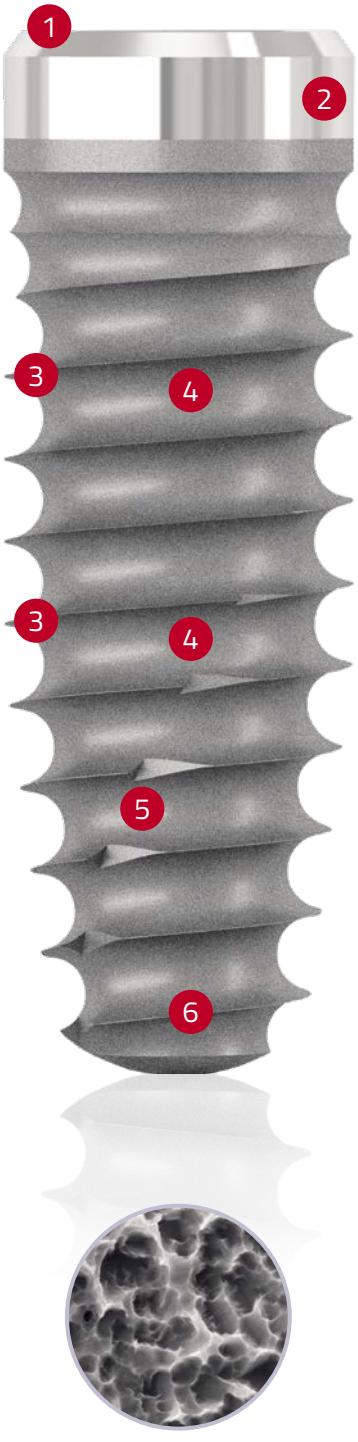
2 **TRANSMUCOSAL MACHINED COLLAR**
- Maximum support for soft tissues
- Standard height 1,3 mm
- Lower crestal reabsorption in post extractive sockets
- Better hygienic management even in case of peri-implantitis

3 **SHARP EDGE THREAD**
- Sharper screw and deeper thread
- Condensing the bone while fastening
- High primary stability

4 **ANATOMICAL DESIGN AND CYLINDRICAL-CONICAL STRUCTURE**
- Brand new morphology, perfectly suited to obtain primary stability
- Under-osteotomy sequence, using calibrated drills with stopper

5 **SELF TAPING SYSTEM**
- Self taping
- Self drilling

6 **ATRAUMATIC PENETRATING APEX**
- Allows the implant to penetrate under prepared sockets
- Helps to lift the membrane of the sinus
- Avoids the risk of perforation

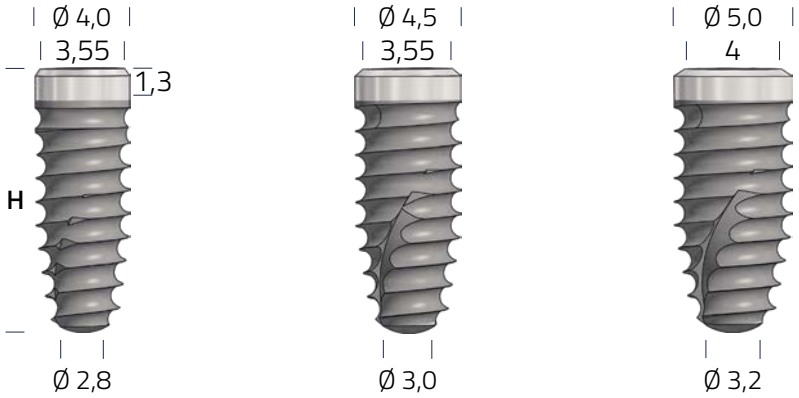


ACID ETCHED
SURFACE

Sirio-T

Hybrid contour internal hexagon implants

Codes and measurements



H	Ø 4,0	Ø 4,5	Ø 5,0
8,5 mm	SIRIO 4-8,5	SIRIO 4,5-8,5	SIRIO 5-8,5
10,0 mm	SIRIO 4-10	SIRIO 4,5-10	SIRIO 5-10
11,5 mm	SIRIO 4-11,5	SIRIO 4,5-11,5	SIRIO 5-11,5
13,0 mm	SIRIO 4-13	SIRIO 4,5-13	SIRIO 5-13
14,5 mm	SIRIO 4-14,5	SIRIO 4,5-14,5	-
Platform	Normal	Normal	Large

A full machined version of this implant is available on request

Kits and instruments pag. 66
Prosthetic components pag. 91

Normal

Large

Surgical protocol Simply-T implants

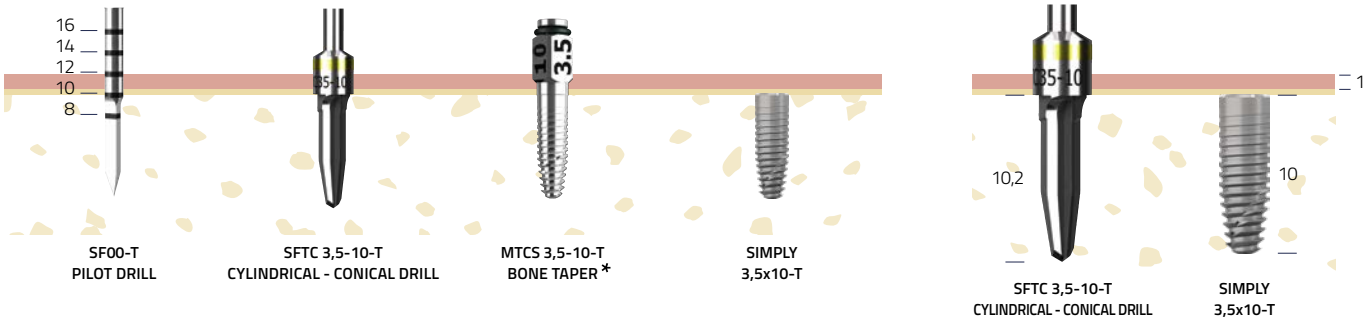
Kits and instruments pag. 66

Atraumatic osteotomy sequence in compact bone (D1/D2)

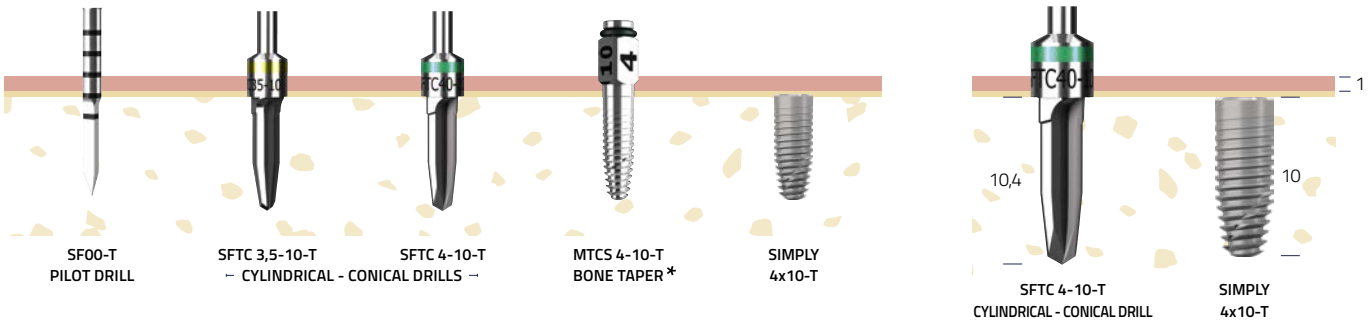
Simply-T implant it's easier to insert than other traditional implants. The initial stability is fast to achieve and a good preparation of the implant site is accomplished through a procedure that takes advantage of the gradual drilling. All the drillings has to be conduct under an abundant external irrigation with sterile solution. Besides, it has to be used a discontinuous drilling technique, in order to avoid the heating of the bone.
***Bone taper required in truly compact bone**

Intervention example with 10mm length implant, positioned at crestal level.
Surgical drills are longer than the implants, the colored insert indicates diameter.

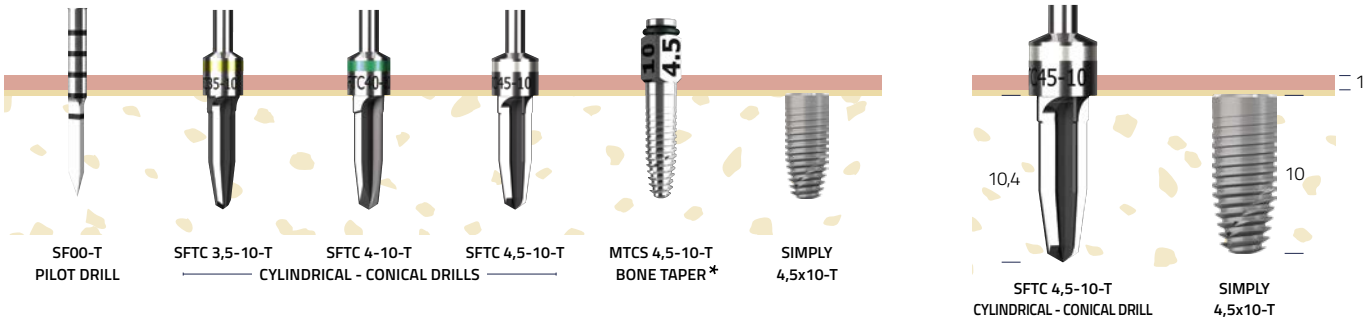
Simply-T implant Ø 3,5 h 10 — D1/D2 bone



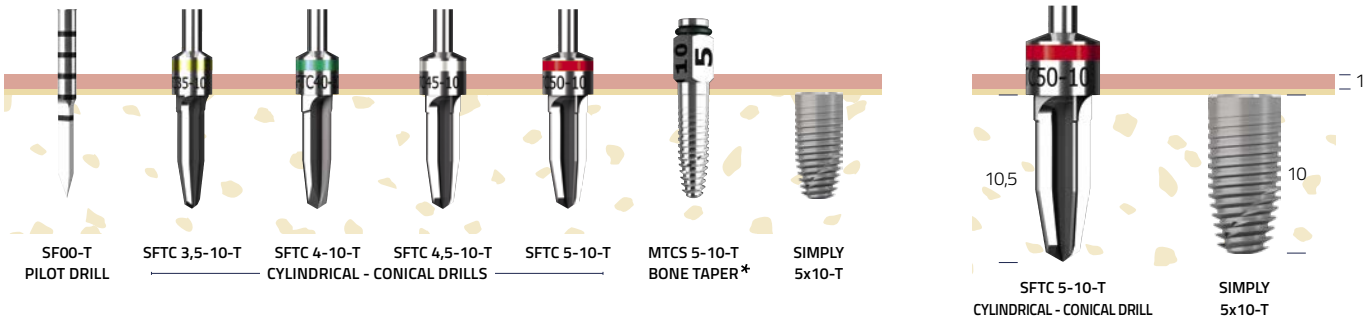
Simply-T implant Ø 4,0 h 10 — D1/D2 bone



Simply-T implant Ø 4,5 h 10 — D1/D2 bone



Simply-T implant Ø 5,0 h 10 — D1/D2 bone



Surgical protocol Sirio-T implants

Kits and instruments pag. 66

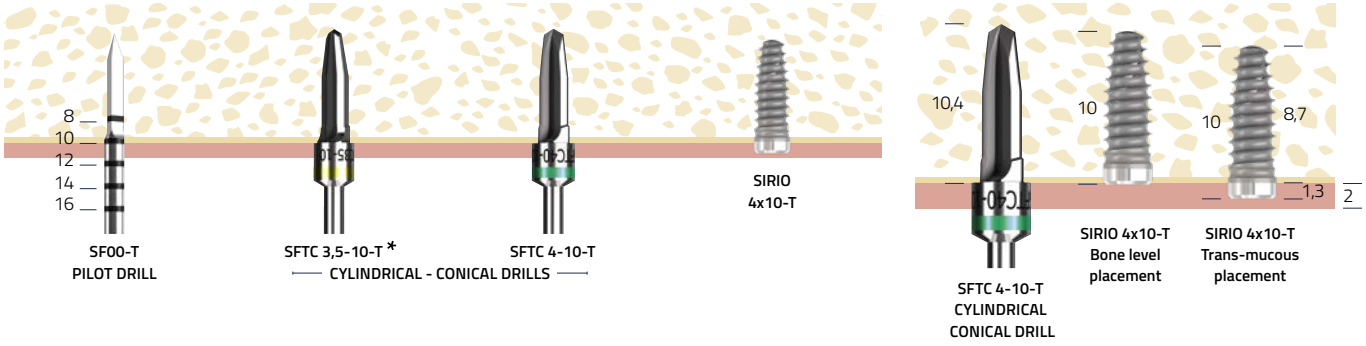
Simplified osteotomy sequence in soft bone (D3/D4)

Sirio-T implants do not require a peculiar insertion protocol. At the discretion of the practitioner, osteotomy is carried on more or less underprepared, according to the bone quality, to achieve the initial desired stability.

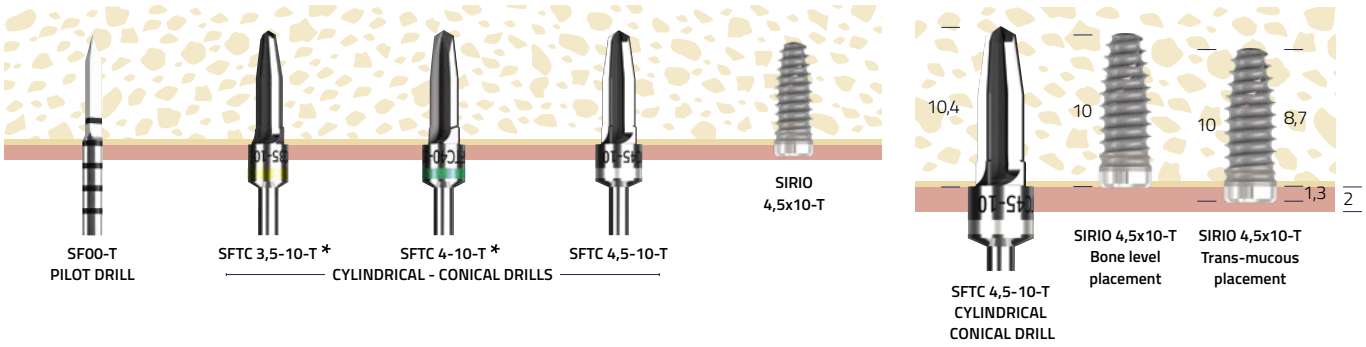
*Every diameter can be positioned with an intermediate drill in D4 bone, without bone tapers, achieving the optimal primary stability. Transmucosal 1,3 mm collar is employed at the contact with the bone or with soft tissues.

Intervention example with 10mm length implant, positioned transmucosal with 2 mm soft tissue.
Surgical drills are longer than the implants, the colored insert indicates the diameter.

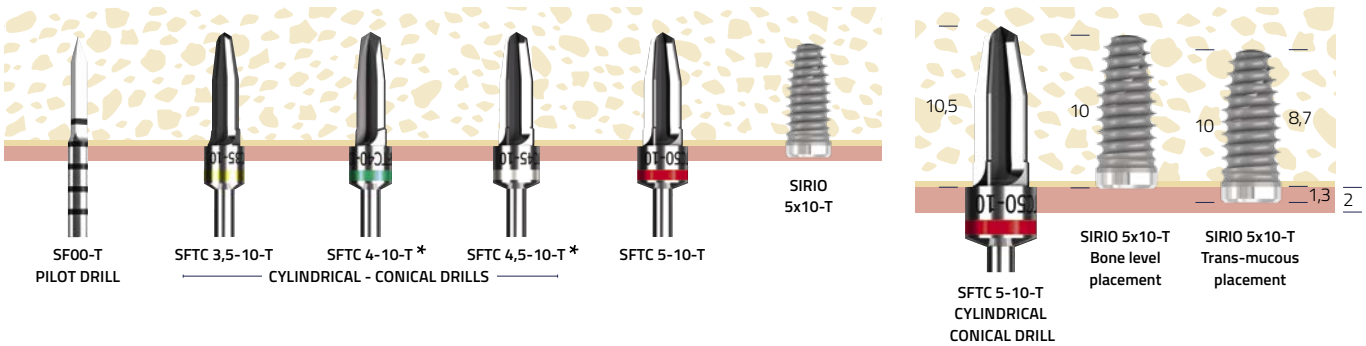
Sirio-T implant Ø 4,0 h 10 — D3/D4 bone



Sirio-T implant Ø 4,5 h 10 — D3/D4 bone



Sirio-T implant Ø 5,0 h 10 — D3/D4 bone

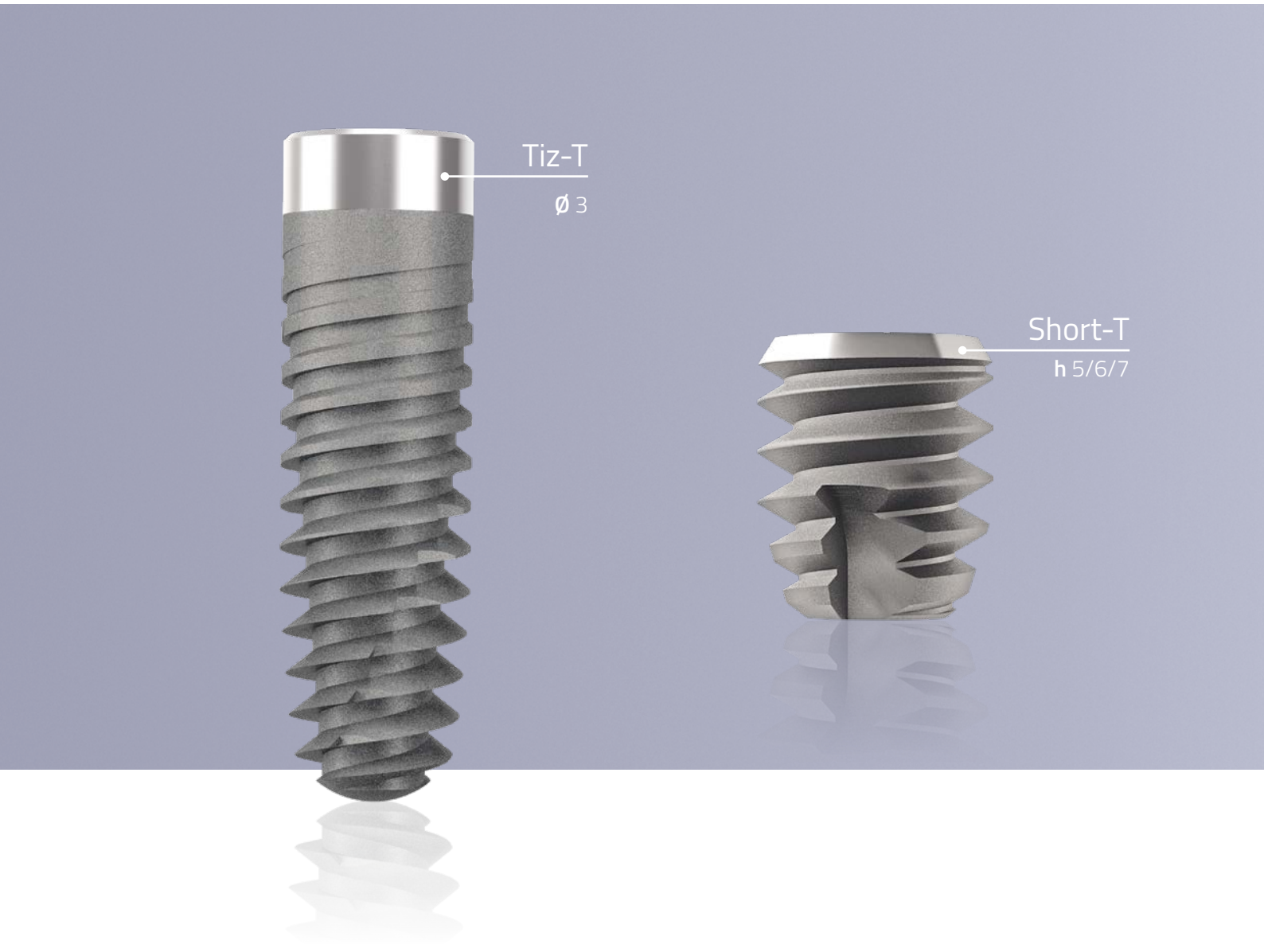


The improved design of the drills with stopper is the secret weapon for a safe and intuitive bone preparation. Another peculiar feature is the recovery of the bone during the drilling action, that can be used for bone regeneration (as autologous bone graft). Thus, it is important to clean the cavity of the drill to ensure an optimal cutting during the preparation of the implant site. They're equipped with a color marking that refer to the diameter of the implant.

* Protocols and sequences are just suggested with an illustrative purpose. It's up to the surgeon to select the best surgical option for the anatomy of the patient.

Gum Cortical bone Medullary bone

ATROPHIC BONE IMPLANTS



TECNOMED
ADVANCED IMPLANT TECHNOLOGY

SHORT-T IMPLANT

TIPOLOGY Short-T Implant system has been developed upon engineering principles that allow the employment of reduced height implants in every bone class. They can be often placed where longer implants cannot be positioned.

SURGERY Short-T Implants ensure a good safety margin during surgery, avoiding to approach some critical anatomic structures such as mandibular nerve and maxilla sinus.

BENEFITS Sinus lifts and bone graft protocols will be reduced to the minimum, and also the healing process between the two surgery phases will be significantly briefer, with a decisive cut of the surgery related costs.

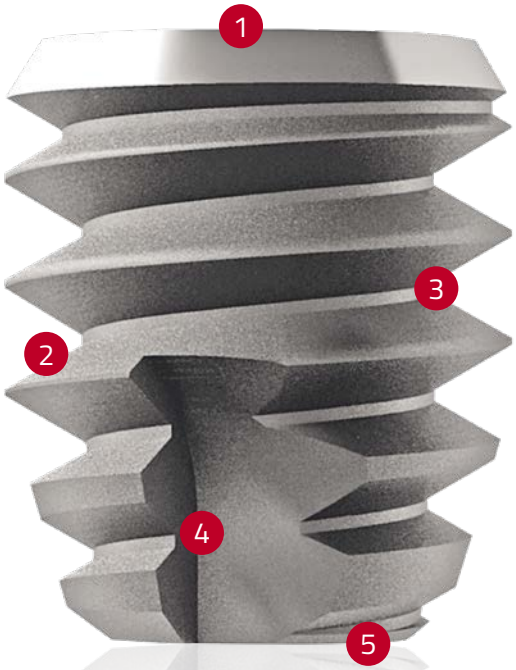
1 **SWITCHING PLATFORM**
- Preservation of the crestal bone
- Widen contact area between implant surface and abutment
- Single prosthetic connection for all internal hexagon diameters

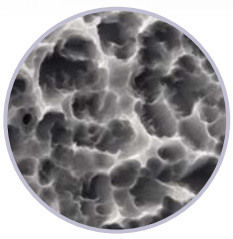
2 **WIDEN THREADS**
- Maximum contact between implant and bone
- Better osteointegration
- Double-angled threads
- Optimal primary stability

3 **MORPHOLOGY**
- Cylindrical shape
- Optimal adherence implant-bone
- Semplified osteotomy sequence with calibrated drills equipped with stopper
- Ideal choice in molar region with little residual bone

4 **LONGITUDINAL CUTS**
- Enhance the progress
- Ease the repositioning of the bone during the insertion
- Ensure anti-rotation during the second stage of the surgery

5 **FLATTENED APEX**
- Reduces to the minimum the vertical size
- Exploits the entire length of the implant as a contact surface with the bone tissue



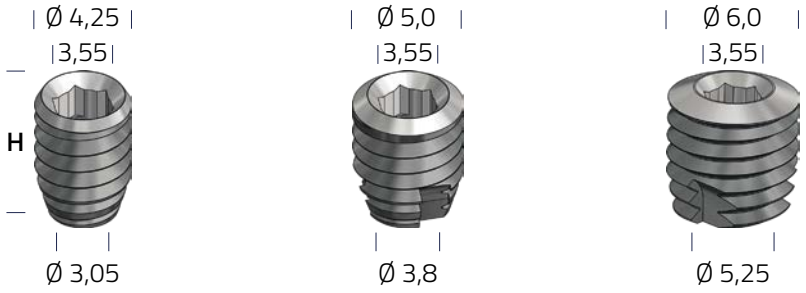


ACID ETCHED
SURFACE

Short-T

Internal hexagon Short-T implants

Measurements and codes



H	Ø 4,25 ■	Ø 5,0 ■	Ø 6,0 ■
5,0 mm	SHORT 4,25-5	SHORT 5-5	SHORT 6-5
6,0 mm	SHORT 4,25-6	SHORT 5-6	SHORT 6-6
7,0 mm	SHORT 4,25-7	SHORT 5-7	SHORT 6-7
Platform	Normal	Normal	Normal

Kits and instruments pag. 68
Prostethic components pag. 91

TIZ-T IMPLANT

TIPOLOGY Tiz-T implant has an endosseous diameter of 3 mm only, and the implant surface is acid etched up to the 1,3 mm machined collar.

SURGERY The limited diameter of this implant and its sharp thread make it particularly suited for surgeries on narrow bone crests or rehabilitation of single elements on a thin alveolar crest. It is also suited for those situations in which it is preferrable to avoid bone graft techniques or orthodontics movements.

PROSTHETICS Tiz-T is not recommended for immediate loading, except for groups of at least four elements, 13 mm long, and exclusively in mandibular region.

1 **REDUCED PROSTHETIC CONNECTION**
- Helps the Clinician in narrow interdental spaces (lateral agenesis, lower incisors)
- Internal hexagon diam. 2,2 mm

2 **MACHINED COLLAR**
- Optimal support in soft and hard tissues
- Standard height, 1,3 mm
- Prevents reabsorption of the crestal bone

3 **HYBRID CONTOUR MORPHOLOGY**
- Allows an atraumatic osteotomy with a single drill
- Adapts to traditional split crest techniques and piezo surgery

4 **PROGRESSIVE THREAD**
- Third apical more aggressive
- Macro-threaded body with 0,95 mm deepness for a spongy medullary engage
- Third coronal with atraumatic thread in the cortical bone

5 **SELF TAPING SYSTEM**
- Triple decompression incision on the entire surface
- Self Taping

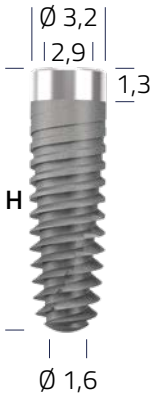
6 **ATRAUMATIC ROUNDED TIP**
- Better engage on the osteotomy
- Allows the implant to penetrate in under prepared sites

ACID ETCHED
SURFACE

Tiz-T

Internal hexagon Tiz-T implants

Measurements and codes



H	Ø 3,0
10,0 mm	TIZ-10
11,5 mm	TIZ-11,5
13,0 mm	TIZ-13
14,5 mm	TIZ-14,5
Platform	Tiz

Kits and instruments pag. 68
Prostethic components pag. 91

Surgical protocol Short-T implants

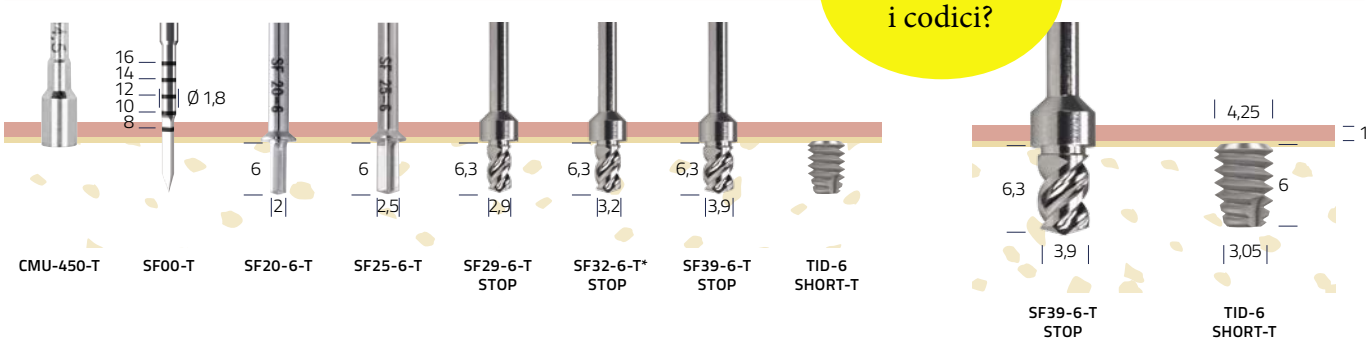
Kits and instruments pag. 68

Surgical sequence for D1/D2 or D3/D4 bone

For the less invasive flap-less technique, we recommend the use of the handpiece punch CMU-450-T. To achieve a good Short-T implant site preparation we suggest a procedure that take advantage of a gradual drilling. The first osteotomy step has to be carried out under a good irrigation with sterile solution. Besides, it has to be used a discontinuous drilling technique, in order to avoid the heating of the bone.
The design of the drills with stopper is a warranty for a safe and intuitive bone preparation. It is recommended to work at high number of rounds, for an optimal preparation in D1 and D2 bone.

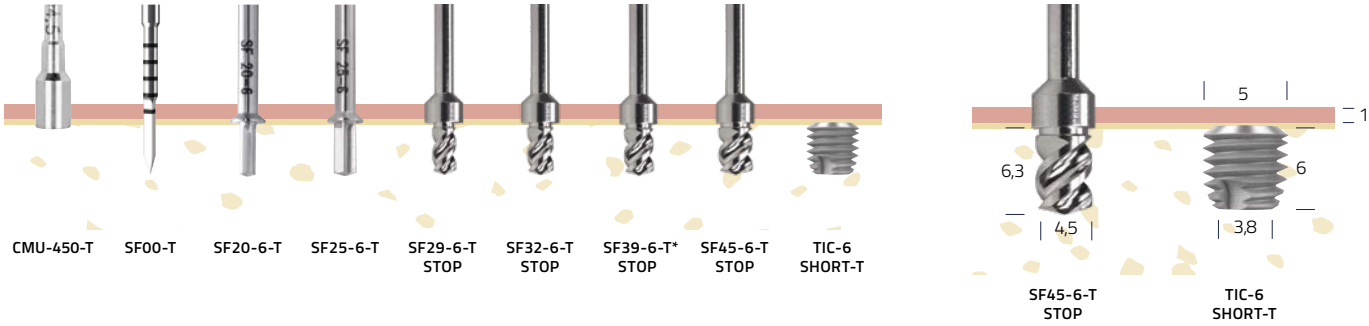
Vanno bene così i codici?

Bone level Short-T implant Ø 4,25 h 6 mm — **D1/D2 bone**



*Short-T implants can be placed with an intermediate drill in D3-D4 bone, achieving a good primary stability.

Bone level Short-T implant Ø 5 h 6 mm — **D1/D2 bone**



*Short-T implants can be placed with an intermediate drill in D3-D4 bone, achieving a good primary stability.

Protocols and sequences are just suggested with an illustrative purpose. It's up to the surgeon to select the best surgical option for the anatomy of the patient.

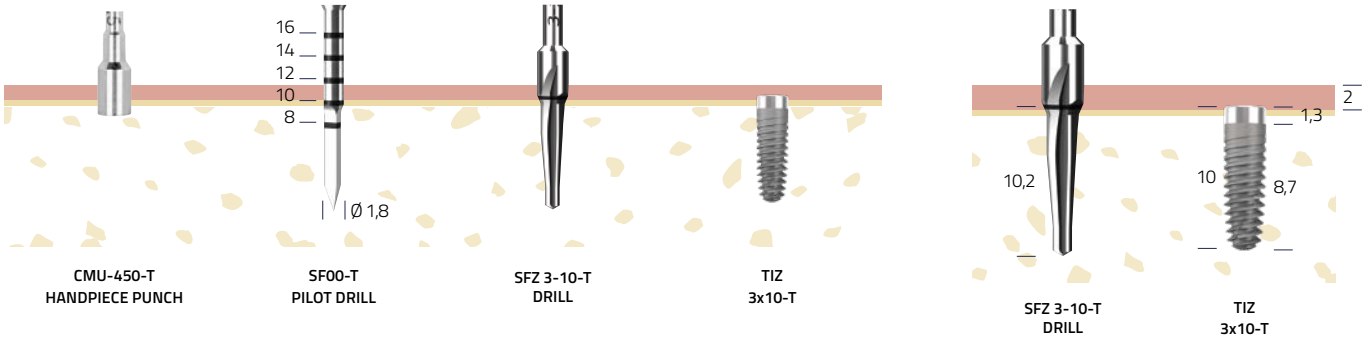
Surgical protocol Tiz-T implants

Kits and instruments pag. 68

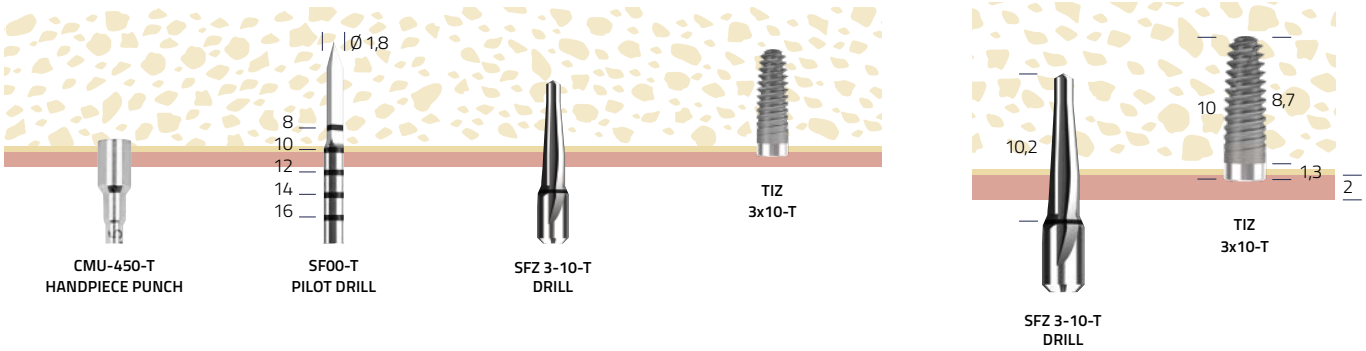
Sequence for mandibular bone D1/D2 and maxillary bone D3/D4

For the less invasive flap-less technique, we recommend the use of the handpiece punch CMU-450-T and then, in order to create a track for the subsequent drill on the cortical, the pilot drill SF-00-T with depth markings. This way, it is easier to prepare a good entry point, thanks to the perfect centering and stability during the drilling.
The final drill SFZ 3-T set up an adequate countersink on the osteotomy, at crestal bone level. It should be used for its entire length, in a hard bone, while only for half its length, in case of soft bone.

Tiz-T implant Ø 3,0 h 10 mm — D1/D2 bone



Tiz-T implant Ø 3,0 h 10 mm — D3/D4 bone

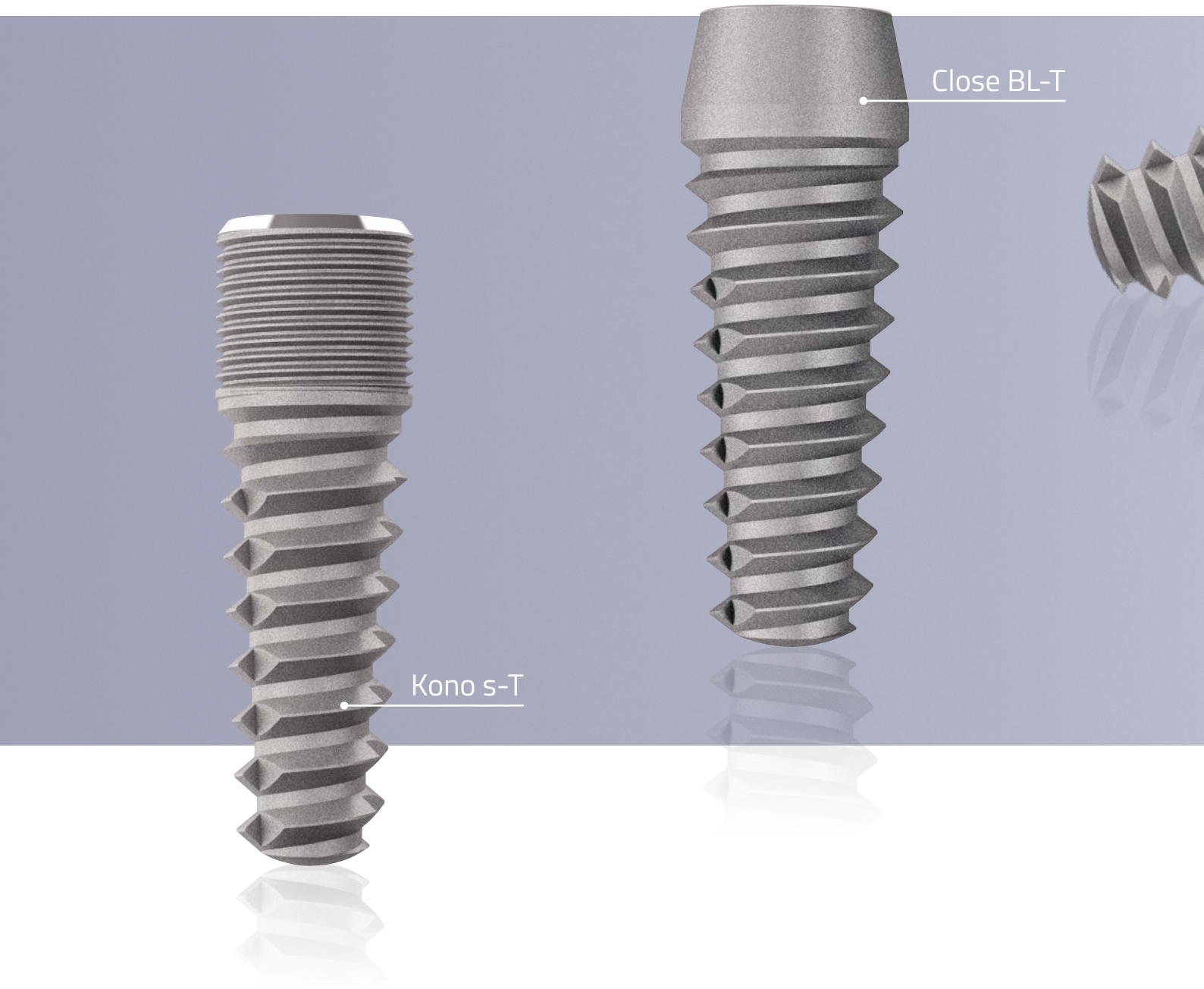


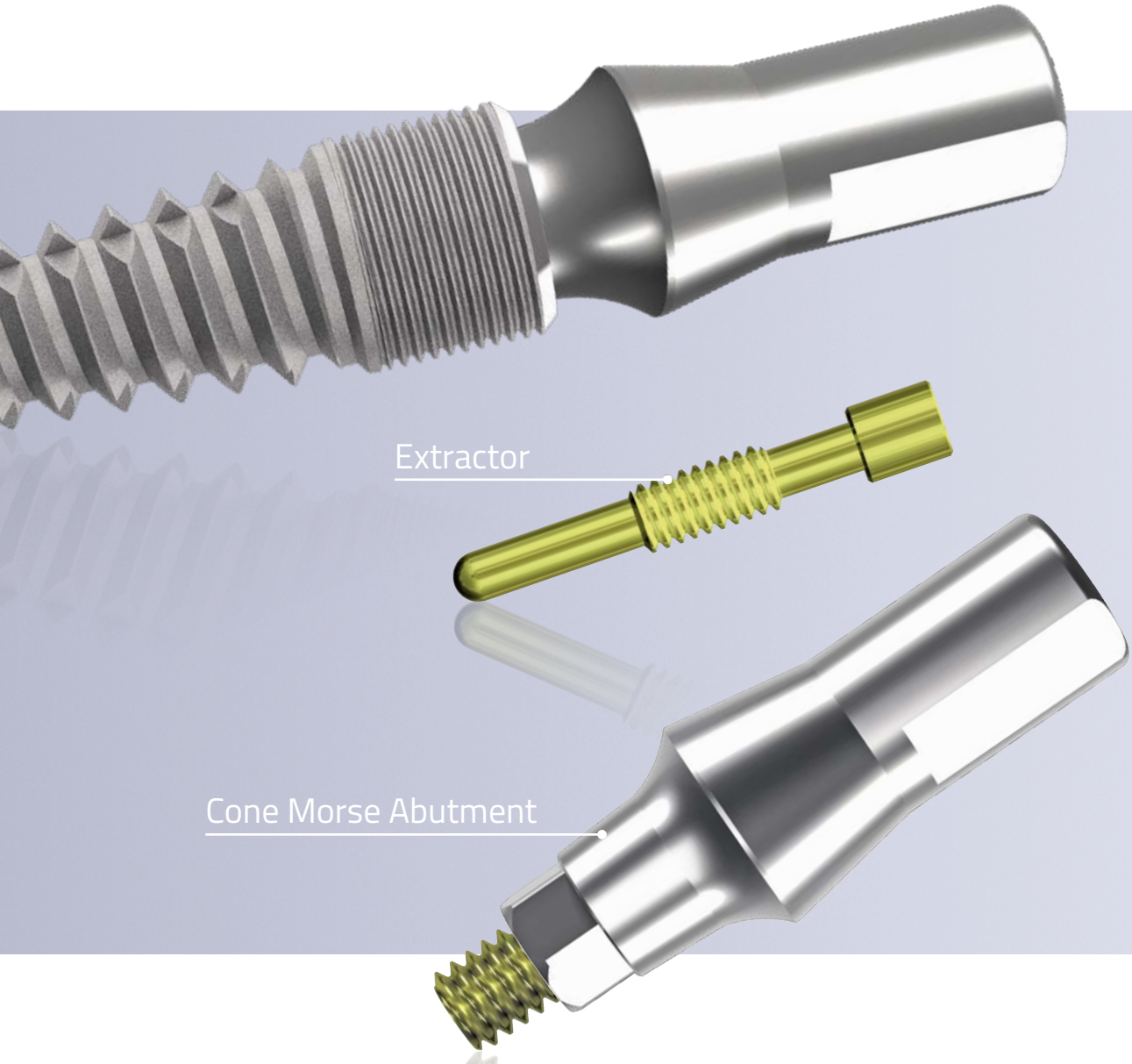
It is possible to place Tiz-T implants even with the expanders kit.
With soft D3/D4 bone the use of first expander, cod. 0041-T, is recommended.
In truly compact bone it is also suggested the use of second expander, cod. 0041/A-T.
For kit and instruments, see page 46.

Protocols and sequences are just suggested with an illustrative purpose. It's up to the surgeon to select the best surgical option for the anatomy of the patient.

Gum Cortical bone Medullary bone

CONE MORSE CONNECTION IMPLANTS





KONO-S-T and CLOSE BL-T IMPLANTS

TIPOLOGY The two implant systems are suited in every bone class, with a conical-root shape. Their major peculiarity is the strong mechanical connection, achieved through the friction between implant and abutment surfaces with Cone Morse connection.

CONNECTION Cone Morse internal hexagon with fastening screw. Stable and air-tight, it avoids any kind of micro-movement, no matter the diameter of the implant.

SURGERY KONO-S-T neck is optimal for a crestal level surgery, while CLOSE BL-T eases the clinician's work in esthetic regions, allowing a sub-crestal surgery.

1 **PLATFORM SWITCHING**
- Preservation of the biological space
- Use of the gingival margin against infiltration
- Preservation of the bone level

2 **INTERNAL CONE MORSE CONNECTION 5°**
- Cold welding, total connection between implant and abutment
- Eliminates micro-movements
- Avoids the unscrewing of the prothesic fastening screw
- It does not bare any load, therefore it does not risk any rupture
- Optimal hexagon height
- Easy to collect the impression in every condition
- Warranty against the rotation of the abutment

3 **HYBRID THREADED-MACHINED NECK**
- Optimal engagement with the bone
- Cortical bone preservation
- Effective bio-mechanical behavior

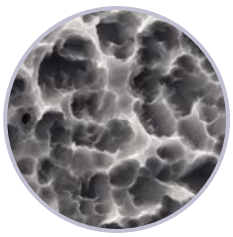
4 **TRIPLE DECOMPRESSION INCISION**
- Enables clot outflow and avoids the rotation of the implant in the second phase surgery

5 **OSTEO-CONDUCTIVE TREATED NECK, WITH INVERTED CONICITY (CLOSE BL-T)**
- Cortical bone preservation
- Alveolar bone management

6 **CONICAL BODY AND MACRO-THREAD**
- Enhances the possibility of an expansion in soft bone
- Compacts the bone
- Imitates dental roots

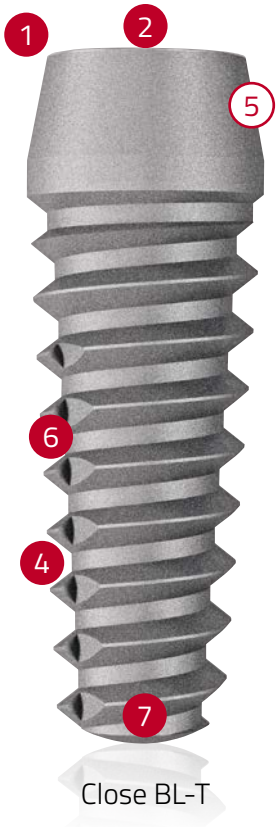
7 **ATRAUMATIC PENETRATING APEX**
- Allows the implant to penetrate minimally prepared sites
- Helps lifting the sinus maxillary membrane
- Avoids perforation risks

Kits and instruments pag. 70
Prosthetic components pag. 91



ACID ETCHED
S U R F A C E

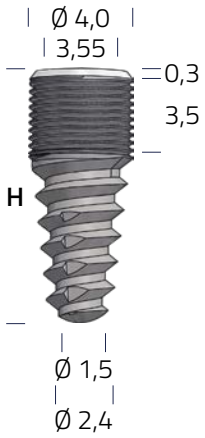
Kono s-T

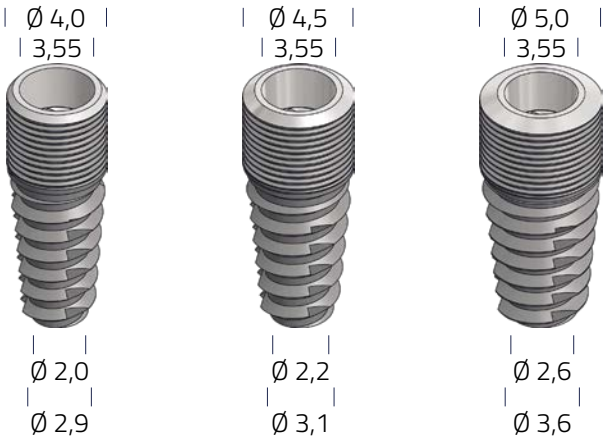


Close BL-T

Kono s-T Internal hexagon, Cone Morse connection implants with medium thread

Measurement and codes



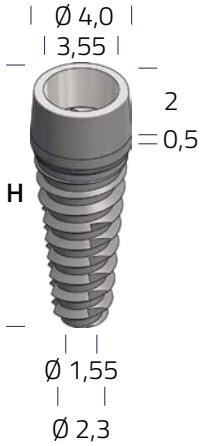


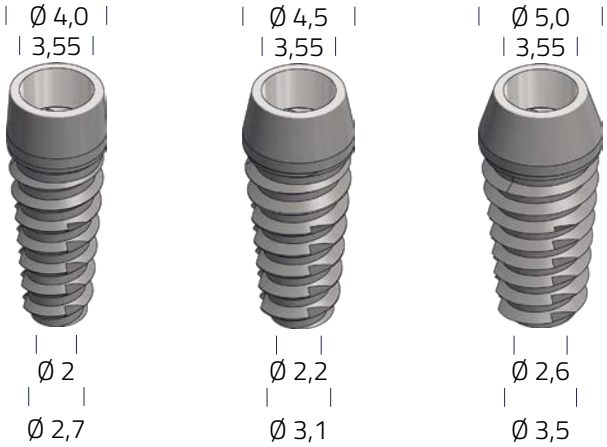
H	Ø 3,5	H	Ø 4,0	Ø 4,5	Ø 5,0
10,0 mm	TIBc-10-kono s	8,5		TILc-8,5-kono s	TICc-8,5-kono s
11,0 mm	TIBc-11-kono s	1(		TILc-10-kono s	TICc-10-kono s
12,0 mm	TIBc-12-kono s			c-11,5-kono s	TICc-11,5-kono s
14,0 mm	TIBc-14-kono s			Lc-13-kono s	TICc-13-kono s
16,0 mm	TIBc-16-kono s			c-14,5-kono s	-
Connection	Cone Morse	Con		Cone Morse	Cone Morse

Modificare anche questi?

Close BL-T Cone Morse connection imp[illegible]/internal hexagon

Measurement and codes





H	Ø 3,5	H	Ø 4,0	Ø 4,5	Ø 5,0
10,0 mm	CLOSE 3,5-10-BL	8,5 mm	CLOSE 4-8,5-BL	CLOSE 4,5-8,5-BL	CLOSE 5-8,5-BL
11,0 mm	CLOSE 3,5-11-BL	10,0 mm	CLOSE 4-10-BL	CLOSE 4,5-10-BL	CLOSE 5-10-BL
12,0 mm	CLOSE 3,5-12-BL	11,5 mm	CLOSE 4-11,5-BL	CLOSE 4,5-11,5-BL	CLOSE 5-11,5-BL
14,0 mm	CLOSE 3,5-14-BL	13,0 mm	CLOSE 4-13-BL	CLOSE 4,5-13-BL	CLOSE 5-13-BL
16,0 mm	CLOSE 3,5-16-BL	14,5 mm	CLOSE 4-14,5-BL	CLOSE 4,5-14,5-BL	-
Connection	Cone Morse	Connection	Cone Morse	Cone Morse	Cone Morse

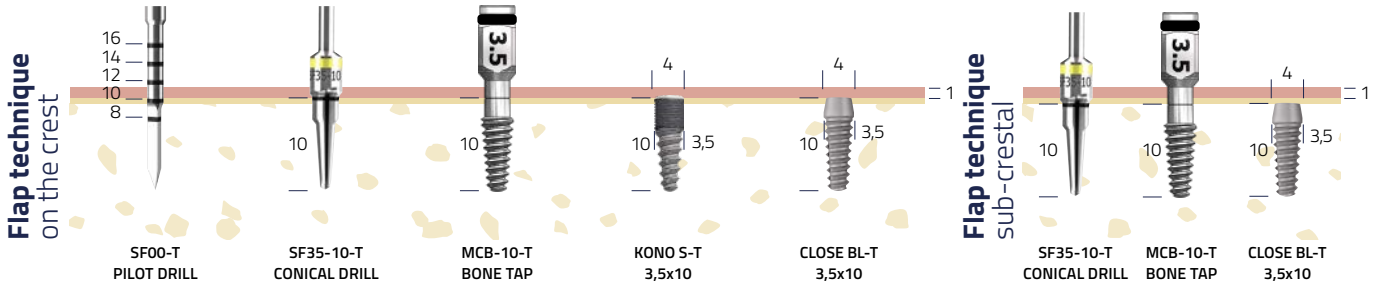
Surgical protocol Kono s-T and Close BL-T implants

Kits and instruments pag. 70

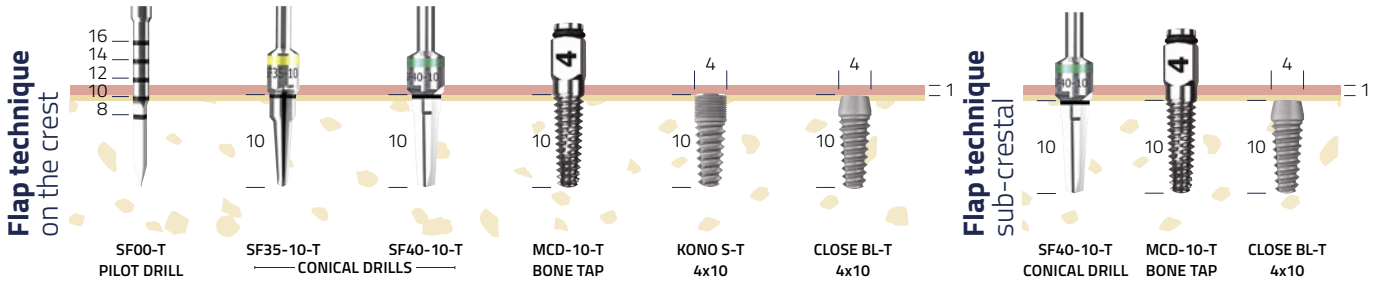
Surgical sequence for D1/D2 or D3/D4 bone

With the same drill set, the Practitioner can choose to work with Kono s-T or Close BL-T for a crestal positioning. The drill longer than the implant it's useful for the sub crestal technique with Close BL-T.
On a mandibular compact bone it is recommended a gradual drilling and the use of a bone tap, while on maxillary D3/D4 bone it is recommended to carry out more or less under prepared osteotomy, depending on the quality of the bone, to reach the desired initial stability.
In sub crestal technique, even with post extractive implants, to achieve an optimal healing of the bone on the neck of the implant it is recommended to use a drill 1mm longer than the implant.

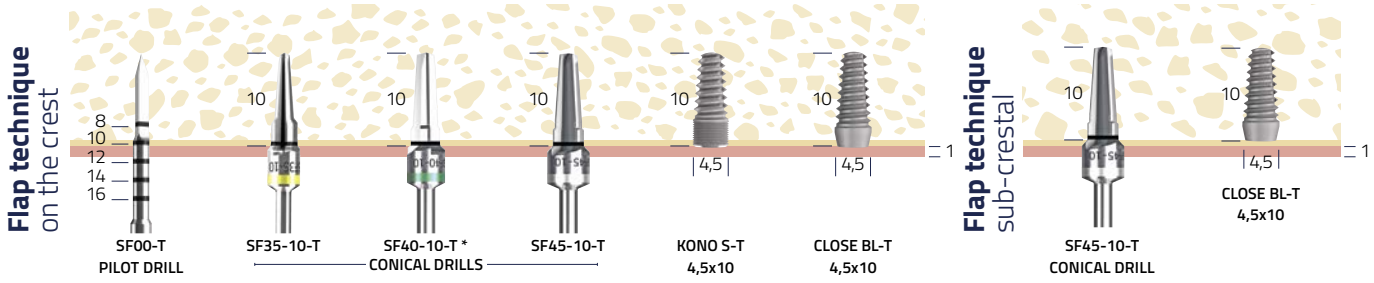
Kono s-T and Close BL-T with Cone Morse connection Ø 3,5 h 10 — D1/D2 bone



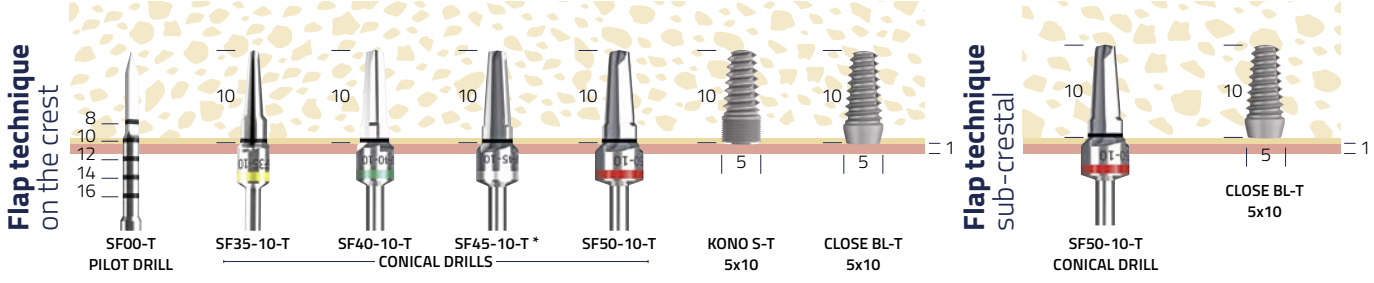
Kono s-T and Close BL-T with Cone Morse connection Ø 4,0 h 10 — D1/D2 bone



Kono s-T and Close BL-T with Cone Morse connection Ø 4,5 h 10 — D3/D4 bone



Kono s-T and Close BL-T with Cone Morse connection Ø 5,0 h 10 — D3/D4 bone



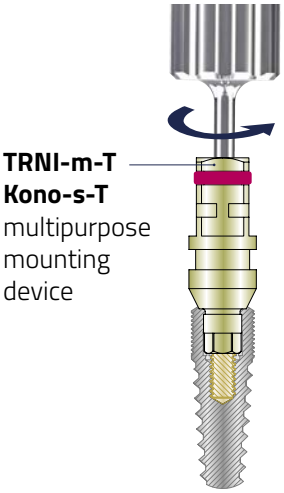
Protocols and sequences are just suggested with an illustrative purpose. It's up to the surgeon to select the best surgical option for the anatomy of the patient.
* On D3-D4 bone intermediate drills must be employed.

Gum Cortical bone Medullary bone

Technical unblocking sequence for Cone Morse connection

UNBLOCKING PROCEDURE, SURGICAL STAGE

During the implant insertion, remove the inactive mount with SKI-10/13R-T digital driver and perform the positioning with PI-T driver. His full body hexagon head allows him to submit really strong fastening forces to the implant. When the implant is inserted by ¾ of its length in surgical site, remove the mount with its fastening screw and insert the hexagonal connector directly on the implant: then, continue the fastening of the implant with the ratchet wrench.

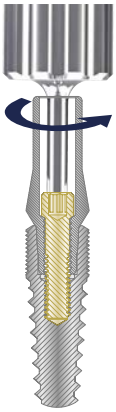


TRNI-m-T
Kono-s-T
multipurpose mounting device

PI-T - Driver for internal hexagon implants

UNBLOCKING PROCEDURE, PROSTHETICAL STAGE

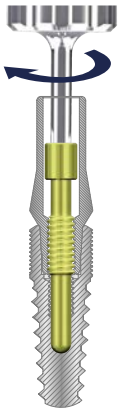
When two conical surfaces connect one with each other, their friction give birth to a clamp effect and the two elements (implant and abutment) are blocked among themselves. This effect can be nullified using the extractor.



1

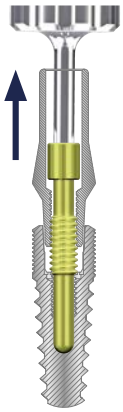
Unscrew prosthetic screw TPK-T with hexagonal digital driver SKI-10/13R-T

Cone Morse extractor
ES-00-T



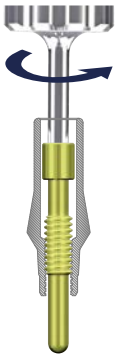
2

Insert the extractor inside the abutment using SKI-10/13R-T



3

Fasten until the extraction of the abutment



4

Once the abutment has been extracted, unscrew the extractor

USEFUL PROSTHETIC INSTRUMENTS

ST-D-00-T
Torque wrench, adjustable (from 15 to 35 NW)

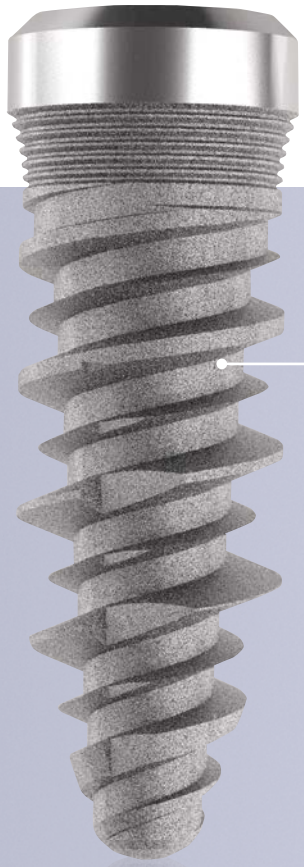
SKI-N-T
Insert for Torque wrench

DCD-T
Driver for straight and ball (Ø 2,2 mm) abutments

SKI-10 / SKI-13R-T
Digital drivers for fastening screws with hexagonal tip (1,28 mm)

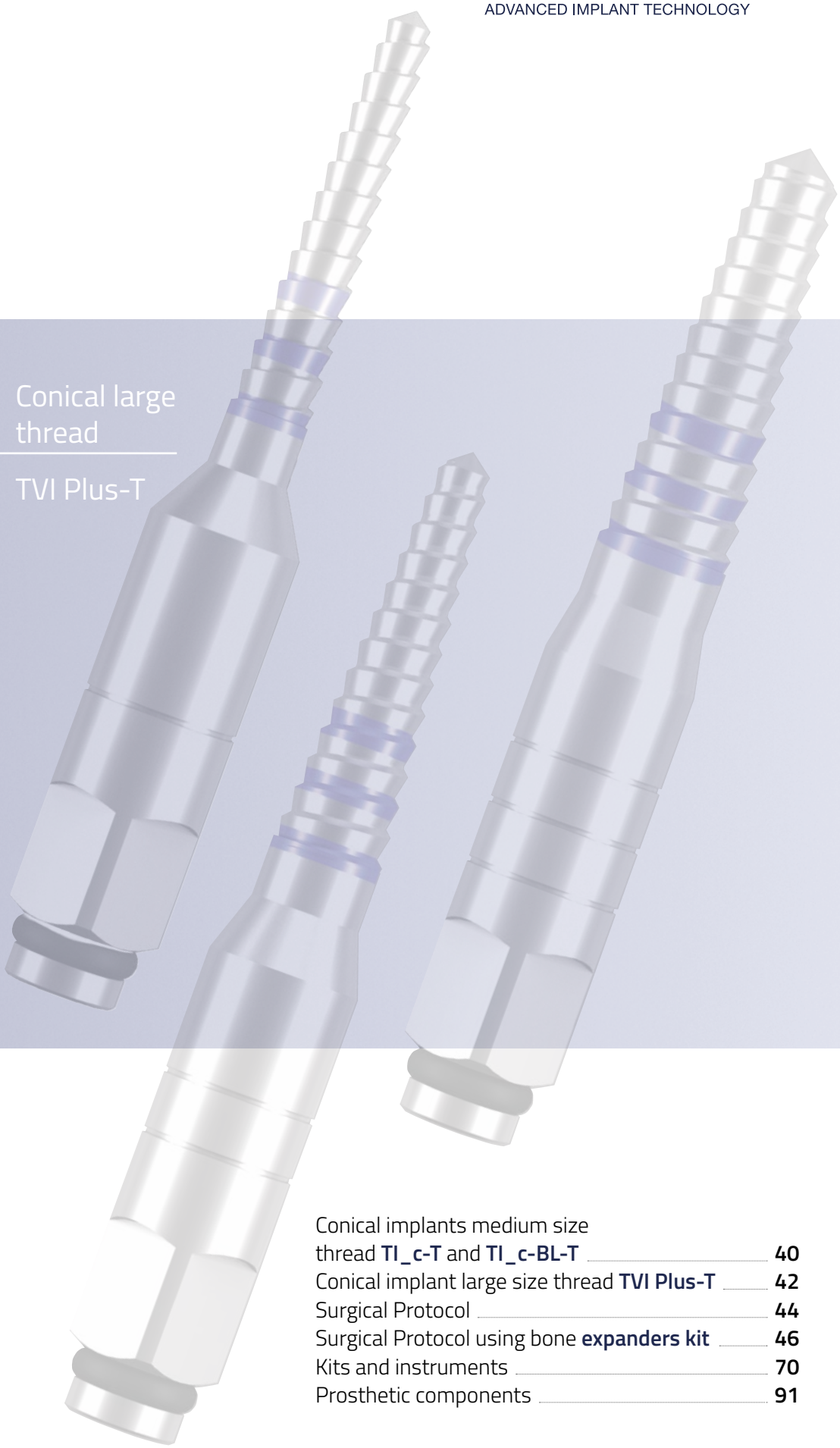
ES-00-T
Extractor

ROOT SHAPED CONICAL IMPLANTS



Conical large thread

TVI Plus-T



CONICAL IMPLANTS
MEDIUM SIZE THREAD

TIPOLOGY Conical implants are suited for every bone class, and we offer a wide range of fixtures and measures to satisfy any possible need of rehabilitation, with machined trans-mucous collar or bone level.

SURGERY Designed to be employed both in flap as well as in flapless technique, conical implants are suited for immediate loading as long as the implant has an optimal primary stability and a minimal length of 11,5 mm. Root shaped, they can be insert even using just the bone expanders, with an a-traumatic technique.

ADVANCED TECHNIQUES Safer Sinus-Lifts, thanks to the conical shape, avoiding the risk of penetration in the maxillary sinuses.

1 SWITCHING PLATFORM
- Optimal prostethic choices, respecting the parallelism
- Widen contact area between implant surface and abutment
- Internal NORMAL connection 4 and 4,5 mm diam.
- Internal LARGE connection for molar region 5-6 mm diam.

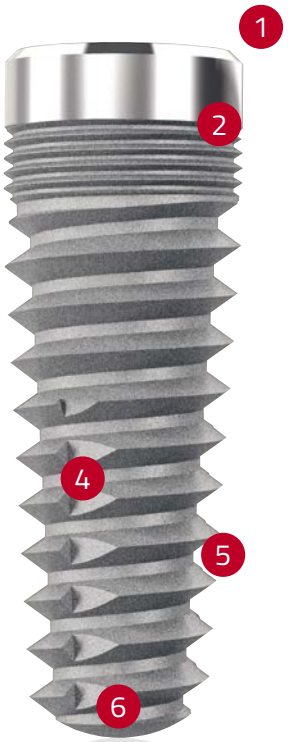
2 TRANSMUCOSAL MACHINED COLLAR
- Maximum support for soft tissues
- Standard height 1,3 mm
- Lower crestal reabsorption in post extractive sockets
- Better hygienic management even in case of peri-implantitis
- Microthread for optimal fastening of the fixture on cortical bone
- Optimal load distribution, preserving the bone crest

3 MACHINED COLLAR BONE LEVEL
- Improved collar microthread for optimal fastening of the fixture on cortical bone
- Better management of the soft tissue for esthetic regions.

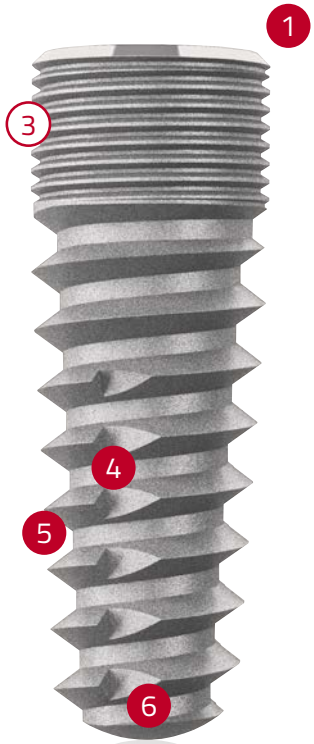
4 TRIPLE DECOMPRESSION INCISION ALONG THE ENTIRE SURFACE
- Enables clot outflow and avoids the rotation of the implant in the second phase surgery

5 CONICAL SHAPED BODY AND MACRO-THREAD
- Expansion in soft bone
- Compacting the bone
- Root shaped

6 ATRAUMATIC PENETRATING APEX
- Allows the implant to penetrate underprepared sites
- Hels lifting the sinus maxillary membrane
- Avoids perforation risks



TI_c-T



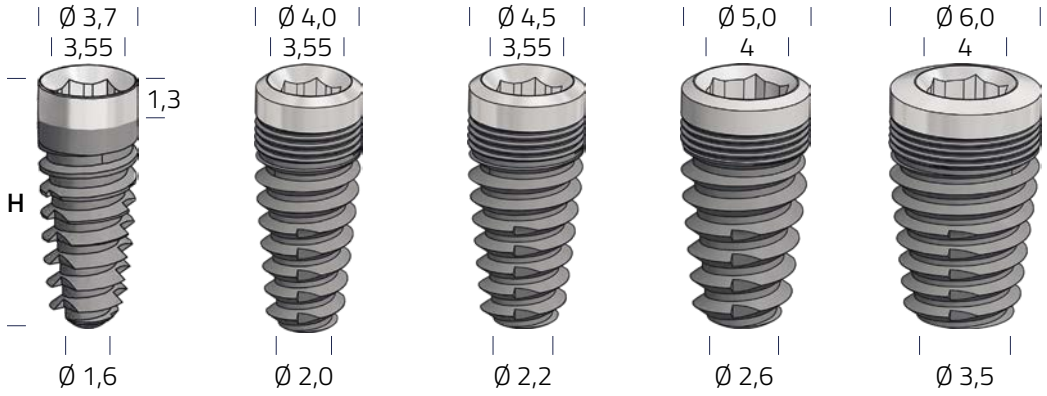
TI_c-BL-T

ACID ETCHED
S U R F A C E

Kits and instruments pag. 70
Prostethic components pag. 91

TI_c-T Conical implants, medium thread

Measurements and codes

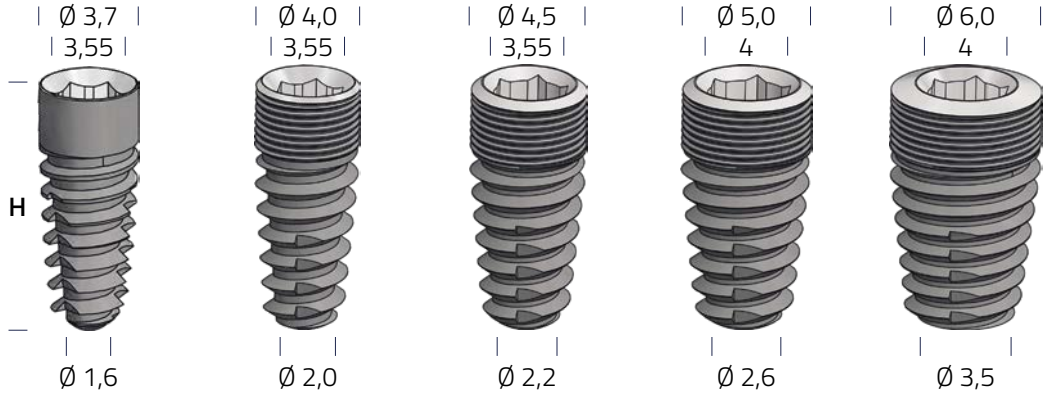


H	Ø 3,5 *	Ø 4,0	Ø 4,5	Ø 5,0	Ø 6,0
8,5 mm	-	TIDc-8,5	TILc-8,5	TICc-8,5	TIGc-8,5
10,0 mm	TIBc-10	TIDc-10	TILc-10	TICc-10	TIGc-10
11,5 mm	TIBc-11,5	TIDc-11,5	TILc-11,5	TICc-11,5	TIGc-11,5
13,0 mm	TIBc-13	TIDc-13	TILc-13	TICc-13	TIGc-13
14,5 mm	TIBc-14,5	TIDc-14,5	TILc-14,5	-	-
Platform	Normal	Normal	Normal	Large	Large

*The implant fixture with 3,5 diameter is also available with diameter 4,0 neck, height 10-11-12-14-16 mm.

TI_c-BL-T Bone level conical implants with medium thread

Measurements and codes



H	Ø 3,5 *	Ø 4,0	Ø 4,5	Ø 5,0	Ø 6,0
8,5 mm	-	TIDc-8,5-BL	TILc-8,5-BL	TICc-8,5-BL	TIGc-8,5-BL
10,0 mm	TIBc-10-BL	TIDc-10-BL	TILc-10-BL	TICc-10-BL	TIGc-10-BL
11,5 mm	TIBc-11,5-BL	TIDc-11,5-BL	TILc-11,5-BL	TICc-11,5-BL	TIGc-11,5-BL
13,0 mm	TIBc-13-BL	TIDc-13-BL	TILc-13-BL	TICc-13-BL	TIGc-13-BL
14,5 mm	TIBc-14,5-BL	TIDc-14,5-BL	TILc-14,5-BL	-	-
Platform	Normal	Normal	Normal	Large	Large

*The implant fixture with 3,5 diameter is also available with diameter 4,0 neck, height 10-11-12-14-16 mm.

CONICAL IMPLANT
LARGE SIZE THREAD

TIPOLOGY A shape designed to obtain an optimal primary stability in soft bone. The central part of the fixture is the same for every diameter, thus facilitating the site preparation with a underosteotomy.

SURGERY Surgeons have just to perform the osteotomy, up to the desired depth, and to place the fixture choosing the diameter by the class of the bone.

ADVANCED Designed to be employed both in flap as well as in flapless technique, conical implants are suited for immediate loading even in post extractive site as long as the implant has an optimal primary stability, a minimal length of 11,5 mm, and well dimensioned lateral cortical bones.

1 **SWITCHING PLATFORM**
- Preservation of the biological space
- Use of the gingival margin against infiltration
- Preservation of the bone level
- Single prosthetic connection with internal hexagon, Platform Normal for every diameter

2 **MACHINED COLLAR**
- Sustained soft tissues for better esthetics

3 **MICROTHREAD ON THE COLLAR**
- Optimal fastening on cortical bone
- Optimal load distribution, preserving the bone crest

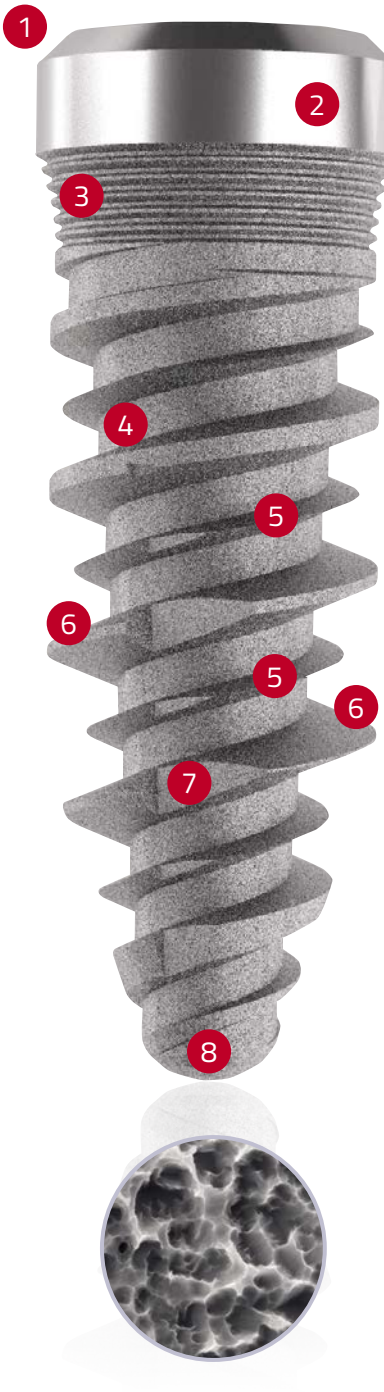
4 **CONICAL SHAPED BODY**
- Root shaped

5 **MICROTHREAD ON THE BODY**
- Enlarged contact surface fixture-BIC bone

6 **MACROTHREAD ON THE BODY**
- For the engagement on spongy bone

7 **DOUBLE DECOMPRESSION INCISION ALONG THE ENTIRE SURFACE**
- Facilitating the clot outflow

8 **REDUCED APEX**
- The best solution in the presence of adjacent roots with limited place

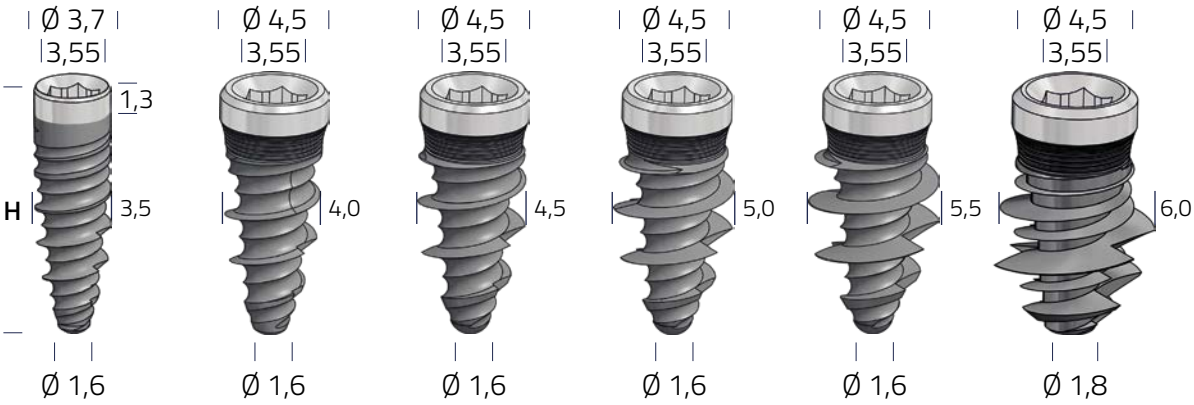


ACID ETCHED
SURFACE

TVI Plus-T

Trans-mucous conical implants internal hexagon, with double large thread

Measurements and codes



H	Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0	Ø 5,5	Ø 6,0
9 mm (2 spire)	-	TVI4-2-Tr-PLUS	TVI4,5-2-Tr-PLUS	TVI5-2-Tr-PLUS	-	TVI6-2-Tr-PLUS
11 mm (3 spire)	TVI3,5-3-Tr-PLUS	TVI4-3-Tr-PLUS	TVI4,5-3-Tr-PLUS	TVI5-3-Tr-PLUS	TVI5,5-3-Tr-PLUS	-
13 mm (4 spire)	TVI3,5-4-Tr-PLUS	TVI4-4-Tr-PLUS	TVI4,5-4-Tr-PLUS	TVI5-4-Tr-PLUS	TVI5,5-4-Tr-PLUS	-
15 mm (5 spire)	TVI3,5-5-Tr-PLUS	TVI4-5-Tr-PLUS	TVI4,5-5-Tr-PLUS	TVI5-5-Tr-PLUS	TVI5,5-5-Tr-PLUS	-
17 mm (6 spire)	TVI3,5-6-Tr-PLUS	TVI4-6-Tr-PLUS	TVI4,5-6-Tr-PLUS	TVI5-6-Tr-PLUS	TVI5,5-6-Tr-PLUS	-
Platform	Normal	Normal	Normal	Normal	Normal	Normal

Kits and instruments pag. 70
Prostethic components pag. 91

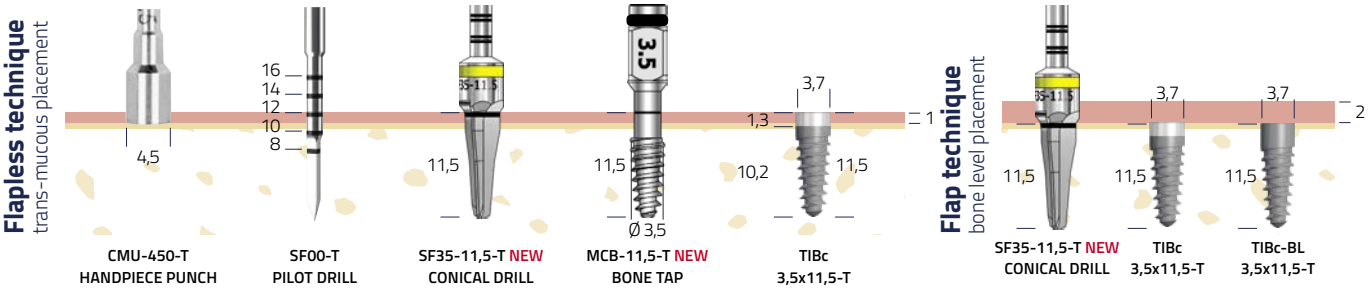
Surgical protocol conical implants medium thread

Kits and instruments pag. 70

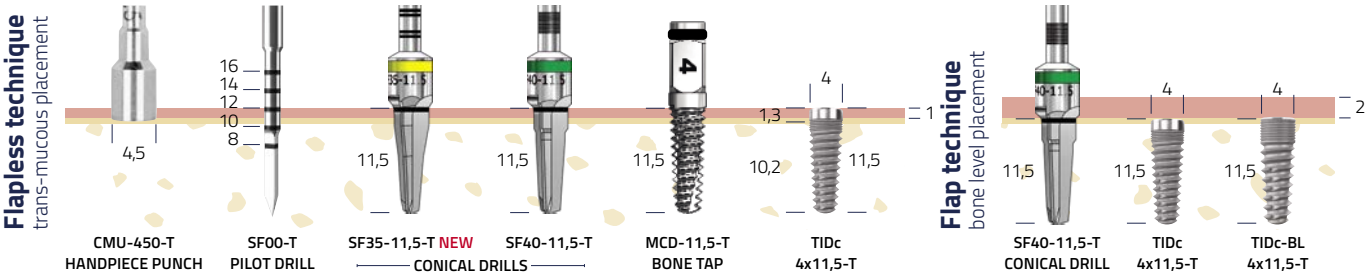
Sequence for mandibular bone D1/D2 and maxillary bone D3/D4

Conical implants with medium threads come in two variants: trans-mucous and bone level. The first step is to measure the gum thickness with a periodontal probe. With a maximum of 1 mm gum thickness, flapless technique with the use of the punch can be pursued, otherwise flap technique is suggested, to obtain the right placement for the neck of the fixture. Trans-mucous fixtures con be placed at bone level with flap technique.

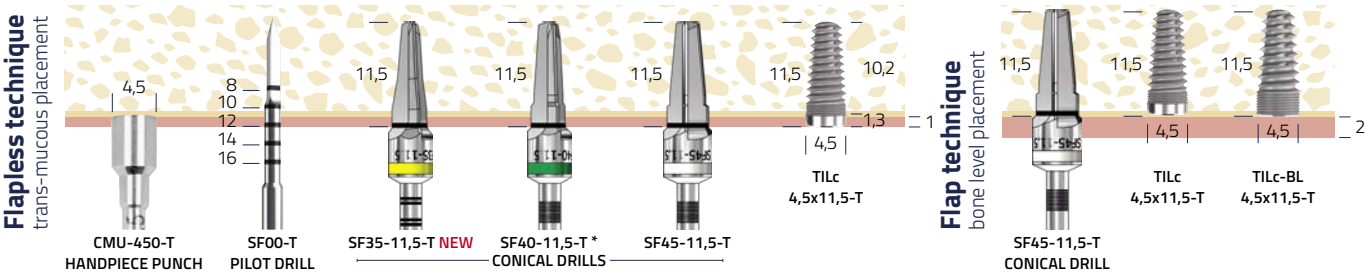
Surgical protocol conical implants medium thread Ø 3,5 h 11,5 mm — D1/D2 bone



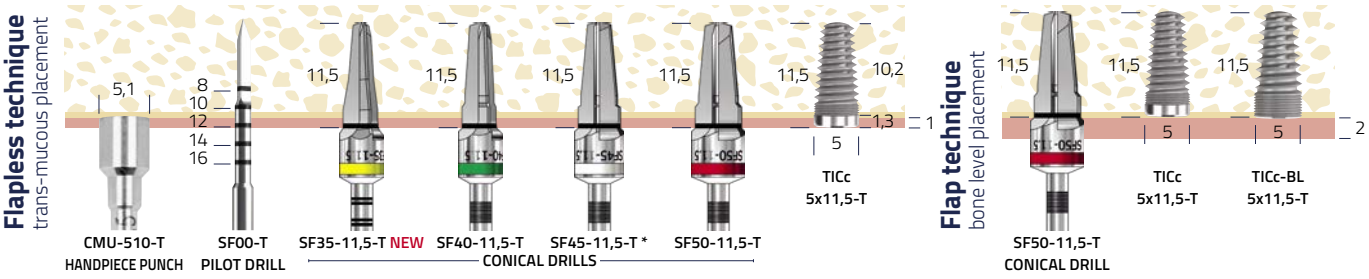
Surgical protocol conical implants medium thread Ø 4,0 h 11,5 mm — D1/D2 bone



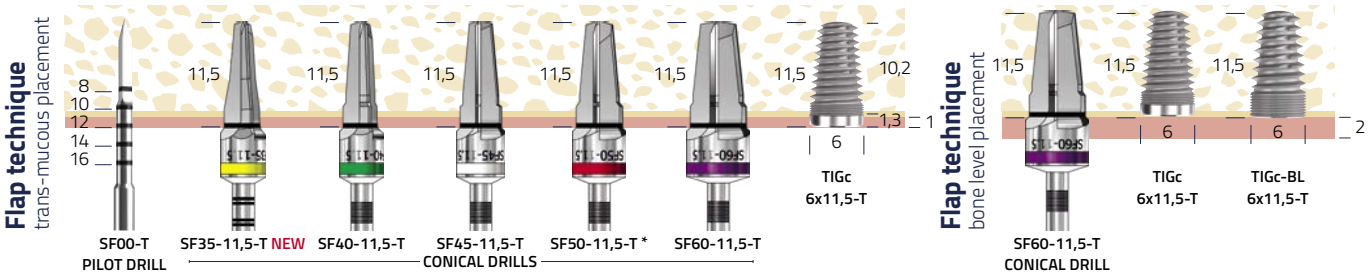
Surgical protocol conical implants medium thread Ø 4,5 h 11,5 mm — D3/D4 bone



Surgical protocol conical implants medium thread Ø 5,0 h 11,5 mm — D3/D4 bone



Surgical protocol conical implants medium thread Ø 6,0 h 11,5 mm — D3/D4 bone



Protocols and sequences are just suggested with an illustrative purpose. It's up to the surgeon to select the best surgical option for the anatomy of the patient.

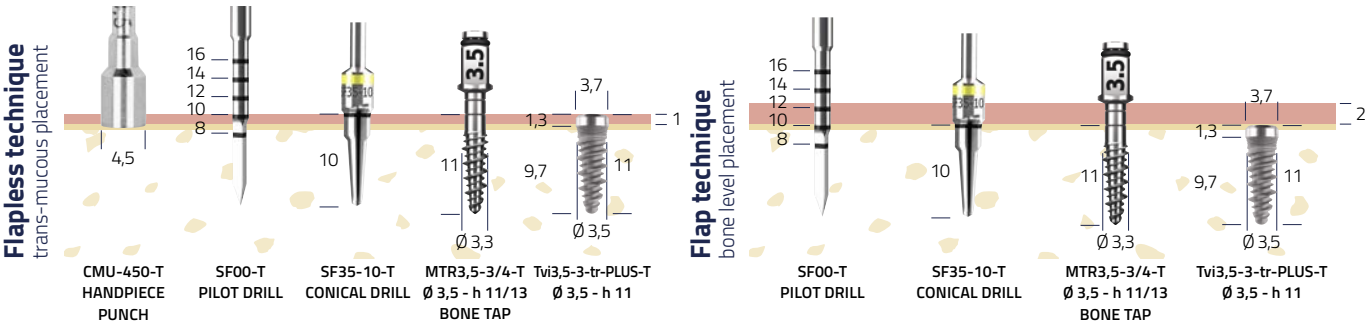
* On D3-D4 bone intermediate drills must be employed

Surgical protocol conical implants large thread

Kits and instruments pag. 70

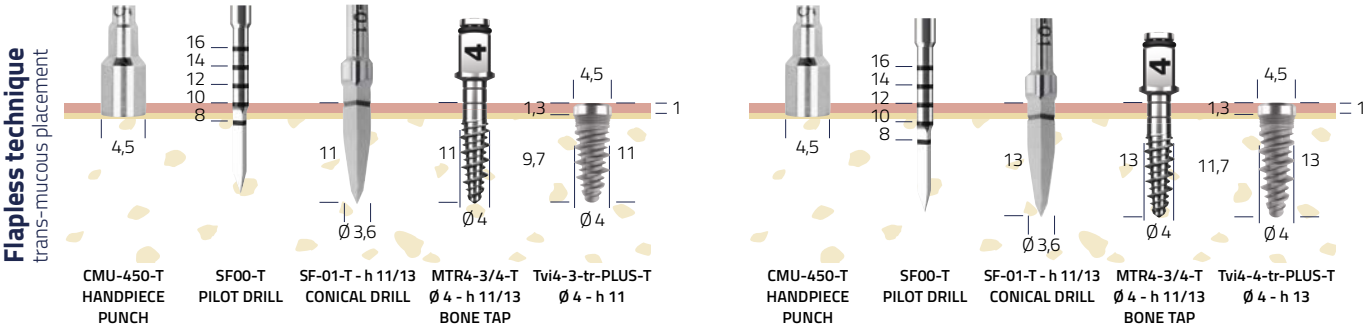
Sequence for mandibular bone D1/D2 and maxillary D3/D4

Trans-mucous conical implant Plus with double thread, Ø 3,5 - 3 threads h 11 mm — D1/D2 bone



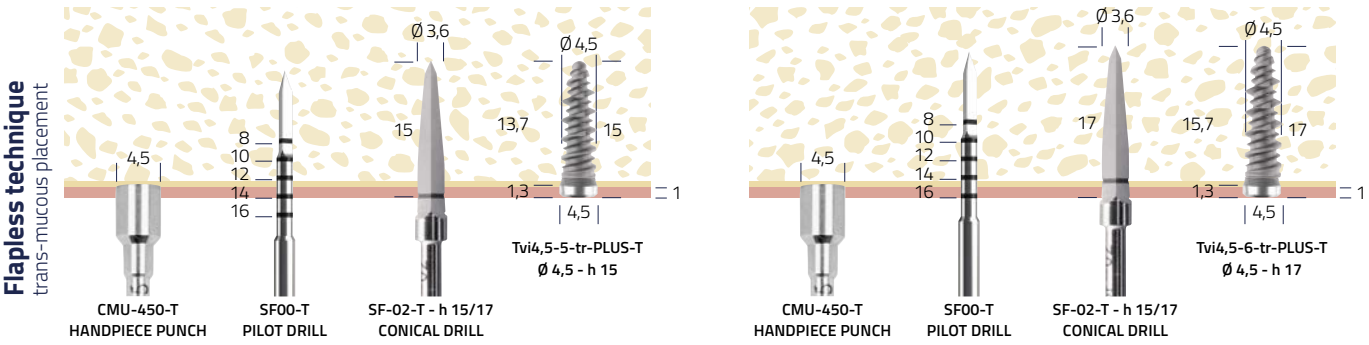
With Ø 3,5 - 4 threads - h 13 mm should be put in use SF35-12-T conical drill and MTR3,5-4-T threads bone tap; with the 5 threads, h 15 mm should be employed SF35-14-T conical drill and MTR3,5-5-T threads bone tap; with the 6 threads h 17 mm should be employed SF35-16-T conical drill and MTR3,5-6-T threads bone tap. Diameter 3,5 of this tipology can be positioned bone level, because the implant's neck has the same dimension of the drill. With gums over 1 mm thick it is suggested to open the flaps with the scalpel to achieve the correct placement of the implant.

Trans-mucous conical implant Plus with double thread, Ø 4 - 3 threads h 11 mm - 4 threads h 13 mm — D1/D2 bone



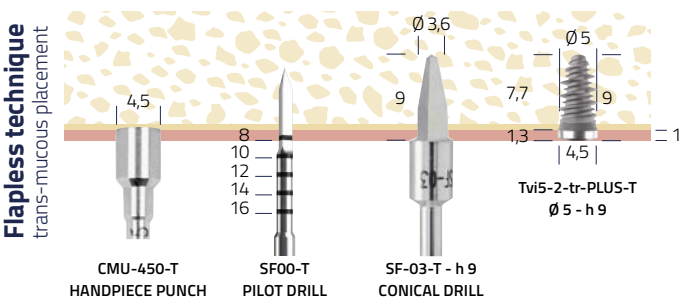
For fixtures with 4,0-4,5-5,0-5,5 a trans-mucous placement is suggested, because the machined collar is 4,5 mm large, and the diameter of the drill is 3,6 mm. In flapless technique with a maximum gum thickness of 1 mm it is recommended to stop at the first marking of the final drill 11 mm high, or at the second marking of the 13 mm high one. In a truly compact bone, it is necessary to employ the bone tap. With gums more than 1 mm high, flap technique is suggested to obtain the right placement for the neck of the fixture.

Trans-mucous conical implant Plus with double thread, Ø 4,5 - 5 threads h 15 mm - 6 threads h 17 mm — D3/D4 bone



For fixtures with 4,0-4,5-5,0-5,5 a trans-mucous placement is suggested, because the machined collar is 4,5 mm large, and the diameter of the drill is 3,6 mm. In flapless technique with a maximum gum thickness of 1 mm it is recommended to stop at the first marking of the final drill 15 mm high, or at the second marking of the 17 mm high one. With gums more than 1 mm high, flap technique is suggested to obtain the right placement for the neck of the fixture.

Trans-mucous conical implant Plus with double thread, Ø 5 - 2 threads h 9 mm — D3/D4 bone



For fixtures with 4,0-4,5-5,0-5,5 a trans-mucous placement is suggested, because the machined collar is 4,5 mm large, and the diameter of the drill is 3,6 mm. In flapless technique with a maximum gum thickness of 1 mm it is recommended to stop at the first marking of the final drill 9 mm high.

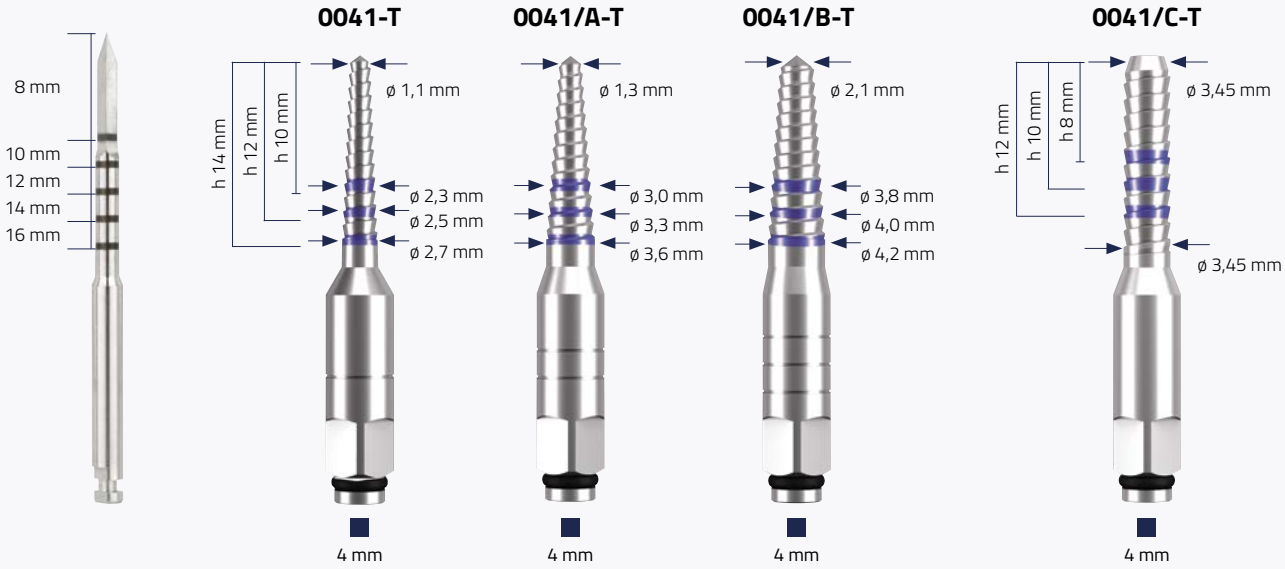
Protocols and sequences are just suggested with an illustrative purpose. It's up to the surgeon to select the best surgical option for the anatomy of the patient.

Gum Cortical bone Medullary bone

Surgical protocol using bone expanders kit

Atraumatic technique that contemplates the use of bone expanders instead of the drills. The bone expanders mantain and compact the D3/D4 bone, without extracting it during the perforation. This kit can be employed for the expansion of the bone after the completion of the split crest with scalpels or piezo.

GUIDE LINES FOR THE FIXTURE INSERTIONS



Guidelines for implant placement

- Employ the pilot drill for all the depth of the fixture.
- Bone Expander 0041-T, intermediate stage.
- Bone expander 0041/A-T, for the placement of large and medium thread conical implants, diameter 3,5 mm.
- Bone expander 0041/B-T, for the placement of large and medium thread conical implants, diameters 4,0 and 4,5 mm.
- Bone expander 0041/C-T, for mini Sinus-lifts on split-crest

USEFUL INSTRUMENTS OF BONE EXPANDERS KIT

PI-T
Driver for internal hexagon implants with connection PLATFORM NORMAL

2,43 mm ⬢  ■ 4 mm

Available in the retentive o-ring version PI-M, for NO MOUNT Platform Normal fixtures.

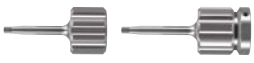
ST-00-T
Ratchet wrench

4 mm ○

SM-01-T
Hand driver

4 mm ○ 

SKI-10-T h 10 mm
SKI-13R-T h 13 mm
⬢ 1,28 mm hexagon digital driver for fastening screws



SG-00-T
Square head driver for superior maxillary

○ 4 mm

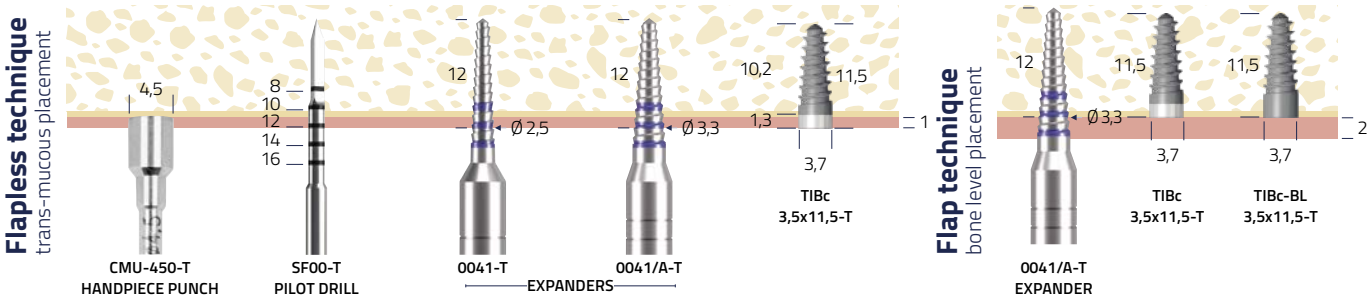
■ □ Square connection ⬢ Hexagon connection ○ Octagon connection

Surgical protocol conical implants medium thread

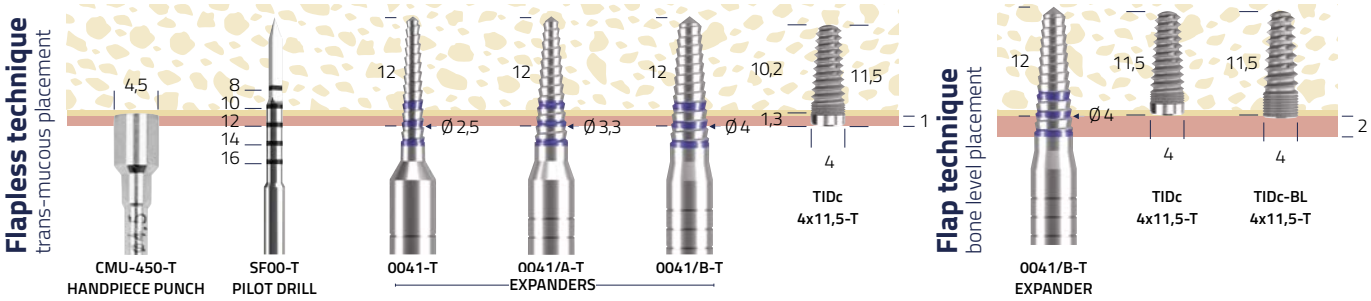
Sequence for maxillary bone D3/D4

Conical implants with medium threads come in two variants: trans-mucous and bone level. Trans-mucous fixtures con be placed at bone level with flap technique. The first step is to measure the gum thickness with a periodontal probe. With a maximum of 1 mm gum thickness, flapless technique with the use of the punch can be pursued, otherwise flap technique is suggested, to obtain the right placement for the neck of the fixture.

Surgical protocol for medium thread conical implants Ø 3,5 h 11,5 mm — D3/D4 Bone



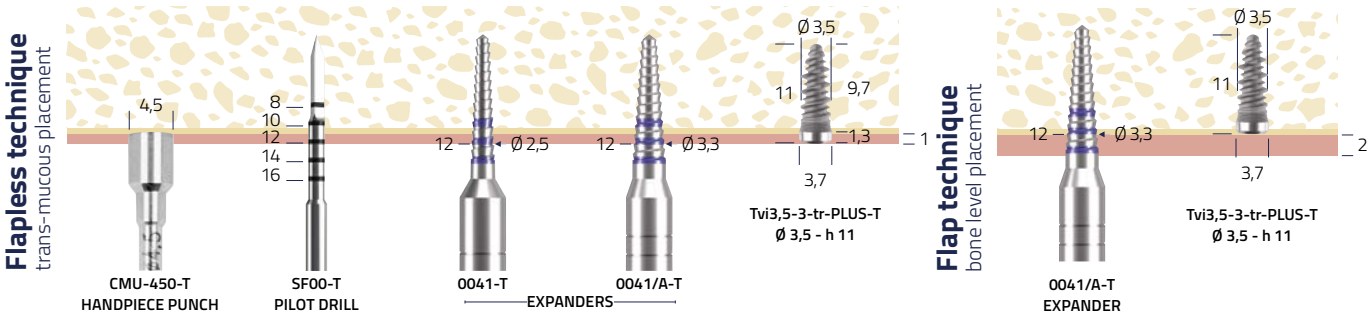
Surgical protocol for medium thread conical implants Ø 4 h 11,5 mm — D3/D4 Bone



Surgical protocol large thread conical implants

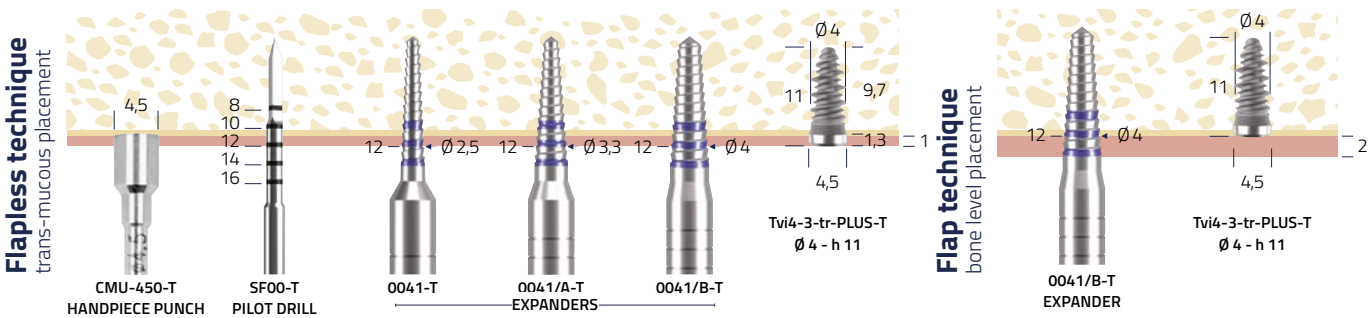
Sequence for maxillary bone D3/D4

Conical implant Plus internal hexagon trans-mucous with double thread, Ø 3,5 h 11,5 mm — D3/D4 Bone



With gums more than 1 mm high, flap technique is suggested to obtain the right placement for the neck of the fixture.

Conical implant Plus internal hexagon trans-mucous with double thread, Ø 4 - 3 threads h 11 mm — D3/D4 Bone



With gums more than 1 mm high, flap technique is suggested to obtain the right placement for the neck of the fixture.

Protocols and sequences are just suggested with an illustrative purpose. It's up to the surgeon to select the best surgical option for the anatomy of the patient.

Gum Cortical bone Medullary bone

Root shaped conical implants for immediate multiple prosthesis

Uniko-T, one piece implant with its medium thread, allows the prosthetist to employ every connection of the Tecnomed Connector Bridge abutment System.

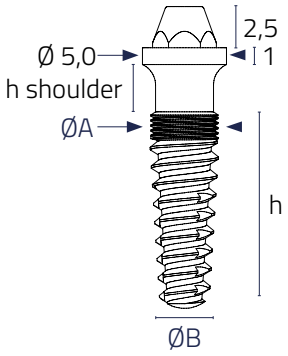
Uniko-T

TOGLIERE LOGO

Kits and instruments pag. 70
Prostethic components pag. 91

Uniko-T

One piece implants with conical rotating connection bridge abutment



h = height
ØA = maximum thread diameter
ØB = apex diameter

Kits and instruments pag. 70
Prostethic components pag. 130

Connector Bridge Abutment Components

code	implant Ø	h	h shoulder	ØA	ØB
UNIKO 3,5-10-SP1,5	3,5	10	1,5	3,5	2,65
UNIKO 3,5-10-SP3	3,5	10	3,0	3,5	2,65
UNIKO 3,5-12-SP1,5	3,5	12	1,5	3,5	2,65
UNIKO 3,5-12-SP3	3,5	12	3,0	3,5	2,65
UNIKO 3,5-14-SP1,5	3,5	14	1,5	3,5	2,65
UNIKO 3,5-14-SP3	3,5	14	3,0	3,5	2,65

Connector Bridge Abutment Components

code	implant Ø	h	h shoulder	ØA	ØB
UNIKO 4-10-SP1,5	4,0	10	1,5	4,0	3,1
UNIKO 4-10-SP3	4,0	10	3,0	4,0	3,1
UNIKO 4-11,5-SP1,5	4,0	11,5	1,5	4,0	3,1
UNIKO 4-11,5-SP3	4,0	11,5	3,0	4,0	3,1
UNIKO 4-13-SP1,5	4,0	13	1,5	4,0	3,1
UNIKO 4-13-SP3	4,0	13	3,0	4,0	3,1

Connector Bridge Abutment Components

code	implant Ø	h	h shoulder	ØA	ØB
UNIKO 4,5-10-SP1,5	4,5	10	1,5	4,5	3,6
UNIKO 4,5-10-SP3	4,5	10	3,0	4,5	3,6
UNIKO 4,5-11,5-SP1,5	4,5	11,5	1,5	4,5	3,6
UNIKO 4,5-11,5-SP3	4,5	11,5	3,0	4,5	3,6
UNIKO 4,5-13-SP1,5	4,5	13	1,5	4,5	3,6
UNIKO 4,5-13-SP3	4,5	13	3,0	4,5	3,6

Connector Bridge Abutment Components

code	implant Ø	h	h shoulder	ØA	ØB
UNIKO 5-10-SP1,5	5,0	10	1,5	5,0	4,1
UNIKO 5-10-SP3	5,0	10	3,0	5,0	4,1
UNIKO 5-11,5-SP1,5	5,0	11,5	1,5	5,0	4,1
UNIKO 5-11,5-SP3	5,0	11,5	3,0	5,0	4,1
UNIKO 5-13-SP1,5	5,0	13	1,5	5,0	4,1
UNIKO 5-13-SP3	5,0	13	3,0	5,0	4,1

Surgical protocol

	CMU-450-T	SF00-T	SF 20-stop-T h 10-11,5-13-14,5	SF 35-T h 10-12-14	SF 40-T h 10-11,5-13-14,5	SF 45-T h 10-11,5-13-14,5	SF 50-T h 10-11,5-13
	Handpiece punch	Pilot drill	Conical drills				
Ø 3,5	●	●		●			
Ø 4,0	●	●		●	●		
Ø 4,5	●	●		●	●	●	
Ø 5,0	●	●		●	●	●	●
For D1/D2 bone							
Ø 3,5	●	●	●*	●			
Ø 4,0	●	●		●*	●		
Ø 4,5	●	●		●	●*	●	
Ø 5,0	●	●		●	●	●*	●
For D3/D4 bone							

*Fixtures can be placed with an intermediate drill or bone expanders in D4 bone, achieving an optimal primary stability. Trans-mucous shoulder of 1,5 or 3 mm height can be placed on the gum.

Protocols and sequences are just suggested with an illustrative purpose. It's up to the surgeon to select the best surgical option for the anatomy of the patient.

One piece mini implants for overdenture with ball attachment

TZ_EP-T has a conical shape and a micro ball 1,8 mm diam, for limited prosthetic volumes, ideal in mandibular bone.
TZP-T with 2,2 mm ball, cylindrical shape and endosseous diameter of 2,5 mm, convertible from spheric to monolithic. TiN treated balls.

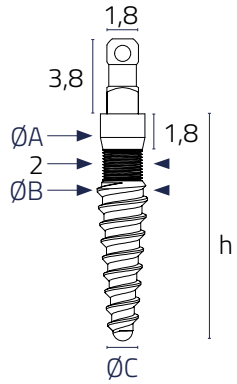
TZ_EP-T TZP-T

One piece mini and conical implants

A truly versatile implant, it can be placed in every mouth region, for a multiple element prosthesis, or a single element prosthesis. The trans-mucous collar seals the implant cavity and has the function of foothold for the prosthesis. The higher abutment helps to parallelize the fixture even with very pronounced inclination.

TVM-T

TZ_EP-T Overdenture One piece implants with mini ball 1,8 mm diam.



h = length
ØA = maximum coronal diameter
ØB = thread diameter
ØC = apex diameter

code	implant Ø	h	ØA	ØB	ØC
TZ-EP-11	2,5 ☐	11,5	2,25	2,6	1,4
TZ-EP-13	2,5 ☐	13	2,25	2,6	1,4

Components ø 1,8 mm for **TZ_EP-T**

041CAM-T*	060CRM AY-T*	040CRM SN-T	040CRM-T	044CAIM-T	044PPM-T
Steel cap	Pink Teflon cap	Yellow Teflon cap	Transparent Teflon cap	Impression transfer	Analogue pins micro
Steel retention cap for Teflon caps	800 gr (soft)	450 gr (extra soft)	1100 gr (standard)		

* Caps included with every implant

Surgical protocol

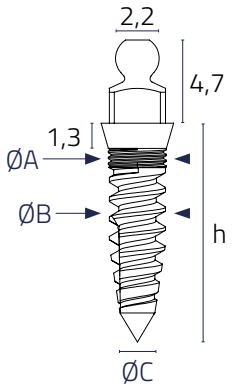
SD-03-T	SF00-T	DCD-EP-T
Manual punch	Pilot drill	Fixture driver
●	●	●

For D1/D2 bone

Kits and instruments pag. 84

Protocols and sequences are just suggested with an illustrative purpose. It's up to the surgeon to select the best surgical option for the anatomy of the patient.

TZP-T Overdenture One piece implants with 2,2 mm diam. Ball



h = length
ØA = maximum coronal diameter
ØB = thread diameter
ØC = apex diameter

Kits and instruments pag. 84

code	implant Ø	h	ØA	ØB	ØC
TZP-4	2,5	10	3,0	2,7	1,8
TZP-5	2,5	12	3,0	2,7	1,8
TZP-6	2,5	14	3,0	2,7	1,8

Components ø 2,2 for **TZP-T**

CA-T*	CNA-T *	060CRNAYDR8-T	CNR-T	CNV-T	SAN-P2,2-T	044CAI22-T	CNV-T
Steel cap	Orange Teflon cap tender	Yellow Teflon cap	Pink Teflon cap	Green Teflon cap	Steel analogue	Ball transfer	Cementable abutment
Steel retention cap for Teflon caps	350 gr (soft)	500 gr (extra soft)	900 gr (medium)	1300 gr (extra strong)	For plaster models		

* Caps included with every implant

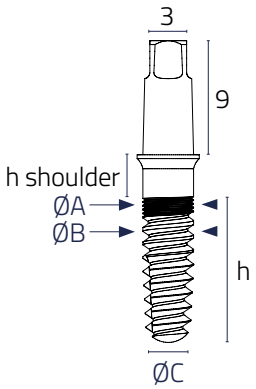
Surgical protocol

SD-03-T	SF00-T	SF 20-T h 10-11,5-13-14,5	SIV-T
Manual punch	Pilot drill	Conical drill	3X3 connection ratchet extension
●	●	●	●
For D1/D2 bone			
●	●		●
For D3/D4 bone			

Protocols and sequences are just suggested with an illustrative purpose. It's up to the surgeon to select the best surgical option for the anatomy of the patient

TVM-T

One piece medium thread implants



h = length
ØA = maximum coronal diameter
ØB = thread diameter
ØC = apex diameter

code	implant Ø	h	h shoulder	ØA	ØB	ØC
TVM3,5-10-SP1,5	3,5	10	1,5	3,5	3,5	2,2
TVM3,5-10-SP3	3,5	10	3,0	3,5	3,5	2,2
TVM3,5-11,5-SP1,5	3,5	11,5	1,5	3,5	3,5	2,2
TVM3,5-11,5-SP3	3,5	11,5	3,0	3,5	3,5	2,2
TVM3,5-13-SP1,5	3,5	13	1,5	3,5	3,5	2,2
TVM3,5-13-SP3	3,5	13	3,0	3,5	3,5	2,2

code	implant Ø	h	h shoulder	ØA	ØB	ØC
TVM4,0-10-SP1,5	4,0	10	1,5	4,0	4,0	3,0
TVM4,0-10-SP3	4,0	10	3,0	4,0	4,0	3,0
TVM4,0-11,5-SP1,5	4,0	11,5	1,5	4,0	4,0	3,0
TVM4,0-11,5-SP3	4,0	11,5	3,0	4,0	4,0	3,0
TVM4,0-13-SP1,5	4,0	13	1,5	4,0	4,0	3,0
TVM4,0-13-SP3	4,0	13	3,0	4,0	4,0	3,0

RUNC-T
Transfer cap, included with every implant

code	implant Ø	h	h shoulder	ØA	ØB	ØC
TVM4,5-10-SP1,5	4,5	10	1,5	4,5	4,5	3,2
TVM4,5-10-SP3	4,5	10	3,0	4,5	4,5	3,2
TVM4,5-11,5-SP1,5	4,5	11,5	1,5	4,5	4,5	3,2
TVM4,5-11,5-SP3	4,5	11,5	3,0	4,5	4,5	3,2
TVM4,5-13-SP1,5	4,5	13	1,5	4,5	4,5	3,2
TVM4,5-13-SP3	4,5	13	3,0	4,5	4,5	3,2

Kits and instruments pag. 70

Surgical protocol

	CMU-450-T	SF00-T	SF 20-stop-T h 10-11,5-13	SF 35-T NEW h 10-11,5-13	SF 40-T h 10-11,5-13	SF 45-T h 10-11,5-13	SIV-T
	Handpiece punch	Pilot drill	Conical drills				Connector 3X3 mm
Ø 3,5	●	●		●			●
Ø 4,0	●	●		●	●		●
Ø 4,5	●	●		●	●	●	●
For D1/D2 bone							
Ø 3,5	●	●	●*	●			
Ø 4,0	●	●		●*	●		
Ø 4,5	●	●			●*	●	
For D3/D4 bone							

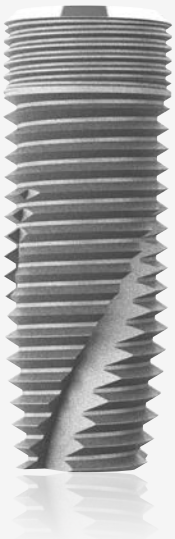
*Fixtures can be placed with an intermediate drill or bone expanders in D4 bone, achieving an optimal primary stability. Trans-mucous shoulder of 1,5 or 3 mm height can be placed on the gum.

Protocols and sequences are just suggested with an illustrative purpose. It's up to the surgeon to select the best surgical option for the anatomy of the patient.

Cylindrical and Progressive implants

Progressive-T

Progressive-T, with is increasing conicity that helps to achieve an optimal primary stability in critical situation like a D3/D4 bone, post estractive sites, immediate loading. It is designed to be employed in the Iso Guide guided surgery. Eternal classics, **TI-T** internal hexagon, suited for medium to hard bone, have been designed to use the cylindrical drill system with stoppers.



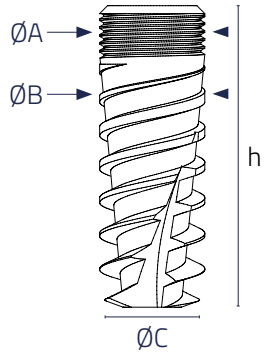
TI-T
Internal
hexagon

TOGLIERE LOGO

Kits and instruments pag. 76
Prostethic components pag. 91

Progressive-T

Conical implants, internal hexagon, with double progressive thread



h = length
ØA = maximum coronal diameter
ØB = thread diameter
ØC = apex diameter

Kits and instruments pag. 76
Prostethic components pag. 91

Platform Normal

code	implant Ø	h	ØA	ØB	ØC
PROGRESSIVE 3,5-8,5	3,5	8,5	4,0	3,5	2,8
PROGRESSIVE 3,5-10	3,5	10	4,0	3,5	2,8
PROGRESSIVE 3,5-11,5	3,5	11,5	4,0	3,5	2,8
PROGRESSIVE 3,5-13	3,5	13	4,0	3,5	2,8
PROGRESSIVE 3,5-14,5	3,5	14,5	4,0	3,5	2,8

Platform Normal

code	implant Ø	h	ØA	ØB	ØC
PROGRESSIVE 4-8,5	4,0	8,5	4,0	4,0	3,3
PROGRESSIVE 4-10	4,0	10	4,0	4,0	3,3
PROGRESSIVE 4-11,5	4,0	11,5	4,0	4,0	3,3
PROGRESSIVE 4-13	4,0	13	4,0	4,0	3,3
PROGRESSIVE 4-14,5	4,0	14,5	4,0	4,0	3,3

Platform Normal

code	implant Ø	h	ØA	ØB	ØC
PROGRESSIVE 4,5-8,5	4,5	8,5	4,5	4,5	3,8
PROGRESSIVE 4,5-10	4,5	10	4,5	4,5	3,8
PROGRESSIVE 4,5-11,5	4,5	11,5	4,5	4,5	3,8
PROGRESSIVE 4,5-13	4,5	13	4,5	4,5	3,8
PROGRESSIVE 4,5-14,5	4,5	14,5	4,5	4,5	3,8

Platform Normal

code	implant Ø	h	ØA	ØB	ØC
PROGRESSIVE 5-8,5	5,0	8,5	5,0	5,0	4,3
PROGRESSIVE 5-10	5,0	10	5,0	5,0	4,3
PROGRESSIVE 5-11,5	5,0	11,5	5,0	5,0	4,3
PROGRESSIVE 5-13	5,0	13	5,0	5,0	4,3
PROGRESSIVE 5-14,5	5,0	14,5	5,0	5,0	4,3

Platform Large

code	implant Ø	h	ØA	ØB	ØC
PROGRESSIVE 6-8,5	6,0	8,5	6,0	6,0	5,7
PROGRESSIVE 6-10	6,0	10	6,0	6,0	5,7
PROGRESSIVE 6-11,5	6,0	11,5	6,0	6,0	5,7
PROGRESSIVE 6-13	6,0	13	6,0	6,0	5,7

Surgical protocol

	CMU-450-T	CMU-510-T	SF00-T	SF20-stop-T	SF25-stop-T	SF29-stop-T	SF32-stop-T	SF39-stop-T	SF45-stop-T	SF50-stop-T
	Handpiece punches		Pilot Drills	Depth stopper drills - h 8,5-10-11,5-13-14,5						
Ø 3,5	●		●	●	●	●*	●			
Ø 4,0	●		●	●	●	●	●*	●		
Ø 4,5	●		●	●	●	●	●	●*	●	
Ø 5,0		●	●	●	●	●	●	●	●	
Ø 6,0		●	●	●	●	●	●	●	●	●

For D3/D4 bone

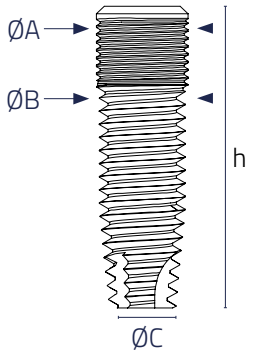
*Progressive implants can be placed in D4 bone with an intermediate drill, achieving an optimal primary stability.

Protocols and sequences are just suggested with an illustrative purpose. It's up to the surgeon to select the best surgical option for the anatomy of the patient.

TI-T

Internal hexagon cylindrical implants

Ø 3,3 Tiaz implants



h = length
ØA = maximum coronal diameter
ØB = thread diameter
ØC = apex diameter

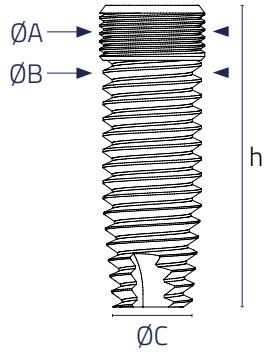
Platform Tiz/Tiaz

code	implant Ø	h	ØA	ØB	ØC
TIAZ-8,5	3,3 ☐ (neck 3,5 mm)	8,5	3,5	3,3	2,55
TIAZ-10	3,3 ☐ (neck 3,5 mm)	10	3,5	3,3	2,55
TIAZ-11,5	3,3 ☐ (neck 3,5 mm)	11,5	3,5	3,3	2,55
TIAZ-13	3,3 ☐ (neck 3,5 mm)	13	3,5	3,3	2,55
TIAZ-14,5	3,3 ☐ (neck 3,5 mm)	14,5	3,5	3,3	2,55

Platform Normal

code	implant Ø	h	ØA	ØB	ØC
TIA-8,5	3,3 ☐ (neck 4,0 mm)	8,5	4,0	3,3	2,55
TIA-10	3,3 ☐ (neck 4,0 mm)	10	4,0	3,3	2,55
TIA-11,5	3,3 ☐ (neck 4,0 mm)	11,5	4,0	3,3	2,55
TIA-13	3,3 ☐ (neck 4,0 mm)	13	4,0	3,3	2,55
TIA-14,5	3,3 ☐ (neck 4,0 mm)	14,5	4,0	3,3	2,55

Ø 3,3 and Ø 3,75 implants



h = length
ØA = maximum coronal diameter
ØB = thread diameter
ØC = apex diameter

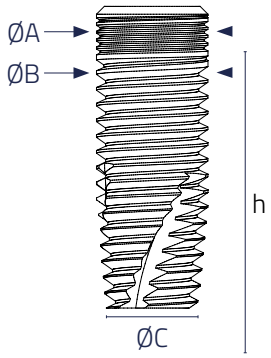
Platform Normal

code	implant Ø	h	ØA	ØB	ØC
TIB-8,5	3,75 ☐	8,5	4,0	3,75	3,0
TIB-10	3,75 ☐	10	4,0	3,75	3,0
TIB-11,5	3,75 ☐	11,5	4,0	3,75	3,0
TIB-13	3,75 ☐	13	4,0	3,75	3,0
TIB-14,5	3,75 ☐	14,5	4,0	3,75	3,0

Platform Normal

code	implant Ø	h	ØA	ØB	ØC
TID-8,5	4,25 ☐	8,5	4,25	4,25	3,5
TID-10	4,25 ☐	10	4,25	4,25	3,5
TID-11,5	4,25 ☐	11,5	4,25	4,25	3,5
TID-13	4,25 ☐	13	4,25	4,25	3,5
TID-14,5	4,25 ☐	14,5	4,25	4,25	3,5

Ø 4,25, Ø 5 and Ø 5,5 implants



h = length
ØA = maximum coronal diameter
ØB = thread diameter
ØC = apex diameter

Platform Normal

code	implant Ø	h	ØA	ØB	ØC
TIC-8,5	5,0 ☐	8,5	5,0	5,0	4,25
TIC-10	5,0 ☐	10	5,0	5,0	4,25
TIC-11,5	5,0 ☐	11,5	5,0	5,0	4,25
TIC-13	5,0 ☐	13	5,0	5,0	4,25
TIC-14,5	5,0 ☐	14,5	5,0	5,0	4,25

Platform Normal

code	implant Ø	h	ØA	ØB	ØC
TIF-8,5	5,5 ☐	8,5	5,0	5,5	4,75
TIF-10	5,5 ☐	10	5,0	5,5	4,75
TIF-11,5	5,5 ☐	11,5	5,0	5,5	4,75
TIF-13	5,5 ☐	13	5,0	5,5	4,75
TIF-14,5	5,5 ☐	14,5	5,0	5,5	4,75

Kits and instruments pag. 76
Prostethic components pag. 91

Surgical protocol for **TI-T** implants

	CMU-450-T	CMU-510-T	SF00-T	SF20 stop-T	SF25 stop-T	SF29 stop-T	SF32 stop-T	SF51-T	SF39 stop-T	SF45 stop-T	SF50 stop-T	TBA-T	TBB-T	TBD-T	TBC-T	TIE-T
	Handpiece punches		Pilot drill	Drills with depth stopper h 8,5-10-11,5-13-14,5				Preparatory drill	Drills with depth stopper h 8,5-10-11,5-13-14,5			Bone taps				
Ø 3,3 (3,5)	●		●	●	●	●	●					●				
Ø 3,3 (4,0)	●		●	●	●	●	●	●				●				
Ø 3,75	●		●	●	●	●	●	●					●			
Ø 4,25	●		●	●	●	●	●		●					●		
Ø 5,0		●	●	●	●	●	●		●	●					●	
Ø 5,5		●	●	●	●	●	●		●	●	●					●
For D1/D2 bone																
Ø 3,3 (3,5)	●		●	●	●	●										
Ø 3,3 (4,0)	●		●	●	●	●		●								
Ø 3,75	●		●	●	●	●	●	●								
Ø 4,25	●		●	●	●	●	●		●							
Ø 5,0		●	●	●	●	●	●		●	●						
Ø 5,5		●	●	●	●	●	●		●	●	●					
For D3/D4 bone																

Protocols and sequences are just suggested with an illustrative purpose. It's up to the surgeon to select the best surgical option for the anatomy of the patient.

Sirio-T nasal, pterigoid and zygomatic, **advanced atrophies implants**

Atrophies in maxillary bone leave a basal bone residue too thin for a traditional implant surgery, along with the presence of the nose cavities and more pneumatized maxillary sinuses, which constitute an anatomic limit. Thus, Tecnomed Technique suggest the placement of two pterygoid implants, two Zygomatic in the Maxillary resistance pillars, and two Sirio-T Nasal implants under the nose bone pavement. This is a surgery technique with a predictable outcome that gives to the surgeon a successful option for the resolution of extreme maxillary atrophies.
It is useful to carry on a complete case study with 3D RX, a CT scan and a stereolithographic model of the Maxillary.
Immediate loading is suggested only with every load distributed on a multi-implant system in which every load is duly distributed.

Sirio-T nasal

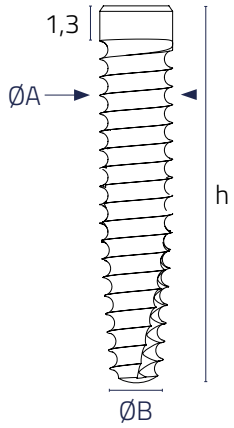
ZVI-SF-T
Zygomatic

TV-tr-T
Pterigoid

Instruments, drills
and components pag. 62-63

Sirio-T nasal

Cylindrical conical internal hexagon implants



h = length
ØA = thread diameter
ØB = apex diameter

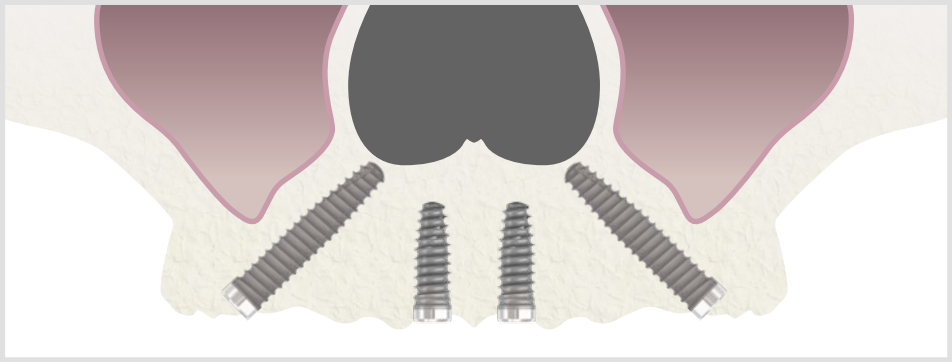
Instruments, drills
and components pag. 62-63

Platform Normal

code	implant Ø	h	ØA	ØB
SIRIO 4-19	4,0 ■	19	4,0	2,8
SIRIO 4-21	4,0 ■	21	4,0	2,8
SIRIO 4-23	4,0 ■	23	4,0	2,8

Platform Normal

code	implant Ø	h	ØA	ØB
SIRIO 4,5-19	4,5 □	19	4,5	2,8
SIRIO 4,5-21	4,5 □	21	4,5	2,8
SIRIO 4,5-23	4,5 □	23	4,5	2,8



Sirio-T nasal implants can be placed slightly inclined in premolar region, in order to reach the bone between the maxillary sinus and the nose cavity, or straight with no inclination taking advantage of the bi-cortical bone that circles the nose. Inclined implant has to be long enough to cross through the sinus, and it's up to the surgeon to choose if a bone graft is needed for this surgery.
Its sharp edge and deep thread gives to this implant an extremely strong primary retention, ideal for immediate loading techniques. Its collar presents a machined surface that reduces the possibility of inflammatory processes around it. The Normal internal hexagon connection is the same of other Tecnomed Implants.
It is mandatory to ensure that the sinus is not inflamed before practicing any kind of intervention.

Surgical protocol

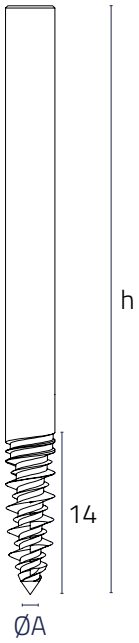
	 SF04-T	 SFTC 3,5-T h 19-21-23	 SFTC 4-T h 19-21-23	 SFTC 4,5-T h 19-21-23
	Pilot drill	Conical drills		
Ø 4,0	●	●*	●	
Ø 4,5	●	●	●*	●

For D2/D3 bone

*Sirio-T nasal implants can be placed with an intermediate drill in D3 bone, achieving an optimal primary stability.
Protocols and sequences are just suggested with an illustrative purpose. It's up to the surgeon to select the best surgical option for the anatomy of the patient.

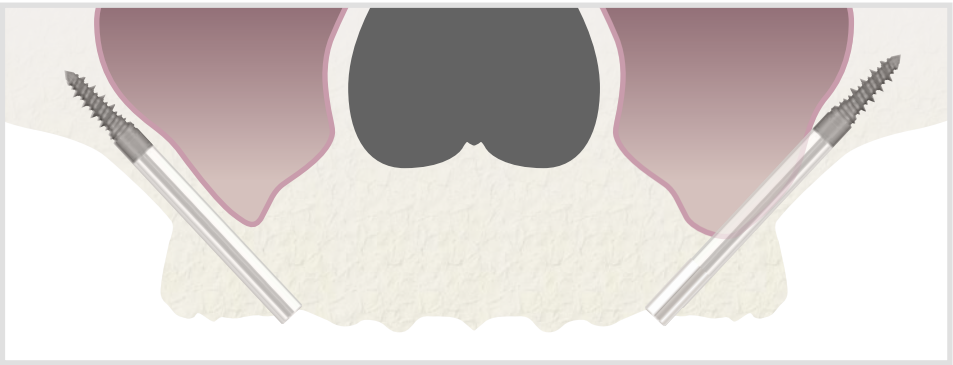
ZVI-SF-T

Zygomatic implants without micro-thread



Platform **Normal**

code	implant Ø	h	ØA
ZVI4-35-sf	4,1	35	1,5
ZVI4-40-sf	4,1	40	1,5
ZVI4-45-sf	4,1	45	1,5
ZVI4-50-sf	4,1	50	1,5
ZVI4-55-sf	4,1	55	1,5



h = length
ØA = apex diameter

Instruments, drills
and components pag. 62-63

ZVI-SF-T Tecnomed Zygomatic implant is placed,with an extra-sinus approach, on the external Maxillary wall, bypassing the sinus in order to avoid damages to the Schneider membrane. It is anchored in the cheekbone, fit to sustain dental fixtures. The design of this implant consists in a smooth body, ending with an aggressive and sharp threaded tip of just 15 mm. The Normal internal hexagon connection, common to others Tecnomed implants, allows an easy prosthetic restoration, using every component from the Connector Bridge Abutment System.

Surgical protocol

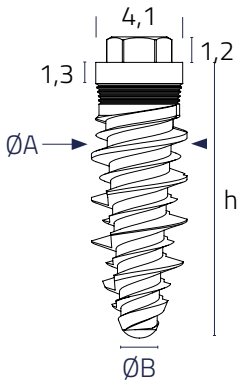
SFZR-T	SFZD-2-T	SFZD-1-T	SFZS-42-T	SFZ-42-T	SZ-T
Spherical drill for zygomatic implants	Rough grain diamond drill	Fine grain diamond drill	Short conical drill, from 35 to 40 mm heights	Long conical drill, from 35 to 55 mm heights	Depth probe for zygomatic implants
●	●	●	h 35-40	h 35-40-45-50-55	●

For D1/D2 bone

Protocols and sequences are just suggested with an illustrative purpose. It's up to the surgeon to select the best surgical option for the anatomy of the patient.

TV-tr-T Pterigoid h 1,2 mm

Conical Plus implants, external hexagon, double thread, trans-mucous



h = length
ØA = thread diameter
ØB = apex diameter

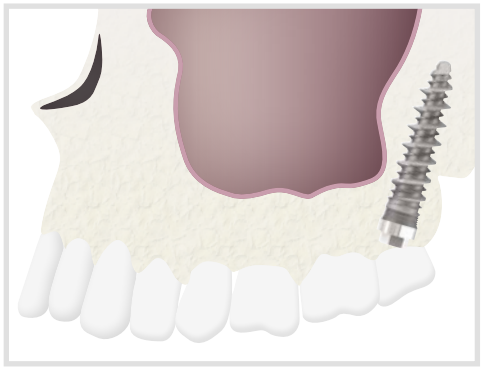
Instruments, drills
and components, pag. 62-63

Platform Normal 1,2

code	implant Ø	h	ØA	ØB
TV4-7-Tr-1,2	4,0 ■	19	4,0	1,6
TV4-8-Tr-1,2	4,0 ■	22	4,0	1,6

Platform Normal 1,2

code	implant Ø	h	ØA	ØB
TV4,5-7-Tr-1,2	4,5 □	19	4,5	1,6
TV4,5-8-Tr-1,2	4,5 □	22	4,5	1,6



Tecnomed Pterigoid implant, placed in the posterior sector of an atrophic maxilla, allows to reach the palatine wall of the pyramidal bone. The double thread in the central part of the body is designed to compact the tuberal bone, while the self-taping tip of the fixture of just 1,6 mm allows an atraumatic progression in compact bone. Its collar presents a machined surface that reduces the possibility of inflammatory processes around it. The external hexagon connection of 1,2 mm height facilitates the prosthetic restoration.

Surgical protocol



	SF04-T	SF20P-T	SF25P-T
	Pilot drill	Cylindrical drill ø 2 mm	Cylindrical drill ø 2,5 mm
Ø 4,0	●	●	
Ø 4,5	●	●	●

For D1/D2 bone, apical portion of pyramidal bone

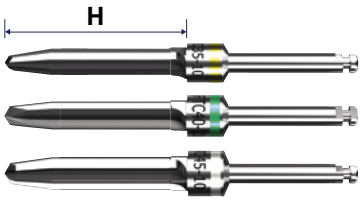
For D3/D4 bone, coronal portion of tuberal bone

Protocols and sequences are just suggested with an illustrative purpose. It's up to the surgeon to select the best surgical option for the anatomy of the patient.

Surgical kit for advanced atrophies implants

Sirio Nasal, Zygomatic and Pterigoid Implants

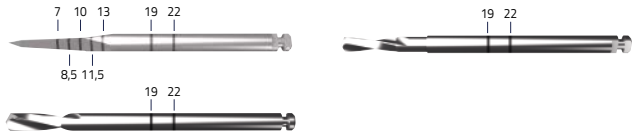
CONICAL DRILLS FOR SIRIO NASAL IMPLANTS



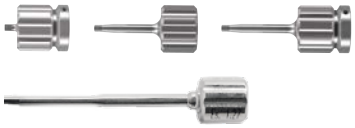
H	Ø 3,5	Ø 4,0	Ø 4,5
19 mm	SFTC 3,5-19	SFTC 4-19	SFTC 4,5-19
21 mm	SFTC 3,5-21	SFTC 4-21	SFTC 4,5-21
23 mm	SFTC 3,5-23	SFTC 4-23	SFTC 4,5-23

PTERIGOID IMPLANTS DRILLS

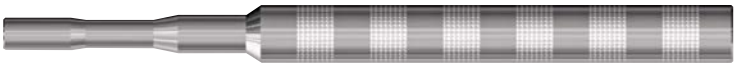
SF04-T - Pilot drill with depth markings
SF20P-T - Cylindrical drill ø 2 mm for pterygoid implants
SF25P-T - Cylindrical drill ø 2,5mm for pterygoid implants



SKI-2R-T h 2 mm **SKI-13R-T** h 13 mm
SKI-10-T h 10 mm **SKI-40-T** h 40 mm
⬢ 1,28 mm hex. Digital drivers for pointed fastening screws



SG-00-T
Square head driver for superior arch



○ 4 mm

SKI-P-T
Pen driver for fastening screws 1,28 mm hexagon

⬢ 1,28 mm

SKE-P-T
Pen driver for cap screws 0,9 mm hexagon

⬢ 0,9

DIAMOND DRILLS FOR ZYGOMATIC IMPLANTS

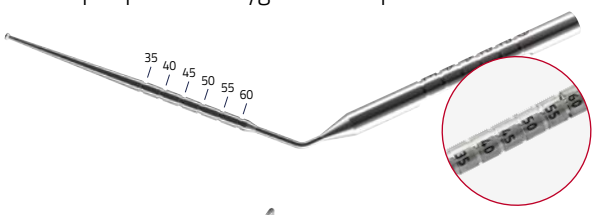
SFZD-2-T - Rough grain diamond drill
SFZD-1-T - Fine grain diamond drill

CONICAL DRILLS FOR ZYGOMATIC IMPLANTS

SFZS-42-T - Conical drill, heights from 35 to 40 mm
SFZ-42-T - Conical drill, heights from 35 to 55 mm

SFZR-T
Spherical drill for zygomatic implants

SZ-T
Depth probe for zygomatic implants



DZ-T
Retractor

PI-T
Zygomatic implants
driver with connection
PLATFORM NORMAL

2,43 mm ⬢  ■ 4 mm

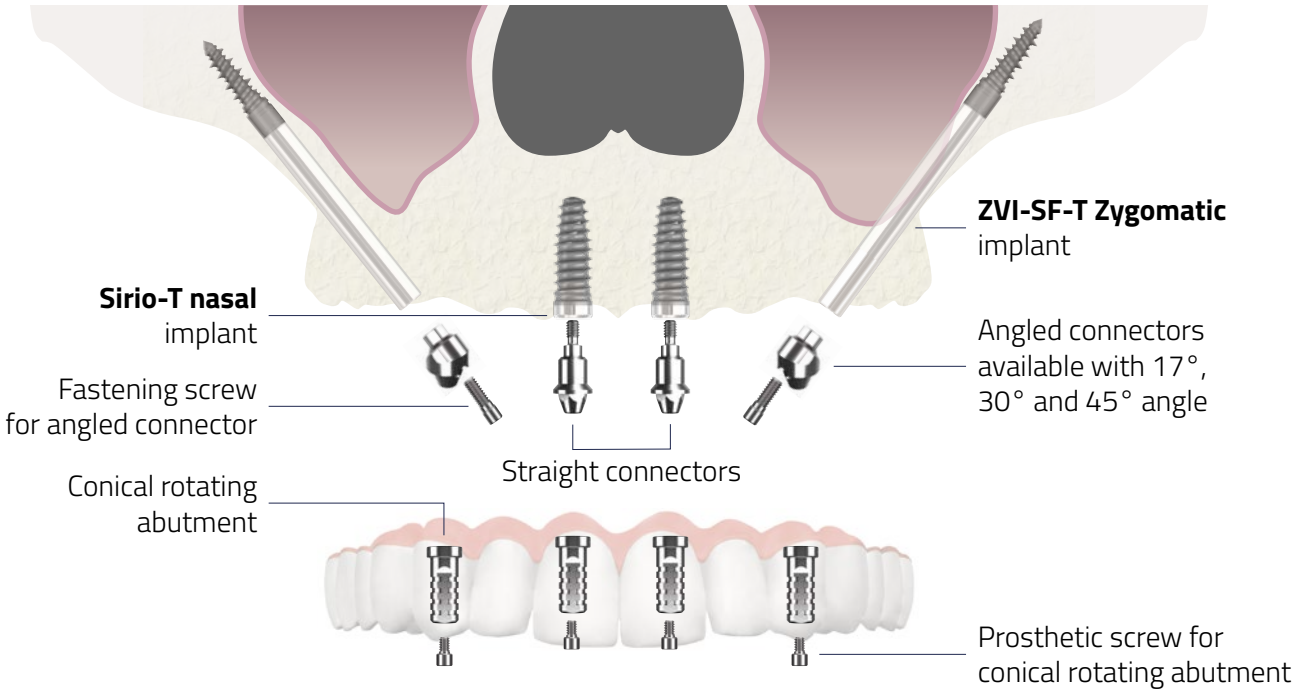
SKE-10-T / SKE-13-T
Digital driver for 0,9
cap screws ⬢

■ □ Square connection ⬢ Hexagon connection ○ Octagon connection

Surgical technique Connector Bridge Abutment

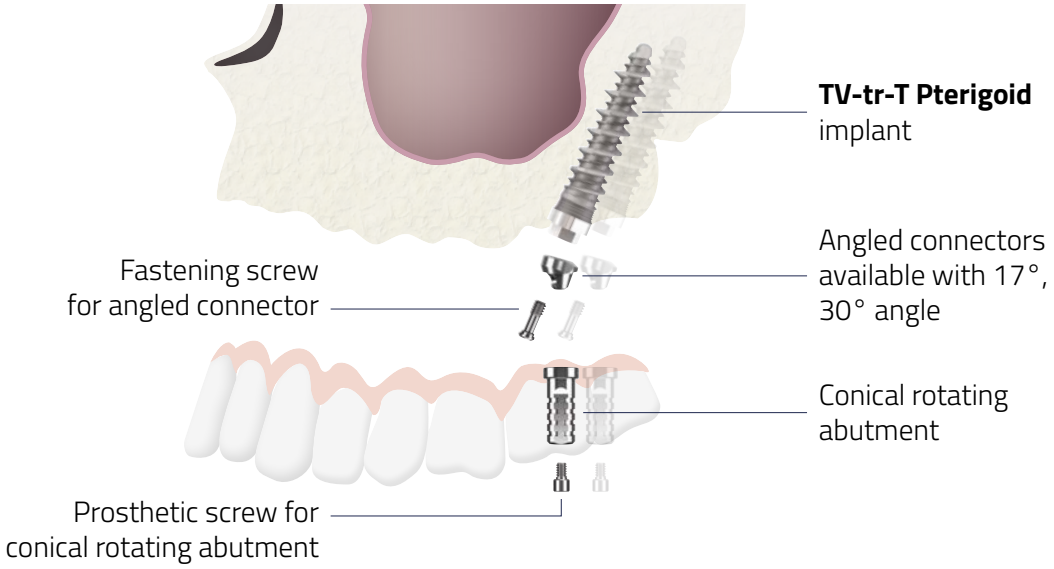
Sirio-T Nasal, Zygomatic and Pterigoid implants

PREMAXILLA



For the complete prosthetic **Connector Bridge abutment internal hexagon Platform Normal** see page 130

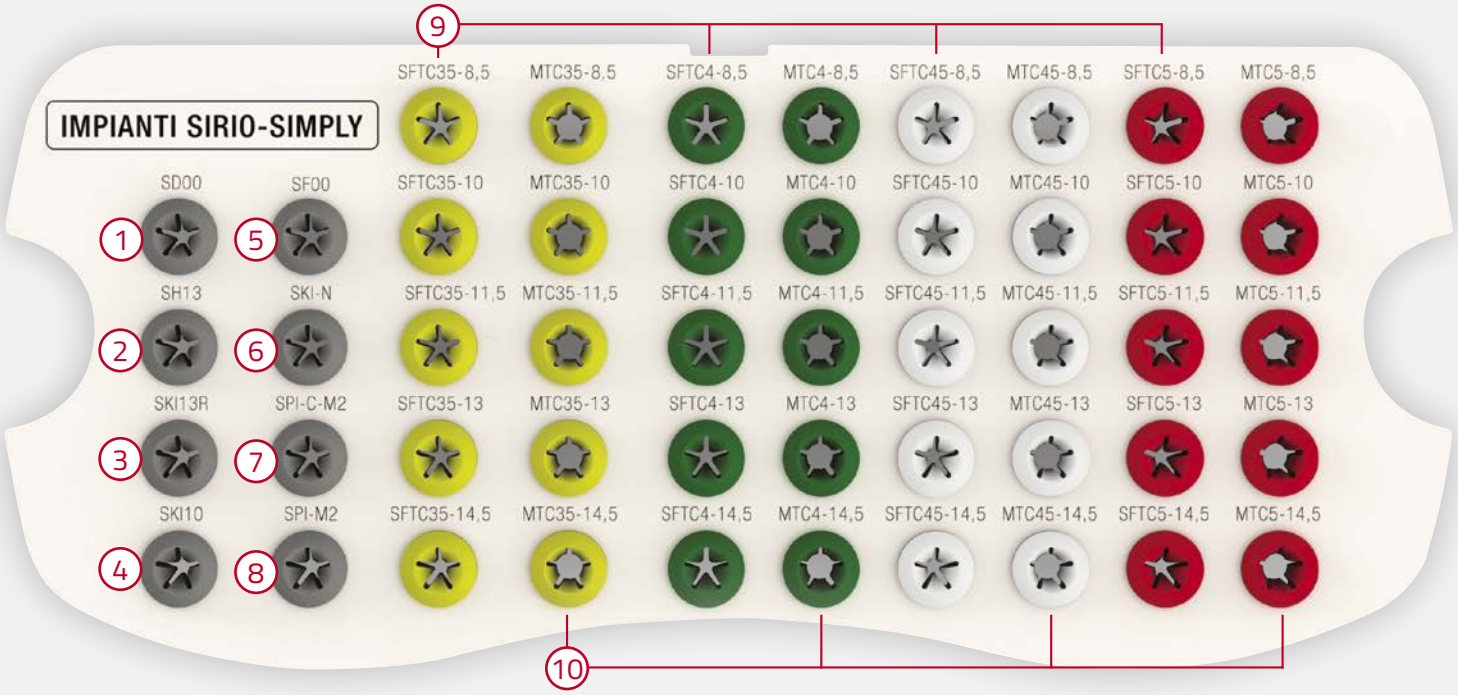
POSTMAXILLA



SURGICAL KITS AND INSTRUMENTS

Surgical kit for Simply-T and Sirio-T implants

Cod. SLL903.7



1. SD-00-T
Handpiece driver

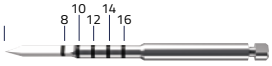
2. SH13-T
Handpiece driver

1,28 mm

3. SKI-13R-T h 13 mm
1,28 mm hex.
Digital driver for fastening screws

4. SKI-10-T h 10 mm
1,28 mm hex.
Digital driver for fastening screws

5. SF00-T
Pilot drill ø 1,8 mm



6. SKI-N-T
Extension for torque wrench

1,28 mm 4 mm

7. SPI-C-M2-T
Handpiece o-ring driver for mountless internal hex. implants PLATFORM LARGE

3 mm

Also available as SPI-C-M-T long version

8. SPI-M2-T
Handpiece o-ring driver for mountless internal hex. implants PLATFORM NORMAL

2,43 mm

Also available as SPI-M-T long version

9. HANDPIECE CONICAL DRILLS WITH STOPPER

H*	Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0
8,5 mm	SFTC 3,5-8,5	SFTC 4-8,5	SFTC 4,5-8,5	SFTC 5-8,5
10,0 mm	SFTC 3,5-10	SFTC 4-10	SFTC 4,5-10	SFTC 5-10
11,5 mm	SFTC 3,5-11,5	SFTC 4-11,5	SFTC 4,5-11,5	SFTC 5-11,5
13,0 mm	SFTC 3,5-13	SFTC 4-13	SFTC 4,5-13	SFTC 5-13
14,5 mm	SFTC 3,5-14,5	SFTC 4-14,5	SFTC 4,5-14,5	-

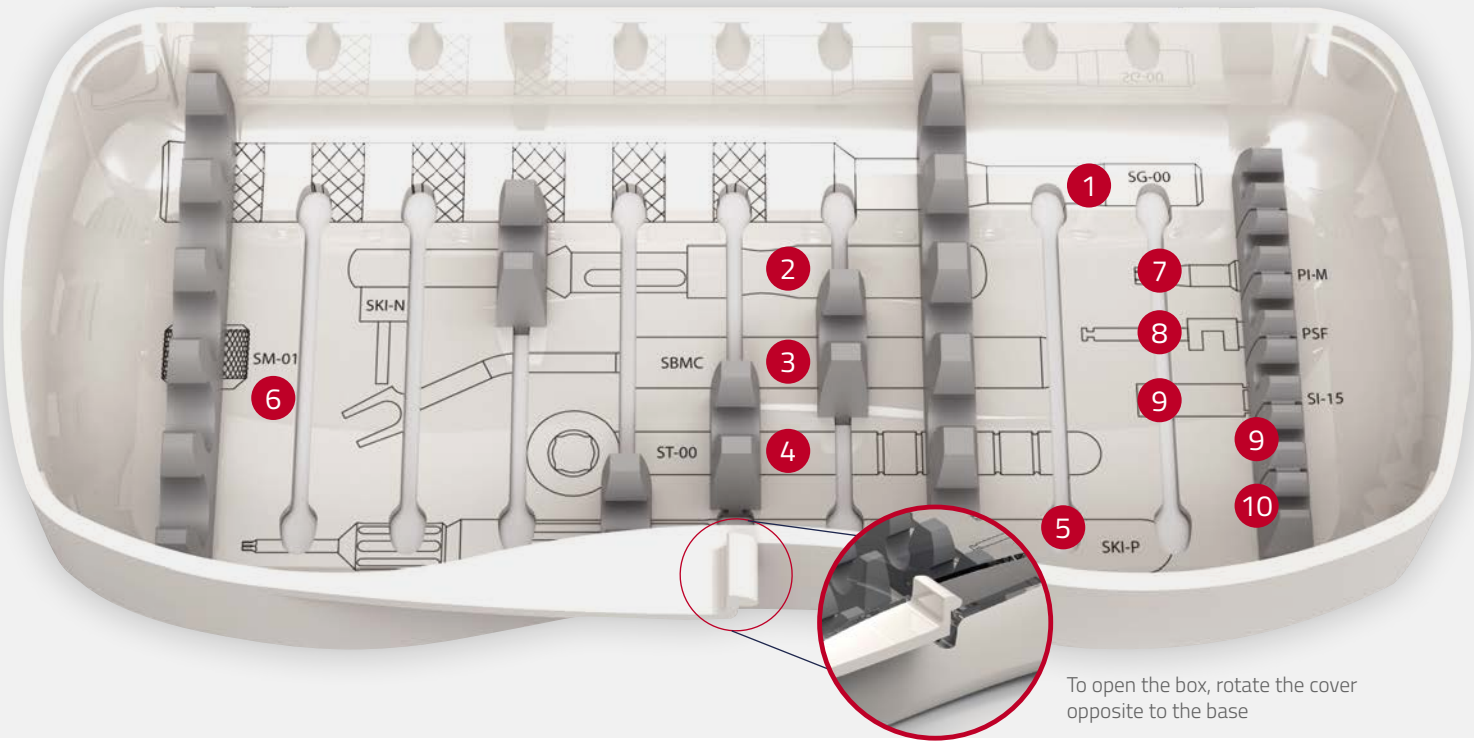
* Surgical drills are longer than the fixtures, the color mark matches their diameter.
See surgical protocols page 22.

10. BONE TAPS
They have to be employed with **SI-10-T** or **SI-15-T** 4x4 mm connection ratchet extensions.

4 mm

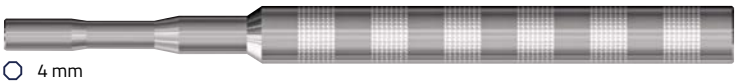
H	Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0
8,5 mm	MTCS 3,5-8,5	MTCS 4-8,5	MTCS 4,5-8,5	MTCS 5-8,5
10,0 mm	MTCS 3,5-10	MTCS 4-10	MTCS 4,5-10	MTCS 5-10
11,5 mm	MTCS 3,5-11,5	MTCS 4-11,5	MTCS 4,5-11,5	MTCS 5-11,5
13,0 mm	MTCS 3,5-13	MTCS 4-13	MTCS 4,5-13	MTCS 5-13
14,5 mm	MTCS 3,5-14,5	MTCS 4-14,5	MTCS 4,5-14,5	-

Instruments for Simply-T and Sirio-T implants



To open the box, rotate the cover opposite to the base

1. SG-00-T
4x4 mm square head screwdriver



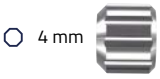
2. ST-D-100-T
Torque wrench 15 to 100 NW with insert

3. SBMC-T
Mount locking wrench

4. ST-00-T
Wrench

5. SKI-P-T
Pen driver for fastening screws

6. SM-01-T
Manual driver



7. PI-M-T
O-ring driver for internal hexagon fixtures
NO-MOUNT PLATFORM NORMAL

Also available without O-ring, PI-T version, for MOUNT implant with transfer.

8. PSF-T
Drill extension

9. SI-10-T / SI-15-T
4x4 mm connection ratchet extensions

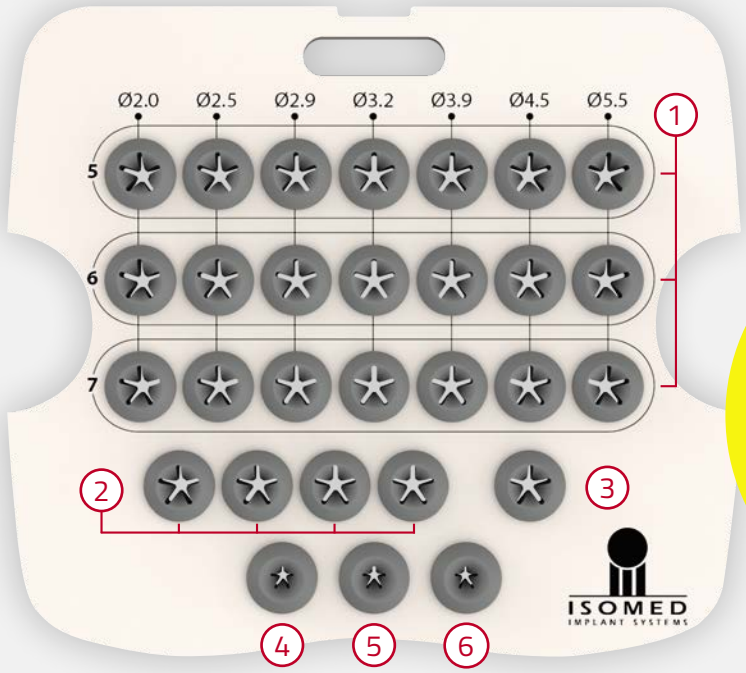
10. PI-C-M-T
O-ring driver for internal hexagon fixtures
NO-MOUNT PLATFORM LARGE

Also available without O-ring, PI-C-T version, for MOUNT implant with transfer.

■ □ Square connection ⬢ Hexagon connection ○ Octagon connection

Surgical kit for Short-T and Tiz-T implants

Cod. PA412R007999



TOGLIERE LOGO

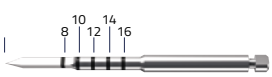
1. SHORT-T DRILLS

H	Ø 2,0	Ø 2,5	Ø 2,9	Ø 3,2	Ø 3,9	Ø 4,5	Ø 5,5
Final drills for implants with Ø	intermediate step	intermediate step	intermediate step	intermediate step	4,25	5,0	6,0
5 mm	SF20-5	SF25-5	SF29-5	SF32-5	SF39-5	SF45-5	SF55-5
6 mm	SF20-6	SF25-6	SF29-6	SF32-6	SF39-6	SF45-6	SF55-6
7 mm	SF20-7	SF25-7	SF29-7	SF32-7	SF39-7	SF45-7	SF55-7

2. TIZ-T DRILLS

H	Ø 3,0
10,0 mm	SFZ 3-10
11,5 mm	SFZ 3-11,5
13,0 mm	SFZ 3-13
14,5 mm	SFZ 3-14,5

3. SF00-T
Pilot drill ø 1,8 mm

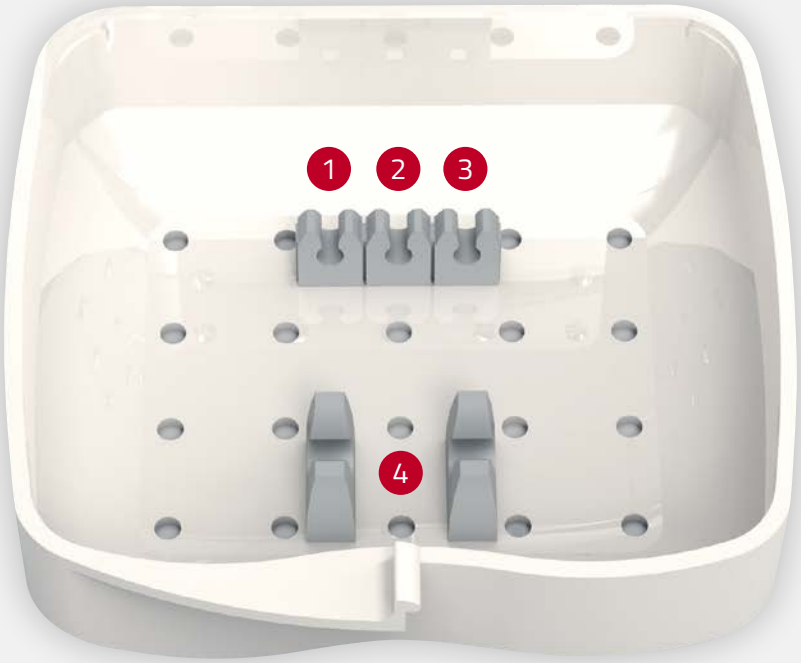


4. SKI-13R-T
● 1,28 mm hex. Digital driver for fastening screws

5. SD-00-T
Handpiece driver

6. PSF-T
Drill extension

Instruments for Short-T and Tiz-T implants



1. PI-T
Driver for internal hexagon fixtures
platform NORMAL

2,43 mm ⬢  ■ 4 mm

2. PI-Z-T
Driver for internal hexagon fixtures
with TIZ connection

2,2 mm ⬢  ■ 4 mm

3. SI-10-T
4x4 mm connection ratchet extension

4 mm ○  ■ 4 mm

4. ST-00-T
Ratchet wrench

4 mm ○ 

In NO-MOUNT fixture version the layout of the tool kit is different.
On the drill holder base, instead of SD00-T and PSF-T, SPI-M2-T and SPI-Z-M2-T are included.
Under the tool box, instead of PI-T, PIZ-T and SI-10-T, PSF-T, PI-M-T and SPI-Z-T are included.

SPI-M2-T
Handpiece o-ring driver for mountless internal hexagon implants PLATFORM NORMAL

⬢ 
2,43 mm

Also available as SPI-M-T long version

SPI-Z-M2-T
Handpiece o-ring driver for mountless internal hexagon implants with PLATFORM TIZ-TIAZ connection

⬢ 
2,2 mm

PI-M-T
O-ring driver for internal hexagon fixtures NO-MOUNT PLATFORM NORMAL

⬢  ■
2,43 mm 4 mm

SPI-Z-T
Manual o-ring driver for mountless internal hexagon implants with PLATFORM TIZ-TIAZ connection.

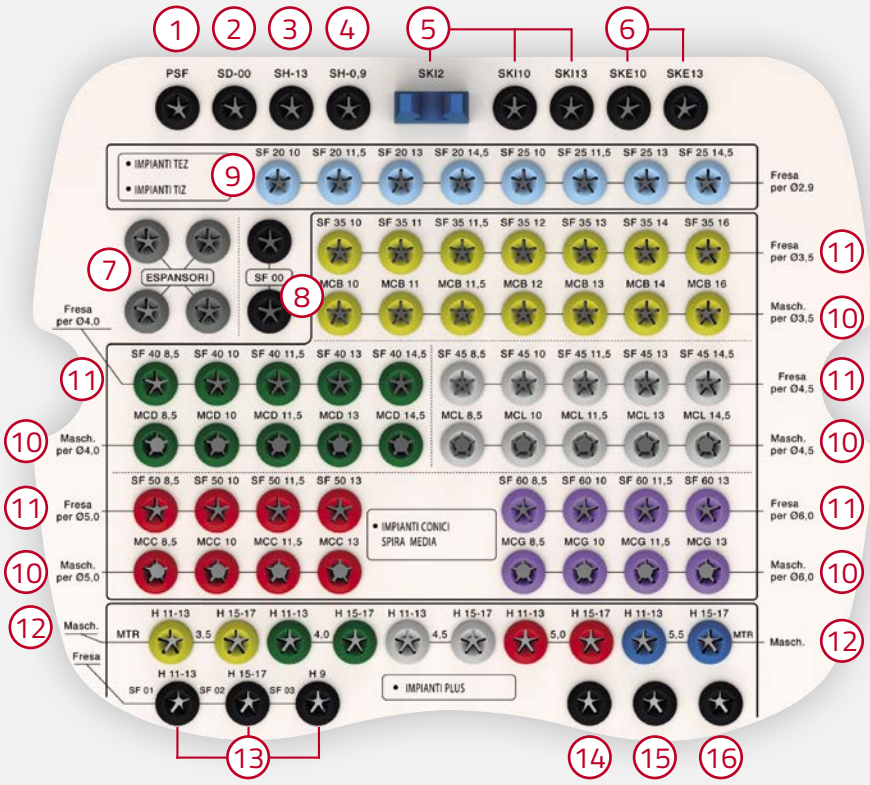
⬢  ■
2,2 mm 4 mm

■ □ Square connection ⬢ Hexagon connection ○ Octagon connection

Surgical kit for large and medium thread conical implants

Kono s-T, Close BL-T, TI_c-T, TI_c-BL-T, TVI Plus-T, Uniko-T, TZ_EP-T, TZP-T and TVM-T

Cod. PA454



1. PSF-T
Drill extension

2. SD-00-T
Handpiece driver

3. SH13-T
Handpiece driver

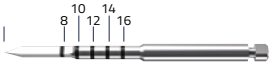
4. SH0,9-T
Handpiece driver for external hex. fastening screws

5. SKI-2R-T h 2 mm
SKI-10-T h 10 mm
SKI-13R-T h 13 mm
● 1,28 mm hex. Digital driver for fastening screws

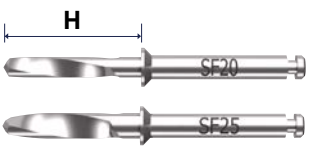
6. SKE-10-T / SKE-13-T
Digital driver for external hex. fastening screws, 0,9 mm tip ●

7. 0041-T - 0041/A-T
0041/B-T - 0041/C-T
Bone expanders

8. SF00-T
Pilot drill ø 1,8 mm

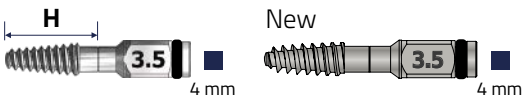


9. DRILLS WITH DEPTH STOPPER



H	Ø 2,0	Ø 2,5
10,0 mm	SF 20-10	SF 25-10
11,5 mm	SF 20-11,5	SF 25-11,5
13,0 mm	SF 20-13	SF 25-13
14,5 mm	SF 20-14,5	SF 25-14,5

10. BONE TAPS FOR MEDIUM THREAD CONICAL IMPLANTS

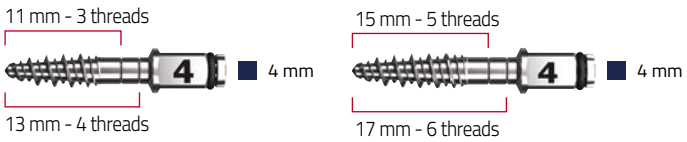


H	Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0	Ø 6,0
8,5 mm	-	MCD 8,5	MCL 8,5	MCC 8,5	MCG 8,5
10,0 mm	MCB 10	MCD 10	MCL 10	MCC 10	MCG 10
10,0 mm	MCB 10 New	-	-	-	-
11,0 mm	MCB 11	-	-	-	-
11,5 mm	MCB 11,5 New	MCD 11,5	MCL 11,5	MCC 11,5	MCG 11,5
12,0 mm	MCB 12	-	-	-	-
13,0 mm	MCB 13 New	MCD 13	MCL 13	MCC 13	MCG 13
14,0 mm	MCB 14	-	-	-	-
14,5 mm	MCB 14,5 New	MCD 14,5	MCL 14,5	-	-
16,0 mm	MCB 16	-	-	-	-

11. CONICAL DRILLS WITH DEPTH MARKING

H	Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0	Ø 6,0
8,5 mm	-	SF 40-8,5	SF 45-8,5	SF 50-8,5	SF 60-8,5
10,0 mm	SF 35-10	SF 40-10	SF 45-10	SF 50-10	SF 60-10
10,0 mm	SF 35-10 New	-	-	-	-
11,0 mm	SF 35-11	-	-	-	-
11,5 mm	SF 35-11,5 New	SF 40-11,5	SF 45-11,5	SF 50-11,5	SF 60-11,5
12,0 mm	SF 35-12	-	-	-	-
13,0 mm	SF 35-13 New	SF 40-13	SF 45-13	SF 50-13	SF 60-13
14,0 mm	SF 35-14	-	-	-	-
14,5 mm	SF 35-14,5 New	SF 40-14,5	SF 45-14,5	-	-
16,0 mm	SF 35-16	-	-	-	-

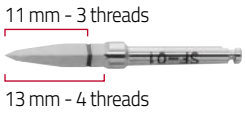
12. BONE TAPS FOR PLUS IMPLANTS



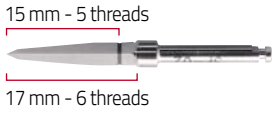
H	Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0	Ø 5,5
11-13 mm (3-4 spire)	MTR3,5-3/4	MTR4-3/4	MTR4,5-3/4	MTR5-3/4	MTR5,5-3/4
15-17 mm (5-6 spire)	MTR3,5-5/6	MTR4-5/6	MTR4,5-5/6	MTR5-5/6	MTR5,5-5/6

13. CONICAL DRILLS WITH DEPTH MARKINGS

SF-01-T



SF-02-T



SF-03-T

14. SPI-Z-M2-T
Handpiece o-ring driver for mountless internal hexagon implants with PLATFORM TIZ-TIAZ connection

15. SPI-M2-T
Handpiece o-ring driver for mountless internal hexagon implants PLATFORM NORMAL

Also available as SPI-M-T long version

16. SPI-C-M2-T
Handpiece o-ring driver for mountless internal hexagon implants PLATFORM LARGE

Also available as SPI-C-M-T long version

Useful tool

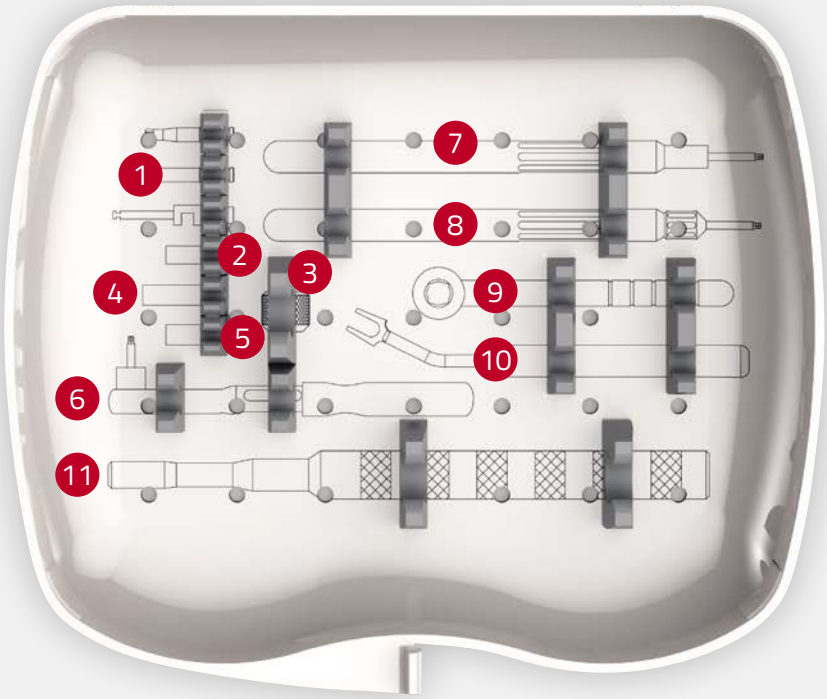
DCD-EP-T
TZEP-T Implant driver available under request

■ □ Square connection ⬢ Hexagon connection ○ Octagon connection

Instruments for large and medium thread conical implants

Kono s-T, Close BL-T, TI_c-T, TI_c-BL-T, TVI Plus-T, Uniko-T, TZ_EP-T, TZP-T and TVM-T

Cod. PA454



1. SPI-Z-T / PI-M-T / PI-C-M-T
O-ring drivers for internal hexagon mountless fixtures

2,2 mm ⬢  ■ 4 mm **SPI-Z-T** - Platform Tiz/Tiaz

2,43 mm ⬢  ■ 4 mm **PI-M-T** - Platform Normal

3 mm ⬢  ■ 4 mm **PI-C-M-T** - Platform Large

Also available in their versions without O-ring, PI-Z-T, PI-T, PI-C-T, to use with implants with mount-transfer.

2. SIV-T
3X3 connector

3 mm □  ■ 4 mm

3. SM-01-T
Manual driver

4 mm ○ 

4. PE-T
Driver for external hex. implants

⬢  ■ 4 mm

5. SI-10-T / SI-15-T
4x4 mm connection ratchet extensions

4 mm ○  ■ 4 mm

6. ST-D-100-T
Torque wrench 15 to 100 NW with insert

4 mm □ 

SKI-N-T
Insert for adjustable torque wrench

1,28 mm ⬢  ■ 4 mm

7. SKE-P-T
Pen driver for external hex. implants

⬢ 0,9 mm

8. SKI-P-T
Pen driver for fastening screws

⬢ 1,28 mm

9. ST-00-T
Wrench

○ 4 mm

10. SBMC-T
Mount locking wrench

□ 4 mm 

11. SG-00-T
4x4 mm square head screwdriver

○ 4 mm

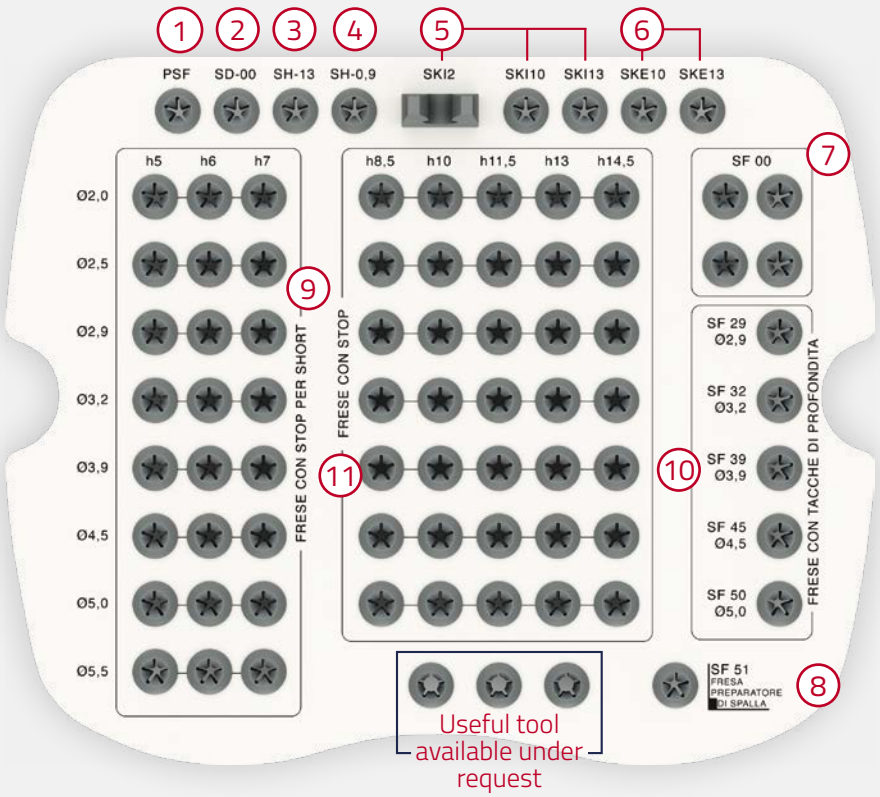
■ □ Square connection ⬢ Hexagon connection ○ Octagon connection

TOGLIERE LOGO?

Surgical kit for Progressive-T, cylindrical and Short-T implants

Progressive-T, TI-T and Short-T

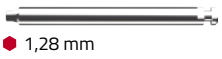
Cod. PA455



1. PSF-T
Drill extension

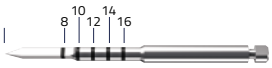
2. SD-00-T
Handpiece driver

3. SH13-T
Handpiece driver



5. SKI-2R-T h 2 mm
SKI-10-T h 10 mm
SKI-13R-T h 13 mm
● 1,28 mm hex. Digital driver for fastening screws

7. SF00-T
Pilot drill ø 1,8 mm

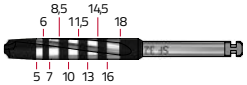


8. SF51-T
Shoulder preparation drill

9. SHORT DRILLS

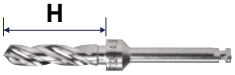
H	Ø 2,0	Ø 2,5	Ø 2,9	Ø 3,2	Ø 3,9	Ø 4,5	Ø 5,5
	intermediate step	intermediate step	intermediate step	intermediate step	final for implants with ø 4,25	final for implants with ø 5,0	final for implants with ø 6,0
5 mm	SF20-5	SF25-5	SF29-5	SF32-5	SF39-5	SF45-5	SF55-5
6 mm	SF20-6	SF25-6	SF29-6	SF32-6	SF39-6	SF45-6	SF55-6
7 mm	SF20-7	SF25-7	SF29-7	SF32-7	SF39-7	SF45-7	SF55-7

10. FINAL DRILLS WITH DEPTH MARKINGS



SF29-T for imp. ø 3,3 mm
SF32-T for imp. ø 3,75 mm
SF39-T for imp. ø 4,25 mm
SF45-T for imp. ø 5 mm
SF50-T for imp. ø 5,5 mm

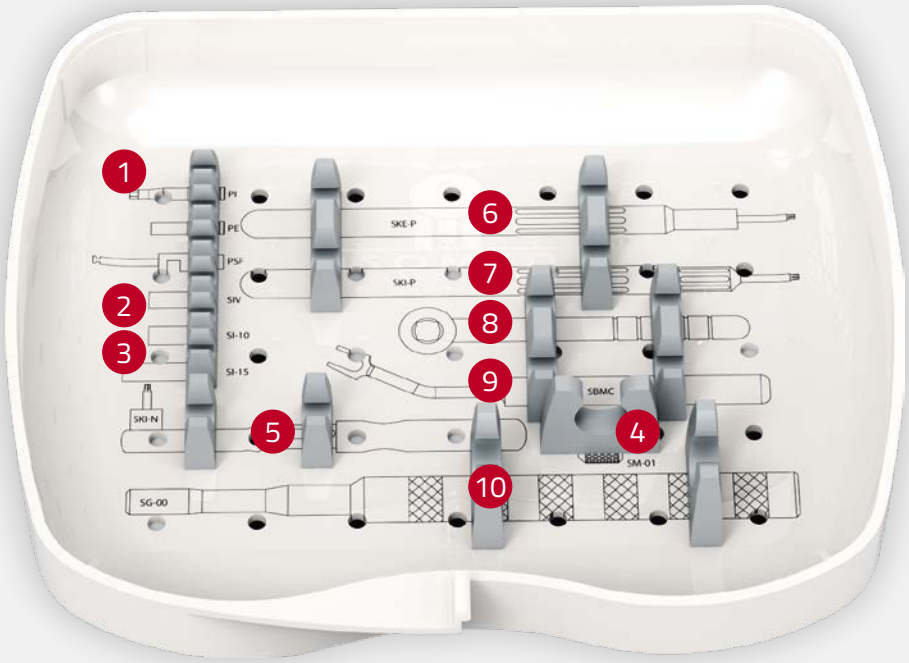
11. DRILLS WITH DEPTH STOPPER



H	Ø 2,0	Ø 2,5	Ø 2,9	Ø 3,2	Ø 3,9	Ø 4,5	Ø 5,0
	intermediate step	intermediate step	final for implants with ø 3,3	final for implants with ø 3,75	final for implants with ø 4,25	final for implants with ø 5,0	final for implants with ø 5,5
8,5 mm	SF20-8,5	SF25-8,5	SF29-8,5	SF32-8,5	SF39-8,5	SF45-8,5	SF50-8,5
10,0 mm	SF20-10	SF25-10	SF29-10	SF32-10	SF39-10	SF45-10	SF50-10
11,5 mm	SF20-11,5	SF25-11,5	SF29-11,5	SF32-11,5	SF39-11,5	SF45-11,5	SF50-11,5
13,0 mm	SF20-13	SF25-13	SF29-13	SF32-13	SF39-13	SF45-13	SF50-13
14,5 mm	SF20-14,5	SF25-14,5	SF29-14,5	SF32-14,5	SF39-14,5	SF45-14,5	SF50-14,5

Instruments for Progressive-T, cylindrical and Short-T implants

Progressive-T, TI-T and Short-T



1. PI-Z-T / PI-T / PI-C-T
Driver for internal hexagon fixtures implants

2,2 mm ⬢  ■ 4 mm **PI-Z-T** - Platform Tiz/Tiaz

2,43 mm ⬢  ■ 4 mm **PI-T** - Platform Normal

3 mm ⬢  ■ 4 mm **PI-C-T** - Platform Large

Also available with o-ring, cod. SPI-Z-T, PI-M-T, PI-C-M-T
for NO-MOUNT implants.

2. SIV-T
3x3 mm connector

3 mm □  ■ 4 mm

3. SI-10-T / SI-15-T 4x4 mm
connection ratchet extensions

4 mm ○  ■ 4 mm

4. SM-01-T
Manual driver

4 mm ○ 

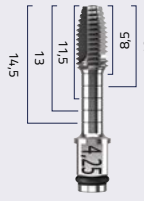
5. ST-D-100-T
Torque wrench 15 to 100 NW with insert

4 mm □ 

SKI-N-T - Insert for torque wrench

1,28 mm ⬢  ■ 4 mm

Useful instruments (available on request)



BONE TAPS

TBA-T for implants ø 3,3 mm
TBB-T for implants ø 3,75 mm
TBD-T for implants ø 4,25 mm
TBC-T for implants ø 5 mm
TIE-T for implants ø 5,5 mm

6. SKE-P-T
Chiave a penna per viti tappo esagono esterno

⬢ 0,9 mm

7. SKI-P-T
Pen driver for fastening screws

⬢ 1,28 mm

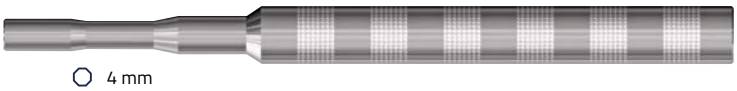
8. ST-00-T
Ratchet wrench

○ 4 mm

9. SBMC-T
Mount locking wrench

□ 4 mm 

10. SG-00-T
4x4 mm square head screwdriver



○ 4 mm

■ □ Square connection ⬢ Hexagon connection ○ Octagon connection

Surgical kit for Progressive-T and cylindrical implants

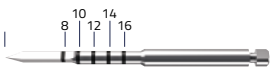
Progressive-T and TI-T

Cod. PA504R007999

1. CYLINDRICAL DRILLS WITH STOPPER

H	Ø 2,0	Ø 2,5	Ø 2,9	Ø 3,2	Ø 3,9	Ø 4,5	Ø 5,0
	intermediate step	intermediate step	final for implants with ø 3,3	final for implants with ø 3,75	final for implants with ø 4,25	final for implants with ø 5,0	final for implants with ø 5,5
8,5 mm	SF20-8,5	SF25-8,5	SF29-8,5	SF32-8,5	SF39-8,5	SF45-8,5	SF50-8,5
10,0 mm	SF20-10	SF25-10	SF29-10	SF32-10	SF39-10	SF45-10	SF50-10
11,5 mm	SF20-11,5	SF25-11,5	SF29-11,5	SF32-11,5	SF39-11,5	SF45-11,5	SF50-11,5
13,0 mm	SF20-13	SF25-13	SF29-13	SF32-13	SF39-13	SF45-13	SF50-13
14,5 mm	SF20-14,5	SF25-14,5	SF29-14,5	SF32-14,5	SF39-14,5	SF45-14,5	SF50-14,5

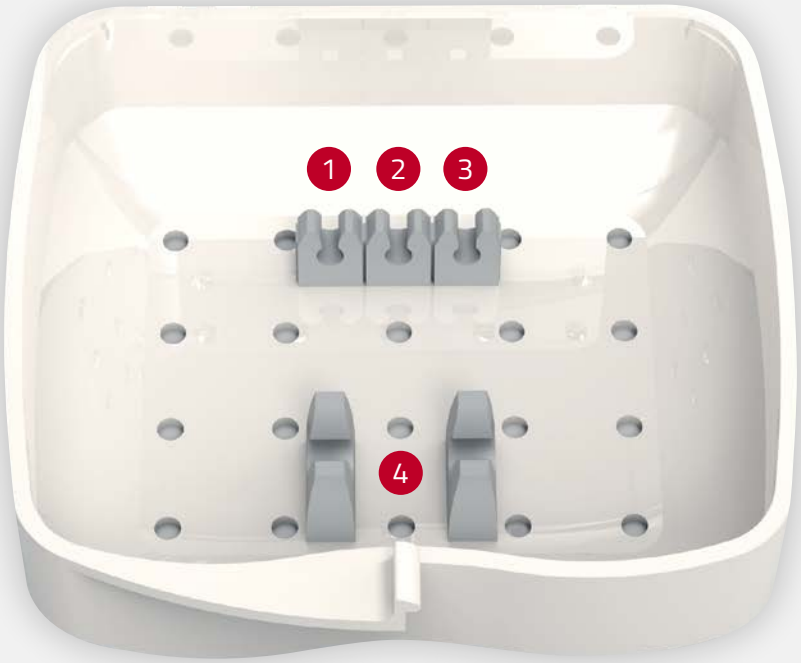
2. SF00-T
Pilot drill ø 1,8 mm



3. SF51-T
Shoulder preparation drill
ø 3,3 and 3,75 mm

Instruments for Progressive-T and cylindrical implants

Progressive-T and TI-T



1. PI-Z-T
Driver for internal hexagon fixtures
with TIZ connection

2,2 mm ⬢  ■ 4 mm

Also available as SPI-Z-T version, with o-ring
for NO-MOUNT implants, Platform Tiz/Tiaz.

2. PI-T
Driver for internal hexagon fixtures
PLATFORM NORMAL

2,43 mm ⬢  ■ 4 mm

Also available in PI-M-T driver for internal hexagon fixtures
NO-MOUNT PLATFORM NORMAL version.

3. SI-10-T
4x4 mm connection ratchet extension

4 mm ○  ■ 4 mm

4. ST-00-T
Ratchet wrench

4 mm ○ 

Useful Instruments (available on request)

SKI-10-T h 10 mm / **SKI-13R-T** h 13 mm
⬢ 1,28 mm hex. Digital driver for fastening screws

PI-C-T
Driver for internal hexagon fixtures Implants
PLATFORM LARGE

⬢ 3 mm  ■ 4 mm

Also available in PI-C-M-T driver for internal hexagon fixtures
NO-MOUNT Platform Large version.

SD-00-T
Handpiece driver

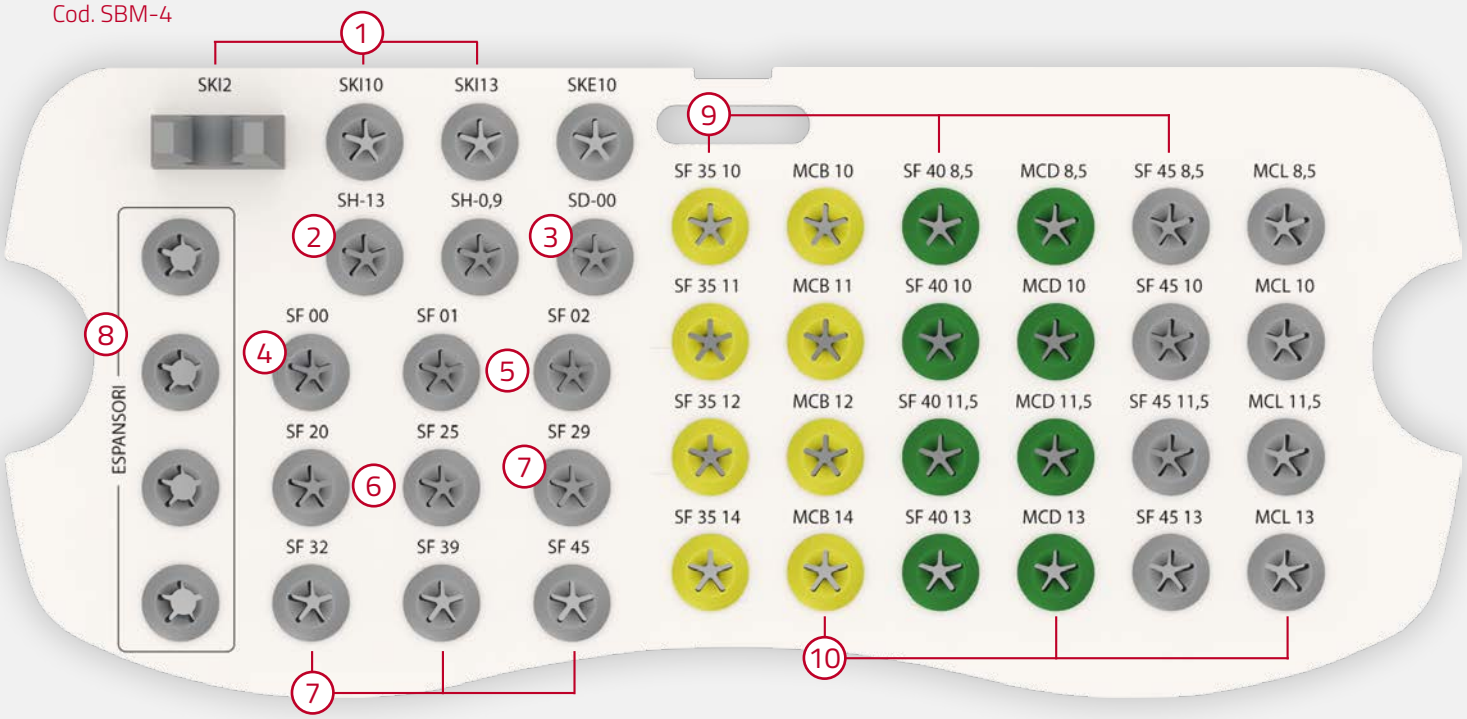
4 mm ○ 

PSF-T
Drill extension

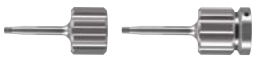
■ □ Square connection ⬢ Hexagon connection ○ Octagon connection

Starter kit for conical, Progressive-T and cylindrical implants

Cod. SBM-4



1. SKI-2R-T h 2 mm
SKI-10-T h 10 mm
SKI-13R-T h 13 mm
⬢ 1,28 mm hex. Digital driver for fastening screws

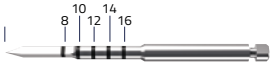


2. SH13-T
Handpiece driver

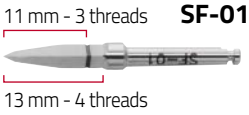
⬢ 1,28 mm

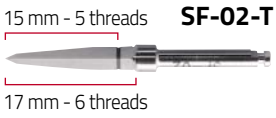
3. SD-00-T
Handpiece driver

4. SF00-T
Pilot drill ø 1,8 mm

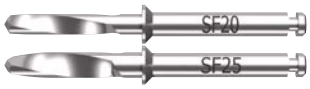


5. CONICAL DRILLS WITH DEPTH MARKINGS



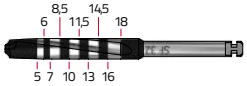


6. DRILLS WITH DEPTH STOPPER h 8,5 mm



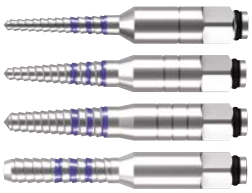
Ø 2,0	Ø 2,5
SF 20-8,5	SF 25-8,5

7. FINAL DRILLS WITH DEPTH MARKINGS



SF29-T for imp. ø 3,3 mm
SF32-T for imp. ø 3,75 mm
SF39-T for imp. ø 4,25 mm
SF45-T for imp. ø 5 mm

8. 0041-T - 0041/A-T
0041/B-T - 0041/C-T
Bone expanders



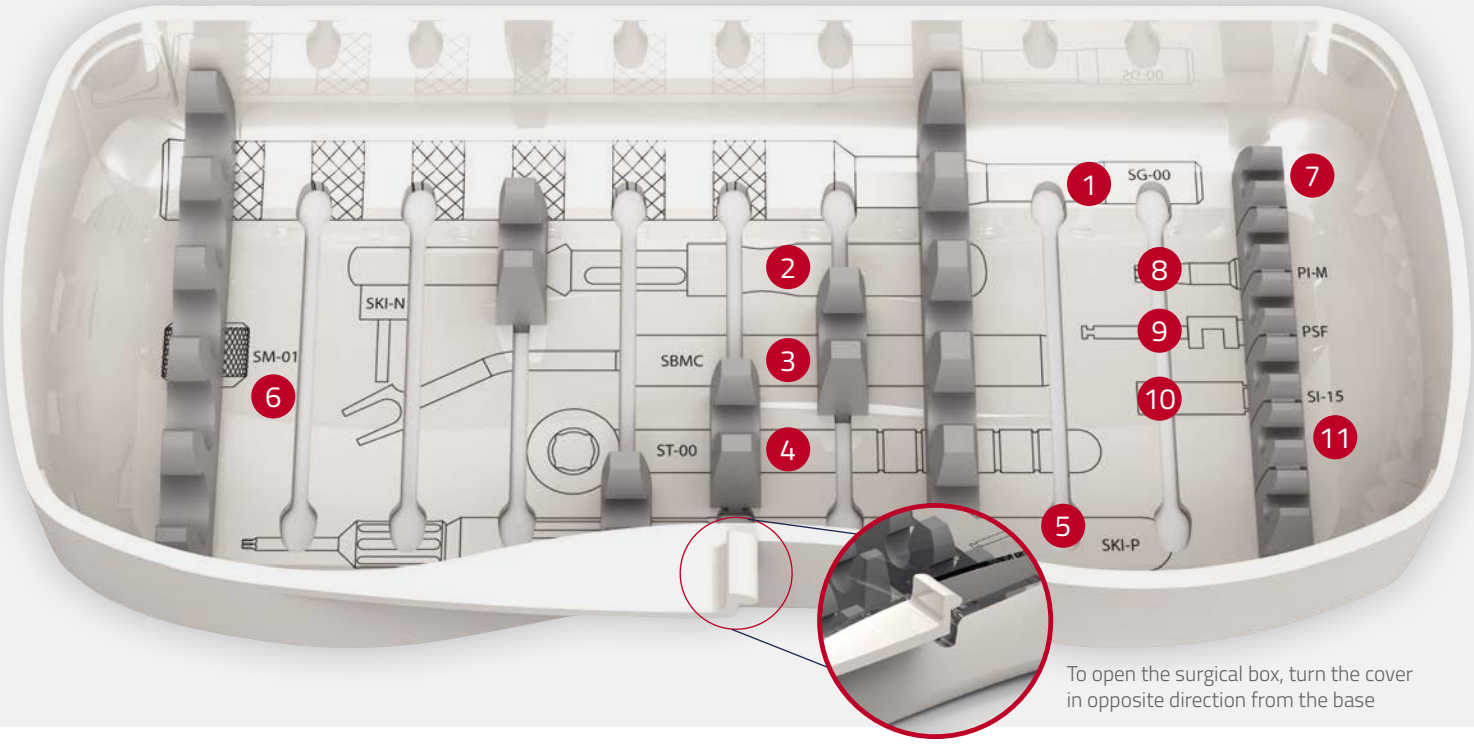
9. CONICAL DRILLS WITH DEPTH MARKINGS

H	Ø 3,5	Ø 4,0	Ø 4,5
8,5 mm	-	SF 40-8,5	SF 45-8,5
10,0 mm	SF 35-10	SF 40-10	SF 45-10
11,0 mm	SF 35-11	-	-
11,5 mm	-	SF 40-11,5	SF 45-11,5
12,0 mm	SF 35-12	-	-
13,0 mm	-	SF 40-13	SF 45-13
14,0 mm	SF 35-14	-	-

10. BONE TAPS FOR MEDIUM THREAD CONICAL IMPLANTS

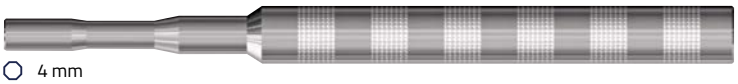
H	Ø 3,5	Ø 4,0	Ø 4,5
8,5 mm	-	MCD 8,5	MCL 8,5
10,0 mm	MCB 10	MCD 10	MCL 10
11,0 mm	MCB 11	-	-
11,5 mm	-	MCD 11,5	MCL 11,5
12,0 mm	MCB 12	-	-
13,0 mm	-	MCD 13	MCL 13
14,0 mm	MCB 14	-	-

Instruments for conical, Progressive-T and cylindrical implants



To open the surgical box, turn the cover in opposite direction from the base

1. SG-00-T
4x4 mm square head screwdriver



2. ST-D-100-T
Torque wrench 15 to 100 NW with insert

SKI-N-T
Insert for adjustable torque wrench

3. SBMC-T
Mount locking wrench

4. ST-00-T
Ratchet wrench

5. SKI-P-T
Pen driver for fastening screws

6. SM-01-T
Manual driver

7. SPI-Z-T
Driver for internal hexagon implants with TIZ connection

Also available without O-ring, PI-Z-T version, to use with implants with mount-transfer.

VA BENE LA TRADUZIONE?

8. PI-M-T
O-ring driver for internal hexagon fixtures NO-MOUNT PLATFORM NORMAL

Also available PI-T driver for internal hexagon fixtures WITH MOUNT PLATFORM NORMAL.

9. PSF-T
Drill extension

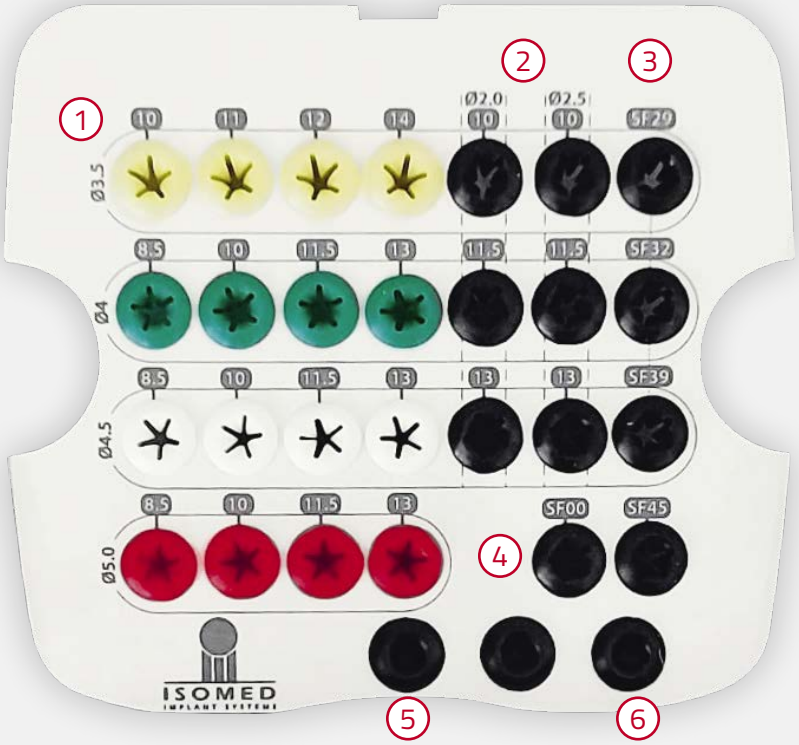
10. SI-15-T
4x4 mm connection ratchet extension

11. SIV-T
3X3 connector

■ □ Square connection ⬢ Hexagon connection ○ Octagon connection

Mini Kit for medium thread conical, Progressive-T and cylindrical implants

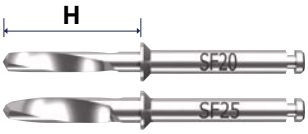
Cod. PA464 SBM-AR



1. CONICAL DRILLS WITH DEPTH MARKINGS

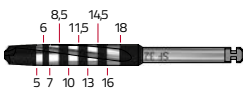
H	Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0
8,5 mm	-	SF 40-8,5	SF 45-8,5	SF 50-8,5
10,0 mm	SF 35-10	SF 40-10	SF 45-10	SF 50-10
11,0 mm	SF 35-11	-	-	-
11,5 mm	-	SF 40-11,5	SF 45-11,5	SF 50-11,5
12,0 mm	SF 35-12	-	-	
13,0 mm	-	SF 40-13	SF 45-13	SF 50-13
14,0 mm	SF 35-14	-	-	-

2. DRILLS WITH DEPTH STOPPER



H	Ø 2,0	Ø 2,5
10,0 mm	SF 20-10	SF 25-10
11,5 mm	SF 20-11,5	SF 25-11,5
13,0 mm	SF 20-13	SF 25-13

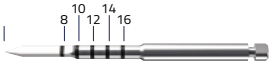
3. FINAL DRILLS WITH DEPTH MARKINGS



SF29-T for imp. ø 3,3 mm
SF32-T for imp. ø 3,75 mm
SF39-T for imp. ø 4,25 mm
SF45-T for imp. ø 5 mm

4. SF00-T

Pilot drill ø1,8 mm



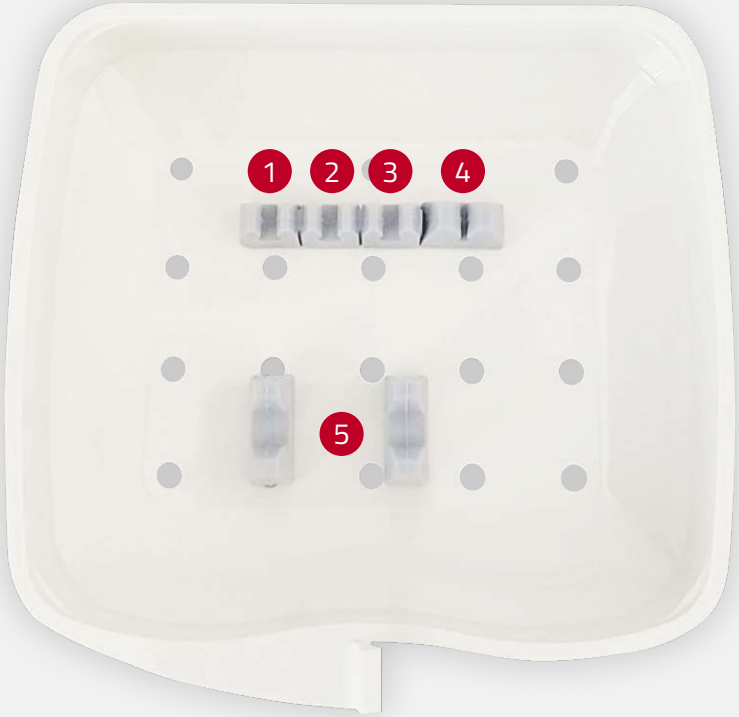
5. SKI-13R-T h 13 mm

⬢ 1,28 mm hex. Digital driver for fastening screws

6. PSF-T

Drill extension

Mini kit instruments



1. PI-Z-T
Driver for internal hexagon fixtures with TIZ connection

2,2 mm ⬢  ■ 4 mm

Also available as SPI-Z-T driver for internal hexagon implants NO-MOUNT with TIZ connection.

2. PI-T
Driver for internal hexagon fixtures PLATFORM NORMAL

2,43 mm ⬢  ■ 4 mm

Also available in PI-M-T driver for internal hexagon fixtures NO-MOUNT platform NORMAL version.

3. SI-10-T
4x4 mm connection ratchet extension

4 mm ○  ■ 4 mm

4. SD-00-T
Handpiece driver

4 mm ○ 

5. ST-00-T
Ratchet wrench

4 mm ○ 

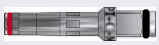
TRADURRE

Useful Instruments (available on request)

PI-C-T
Avvitatore per impianti ad esag. int. con connessione PLATFORM LARGE

⬢  ■
3 mm 4 mm

PI-C-M-T
Avvitatore per impianti ad esag. int. con connessione PLATFORM LARGE

⬢  ■
3 mm 4 mm

In NO-MOUNT fixture version the layout of the tool kit is different.
Under the tool box, instead of PI-T, PIZ-T, SI-10-T, and SD-00-T, SPI-M-T and SPI-Z-M2-T, PI-M-T AND SPI-Z-T are included.

SPI-M2-T
Handpiece o-ring driver for mountless internal hexagon implants PLATFORM NORMAL

⬢ 
2,43 mm

Also available as SPI-M-T long version

SPI-Z-M2-T
Handpiece o-ring driver for mountless internal hexagon implants with PLATFORM TIZ-TIAZ connection

⬢ 
2,2 mm

PI-M-T
O-ring driver for internal hexagon fixtures NO-MOUNT PLATFORM NORMAL

⬢  ■
2,43 mm 4 mm

SPI-Z-T
Manual o-ring driver for mountless internal hexagon implants with PLATFORM TIZ-TIAZ connection

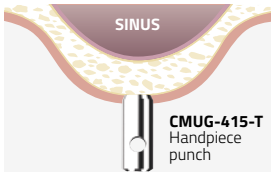
⬢  ■
2,2 mm 4 mm

■ □ Square connection ⬢ Hexagon connection ○ Octagon connection

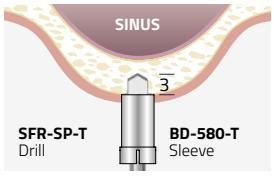
Sinus Lift surgical technique

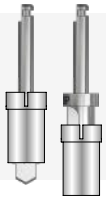
A CT radiological exam allows the clinician to evaluate accurately the anatomical limits of all the tissues interested by the surgery, as well as to plan the placement of all the implants managing with due precision their length and diameter. Using measurement tools, it can be established with the outmost precision the length of the drill to employ in order to highlight the Schneider Membrane.

a. (CMUG-415-T) Punch is employed to remove the tissue portion just on the spots where the implants are going to be inserted (flapless technique).



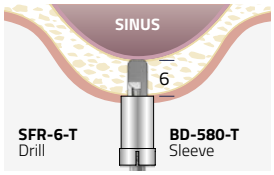
b. Once the mucous-periosteum flap is removed, SFR-SP-T shoulder preparation drill is employed (pairing it with an iron sleeve BD-580-T) to pierce through the cortical on the crestal bone and prepare the site for the coronal part of the fixture.



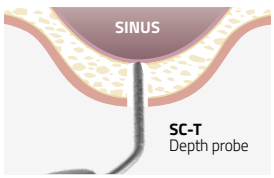


To remove the sleeve, slightly push on the tip of the drill.

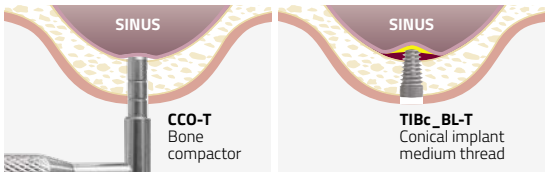
c. The following SFR-3/4/5/6/7/8-T lifting drills prepare the hole, reaching the length commensurate to the vertical dimension of the available crestal bone.



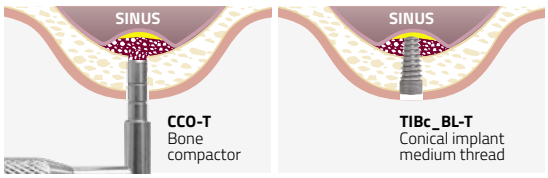
d. A check using SC-T depth probe will confirm if the Schneider Membrane has been reached.



e. Once the implant site is fully prepared, thanks to the drilling operation, the Clinician will place the fixture following his treatment choices, with or without the insertion of bone graft material in the maxillary sinus. Our suggestion is to evaluate the thickness of the residual basal bone, by CT scan and even during the surgery, and to perform a slight detachment of the Schneider Membrane with CCO-T Bone compactor in order to verify its integrity before the insertion of biomaterials. If there is no damage to the Membrane, and the implant insertion is conceived to penetrate just 1 to 2 mm into the sinus, a simple insertion of some resorbable collagen will be enough to avoid that the thread of the fixture, penetrating into the sinus, cut through the membrane. The blood clot will stabilize itself around this minimal intrusion and then it will organize itself around the fixture, covering it.



f. If the fixture is bound to penetrate more than 2 mm, our suggestion is to employ a more solid biomaterial. The original technique suggests to perform a larger detachment of the Schneider Membrane from the maxillary sinus pavement, always using the CCO-T Bone compactor, in order to create some space for the biomaterial. Once verified the integrity of the membrane, a layer of resorbable collagen (or a blood component gel, PRGF, PRF etc.) has to be placed to protect the membrane itself and then, in the gentlest possible way, the chosen biomaterial (autologous, homologous, heterologous, synthetic) has to be pushed in the site. It is suggested to use a slow reabsorption material, with atraumatic mechanical characteristics, such as the absence of significative edges and a small particle size (reduced granulometry). Extreme caution is mandatory during the insertion, that should be performed through little successive increments, in order to avoid an excessive stress on the Schneider Membrane. Once the insertion is completed, the next step will be the placement of the chosen fixture, that has to be conducted equally carefully, to let the biomaterial enough time to adjust itself around the implant, between the sinus pavement and the membrane.



g. Finally, it is suggested to employ conical implants with a rounded top, that reduce the risk of a shredding of the membrane and the subsequent penetration of the implant in the sinus. Once the implant has been duly inserted, the Clinician will close the primary flaps and carry on with the chosen prosthetic plan. A CT scan or any other radiological exam is recommended in order to plan a timeline for the prosthetics.

Tool kit for Sinus Lift surgical technique

Cod. PAL717.47

1. CMUG-415-T
Handpiece punch
ø 4,15 mm

2. SFR-SP-T
Sinus Lift shoulder preparation drill

3. SFR-3-T / SFR-4-T / SFR-5-T
SFR-6-T / SFR-7-T / SFR-8-T
Sinus Lift drills 3-4-5-6-7-8 mm height

4. BD-580-T
Stopper sleeve for Sinus Lift

6. CCO-T
Bone compactor

5. SFC-415-T
Crestal drill for guided surgery ø 4,15 mm

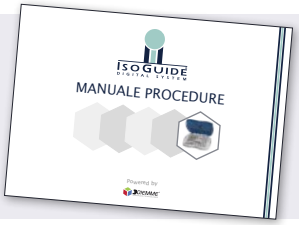
7. SC-T
Sinus Lift Depth probe

Useful instrument (available on request)

0011 (1314/1T)-T
Atraumatic osteotome round tip ø 3 mm

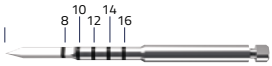
User Manual for IsoGuide

This tool kit can be used in guided surgery

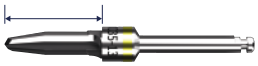


Drills and bone taps summary

Pilot drill
SF00-T - ø 1,8 mm

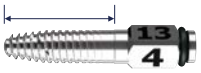


Cylindrical conical drills with stopper for Simply-T and Sirio-T



Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0
SFTC 3,5-8,5	SFTC 4-8,5	SFTC 4,5-8,5	SFTC 5-8,5
SFTC 3,5-10	SFTC 4-10	SFTC 4,5-10	SFTC 5-10
SFTC 3,5-11,5	SFTC 4-11,5	SFTC 4,5-11,5	SFTC 5-11,5
SFTC 3,5-13	SFTC 4-13	SFTC 4,5-13	SFTC 5-13
SFTC 3,5-14,5	SFTC 4-14,5	SFTC 4,5-14,5	-

Bone taps for Simply-T and Sirio-T



They need **SI-10-T** / **SI-15-T**

Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0
MTCS 3,5-8,5	MTCS 4-8,5	MTCS 4,5-8,5	MTCS 5-8,5
MTCS 3,5-10	MTCS 4-10	MTCS 4,5-10	MTCS 5-10
MTCS 3,5-11,5	MTCS 4-11,5	MTCS 4,5-11,5	MTCS 5-11,5
MTCS 3,5-13	MTCS 4-13	MTCS 4,5-13	MTCS 5-13
MTCS 3,5-14,5	MTCS 4-14,5	MTCS 4,5-14,5	-

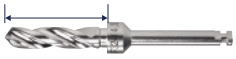
Final drills with stopper for Short-T

Ø 2,0	Ø 2,5	Ø 2,9	Ø 3,2	Ø 3,9	Ø 4,5	Ø 5,5
SF20-5	SF25-5	SF29-5	SF32-5	SF39-5	SF45-5	SF55-5
SF20-6	SF25-6	SF29-6	SF32-6	SF39-6	SF45-6	SF55-6
SF20-7	SF25-7	SF29-7	SF32-7	SF39-7	SF45-7	SF55-7

Final conical drills for Tiz-T

Ø 3,0
SFZ 3-10
SFZ 3-11,5
SFZ 3-13
SFZ 3-14,5

Final cylindrical drills with stopper for Progressive-T and bone level cylindrical

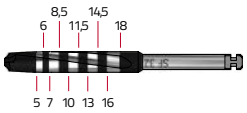


Ø 2,0	Ø 2,5	Ø 2,9	Ø 3,2	Ø 3,9	Ø 4,5	Ø 5,0
SF20-8,5	SF25-8,5	SF29-8,5	SF32-8,5	SF39-8,5	SF45-8,5	SF50-8,5
SF20-10	SF25-10	SF29-10	SF32-10	SF39-10	SF45-10	SF50-10
SF20-11,5	SF25-11,5	SF29-11,5	SF32-11,5	SF39-11,5	SF45-11,5	SF50-11,5
SF20-13	SF25-13	SF29-13	SF32-13	SF39-13	SF45-13	SF50-13
SF20-14,5	SF25-14,5	SF29-14,5	SF32-14,5	SF39-14,5	SF45-14,5	SF50-14,5

Shoulder preparation drill

SF51-T - For implants ø 3,3 e 3,75 mm

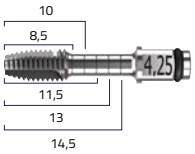
Final cylindrical drills for Progressive-T and bone level cylindrical implants



DLC coating
(Diamond Like Carbon)

SF29-T ø 2,9 mm final for implants ø 3,3 mm
SF32-T ø 3,2 mm final for implants ø 3,75 mm
SF39-T ø 3,9 mm final for implants ø 4,25 mm
SF45-T ø 4,5 mm final for implants ø 5 mm
SF50-T ø 5,0 mm final for implants ø 5,5 mm

Bone taps



TBA-T for implants ø 3,3 mm
TBB-T for implants ø 3,75 mm
TBD-T for implants ø 4,25 mm
TBC-T for implants ø 5 mm
TIE-T for implants ø 5,5 mm

Drills and bone taps summary

Conical drills with stopper for medium thread conical implants

Ø 3,5 drill has some markings on the stem: 1 marking h 10 - 2 markings h 11,5 - 3 markings h 13 - 4 markings h 14,5.

Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0	Ø 6,0
-	SF 40-8,5	SF 45-8,5	SF 50-8,5	SF 60-8,5
SF 35-10	SF 40-10	SF 45-10	SF 50-10	SF 60-10
SF 35-10 New	-	-	-	-
SF 35-11	-	-	-	-
SF 35-11,5 New	SF 40-11,5	SF 45-11,5	SF 50-11,5	SF 60-11,5
SF 35-12	-	-	-	-
SF 35-13 New	SF 40-13	SF 45-13	SF 50-13	SF 60-13
SF 35-14	-	-	-	-
SF 35-14,5 New	SF 40-14,5	SF 45-14,5	-	-
SF 35-16	-	-	-	-

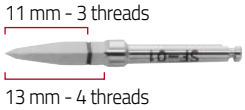
Bone taps for medium thread conical implants

They need **SI-10-T** / **SI-15-T**

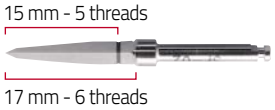
Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0	Ø 6,0
-	MCD 8,5	MCL 8,5	MCC 8,5	MCG 8,5
MCB 10	MCD 10	MCL 10	MCC 10	MCG 10
MCB 10 New	-	-	-	-
MCB 11	-	-	-	-
MCB 11,5 New	MCD 11,5	MCL 11,5	MCC 11,5	MCG 11,5
MCB 12	-	-	-	-
MCB 13 New	MCD 13	MCL 13	MCC 13	MCG 13
MCB 14	-	-	-	-
MCB 14,5 New	MCD 14,5	MCL 14,5	-	-
MCB 16	-	-	-	-

Conical drills with depth markings for Plus implants

SF-01-T

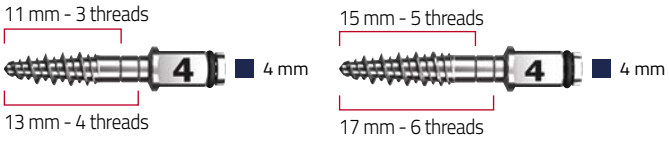


SF-02-T



SF-03-T

Bone taps for Plus implants



Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0	Ø 5,5
MTR3,5-3/4	MTR4-3/4	MTR4,5-3/4	MTR5-3/4	MTR5,5-3/4
MTR3,5-5/6	MTR4-5/6	MTR4,5-5/6	MTR5-5/6	MTR5,5-5/6

Surgical instruments

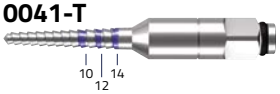
SD-03-T ø 3 mm
SD-04-T ø 4 mm
SD-05-T ø 5 mm
Manual Punch

CMU-450-T
Handpiece Punch
Exterior ø 4,5 mm
Interior ø 3,5 mm

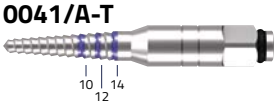
CMU-510-T
Handpiece Punch
Exterior ø 5,1 mm
Interior ø 4,1 mm

Bone taps

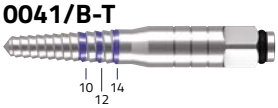
0041-T



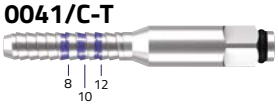
0041/A-T



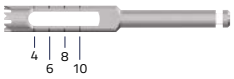
0041/B-T



0041/C-T



SFCR3-T Interior ø 3 mm
SFCR4-T Interior ø 4 mm
SFCR5-T Interior ø 5 mm
Trephine burs



Complementary instruments

Manual wrench drivers

PI-Z-T
Driver for internal hexagon implants
PLATFORM TIZ/TIAZ

2,2 mm ⬢  ■ 4 mm

PI-T
Driver for internal hexagon implants
PLATFORM NORMAL

2,43 mm ⬢  ■ 4 mm

PI-C-T
Driver for internal hexagon implants
PLATFORM LARGE

3 mm ⬢  ■ 4 mm

Manual wrench drivers with o-ring for MOUNTLESS fixtures

SPI-Z-T
Driver for internal hexagon implants
PLATFORM TIZ/TIAZ

2,2 mm ⬢  ■ 4 mm

PI-M-T
Driver for internal hexagon implants
PLATFORM NORMAL

2,43 mm ⬢  ■ 4 mm

PI-C-M-T
Driver for internal hexagon implants
PLATFORM LARGE

3 mm ⬢  ■ 4 mm

Handpiece drivers with o-ring for MOUNTLESS fixtures

SPI-Z-M2-T
Short steel handpiece driver
for internal hexagon implants
PLATFORM TIZ/TIAZ

2,2 mm ⬢ 

SPI-M2-T
Short steel handpiece driver
for internal hexagon implants
PLATFORM NORMAL

2,43 mm ⬢ 

SPI-C-M2-T
Short steel handpiece driver
for internal hexagon implants
PLATFORM LARGE

3 mm ⬢ 

SPI-M-T
Long steel handpiece driver
for internal hexagon implants
PLATFORM NORMAL

2,43 mm ⬢ 

SPI-C-M-T
Long steel handpiece driver
for internal hexagon implants
PLATFORM LARGE

3 mm ⬢ 

Extensions and drivers

SI-10-T
10 mm length extension

4 mm ○  ■ 4 mm

SI-15-T
15 mm length extension

4 mm ○  ■ 4 mm

SIV-T
3x3 mm connector

3 mm □  ■ 4 mm

PSF-T
Drill extension

SD-00-T
Handpiece driver

4 mm ○ 

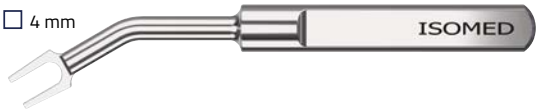
Complementary instruments

Manual wrenches

SG-00-T
4x4 mm Square head driver

○ 4 mm

SBMC-T
Mount locking wrench



□ 4 mm

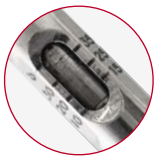
ST-D-100-T
Torque wrench 15 to 100 NW
with insert

□ 4 mm

ST-00-T
Ratchet

○ 4 mm

ST-D-00-T
Torque wrench 15 to 35 NW
with insert



□ 4 mm

SM-01-T
Manual driver

4 mm ○ 

Manual drivers

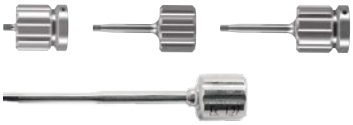
SKI-P-T
Pen driver for fastening screws 1,28 hex

⬢ 1,28 mm

SKE-P-T
Pen driver for fastening screws 0,9 hex

⬢ 0,9

SKI-2R-T h 2 mm
SKI-10-T h 10 mm
SKI-13R-T h 13 mm
SKI-40-T h 40 mm
⬢ 1,28 mm hex. Digital driver
for fastening screws



SKI-N-T
Insert for Torque wrench

1,28 mm ⬢  ■ 4 mm

SKE-N-T
Insert for Torque wrench

0,9 mm ⬢  ■ 4 mm

SKE-10-T / SKE-13-T
Digital drivers for cap screws 0,9 mm

Handpiece drivers

SH13-T
1,28 mm tip

1,28 mm ⬢ 

■ □ Square connection ⬢ Hexagon connection ○ Octagon connection

Complementary instruments

Prosthetic drivers

SH13c-T
1,28 mm tip driver for M2,0/A-T fastening screws on 17° angled connector, ext. hex.

SH-24-T
handpiece driver 24 mm h for inclined holes, hexalobe engagement for M1,8-T fastening screws

PCM-T
manual support for handpiece driver

DCD-T
Steel driver for straight connectors and ball attachments 2,2 mm ø

DCD-T with **SP1,4-T**
Steel driver for straight connectors and ball attachments 2,2 mm ø with SP1,4-T fastening screw

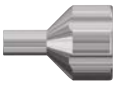
SK 1,4-T
Angled abutment inserter, CONI 17-30-45-T

Other useful accessories

SV-TP00-T
Bone tap for internal thread grinding, for M1,8-T thread implant

SV-TP01-T
Bone tap for internal thread grinding, for M2-T thread implant

SV-TP-T
Digital driver for bone taps



ES-00-T
Extractor

TH-1158-T
Short stem crown milling drill

TH-1158-T
Long stem crown milling drill

680-T
Broken screws extraction kit, on request, customized on the implant connection required

The kit comprehends:
- 1 claw shaped drill
- 1 special drill
- 1 manual centering device

OC
OT CEM composite cement

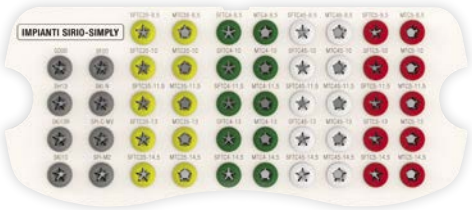
Package includes:
- 1 two-component syringe, 5 ml
- 10 self-mixing tips

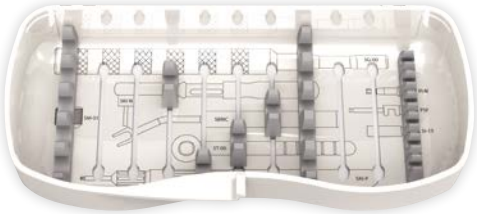
Inserire -T?

■ □ Square connection ⬢ Hexagon connection ○ Octagon connection

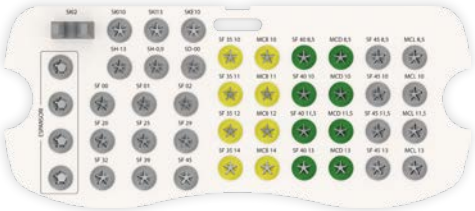
Customizable surgical kits

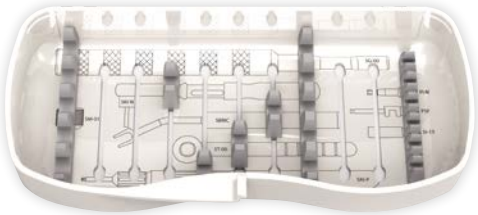
Cod. SLL903.7 - Simply and Sirio implants
Kits and instruments pag. 66-67





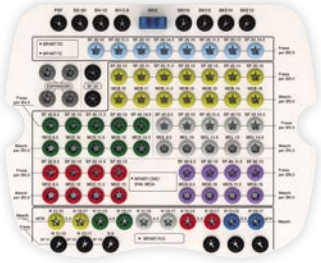
Cod. SBM-4 - Conical, Progressive and cylindrical implants
Kits and instruments pag. 78-79

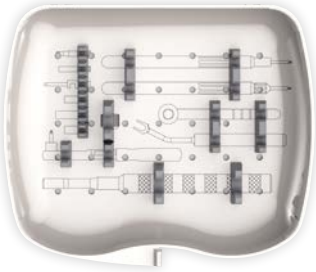




Cod. PA412R007999 - Short and Tiz implants
Kits and instruments pag. 68-69

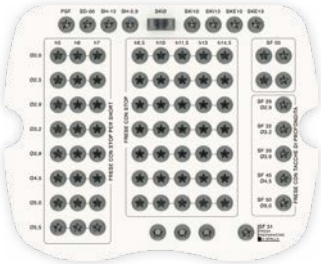
Cod. PA454 - Large and medium thread conical implants
Kits and instruments pag. 70-72

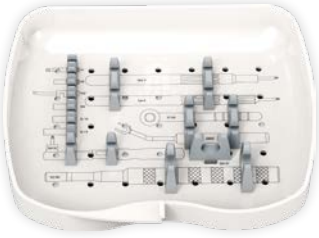




Cod. PA504R007999 - Progressive and cylindrical implants
Kits and instruments pag. 76-77

Cod. PA455 - Progressive, cylindrical and Short implants
Kits and instruments pag. 74-75





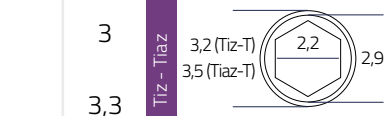
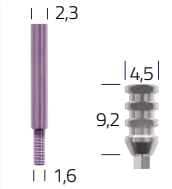
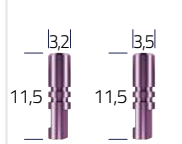
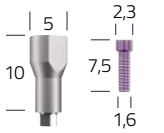
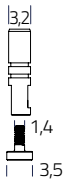
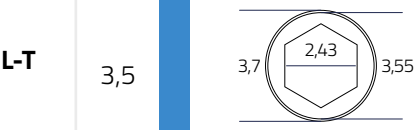
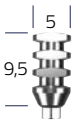
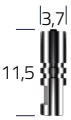
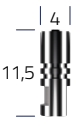
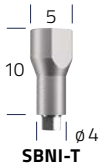
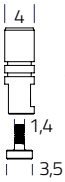
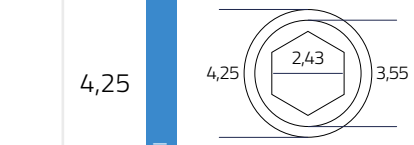
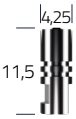
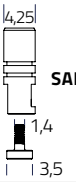
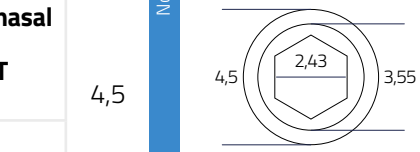
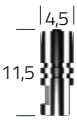
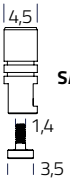
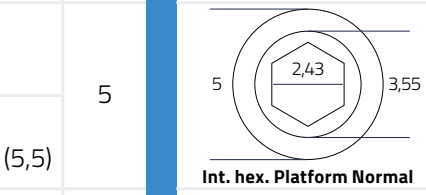
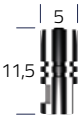
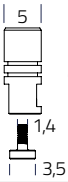
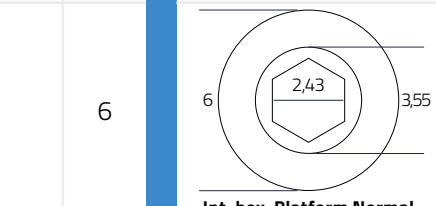
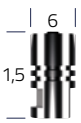
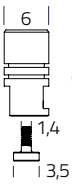
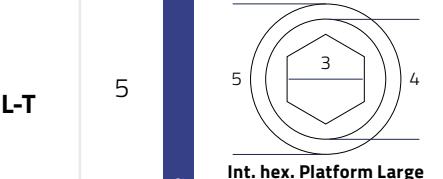
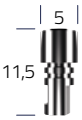
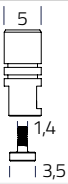
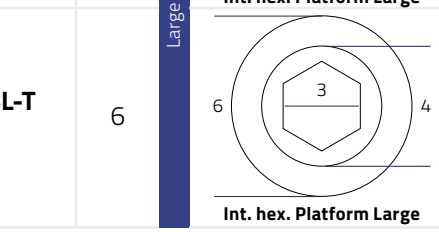
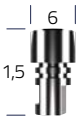
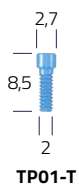
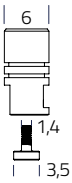
Cod. PA464 SBM-AR - Progressive, cylindrical and Medium thread conical implants
Kits and instruments pag. 80-81

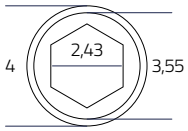
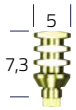
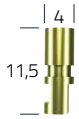
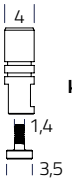
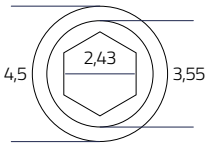
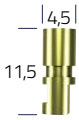
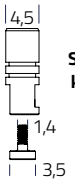
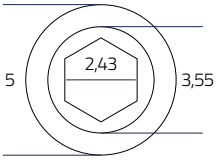
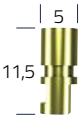
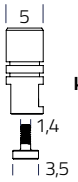
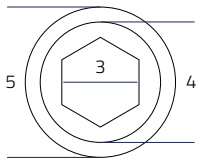
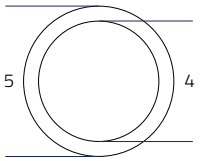
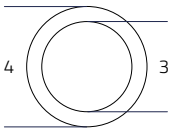
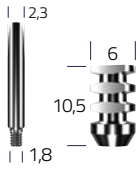
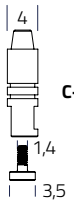
Inserire -T?

TECNOMED
ADVANCED IMPLANT TECHNOLOGY

PROSTHETIC COMPONENTS

Tecnomed connections index

Implants	ø (mm)		Connection	Analogic system		Digital system	
				Transfer	Analogue	Scanbody	Analogue
Tiz-T **Tiaz-T**	3 3,3	Tiz - Tiaz	 **Int. hex. Platform Tiz - Tiaz**	 **SP01-Z-T** **SRZI-T**	 **SAZI-3-T** (Tiz-T) **SAZI-T** (Tiaz-T)	 **SBZI-T** **TP00Z-T**	 **SAZI-3-T (IZ)**
Simply-T **TIBc-T - TIBc BL-T** **Tvi PLUS-T** **Progressive-T**	3,5	Normal	 **Int. hex. Platform Normal**	 **SRNI-T**	 **SANI-3,5-T**		 **SANI-3,5-T (IN35)**
Sirio-T - Sirio-T nasal **Simply-T** **TIDc-T - TIDc BL-T** **Progressive-T** **ZVI-SF-T** Zygomatic imp. ø 4,1 **TIA-T** (3,3) **TIB-T** (3,75)	4		 **Int. hex. Platform Normal**		 **SANI-4-T**	 **SBNI-T**	 **SANI-4-T (IN40)**
TID Short-T* **TID-T**	4,25		 **Int. hex. Platform Normal**	 **SP01-T**	 **SANI-4,25-T**	 **TP00-T**	 **SANI-4,25-T (IN42)**
Sirio-T - Sirio-T nasal **Simply-T** **TILc-T - TILc BL-T** **Progressive-T** **Tvi PLUS-T** Ø 4/4,5/5/5,5/6	4,5		 **Int. hex. Platform Normal**		 **SANI-4,5-T**		 **SANI-4,5-T (IN45)**
Simply-T **Progressive-T** **TIC Short-T*** **TIC-T** (5,0) **TIF-T** (5,5)	5		 **Int. hex. Platform Normal**	 **SP01-S-T** *For Short-T implants 5 mm h	 **SANI-5-T**	 **TP00-S-T** *Per impianto Short-T h 5 mm	 **SANI-5-T (IN50)**
TIG Short-T*	6		 **Int. hex. Platform Normal**		 **SANI-6-T**		 **SANI-6-T (IN60)**
Sirio-T **TICc-T - TICc BL-T**	5	Large	 **Int. hex. Platform Large**	 **SRKI-T**	 **SAKI-5-T**	 **SBKI-T**	 **SAKI-5-T (IL50)**
TIGc-T - TIGc BL-T **Progressive-T**	6		 **Int. hex. Platform Large**	 **SP02-T**	 **SAKI-6-T**	 **TP01-T**	 **SAKI-6-T (IL60)**

Implants	Ø (mm)		Connection	Analogic system		Digital system	
				Transfer	Analogue	Scanbody	Analogue
Kono s-T Ø 3,5/4 **Close BL-T** Ø 3,5/4	4	Cone Morse	 **Int. hex. Cone Morse connection**	 **SRNI-kono s-T**	 **SANI-4 kono s-T**	 **SBNI-kono s-T**	 **SANI-4 kono s-T (K40)**
Kono s-T **Close BL-T**	4,5		 **Int. hex. Cone Morse connection**	 **SP01-kono s-T**	 **SANI-4,5 kono s-T**	 **TPK-T**	 **SANI-4,5 kono s-T (K45)**
Kono s-T **Close BL-T**	5		 **Int. hex. Cone Morse connection**		 **SANI-5 kono s-T**		 **SANI-5 kono s-T (K50)**
Uniko-T Ø 3,5/4/4,5/5	5		 **Uniko-T**	 **SRCE-T**  **SP1,4-T**	 **SAN-K-T**	 **SBNI coni-A-T**  **M1,4-T**	 **SAN-K-T (CN5)**
Connector Bridge Abutment	5						
Connector Bridge Abutment **SP base 4**	4			 **C-SP1,8-T** **C-SRCE-T**	 **C-SAN-K-T**	  **C-SBNI coni-A-T** **C-M1,8/B-T**	 **C-SAN-K-T (CN4)**

Extensive libraries are available for open CAD systems, 3Shape©, Exocad© and Dental Wings©.
- ***TB*** library for TBase in titanium for bonding
- ***DIRECT*** library for direct fastening connection

Analogic system

Internal hexagon Platform Tiz - Tiaz

Tightening torques and tools p. 140

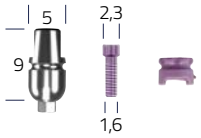
Healing abutments

Countersunk healing titanium abutment — **TSZI-3-T** h 3 mm; **TSZI-5-T** h 5 mm

Impression components

Steel transfer for dental impression for TIZ-TIAZ int. hex. implants — **SRZI-T**

Long fastening titanium screw M1,6-T — **SP01-Z-T**



Steel transfer with impression cap for TIZ-TIAZ internal hexagon implants — **TRZI-A-T**

Titanium fastening screw — **TP00-Z-T**

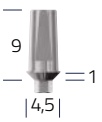
Impression cap — **PC00-T**

Titanium analogue — **SAZI-T**

Abutments for cemented prosthesis

Straight titanium abutment — **TMZI-T**

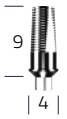
Straight cylindric titanium abutment — **TMZIc-T**



Straight cylindric titanium abutment with shoulder — **TMZIb1-T** h 1 mm; **TMZIb2-T** h 2 mm

Angled titanium abutment 15-20-25 degrees — **TMAZI15-T**, **TMAZI20-T**, **TMAZI25-T**

Bonding abutment for fastened prosthesis



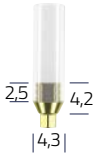
Cementation titanium abutments with shoulder 1-2-3 mm h

TMZIc-ce-SP1-T **TMZIc-se-SP1-T**
TMZIc-ce-SP2-T **TMZIc-se-SP2-T**
TMZIc-ce-SP3-T **TMZIc-se-SP3-T**
ce with hexagon **se** without hexagon

Aesthetic titanium base

TBZI-ce-T **TBZI-se-T**
ce with hexagon **se** without hexagon

Ucla abutments for screwed prosthesis

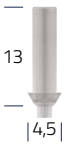


Plastic cylinder with gold base

OUZI-ce-T **OUZI-se-T**
ce with hexagon **se** without hexagon

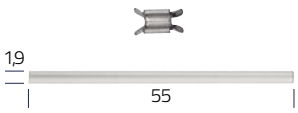
Plastic cylinder with chromium cobalt base

CUZI-ce-T **CUZI-se-T**
ce with hexagon **se** without hexagon



Plastic cylinder

RUZI-ce-T **RUZI-se-T**
ce with hexagon **se** without hexagon



Castable plastic bar with steel knight connector

CAVAC-T
BRC-T

steel knight connector
castable plastic bar
55 mm length - ø 1,9 mm

M1,6-T titanium fastening screw

TP00-Z-T

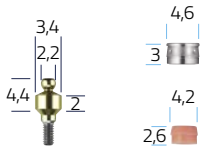
Every abutment comes with a screw. **SKI-N-T** driver required, see p. 139

Analogic system

Internal hexagon Platform Tiz - Tiaz

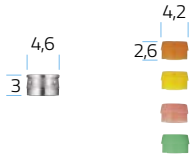
Tightening torques and tools p. 140

Retaining system on ball attachments Ø 2,2 mm



Ø 2,2 mm ball titanium abutment with retaining cap

TMZI P2,2-0-T h 0 mm
TMZI P2,2-1-T h 1 mm
TMZI P2,2-2-T h 2 mm
TMZI P2,2-3-T h 3 mm
SKE-N-T p. 139 driver required



Steel housing cap with Teflon

CA-T steel housing cap for Teflon caps
CNA-T orange Teflon cap (tender) 350 gr
060CRNAYDR8-T yellow Teflon cap (extra soft) 500 gr
CNR-T pink Teflon cap (medium) 900 gr
CNV-T green Teflon cap (hard) 1300 gr
To insert and remove the caps **485IC-T** insertor/extractor is required, see p. 138

Protective disk

DSP-T

Titanium retaining cap for ball attachment

TC00-2,2-T for ball ø 2,2 mm

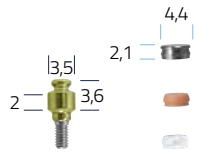
Steel analogue for modeling

SAN-P2,2-T for attachment with ball ø 2,2 mm

Ø 2,2 mm ball attachment transfer for tear-off impression with variable cap

044CAI22-T

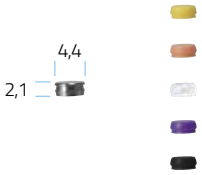
Retaining system on hemisphere attachments



Titanium hemisphere (TiN coating) with retaining cap and protective disk

LOZI-0-T	h 1,9 mm	h (shoulder) 0 mm
LOZI-1-T	h 2,6 mm	h (shoulder) 1 mm
LOZI-2-T	h 3,6 mm	h (shoulder) 2 mm
LOZI-3-T	h 4,6 mm	h (shoulder) 3 mm

SKI-N-T p. 139 driver required



Steel housing cap with Teflon

CLA-T	steel housing cap for Teflon caps
CLG-T	yellow Teflon cap (extrasoft) 600 gr
CLR-T	pink Teflon cap (soft) 1200 gr
CLB-T	white Teflon cap (standard) 1800 gr
CLV-T	purple Teflon cap (hard) 2700 gr
CLN-T	black Teflon cap (only for lab use)

To insert and remove the caps **485IC-T** insertor/extractor is required, see p. 138

Protective disk — **DSP-T**

Smartbox© self-parallelizing container with black cap — **330SBE-T** — It corrects up to 25° of disparallelism

Smartbox© black cap — **335CSB-T**

Impression transfer — **144MTE-T**

Tear-off impression transfer — **044CAIN-T**

Steel analogue for modeling — **144AE-T**

Analogic system

Internal hexagon Platform Normal

Tightening torques and tools p. 140

Healing abutments

Titanium healing abutment

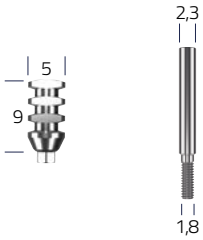
TDNI-1,5-T h 1,5 mm
TDNI-3-T h 3 mm
TDNI-5-T h 5 mm

Countersunk LARGE titanium healing abutment

TSNI-3-T h 3 mm
TSNI-5-T h 5 mm

TSNI-3-T - Ø 6 mm h 3 mm
TSNI-5-T - Ø 6 mm h 5 mm
for molar region ø 6 mm

Impression components



Steel transfer for internal hexagon implants Platform Normal

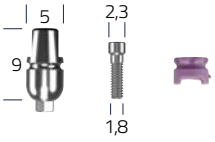
SRNI-T open impression tray

M1,8-T Long fastening screw for transfer

SP01-T

Steel transfer for passive impression (3 separate pieces)

SRNI-3P-T open impression tray



Steel transfer with impression cap for Platform Normal internal hexagon implants

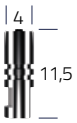
TRNI-A-T close impression tray

Titanium fastening screw

TP00-T

Impression cap

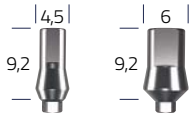
PC00-T



Steel analogue

SANI-3,5-T **SANI-5-T**
SANI-4-T **SANI-5,5-T**
SANI-4,25-T **SANI-6-T**
SANI-4,5-T

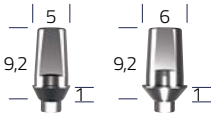
Abutments for cemented prosthesis



Straight titanium Abutment — **TMNI-T**

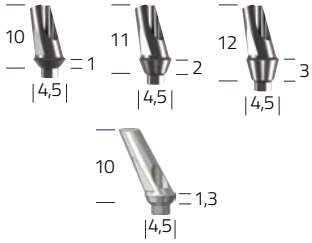
Straight LARGE titanium abutment — **TMNI-L-T**
for molar region ø 6 mm

Straight cylindric titanium abutment — **TMNIc-T**
for narrow spaces



Straight titanium abutment with 1-2-3 mm h shoulder — **TMNIb1 / TMNIb2 / TMNIb3-T**

Straight LARGE titanium abutment with 1-2-3 mm h shoulder — **TMNI-L b1 / TMNI-L b2 / TMNI-L b3-T**
shoulder ø 6 mm for molar region



Titanium angled abutment 15-20-25-35 degrees, with shoulder 1-2-3 mm — **TMANI15b1/TMANI15b2/TMANI15b3-T**
TMANI20b1/TMANI20b2/TMANI20b3-T
TMANI25b1/TMANI25b2/TMANI25b3-T
TMANI35-T

Grade 2 titanium drillable inverted cone abutment — **TMCRIN-T**

Grade 2 titanium drillable inverted cone abutment EXTRA LARGE — **TMCRIN-XL-T**
shoulder ø 8 mm for molar region

Aesthetic abutments for cemented prosthesis

Zirconium straight abutment with shoulder — **ZMNI-T**

Zirconium Angled abutment 15 degrees, with titanium base — **ZMANI15-T**

M1,8-T titanium fastening screw — **TP00-T**

Every abutment comes with a screw. **SKI-N-T** driver required, see p. 139

Analogic system

Internal hexagon Platform Normal

Tightening torques and tools p. 140

Bonding abutment for fastened prosthesis

Cementation titanium abutments with shoulder 1-2-3-4 mm h

TMNIc-ce-SP1-T
TMNIc-ce-SP2-T
TMNIc-ce-SP3-T
TMNIc-ce-SP4-T
ce with hexagon

TMNIc-se-SP1-T
TMNIc-se-SP2-T
TMNIc-se-SP3-T
TMNIc-se-SP4-T
se without hexagon

Aesthetic titanium base

TBNI-ce-T
ce with hexagon

TBNI-se-T
se without hexagon

Aesthetic titanium base for angled prosthesis with hexalobe engagement

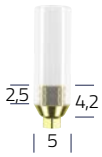
TFBI-ce-T
ce with hexagon

TFBI-se-T
se without hexagon

M1,8-T fastening screw with hexalobe engagement

TPE-T
It requires **SH24-T** p. 139
(Max torque 20 Ncm)

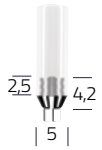
Ucla abutments for fastened prosthesis



Plastic cylinder with gold base

OUNI-ce-T
ce with hexagon

OUNI-se-T
se without hexagon



Plastic cylinder with chromium cobalt base

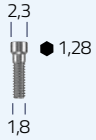
CUNI-ce-T
ce with hexagon

CUNI-se-T
se with hexagon

Plastic cylinder

RUNI-ce-T
ce with hexagon

RUNI-se-T
se with hexagon

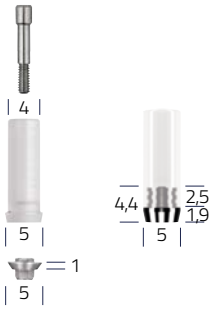


M1,8-T titanium fastening screw

TP00-T

Every abutment comes with a screw. **SKI-N-T** driver required, see p. 139

Bar systems with external hexagon converter

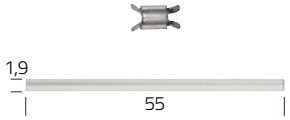


Titanium connector for internal to external hexagon connection.

It turns the connection from internal to external hexagon, with a cylinder 0,7 mm high.

Castable Ucla with cobalt chrome base

TIEN1-T	h 1 mm
TIEN2-T	h 2 mm
RUNE-ce-T	castable cylinder with hexagon
RUNE-se-T	castable cylinder without hexagon
TP02-T	fastening screw for TIEN h 1 mm
TP02-T	fastening screw for TIEN h 2 mm
CUNE-ce-T	castable cylinder with hexagon
CUNE-se-T	castable cylinder without hexagon



Castable plastic bar with steel knight connector

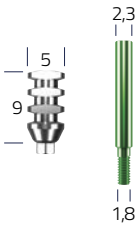
CAVAC-T	steel knight connector
BRC-T	castable plastic bar 55 mm length - ø 1,9 mm

Special components for Short-T implants, 5 mm h

Only for Short-T 5 mm height with all PLATFORM NORMAL abutments

Countersunk titanium healing abutment

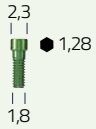
TSNI-3-S-T	h 3 mm



Steel transfer for internal hexagon implant platform NORMAL

Long fastening M1,8-T screw for Short-T implant 5 mm h

SRNI-T	open impression tray
SP01-S-T	long fastening screw for transfer



M1,8-T titanium fastening screw

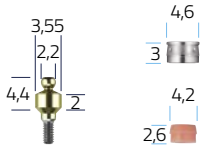
TP00-S-T	Every abutment comes with a screw. **SKI-N-T** driver required, see p. 139

Analogic system

Internal hexagon Platform Normal

Tightening torques and tools p. 140

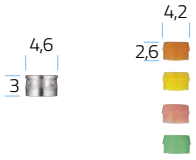
Retaining system on ball attachments Ø 2,2 mm



Ø 2,2 mm ball titanium abutment (TiN coating) with retaining cap

TMNI P2,2-0-T	h 3 mm	h (shoulder) 0 mm
TMNI P2,2-1-T	h 3,4 mm	h (shoulder) 1 mm
TMNI P2,2-2-T	h 4,4 mm	h (shoulder) 2 mm
TMNI P2,2-3-T	h 5,4 mm	h (shoulder) 3 mm
TMNI P2,2-4-T	h 6,4 mm	h (shoulder) 4 mm

DCD-T p. 138 ball attachment driver required



Steel housing cap with Teflon

CA-T	steel housing cap for Teflon caps
CNA-T	orange Teflon cap (tender) 350 gr
060CRNAYDR8-T	yellow Teflon cap (extra soft) 500 gr
CNR-T	pink Teflon cap (medium) 900 gr
CNV-T	green Teflon cap (hard) 1300 gr

To insert and remove the caps **485IC-T** insertor/extractor is required, see p. 138

Protective disk

DSP-T

Titanium retaining cap for ball attachment

TC00-2,2-T for ball ø 2,2 mm

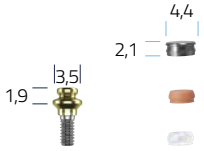
Steel analogue for modeling

SAN-P2,2-T for attachment with ball ø 2,2 mm

Ø 2,2 mm ball attachment transfer for tear-off impression with variable cap

044CAI22-T

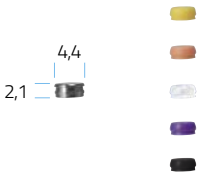
Retaining system on hemisphere attachments



Titanium hemisphere (TiN coating) with retaining cap and protective disk

LOKI-0-T	h 1,9 mm	h (shoulder) 0 mm
LOKI-1-T	h 2,6 mm	h (shoulder) 1 mm
LOKI-2-T	h 3,6 mm	h (shoulder) 2 mm
LOKI-3-T	h 4,6 mm	h (shoulder) 3 mm
LOKI-4-T	h 5,6 mm	h (shoulder) 4 mm

SKI-N-T p. 139 driver required



Steel housing cap with Teflon

CLA-T	Steel housing cap for Teflon caps
CLG-T	Yellow Teflon cap (extrasoft) 600 gr
CLR-T	Pink Teflon cap (soft) 1200 gr
CLB-T	White Teflon cap (standard) 1800 gr
CLV-T	Purple Teflon cap (hard) 2700 gr
CLN-T	Black Teflon cap (only for lab use)

To insert and remove the caps **485IC-T** insertor/extractor is required, see p. 138

Protective disk — **DSP-T**

Smartbox© self-parallelizing container with black cap — **330SBE-T** — It corrects up to 25° of disparallelism

Smartbox© black cap — **335CSB-T**

Impression transfer — **144MTE-T**

Tear-off impression transfer — **044CAIN-T**

Steel analogue for modeling — **144AE-T**

Analogic system

Internal hexagon Platform Large

Tightening torques and tools p. 140

Healing abutments

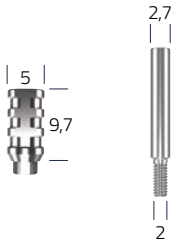
Titanium straight healing abutment

TDKI-3-T h 3 mm
TDKI-5-T h 5 mm

Titanium countersunk healing abutment

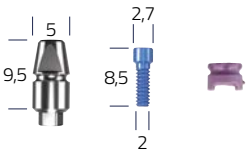
TSKI-3-T h 3 mm
TSKI-5-T h 5 mm

Impression components



Steel transfer for internal hexagon implants platform LARGE — **SRKI-T**

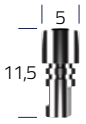
M2-T Long fastening screw — **SP02-T**



Steel transfer with impression cap for Platform Normal internal hexagon implants — **TRKI-A-T**

Titanium fastening screw — **TP01-T**

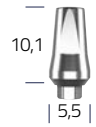
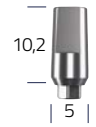
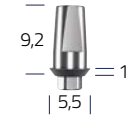
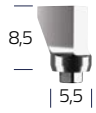
Impression cap — **PC00-T**



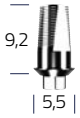
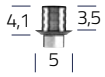
Titanium analogues

SAKI-5-T
SAKI-6-T

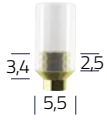
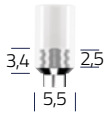
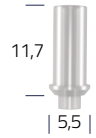
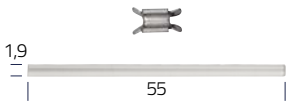
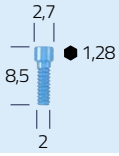
Abutments for cemented prosthesis

	Straight titanium abutment	**TMKI-T**	
	Straight cylindrical titanium abutment	**TMKIc-T**	
	Straight titanium abutment with shoulder, h 1-2-3 mm	**TMKIb1-T** **TMKIb2-T** **TMKIb3-T**	
	Grade 2 titanium drillable inverted cone abutment	**TMCRIK-T**	
	15-20 degrees titanium angled abutment	**TMAKI15-T** **TMAKI20-T**	

Bonding abutment for fastened prosthesis

	Cementation titanium abutments with shoulder 1-2 mm h	**TMKIc-ce-SP1-T** **TMKIc-ce-SP2-T** **ce** with hexagon	**TMKIc-se-SP1-T** **TMKIc-se-SP2-T** **se** without hexagon
	Aesthetic titanium base	**TBKI-ce-T** **ce** with hexagon	**TBKI-se-T** **se** without hexagon

Ucla abutments for fastened prosthesis

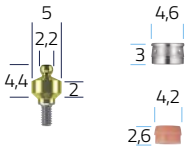
	Plastic cylinder with gold base	**OUKI-ce-T** **ce** with hexagon	**OUKI-se-T** **se** without hexagon
	Plastic cylinder with chromium cobalt base	**CUKI-ce-T** **ce** with hexagon	**CUKI-se-T** **se** without hexagon
	Plastic cylinder	**RUKI-ce-T** **ce** with hexagon	**RUKI-se-T** **se** without hexagon
	Castable plastic bar with steel knight connector	**CAVAC-T** **BRC-T**	steel knight connector castable plastic bar 55 mm length - ø 1,9 mm
	M2-T titanium fastening screw	**TP01-T**	Every abutment comes with a screw. **SKI-N-T** driver required, see p. 139

Analogic system

Internal hexagon Platform Large

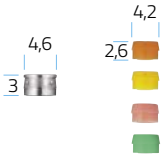
Tightening torques and tools p. 140

Retaining system on ball attachments Ø 2,2 mm



Ø 2,2 mm ball titanium abutment (TiN coating) with retaining cap

TMKI P2,2-0-T h 3 mm h (shoulder) 0 mm
TMKI P2,2-2-T h 4,4 mm h (shoulder) 2 mm
TMKI P2,2-3-T h 5,4 mm h (shoulder) 3 mm
SKE-N-T p. 139 driver required



Steel housing cap with Teflon

CA-T steel housing cap for Teflon caps
CNA-T orange Teflon cap (tender) 350 gr
060CRNAYDR8-T yellow Teflon cap (extra soft) 500 gr
CNR-T pink Teflon cap (medium) 900 gr
CNV-T green Teflon cap (hard) 1300 gr
To insert and remove the caps **485IC-T** insertor/extractor is required, see p. 138

Protective disk

DSP-T

Titanium retaining cap for ball attachment

TC00-2,2-T for ball ø 2,2 mm

Steel analogue for modeling

SAN-P2,2-T for attachment with ball ø 2,2 mm

Ø 2,2 mm ball attachment transfer for tear-off impression with variable cap

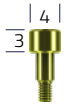
044CAI22-T

Analogic system

Internal hexagon Cone Morse connection

Tightening torques and tools p. 140
Unblocking system p. 142

Healing abutments

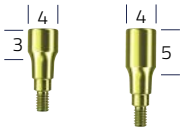


Titanium straight healing abutment

TDNI-3-kono s-T h 3 mm
TDNI-5-kono s-T h 5 mm

Titanium countersunk healing abutment

TSNI-3-kono s-T h 3 mm
TSNI-5-kono s-T h 5 mm



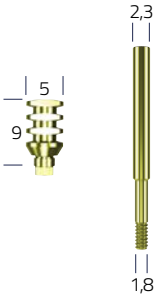
Titanium straight healing abutment

TDNI-3-kono s-T* h 3 mm
TDNI-5-kono s-T* h 5 mm

Titanium countersunk healing abutment

TSNI-3-kono s-T* h 3 mm
TSNI-5-kono s-T* h 5 mm

Impression components

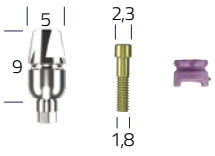


Steel transfer for internal hexagon implants Cone Morse connection

SRNI-kono s-T open impression tray

M1,8-T Long fastening screw for transfer

SP01-kono s-T



Steel transfer with impression cap for Cone Morse connection, internal hexagon implants

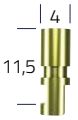
TRNI-kono s-T

Titanium fastening screw

TPK-T

Impression cap

PC00-T



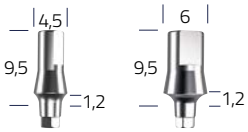
Steel analogue

Passive available on request

SANI-kono s-4-T
SANI-kono s-4,5-T
SANI-kono s-5-T

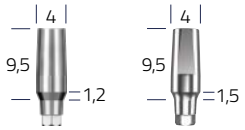
*Raised and rounded shoulder for sub-crestal implants

Cemented prosthesis abutments



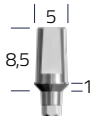
Straight titanium abutment

TMNI-kono s-T h 9,5 mm h (shoulder) 1,2 mm
TMNI-kono s-T* h 9,5 mm h (shoulder) 1,8 mm
TMNI-L-kono s-T h 9,5 mm h (shoulder) 1,2 mm
molar region, Ø 6 mm



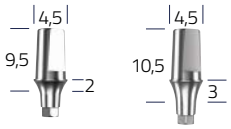
Straight cylindrical abutment

TMNIc-kono s-T h 9,5 mm h (shoulder) 1,2 mm
TMNIc-kono s-T* h 9,5 mm h (shoulder) 1,5 mm



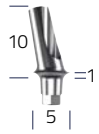
Straight titanium abutment
with shoulder h 1-2-3-4-5 mm

TMNIb1-kono s-T h 8,5 mm h (shoulder) 1 mm
TMNIb2-kono s-T h 9,5 mm h (shoulder) 2 mm
TMNIb3-kono s-T h 10,5 mm h (shoulder) 3 mm
TMNIb4-kono s-T h 11,5 mm h (shoulder) 4 mm
TMNIb5-kono s-T h 12,5 mm h (shoulder) 5 mm



Straight titanium abutment
with shoulder h 2-3-4-5 mm

TMNIb2-kono s-T* h 9,5 mm h (shoulder) 2 mm
TMNIb3-kono s-T* h 10,5 mm h (shoulder) 3 mm
TMNIb4-kono s-T* h 11,5 mm h (shoulder) 4 mm
TMNIb5-kono s-T* h 12,5 mm h (shoulder) 5 mm



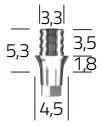
15-20-25 degrees angled titanium
abutment with shoulder h 1-2-3 mm

TMANI15/20/25 b1-kono s-T
TMANI15/20/25 b2-kono s-T
TMANI15/20/25 b3-kono s-T

Grade 2 titanium drillable inverted
cone abutment

TMCRIN-XL-kono s-T h 9,7 mm h (shoulder) 1,8 mm

Bonding abutments for screwed prosthesis

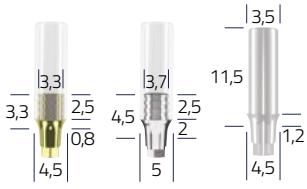


Aesthetic titanium base

Also available with 0,8 mm h shoulder

TBNI-kono s-T

Ucla abutments for screwed prosthesis

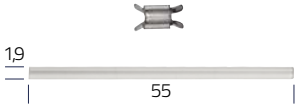


Plastic cylinder

OUNI-kono s-T with platinum gold base
CUNI-kono s-T with chromium cobalt base
Also available with 0,8 mm h shoulder

Plastic cylinder

RUNI-kono s-T



Castable plastic bar
with steel knight connector

CAVAC-T steel knight connector
BRC-T castable plastic bar
55 mm length - ø 1,9 mm

M1,8-T titanium fastening screw

TPK-T

Every abutment comes with
a screw. **SKI-N-T** driver
required, see p. 139

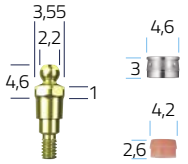
*Raised and rounded shoulder for sub-crestal implants

Analogic system

Internal hexagon Cone Morse connection

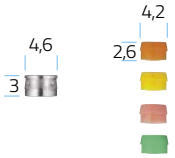
Tightening torques and tools p. 140

Retaining system on ball attachments Ø 2,2 mm



Ø 2,2 mm ball titanium abutment (TiN coating) with retaining cap

TMNI P2,2-1-kono s-T h 4,6 mm h (shoulder) 1 mm
TMNI P2,2-2-kono s-T h 5,6 mm h (shoulder) 2 mm
TMNI P2,2-3-kono s-T h 6,6 mm h (shoulder) 3 mm
TMNI P2,2-4-kono s-T h 7,6 mm h (shoulder) 4 mm
DCD-T p. 138 ball attachment driver required



Steel housing cap with Teflon

CA-T steel housing cap for Teflon caps
CNA-T orange Teflon cap (tender) 350 gr
060CRNAYDR8-T yellow Teflon cap (extra soft) 500 gr
CNR-T pink Teflon cap (medium) 900 gr
CNV-T green Teflon cap (hard) 1300 gr
To insert and remove the caps **485IC-T** insertor/extractor is required, see p. 138

Protective disk

DSP-T

Titanium retaining cap for ball attachment

TC00-2,2-T for ball ø 2,2 mm

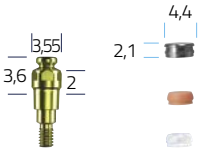
Steel analogue for modeling

SAN-P2,2-T for attachment with ball ø 2,2 mm

Ø 2,2 mm ball attachment transfer for tear-off impression with variable cap

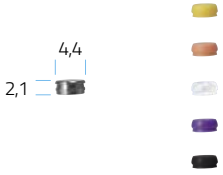
044CAI22-T

Retaining system on hemisphere attachments



Titanium hemisphere (TiN coating) with retaining cap and protective disk

LOKI-1-kono s-T h 2,6 mm h (shoulder) 1 mm
LOKI-2-kono s-T h 3,6 mm h (shoulder) 2 mm
LOKI-3-kono s-T h 4,6 mm h (shoulder) 3 mm
LOKI-4-kono s-T h 5,6 mm h (shoulder) 4 mm
DCD-T p. 138 ball attachment driver required



Steel housing cap with Teflon

CLA-T steel housing cap for Teflon caps
CLG-T yellow Teflon cap (extrasoft) 600 gr
CLR-T pink Teflon cap (soft) 1200 gr
CLB-T white Teflon cap (standard) 1800 gr
CLV-T purple Teflon cap (hard) 2700 gr
CLN-T black Teflon cap (only for lab use)
To insert and remove the caps **485IC-T** insertor/extractor is required, see p. 138

Protective disk

DSP-T

Smartbox© self-parallelizing container with black cap

330SBE-T It corrects up to 25° of disparallelism

Smartbox© black cap

335CSB-T

Impression transfer

144MTE-T

Tear-off impression transfer

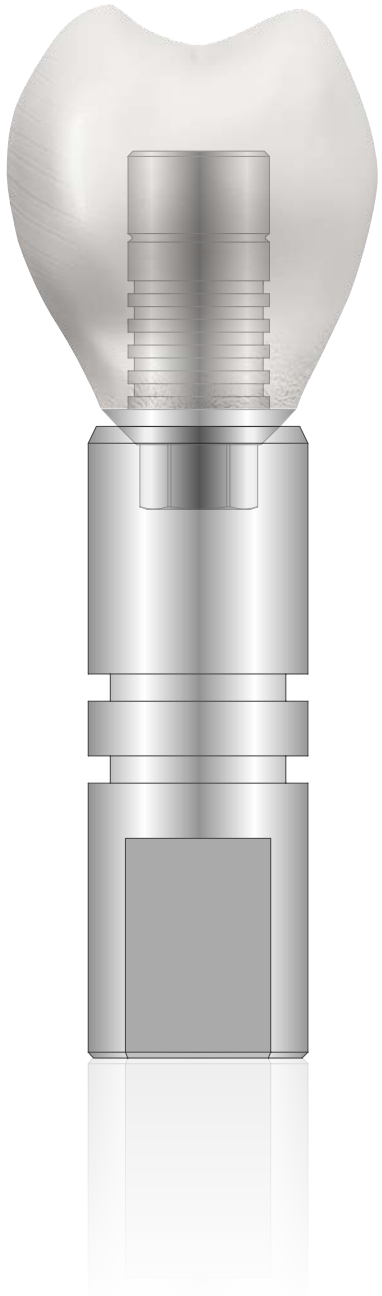
044CAIN-T

Steel analogue for modeling

144AE-T

TBASE, TECNOMED TITANIUM BASE
The best solution for CAD/CAM prosthesis design

Tecnomed titanium aesthetic bases offer maximum safety and reliability thanks to the manufacturing process and quality controls, that ensure the perfect adaptability of the prosthetic components, based upon technical and surgical choices.



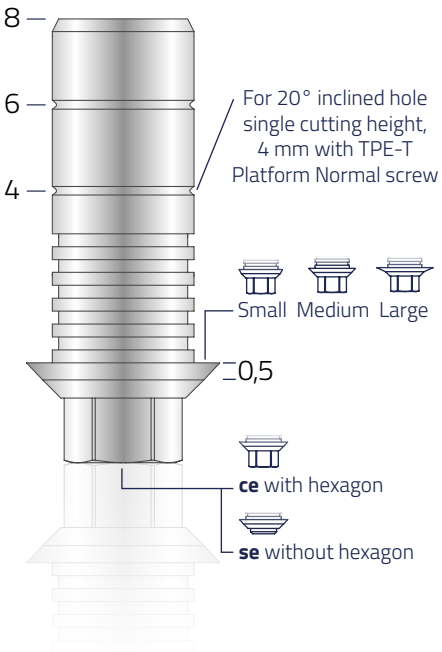
1

RELIABILITY

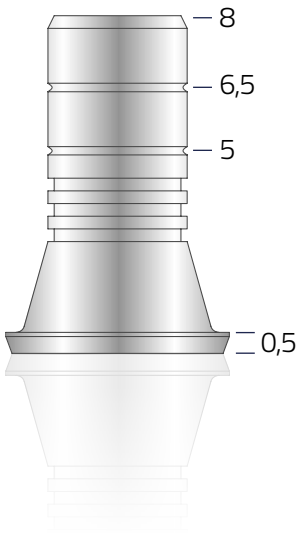
- TECNOMED original connections ensure a better junction between implant and abutment.
- Titanium mechanical characteristics reduce the risk of possible complications.

Extensive libraries are available for open CAD systems, 3Shape©, Exocad© and Dental Wings©.
- ***TB*** library for TBase in titanium for bonding
- ***DIRECT*** library for direct fastening connection

TBASE FOR SINGLE AND MULTIPLE PROSTHESIS



TBASE FOR CONNECTOR BRIDGE ABUTMENT

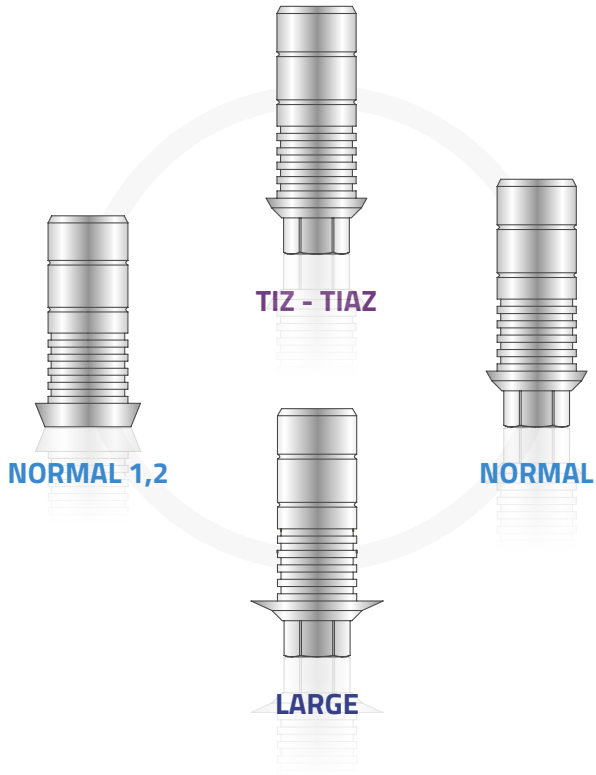


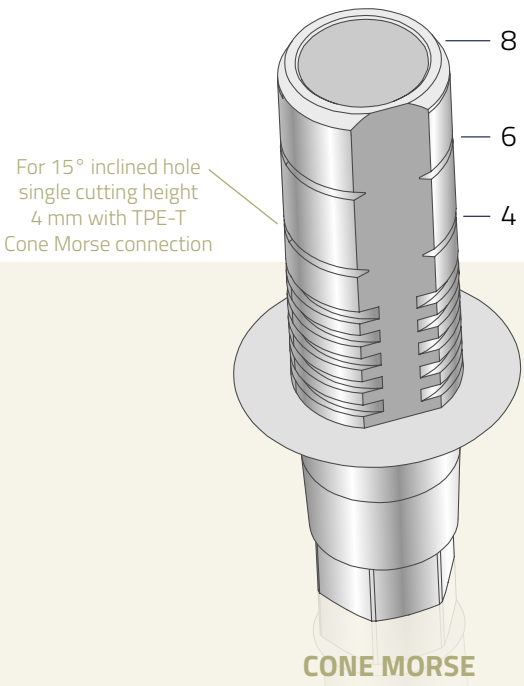
2 SMART DESIGN

Reduced trans-mucous height to manage the aesthetics. This base body surface guarantees a better coupling stability, while CAD libraries offer solutions to cope with the cementable body different heights (4-6-8 mm). For the Connector Bridge Abutment the cementable heights are 5-6,5-8 mm. The user can choose the most suitable height for the customized prosthetic solution.

3 FLEXIBILITY AT YOUR SERVICE

A wide range of choices for every kind of implant allows to deal with the greatest number of cases with greater simplicity, respecting biological structures.





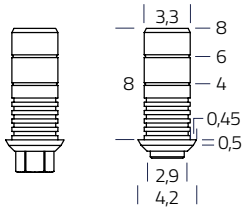
4 CONE MORSE ACCURACY

- Reduction of micro-movements.
- Designed to deliver a perfect seal, in order to prevent bacterial colonization.

Internal hexagon Platform Tiz - Tiaz

Tightening torques and tools p. 140

TBase for CAD/CAM technology

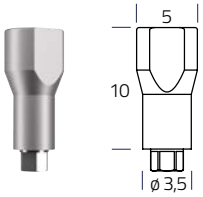


LONG-SMALL titanium aesthetic base

(Cutting rings at 4-6-8 mm, for fixation)

TBZI-L-ce-T
ce with hexagon
for single prosthesis

TBZI-L-se-T
se without hexagon
for multiple prosthesis



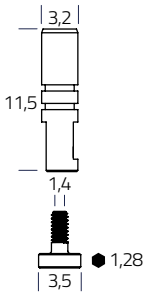
Titanium scanbody

SBZI-T

intra and extra oral use

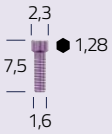
M1,6-T titanium fastening screw

TP00Z-T



Steel analogue
for 3D models

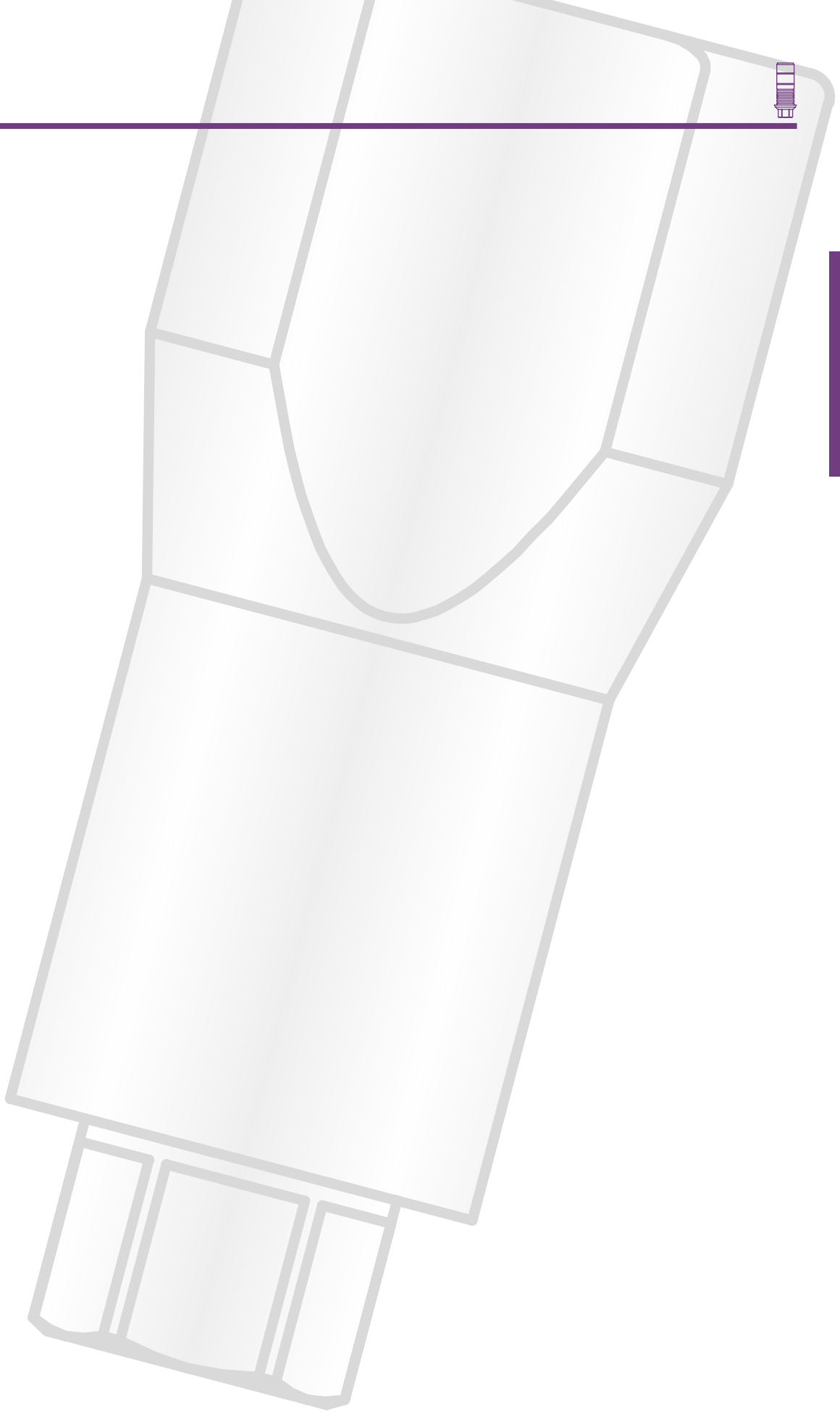
SAZI-3-T (digital code IZ)
SKI 10/13R-T p. 138 driver required



M1,6-T titanium fastening screw

TP00Z-T Every abutment comes with a screw.
SKI-N-T driver required, see p. 139

Also available on request titanium fastening screw with hexalobe engagement
for 20° inclined hole, and suited driver (max tightening torque 20 Ncm)

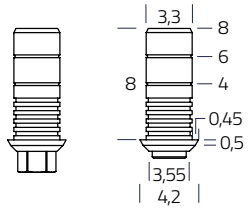


Extensive libraries are available for open CAD systems, 3Shape©, Exocad© and Dental Wings©.
- ***TB*** library for TBase in titanium for bonding
- ***DIRECT*** library for direct fastening connection

Internal hexagon Platform Normal

Tightening torques and tools p. 140

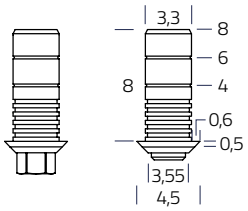
TBase for CAD/CAM technology



LONG-SMALL titanium aesthetic base
(Cutting rings at 4-6-8 mm, for fixation)

TBNI-LS-ce-T **ce** with hexagon for single prosthesis
TBNI-LS-se-T **se** without hexagon for multiple prosthesis

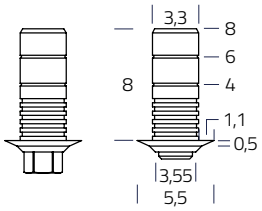
In case of 20 degrees angled hole the only cutting height is 4 mm, with TPE-T fastening screw



LONG-MEDIUM titanium aesthetic base
(Cutting rings at 4-6-8 mm, for fixation)

TBNI-LM-ce-T **ce** with hexagon for single prosthesis
TBNI-LM-se-T **se** without hexagon for multiple prosthesis

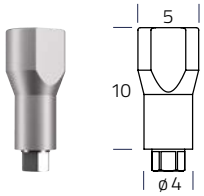
In case of 20 degrees angled hole the only cutting height is 4 mm, with TPE-T fastening screw



LONG-LARGE titanium aesthetic base
(Cutting rings at 4-6-8 mm, for fixation)

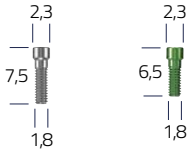
TBNI-LL-ce-T **ce** with hexagon for single prosthesis
TBNI-LL-se-T **se** without hexagon for multiple prosthesis

In case of 20 degrees angled hole the only cutting height is 4 mm, with TPE-T fastening screw



Titanium scanbody

SBNI-T intra and extra oral use

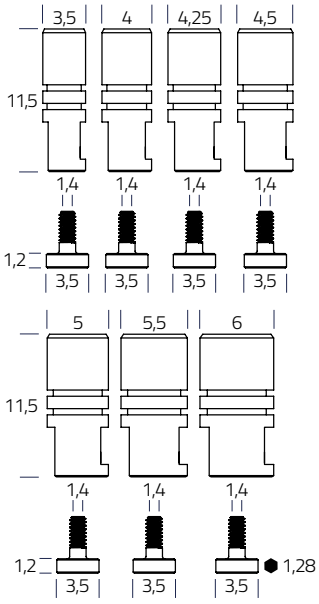


Titanium fastening screw

TP00-T
TP00-S-T for Short-T implant h 5 mm

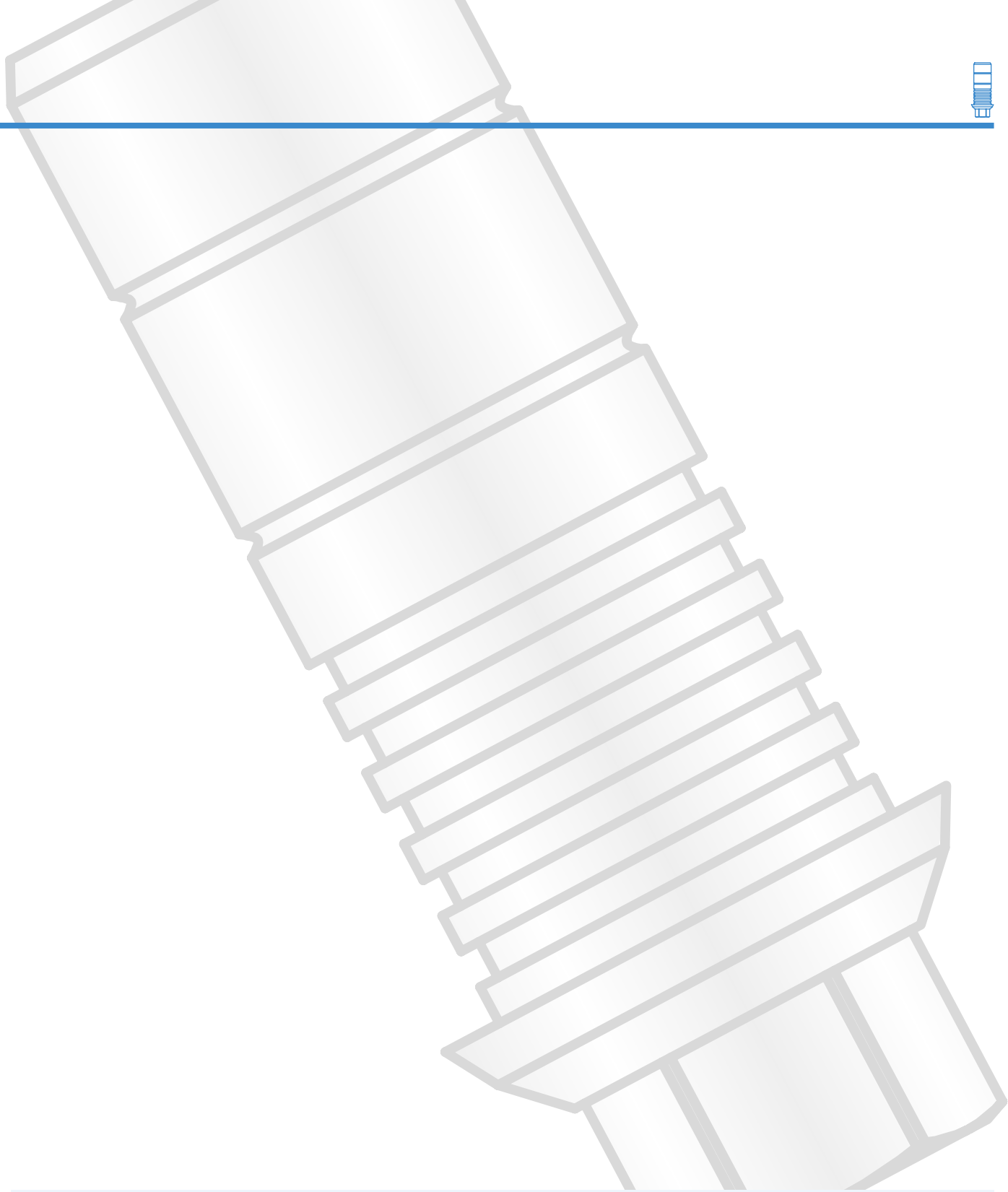
Comp base SIRONA® E/I NON ROT. D3.5
Comp base SIRONA® E/I ROT. D3.5

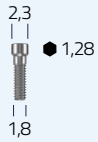
SI-SV35-T
SI-SV35-R-T



Steel analogue for 3D models

SANI-3,5-T (digital code IN35)
SANI-4-T (digital code IN40)
SANI-4,25-T (digital code IN42)
SANI-4,5-T (digital code IN45)
SANI-5-T (digital code IN50)
SANI-5,5-T (digital code IN55)
SANI-6-T (digital code IN60)
SKI 10/13R-T p. 138 driver required



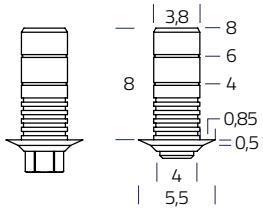
	M1,8-T titanium fastening screw	**TP00-T**	Every abutment comes with a screw. **SKI-N-T** driver required, see p. 139
	M1,8-T hexalobe engage screw for 20 degrees angled hole	**TPE-T**	**SH24-T** Hexalobe driver available on request, see p. 139 (Max torque 20 Ncm)

Extensive libraries are available for open CAD systems, 3Shape©, Exocad© and Dental Wings©.
- ***TB*** library for TBase in titanium for bonding
- ***DIRECT*** library for direct fastening connection

Internal hexagon Platform Large

Tightening torques and tools p. 140

TBase for CAD/CAM technology

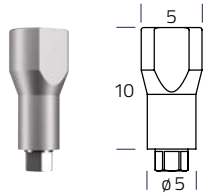


LONG-LARGE titanium aesthetic base

(Cutting rings at 4-6-8 mm, for fixation)

TBKI-LL-ce-T
ce with hexagon
for single prosthesis

TBKI-LL-se-T
se without hexagon
for multiple prosthesis



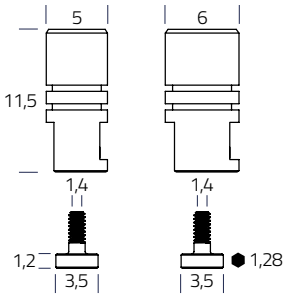
Titanium scanbody

SBKI-T

intra and extra oral use

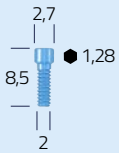
M2-T titanium fastening screw

TP01-T



Steel analogue
for 3D models

SAKI-5-T (digital code IL50)
SAKI-6-T (digital code IL60)
SKI 10/13R-T p. 138 driver required



M2-T titanium fastening screw

TP01-T

Every abutment comes with a screw.
SKI-N-T driver required, see p. 139

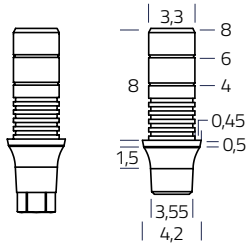
Also available on request titanium fastening screw with hexalobe engagement for 20° inclined hole, and suited driver (max tightening torque 20 Ncm)

Extensive libraries are available for open CAD systems, 3Shape©, Exocad© and Dental Wings©.
- ***TB*** library for TBase in titanium for bonding
- ***DIRECT*** library for direct fastening connection

Internal hexagon Cone Morse connection

Tightening torques and tools p. 140
Unblocking system p. 142

TBase for CAD/CAM technology



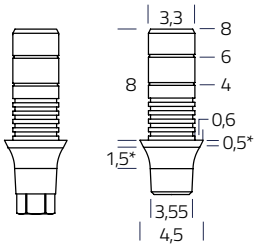
LONG-SMALL titanium aesthetic base

(Cutting rings at 4-6-8 mm, for fixation)

TBNI-KONO-S-LS-ce-T **ce** with hexagon for single prosthesis

TBNI-KONO-S-LS-se-T **se** without hexagon for multiple prosthesis

In case of 15 degrees angled hole the only cutting height is 4 mm, with TPE-T fastening screw



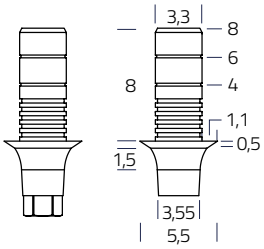
LONG-MEDIUM titanium aesthetic base

(Cutting rings at 4-6-8 mm, for fixation)

TBNI-KONO-S-LM-ce-T **ce** with hexagon for single prosthesis

TBNI-KONO-S-LM-se-T **se** without hexagon for multiple prosthesis

In case of 15 degrees angled hole the only cutting height is 4 mm, with TPE-T fastening screw



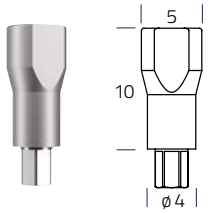
LONG-LARGE titanium aesthetic base

(Cutting rings at 4-6-8 mm, for fixation)

TBNI-KONO-S-LL-ce-T **ce** with hexagon for single prosthesis

TBNI-KONO-S-LL-se-T **se** without hexagon for multiple prosthesis

In case of 15 degrees angled hole the only cutting height is 4 mm, with TPE-T fastening screw



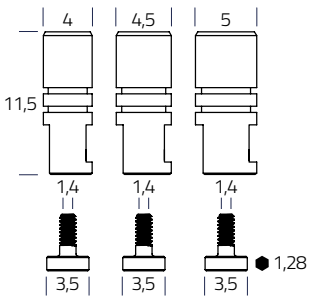
Titanium scanbody

SBNI-kono s-T

intra and extra oral use

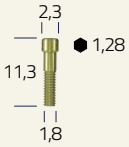
M1,8-T titanium fastening screw

TPK-T



Steel analogues for 3D models

K40-T
K45-T
K50-T
SKI 10/13R-T p. 138 driver required

	M1,8-T Titanium fastening screw	**TPK-T**	Every abutment comes with a screw. **SKI-N-T** driver required, see p. 139
	M1,8-T Titanium fastening screw for 15 degrees angled hole	**TPE-T**	**SH24-T** Hexalobe driver available on request, see p. 139 (Max torque 20 Ncm)

Extensive libraries are available for open CAD systems, 3Shape©, Exocad© and Dental Wings©.
- ***TB*** library for TBase in titanium for bonding
- ***DIRECT*** library for direct fastening connection

AGGIUNGERE -T ANCHE QUI?

ORIGINAL LIBRARY NAME	DIAMETERS	CONNECTION	ANALOGUE	SCBO
TECNOMED_TIZ	3	Tiz - Tiaz	AN_SAZI-3,0	SCBO_SBZI
TECNOMED_SIMPLY	3,5	Normal	AN_SANI-3,5	SCBO_SBNI
	4,0	Normal	AN_SANI-4,0	SCBO_SBNI
	4,5	Normal	AN_SANI-4,5	SCBO_SBNI
	5,0	Normal	AN_SANI-5,0	SCBO_SBNI
TECNOMED_TIBc	3,5	Normal	AN_SANI-3,5	SCBO_SBNI
TECNOMED_TIDc	4,0	Normal	AN_SANI-4,0	SCBO_SBNI
TECNOMED_TILc	4,5	Normal	AN_SANI-4,5	SCBO_SBNI
TECNOMED_TICc	5,0	Large	AN_SAKI-5,0	SCBO_SBKI
TECNOMED_TIGc	6,0	Large	AN_SAKI-6,0	SCBO_SBKI
TECNOMED_TVI-Tr	3,5	Normal	AN_SANI-3,5	SCBO_SBNI
	4,0	Normal	AN_SANI-4,5	SCBO_SBNI
	4,5	Normal	AN_SANI-4,5	SCBO_SBNI
	5,0	Normal	AN_SANI-4,5	SCBO_SBNI
	6,0	Normal	AN_SANI-4,5	SCBO_SBNI
TECNOMED_SIRIO	4,0	Normal	AN_SANI-4,0	SCBO_SBNI
	4,5	Normal	AN_SANI-4,5	SCBO_SBNI
	5,0	Large	AN_SAKI-5,0	SCBO_SBKI
TECNOMED_SHORT	4,25	Normal	AN_SANI-4,25	SCBO_SBNI
	5,0	Normal	AN_SANI-5,0	SCBO_SBNI
	6,0	Normal	AN_SANI-6,0	SCBO_SBNI
TECNOMED_KONOS_S	3,5-4	Cone Morse	AN_SANI-KONO_S-3,5-4	SCBO_SBNI_KONO_S
	4,5	Cone Morse	AN_SANI-KONO_S-4,5	SCBO_SBNI_KONO_S
	5	Cone Morse	AN_SANI-KONO_S-5	SCBO_SBNI_KONO_S
TECNOMED_CLOSE_BL	3,5-4	Cone Morse	AN_SANI-KONO_S-3,5-4	SCBO_SBNI_KONO_S
	4,5	Cone Morse	AN_SANI-KONO_S-4,5	SCBO_SBNI_KONO_S
	5	Cone Morse	AN_SANI-KONO_S-5	SCBO_SBNI_KONO_S
TECNOMED_TV-Tr	4.1	Normal 1,2	AN_SANE-1,2-4,1	SCBO_SBNE
TECNOMED_CONI	5,0		AN_SAN-K	SCBO_SBNI_CONI_A
TECNOMED_CONI-SP-base 4	4,0		AN_C-SAN-K	SCBO_C_SBNI_CONI_A
TECNOMED_PROGRESSIVE	3,5	Normal	AN_SANI-3,5	SCBO_SBNI
	4,0	Normal	AN_SANI-4	SCBO_SBNI
	4,5	Normal	AN_SANI-4,5	SCBO_SBNI
	5,0	Normal	AN_SANI-5,0	SCBO_SBNI
	6,0	Large	AN_SAKI-6,0	SCBO_SBKI
TECNOMED_TIAZ	3,3 (3,5)	Tiz - Tiaz	AN_SAZI-3,0	SCBO_SBZI
TECNOMED_TIA	3,3 (4,0)	Normal	AN_SANI-4	SCBO_SBNI
TECNOMED_TIB	3,75 (4,0)	Normal	AN_SANI-4	SCBO_SBNI
TECNOMED_TID	4,25	Normal	AN_SANI-4,25	SCBO_SBNI
TECNOMED_TIC	5,0	Normal	AN_SANI-5,0	SCBO_SBNI
TECNOMED_PROGRESSIVE (old)	3,5	Normal	AN_SANI-4,0	SCBO_SBNI
TECNOMED_TIBc (old)	3,5	Normal	AN_SANI-4,0	SCBO_SBNI
TECNOMED_TVI-Tr (old)	3,5	Normal	AN_SANI-4	SCBO_SBNI

AGGIUNGERE -T ANCHE QUI?

TBASE	SCREW	DIRECT AR	DIRECT ROT
TBZI-L SE/CE (TBase_h4/6/8)	TP00-Z	GEO_SBZI_AR	GEO_SBZI_ROT
TBNI-LS SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LM SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LM SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LL SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LS SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LM SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LM SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBKI-LL SE/CE (TBase_h4/6/8)	TP-01-BKI	GEO_SBKI_AR	GEO_SBKI_ROT
TBKI-LL SE/CE (TBase_h4/6/8)	TP-01-BKI	GEO_SBKI_AR	GEO_SBKI_ROT
TBNI-LS SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LM SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LM SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LL SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LL SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LM SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LM SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBKI-LL SE/CE (TBase_h4/6/8)	TP-01-BKI	GEO_SBKI_AR	GEO_SBKI_ROT
TBNI-LM SE/CE (TBase_h4/6/8)	TP00-S/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LL SE/CE (TBase_h4/6/8)	TP00-S/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LL SE/CE (TBase_h4/6/8)	TP00-S/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-KONO-S-LS SE/CE (TBase_h4/6/8)	TPK	GEO_SBNI_KONO_S_AR	GEO_SBNI_KONO_S_ROT
TBNI-KONO-S-LM SE/CE (TBase_h4/6/8)	TPK	GEO_SBNI_KONO_S_AR	GEO_SBNI_KONO_S_ROT
TBNI-KONO-S-LL SE/CE (TBase_h4/6/8)	TPK	GEO_SBNI_KONO_S_AR	GEO_SBNI_KONO_S_ROT
TBNI-KONO-S-LS SE/CE (TBase_h4/6/8)	TPK	GEO_SBNI_KONO_S_AR	GEO_SBNI_KONO_S_ROT
TBNI-KONO-S-LM SE/CE (TBase_h4/6/8)	TPK	GEO_SBNI_KONO_S_AR	GEO_SBNI_KONO_S_ROT
TBNI-KONO-S-LL SE/CE (TBase_h4/6/8)	TPK	GEO_SBNI_KONO_S_AR	GEO_SBNI_KONO_S_ROT
TBNE-L SE/CE (TBase_h4/6/8)	TP-01-BNE / ✱	GEO_SBNE_AR	GEO_SBNE_ROT
TB-CONI-L (TBase_h4,5/5,5/7,5)	M1.4 / ✱		GEO_SBNI_CONI_A_ROT
C-TB-CONI-L (TBase_h4,5/6/8)	M1,8-C / ✱		GEO_C_SBNI_CONI_A_ROT
TBNI-LS SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LM SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LM SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LL SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBKI-LL SE/CE (TBase_h4/6/8)	TP-01-BKI	GEO_SBKI_AR	GEO_SBKI_ROT
TBZI-L SE/CE (TBase_h4/6/8)	TP00-Z	GEO_SBZI_AR	GEO_SBZI_ROT
TBNI-LM SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LM SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LM SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LL SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LM SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LM SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT
TBNI-LS SE/CE (TBase_h4/6/8)	TP00/TPE ✱	GEO_SBNI_AR	GEO_SBNI_ROT

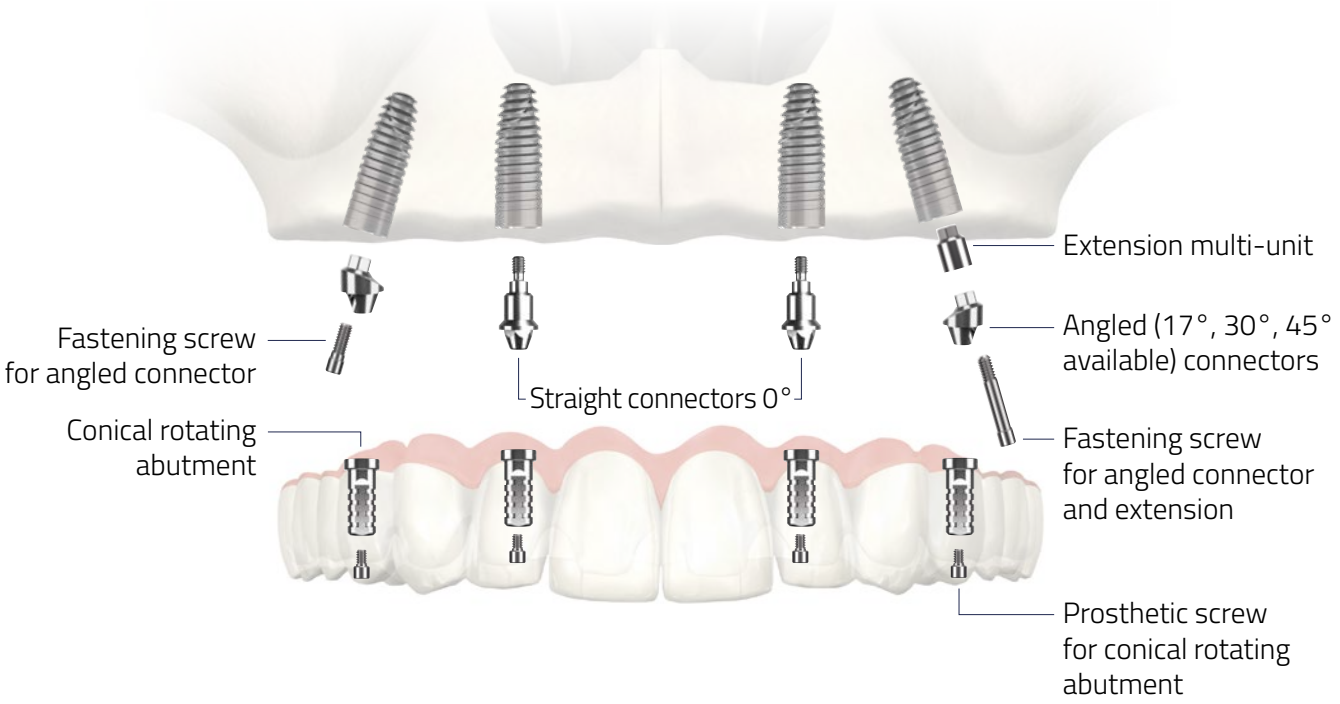
✱ Titanium fastening screw with hexalobe engagement for inclined hole

Connector Bridge Abutment

This method allows the passive adaptation of bars and bridges, cementing the titanium rotating abutment with the metallic structure. Employed in multiple prosthetic solutions, this system reduces the processing time in the lab, considerably simplifying the reconstruction of the fixture implant-prosthesis for dentists and dental technicians.
Connector bridge abutment allows to realize bar reconstructions on 4, 6 or even more implants with straight or angled connectors, simplifying the future management of every kind of prosthetic solution, saving time and money.

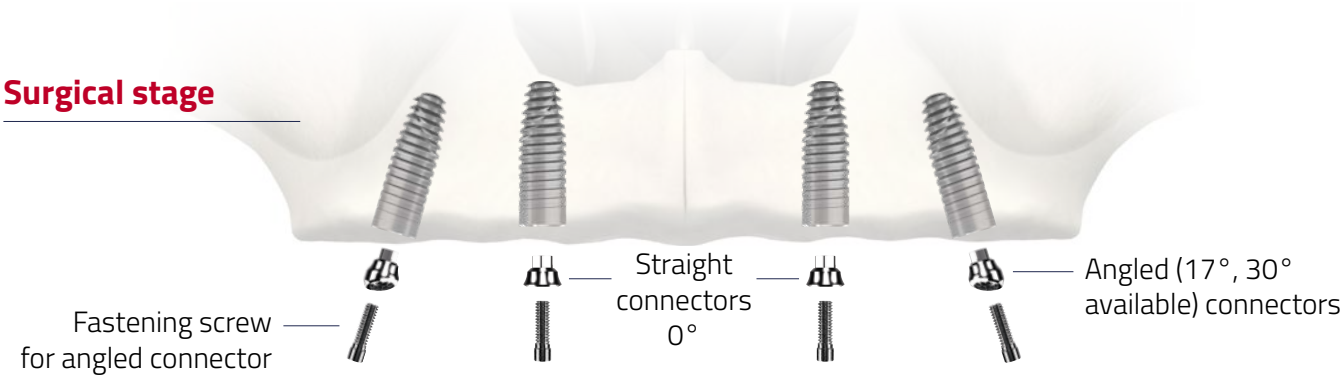
In addition to its versatility, the prosthetic system offers the prosthetist two sets of components.
The classic line has the advantage of extension multi-unit, to manage any bone or gingival modeling during the temporary loading phase.
Alternatively, operators can choose the **SP Base 4** line, with reduced dimensions and the possibility of managing two prostheses per patient (fastened or removable) should the need arise.

Connector Bridge Abutment



Connector Bridge Abutment SP base 4

Surgical stage



Fixed prosthesis
screwed

Removable prosthesis
on hemisphere

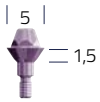
Images for illustrative purposes only. Products are available in multiple versions.

Connector Bridge Abutment

Internal hexagon Platform Tiz - Tiaz

Tightening torques and tools p. 140

Connectors and abutments



Titanium straight conical rotating connector

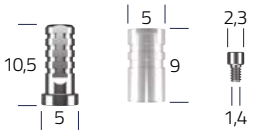
COZI-D 1,5-T h (shoulder) 1,5 mm
COZI-D 3-T h (shoulder) 3 mm
DCD-T  p. 138 steel driver required

Titanium angled (17°, 30°, 45°) conical rotating connector

COZI-17-T
COZI-30-T
COZI-45-T
With M1,6/A-T screw

Titanium healing abutment, h 3,5 mm, for straight and angled connector, base ø 5 mm

TSNC-3,5-T

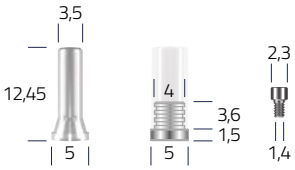


Titanium conical rotating abutment, h 3,5 mm, for straight and angled connector, base ø 5 mm

TMNI-coni-A-T
With M1,4-T screw

Castable cylinder for rotating conical abutment

RUNCA-T

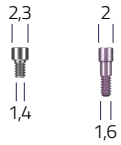


Castable cylinder for straight and angled connector, base ø 5 mm

RUCA-T
With M1,4-T screw

Cobalt chrome base Ucla for straight and angled connector, base ø 5 mm

CUNI/A-T
With M1,4-T screw

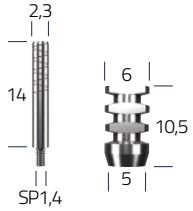


Titanium fastening screw

M1,4-T fastening screw M1,4-T between abutment and connector

M1,6/A-T fastening screw M1,6-T for angled connectors

Impression components



Steel transfer for straight and angled connector, base ø 5 mm

SRCE-T

M1,4-T long fastening screw for transfer

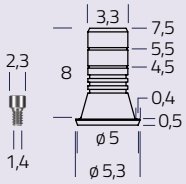
SP1,4-T

Steel analogue for straight and angled connector, base ø 5 mm

SAN-K-T

TB Digital system

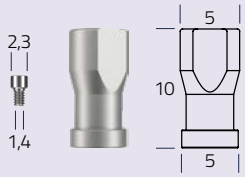
TBase for CAD/CAM technology



Aesthetic rotating conical base LONG for straight and angled connector, base ø 5 mm

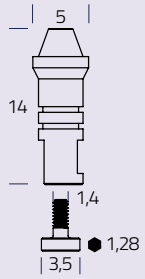
TB-coni-L-T
With M1,4-T screw

For 10° inclined hole, 5,5 mm single cutting height with special screw available on request and dedicated screwdriver
For 20° inclined hole, 5,5 mm single cutting height with special screw available on request and dedicated screwdriver



Titanium rotating conical Scanbody for straight and angled connector, base ø 5 mm

SBNI-coni-A-T
With M1,4-T screw



Steel analogue for straight and angled connector, base ø 5 mm

SAN-K-T for 3D model **(CN5)**
SKI 10/13R-T p. 138 driver required

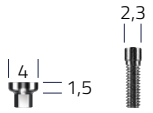
Extensive libraries are available for open CAD systems, 3Shape©, Exocad© and Dental Wings©.
- ***TB*** library for TBase in titanium for bonding
- ***DIRECT*** library for direct fastening connection

Connector Bridge Abutment SP base 4

Internal hexagon Platform Tiz - Tiaz

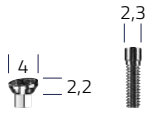
Tightening torques and tools p. 140

SP base 4 Connectors and abutments



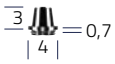
Straight titanium abutment with shoulder, base ø 4 mm

COZI-SP00-T h (shoulder) 0 mm
COZI-SP1,5-T h (shoulder) 1,5 mm
COZI-SP3-T h (shoulder) 3 mm
With C-M1,6/A-T fastening screw



17° angled titanium abutment with shoulder, base ø 4 mm

COZI-17-SP00-T h (shoulder) 0 mm
COZI-17-SP1,5-T h (shoulder) 1,5 mm
COZI-17-SP3-T h (shoulder) 3 mm
With C-M1,6/A-T fastening screw

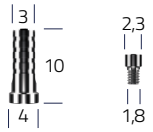


Titanium rotating conical base for straight and angled abutment with shoulder, base ø 4 mm

BC-TMNI-coni-T
SKI-N-T p. 139 driver required

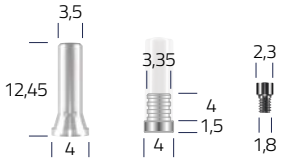
Titanium healing abutment 3,5 mm h, for straight and angled abutment with shoulder, base ø 4 mm

C-TSNC-3,5-T
SKI 10/13R-T p. 138 driver required



Titanium rotating conical abutment or straight and angled abutment with shoulder, base ø 4 mm

C-TMNI-coni-A-T
With C-M1,8/B-T screw



Castable rotating conical for straight and angled abutment with shoulder, base ø 4 mm

C-RUCA-T
With C-M1,8/B-T screw

Chrome cobalt base Ucla for straight and angled abutment with shoulder, base ø 4 mm

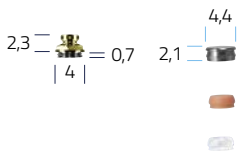
C-CUNI/A-T
With C-M1,8/B-T screw

Titanium fastening screw for straight and angled abutment with shoulder

C-M1,6/A-T

Titanium fastening screw for straight and angled abutment with shoulder, base ø 4 mm

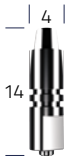
C-M1,8/B-T fastening screw for rotating conical abutment (C-TMNI-coni-A-T) with cylinder (C-RUCA-T)



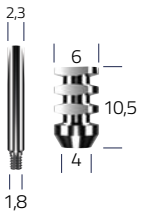
Titanium hemisphere (TiN coated), with Teflon caps, for straight and angled abutment with shoulder, base ø 4 mm

C-LOKI-T
SKI-N-T p. 139 driver required

Impression components SP base 4



Steel analogue for straight and angled abutment with shoulder, base ø 4 mm — **C-SAN-K-T**

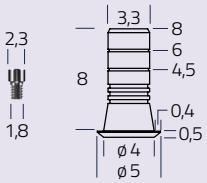


Steel transfer for straight and angled abutment with shoulder, base ø 4 mm — **C-SRCE-T**

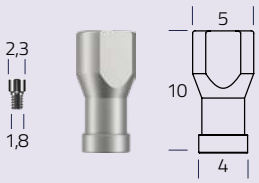
Long fastening screw — **C-SP1,8-T**

TB Digital system

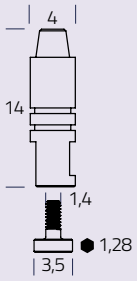
TBase for CAD/CAM technology SP base 4



Titanium rotating conical base LONG, for straight and angled abutment with shoulder — **C-TB-coni-L-T**
With C-M1,8/B-T screw



Titanium rotating conical Scanbody for straight and angled abutment with shoulder ø 4 mm — **C-SBNI-coni-A-T**
With C-M1,8/B-T screw



Steel analogue for straight and angled abutment with shoulder, base ø 4 mm — **C-SAN-K-T** for 3D model **(CN4)**
SKI 10/13R-T p. 138 driver required

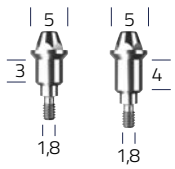
Extensive libraries are available for open CAD systems, 3Shape©, Exocad© and Dental Wings©.
- ***TB*** library for TBase in titanium for bonding
- ***DIRECT*** library for direct fastening connection

Connector Bridge Abutment

Internal hexagon Platform Normal

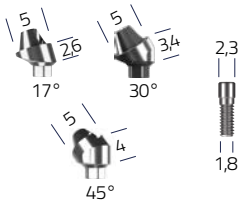
Tightening torques and tools p. 140

Connectors and abutments



Titanium straight Multi unit, with 0,5 mm shoulder, base ø 5 mm

P-CONI-D1,5-T h 1,5 mm (plus 0,5 mm shoulder)
P-CONI-D3-T h 3 mm (plus 0,5 mm shoulder)
P-CONI-D4-T h 4 mm (plus 0,5 mm shoulder)
P-CONI-D5-T h 5 mm (plus 0,5 mm shoulder)
DCD-T p. 138 steel driver required

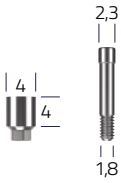


Titanium angled (17°, 30°, 45°) conical rotating connector

CONI-17-T h 2,6 mm
CONI-30-T h 3,4 mm
CONI-45-T h 4 mm
With M1,8/A-T screw

Titanium healing abutment, h 3,5 mm, for straight and angled connector, base ø 5 mm

TSNC-3,5-T



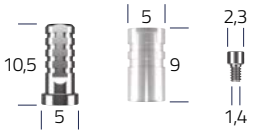
Multi unit extension for angled connectors, base ø 5 mm

P2-CONI-T h 2 mm
With M1,8/A2-T fastening screw

P3-CONI-T h 3 mm
With M1,8/A3-T fastening screw

P4-CONI-T h 4 mm
With M1,8/A4-T fastening screw

P5-CONI-T h 5 mm
With M1,8/A5-T fastening screw

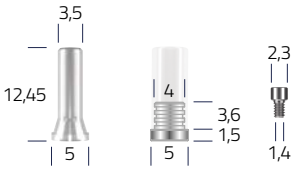


Titanium conical rotating abutment, h 3,5 mm, for straight and angled connector, base ø 5 mm

TMNI-coni-A-T
With M1,4-T screw

Castable cylinder for rotating conical abutment

RUNCA-T

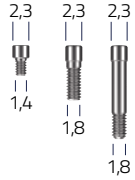


Castable cylinder for straight and angled connector, base ø 5 mm

RUCA-T
With M1,4-T screw

Cobalt chrome base Ucla for straight and angled connector, base ø 5 mm

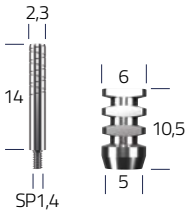
CUNI/A-T
With M1,4-T screw



Titanium fastening screw

M1,4-T fastening screw between abutment and connector
M1,8/A-T fastening screw between connector and implant
M1,8/A2-T fastening screw for P2-CONI-T
M1,8/A3-T fastening screw for P3-CONI-T
M1,8/A4-T fastening screw for P4-CONI-T
M1,8/A5-T fastening screw for P5-CONI-T

Impression components



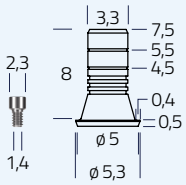
Steel transfer for straight and angled connector, base ø 5 mm — **SRCE-T**

M1,4-T long fastening screw for transfer — **SP1,4-T**

Steel analogue for straight and angled connector, base ø 5 mm — **SAN-K-T**

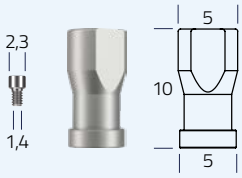
TB Digital system

TBase for CAD/CAM technology

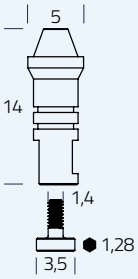


Aesthetic rotating conical base LONG for straight and angled connector, base ø 5 mm — **TB-coni-L-T** With M1,4-T screw

For 10° inclined hole, 5,5 mm single cutting height with special screw available on request and dedicated screwdriver
For 20° inclined hole, 5,5 mm single cutting height with special screw available on request and dedicated screwdriver



Titanium rotating conical Scanbody for straight and angled connector, base ø 5 mm — **SBNI-coni-A-T** With M1,4-T screw



Steel analogue for straight and angled connector, base ø 5 mm — **SAN-K-T** for 3D model **(CN5)**
SKI 10/13R-T p. 138 driver required

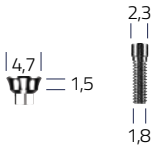
Extensive libraries are available for open CAD systems, 3Shape©, Exocad© and Dental Wings©.
- ***TB*** library for TBase in titanium for bonding
- ***DIRECT*** library for direct fastening connection

Connector Bridge Abutment SP base 4

Internal hexagon Platform Normal

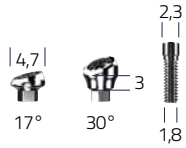
Tightening torques and tools p. 140

SP base 4 Connectors and abutments



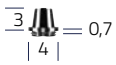
Straight titanium abutment with shoulder, base ø 4 mm

CONI-SP00-T h (shoulder) 0 mm
CONI-SP1,5-T h (shoulder) 1,5 mm
CONI-SP3-T h (shoulder) 3 mm
CONI-SP5-T h (shoulder) 5 mm
With C-M1,8/A-T fastening screw



17°- 30° angled titanium abutment with shoulder, base ø 4 mm

CONI-17-SP00-T ang. 17 with shoulder h 0 mm
CONI-17-SP1,5-T ang. 17 with shoulder h 1,5 mm
CONI-17-SP3-T ang. 17 with shoulder h 3 mm
CONI-17-SP5-T ang. 17 with shoulder h 5 mm
CONI-30-SP00-T ang. 30 with shoulder h 0 mm
CONI-30-SP1,5-T ang. 30 with shoulder h 1,5 mm
CONI-30-SP3-T ang. 30 with shoulder h 3 mm
CONI-30-SP5-T ang. 30 with shoulder h 5 mm
With C-M1,8/A-T fastening screw

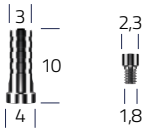


Titanium rotating conical base for straight and angled abutment with shoulder, base ø 4 mm

BC-TMNI-coni-T
SKI-N-T p. 139 driver required

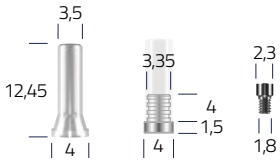
Titanium healing abutment 3,5 mm h, for straight and angled abutment with shoulder, base ø 4 mm

C-TSNC-3,5-T
SKI 10/13R-T p. 138 driver required



Titanium rotating conical abutment or straight and angled abutment with shoulder, base ø 4 mm

C-TMNI-coni-A-T
Completo di vite di fissaggio (C-M1,8/B-T)



Castable rotating conical for straight and angled abutment with shoulder, base ø 4 mm

C-RUCA-T
With C-M1,8/B-T screw

Chrome cobalt base Ucla for straight and angled abutment with shoulder, base ø 4 mm

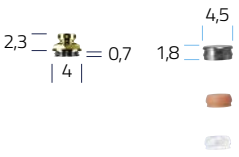
C-CUNI/A-T
With C-M1,8/B-T screw

Titanium fastening screw for straight and angled abutment with shoulder

C-M1,8/A-T fastening screw for straight and angled connector with shoulder

Titanium fastening screw for straight and angled abutment with shoulder, base ø 4 mm

C-M1,8/B-T fastening screw for rotating conical abutment (C-TMNI-coni-A-T) with cylinder (C-RUCA-T)



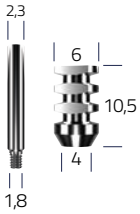
Titanium hemisphere (TiN coated), with Teflon caps, for straight and angled abutment with shoulder, base ø 4 mm

C-LOKI-T
SKI-N-T p. 139 driver required

Impression components SP base 4

Steel analogue for straight and angled abutment with shoulder, base ø 4 mm

C-SAN-K-T



Steel transfer for straight and angled abutment with shoulder, base ø 4 mm

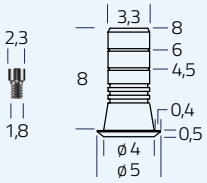
C-SRCE-T

Long fastening screw

C-SP1,8-T

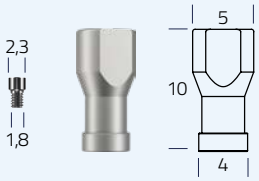
TB Digital system

TBase for CAD/CAM technology SP base 4



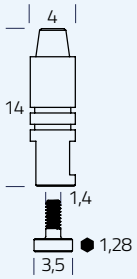
Titanium rotating conical base LONG, for straight and angled abutment with shoulder

C-TB-coni-L-T
With C-M1,8/B-T screw



Titanium rotating conical Scanbody for straight and angled abutment with shoulder ø 4 mm

C-SBNI-coni-A-T
With C-M1,8/B-T screw



Steel analogue for straight and angled abutment with shoulder, base ø 4 mm

C-SAN-K-T for 3D model **(CN4)**
SKI 10/13R-T p. 138 driver required

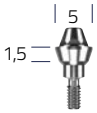
Extensive libraries are available for open CAD systems, 3Shape©, Exocad© and Dental Wings©.
- ***TB*** library for TBase in titanium for bonding
- ***DIRECT*** library for direct fastening connection

Connector Bridge Abutment

Internal hexagon Platform Large

Tightening torques and tools p. 140

Connectors and abutments

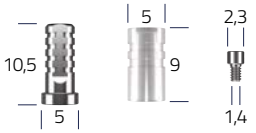


Titanium straight rotating conical abutment

COKI-D1,5-T h 1,5 mm (plus 0,5 mm shoulder)
COKI-D3-T h 3 mm (plus 0,5 mm shoulder)
DCD-T p. 138 steel driver required

Titanium healing abutment, h 3,5 mm, for straight and angled connector, base ø 5 mm

TSNC-3,5-T

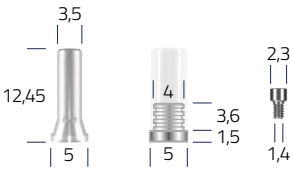


Titanium conical rotating abutment, h 3,5 mm, for straight and angled connector, base Ø5 mm

TMNI-coni-A-T
With M1,4-T screw

Castable cylinder for rotating conical abutment

RUNCA-T



Castable cylinder for straight and angled connector, base ø 5 mm

RUCA-T
With M1,4-T screw

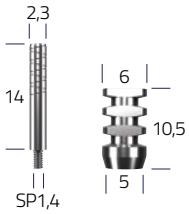
Cobalt chrome base Ucla for straight and angled connector, base ø 5 mm

CUNI/A-T
With M1,4-T screw

Titanium fastening screw

M1,4-T fastening screw between abutment and connector

Impression components



Steel transfer for straight and angled connector, base ø 5 mm

SRCE-T

M1,4-T long fastening screw for transfer

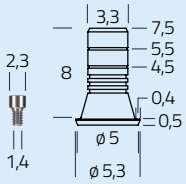
SP1,4-T

Steel analogue for straight and angled connector, base ø 5 mm

SAN-K-T

TB Digital system

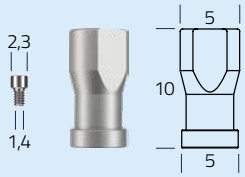
TBase for CAD/CAM technology



Aesthetic rotating conical base LONG for straight and angled connector, base ø 5 mm

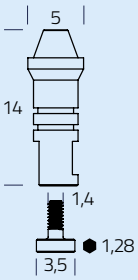
TB-coni-L-T
With M1,4-T screw

For 10° inclined hole, 5,5 mm single cutting height with special screw available on request and dedicated screwdriver
For 20° inclined hole, 5,5 mm single cutting height with special screw available on request and dedicated screwdriver



Titanium rotating conical Scanbody for straight and angled connector, base ø 5 mm

SBNI-coni-A-T
With M1,4-T screw



Steel analogue for straight and angled connector, base ø 5 mm

è corretto così?

SAN-K-T for 3D model
(CN5)
SKI 10/13R-T p. 138 driver required

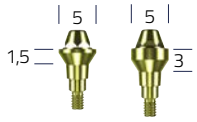
Extensive libraries are available for open CAD systems, 3Shape©, Exocad© and Dental Wings©.
- ***TB*** library for TBase in titanium for bonding
- ***DIRECT*** library for direct fastening connection

Connector Bridge Abutment

Internal hexagon Cone Morse connection

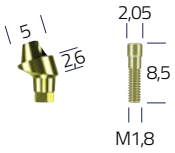
Tightening torques and tools p. 140
Unblocking system p. 142

Connectors and abutments



Titanium straight rotating conical connector

CONI-D1,5-kono s-T 1,5 mm
CONI-D3-kono s-T 3 mm
CONI-D4-kono s-T 4 mm
CONI-D5-kono s-T 5 mm
DCD-T  p. 138 steel driver required

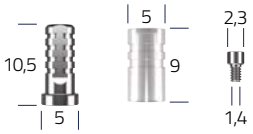


17° - 30° angled titanium rotating conical connector

CONI-17-kono s-T h 2,6 mm
CONI-30-kono s-T h 3,4 mm
With M1,8/K-T fastening screw

Titanium healing abutment, h 3,5 mm, for straight and angled connector, base ø 5 mm

TSNC-3,5-T

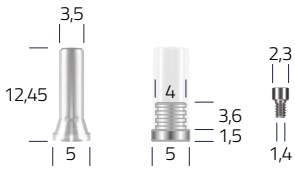


Titanium conical rotating abutment, h 3,5 mm, for straight and angled connector, base ø 5 mm

TMNI-coni-A-T
With M1,4-T screw

Castable cylinder for rotating conical abutment

RUNCA-T

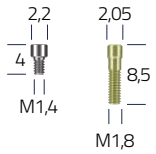


Castable cylinder for straight and angled connector, base ø 5 mm

RUCA-T
With M1,4-T screw

Cobalt chrome base Ucla for straight and angled connector, base ø 5 mm

CUNI/A-T
With M1,4-T screw

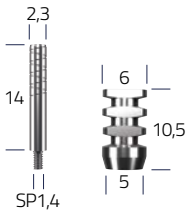


Titanium fastening screw

M1,4-T fastening screw between abutment and connector (both straight and angled)

M1,8/K-T fastening screw between connector and implant

Impression components



Steel transfer for straight and angled connector, base ø 5 mm

SRCE-T

M1,4-T long fastening screw for transfer

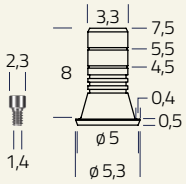
SP1,4-T

Steel analogue for straight and angled connector, base ø 5 mm

SAN-K-T

TB Digital system

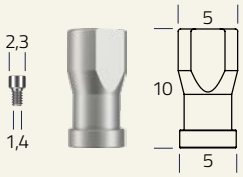
TBase for CAD/CAM technology



Aesthetic rotating conical base LONG for straight and angled connector, base ø 5 mm

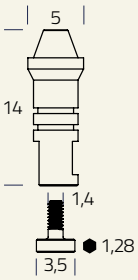
TB-coni-L-T
With M1,4-T screw

For 10° inclined hole, 5,5 mm single cutting height with special screw available on request and dedicated screwdriver
For 20° inclined hole, 5,5 mm single cutting height with special screw available on request and dedicated screwdriver



Titanium rotating conical Scanbody for straight and angled connector, base ø 5 mm

SBNI-coni-A-T
With M1,4-T screw



Steel analogue for straight and angled connector, base ø 5 mm

SAN-K-T for 3D model
(CN5)
SKI 10/13R-T p. 138 driver required

Extensive libraries are available for open CAD systems, 3Shape©, Exocad© and Dental Wings©.
- ***TB*** library for TBase in titanium for bonding
- ***DIRECT*** library for direct fastening connection

Complementary prosthetic instruments

Prosthetic digital drivers

1,28 mm hex. Digital driver for fastening screws

SKI-2R-T	h 2 mm
SKI-10-T	h 10 mm
SKI-13R-T	h 13 mm
SKI-40-T	h 40 mm

0,9 mm hex. Digital driver for fastening screws

SKE-10-T	h 10 mm
SKE-13-T	h 13 mm

Pen driver for fastening screws
1,28 mm hexagon — **SKI-P-T**

Pen driver for cap screws
0,9 mm hexagon — **SKE-P-T**

Manual drivers and adapters

Manual driver — **SM-01-T**

Manual support
for handpiece driver — **PCM-T**

Steel driver

DCD-T	for straight connectors and Ø 2,2 mm ball attachments
SP1,4-T	fastening screw

Available on request with SP1,4-T fastening screw

Inserter for angled connectors
CONI 17-30-45-T — **SK 1,4-T**

Retaining caps
inserter/extractor — **485IC-T** — for ball and hemisphere attachments

Torque wrench

Torque wrench 15 to 35 NW with insert	**ST-D-00-T**	

Extension for torque wrench	**SKI-N-T**	1,28 mm hexagon tip
	SKE-N-T	0,9 mm hexagon tip available on request

Handpiece prosthetic drivers

Handpiece driver	**SH0,9-T**	0,9 hexagon tip
	SH13-T	1,28 hexagon tip

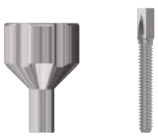
Handpiece driver 1,28 hexagon tip for M2,0/A-T fastening screw on 17° angled connectors external hexagon	**SH13c-T**	

Handpiece prosthetic driver for angled hole

Hexalobe driver 24 mm h for angled holes	**SH-24-T**	

Other accessories

Extractor	**ES-00-T**	



Digital driver for taps	**SV-TP-T**	
Tap for internal thread grinding	**SV-TP00-T**	on M1,8-T thread fixtures
Tap for external thread grinding	**SV-TP01-T**	on M2-T thread fixtures

Tightening torques and tools

Healing abutments

Screw code	TSZI-T	TSNI-T	TSNI-S-T	TSKI-T	TSNI Konos-T	TSNE 1,2-T
	Tiz - Tiaz	Normal		Large	Cone Morse	Normal 1,2
SKI 10/13R-T 1,28	●	●	●	●	●	●
	1,6	1,8	1,8	2	1,8	2

Impression components

Screw code	SP01-Z-T SRZI-T	SP01-T SRNI-T	SP01-S-T	SP02-T SRKI-T	SP01 kono s-T SRNI-konos-T	SP02-T SRNE-1,2-T
	Tiz - Tiaz	Normal		Large	Cone Morse	Normal 1,2
SKI 10/13R-T 1,28	●	●	●	●	●	●
	1,6	1,8	1,8	2	1,8	2

Fastening screws for abutments and TBase on implants

Screw code	TP00Z-T	TP00-T	TPE-T Inclined hole	TP00-S-T Short-T h 5 mm	TP00-AU-T	TP01-T h 8,5	TPK-T	TP01-T h 6,7	TP01-AU-T
	Tiz - Tiaz	Normal				Large	Cone Morse	Normal 1,2	
ST-D-00-T	25 Ncm	30 Ncm	20 Ncm	30 Ncm	30 Ncm	35 Ncm	30 Ncm	35 Ncm	35 Ncm
SKI-N-T 1,28	●	●		●	●	●	●	●	●
SH-24-T			✱						
	1,6	1,8	1,8	1,8	1,8	2	1,8	2	2

Connector Bridge Abutment

Screw code	M1,6/A-T	COZI-D-T	M1,8/A-T	P-CONI-D-T	COKI-D-T	M1,8K-T	CONI-D kono s-T	M2,0/A-T	CONE-D-T	TSNC 3,5-T
	Tiz - Tiaz		Normal		Large	Cone Morse		Normal 1,2		
ST-D-00-T	25 Ncm	25 Ncm	30 Ncm	30 Ncm	35 Ncm	30 Ncm	30 Ncm	35 Ncm	35 Ncm	15 Ncm
SKI-N-T 1,28	●		●			●				●
SH13c-T								●		
DCD-T		●		●	●		●		●	
	1,6	1,6	1,8	1,8	2	1,8	1,8	2	2	1,4
SK 1,4-T	≡		≡			≡		≡		
	COZI 17/30/45-T		CONI 17/30/45-T			CONI-17/30 kono s-T		CONE-17/30-T		

Connector Bridge Abutment base 4

Screw code	C-M1,6/A-T	C-M1,8/A-T	BC-TMNI-CONI-T	C-TSNC-3,5-T	C-LOKI-T
	Tiz - Tiaz		Tiz - Tiaz		
		Normal			
ST-D-00-T	25 Ncm	30 Ncm	30 Ncm	20 Ncm	25 Ncm
SKI-N-T 1,28	●	●	●	●	●
	 1,6	 1,8		 1,8	
	 COZI-SP-T	 COZI-17-T	 CONI-SP-T	 CONI-17/30-T	

Fastening screws for prosthetic superstructures on Connector Bridge Abutment

Screw code	M1,4-T	C-M1,8/B-T	M1,4-T	C-M1,8/B-T
ST-D-00-T	15 Ncm	25 Ncm	15 Ncm	25 Ncm
SKI-N-T 1,28	●	●	●	●
	 1,4	 1,8	 1,4	 1,8
	 TMNI-Coni-A-T	 C-TMNI-Coni-A-T	 TB-coni-L-T	 C-TB-coni-L-T

Ball attachments ø 2,2 mm

Screw code	TMZI P2,2-T	TMNI P2,2-T	TMKI P2,2-T	TMNI P2,2 kono s-T	TMNE P2,2-T
	Tiz - Tiaz	Normal	Large	Cone Morse	Normal 1,2
ST-D-00-T	20 Ncm	25 Ncm	25 Ncm	25 Ncm	25 Ncm
SKE-N-T 0,9	●		●		●
DCD-T		●		●	
	 1,6	 1,8	 2	 1,8	 2

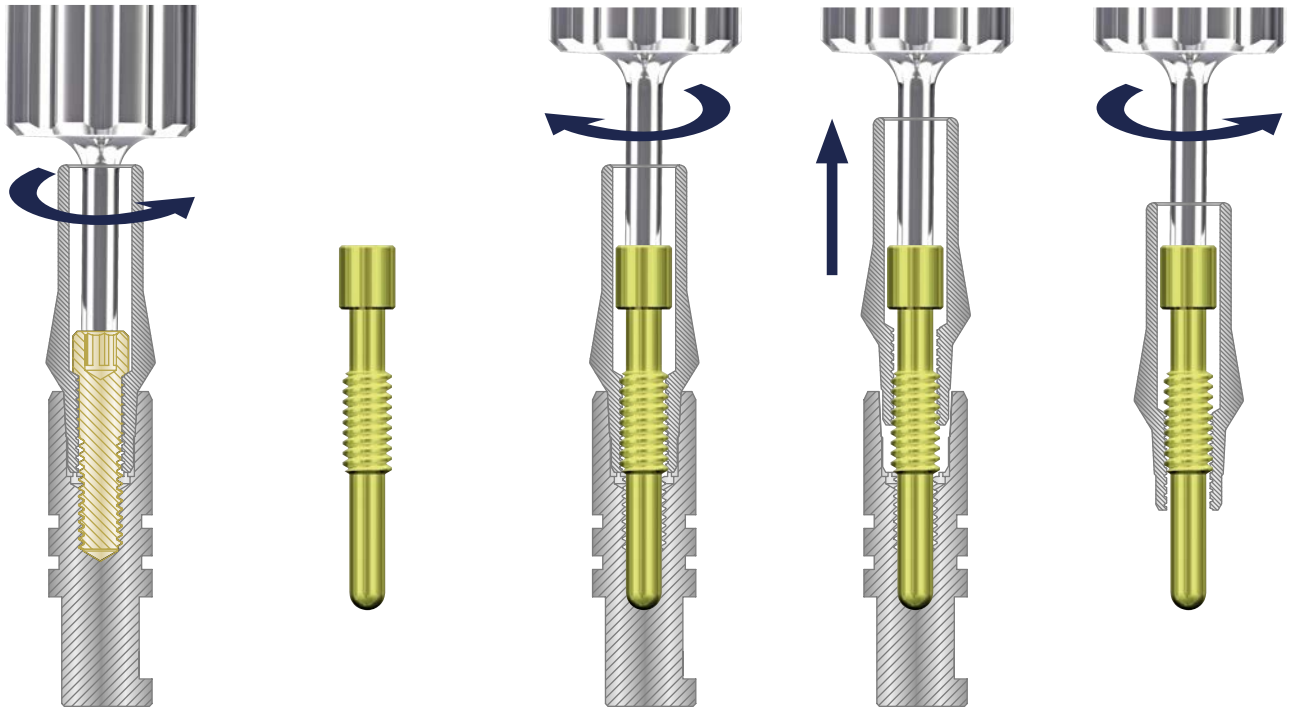
Hemisphere

Screw code	LOZI-T	LOKI-T	LOKI kono s-T	LOKE-T
	Tiz - Tiaz	Normal	Cone Morse	Normal 1,2
ST-D-00-T	20 Ncm	25 Ncm	25 Ncm	25 Ncm
SKI-N-T 1,28	●	●		●
DCD-T			●	
	 1,6	 1,8	 1,8	 2

Unblocking system for Cone Morse connection

TECHNICAL SEQUENCE

When two conical surfaces connect between each other a Cone Morse effect is generated and the two fixtures (implant and abutment) block each other. This morse effect can be canceled by inserting an extractor screw.



1

Unscrew TPK-T prosthetic screw with hex. driver SKI-10/13R-T

Descrizione corretta?

Extractor
ES-00-T

2

Insert the extractor screw ES-00-T in the abutment using SKI-10/13R-T driver

3

Screw it until the abutment comes off

4

Once the abutment has been removed, take off the extractor

PROSTHETIC INSTRUMENTS

ST-D-00-T
Torque wrench 15 to 35 NW with insert

SKI-N-T
Extension for torque wrench, 1,28 mm hexagon tip

DCD-T
Steel driver for straight connectors and ø 2,2 mm ball attachments

SKI-10-T / SKI-13R-T
1,28 mm hex. Digital driver for fastening screw

ES-00-T
Extractor

Chemical and physical properties of cobalt chrome Ucla

CHEMICAL AND PHYSICAL PROPERTIES

Non-magnetic cobalt alloy, certified for implantology use, enriched with Chrome and Molybdenum. Excellent corrosion resistance and good fatigue resistance.
Nickel percentage is 0,1, compared to the standard quality, in order to guarantee a better biocompatibility. Employed in implantology, it is able to manage the highest level of mechanical stress with its hardness and resistance to corrosion.

CASTABLE PLASTIC PORTION

Polycarbonate (PC)

With hexagon
for single prosthesis,
without hexagon
for multiple ones

BASIC CHEMICAL COMPOSITION

30% CHROME (Cr)	**60%** COBALT (Co)	**7%** MOLYBDENUM (Mo)	**1%** SILICON (Si)
1% MANGANESE (Mn)	**1%** OTHERS*		

*The weight concentration of these elements is below the limits given in the supplement ordinary to the C.U. 20.02.1992. General series n° 50. They are not classifiable as dangerous to health nor subject to known exposure limits.

BASIC PROPERTIES

- Tensile strength: **≥ 1000 N/mm2**
- Yield strength: **≥ 700 N/mm2**
- Elongation: **≥ 12%**
- Hardness: **≥ 287 Vikers**
- Temperature for the heat treatment with air cooling: **1075-1150°C**
- Castable temperature: **1430°C**
- Melting range: **1390 +/- 50°C**
- Coefficient of thermal expansion CET 20-500°C: **14.6 * 10-6 K-1**
- Density: **8,29 g/cm2**

OVERCAST

1. Choose the overcast alloy by carefully evaluating that its melting temperature has to be 80°-100° lower than that (1430°) of the Tecnomed component to be overcast, in order not to deform it but to be useful for the union between the two alloys.

2. Precisely and neatly delimit the join between the component and the modeling on top of the plastic portion.

3. Position the casting pins (possibly 3 mm in diameter) in areas of adequate thickness, in order to avoid premature cooling in the region before the completion of the casting itself. Preferably use a phosphate-based coating with 100% concentrated liquid. The coating procedure must be carried out under vacuum, taking care to make the coating flow inside the component without the formation of micro bubbles. The space of the refractory mass must be uniform in order to avoid cooling or deformation due to the positioning of the component and the melting heat of the alloy.

4. Leave in the oven according to the manufacturer's instructions, generally the final temperature is 850-900° C for 30 minutes, with the melting channel down and then another 45 minutes with the cylinder upside down (Info alloy producer).

5. When the melting is complete, leave the cylinder to cool slowly.

Instructions for Tecnomed implants

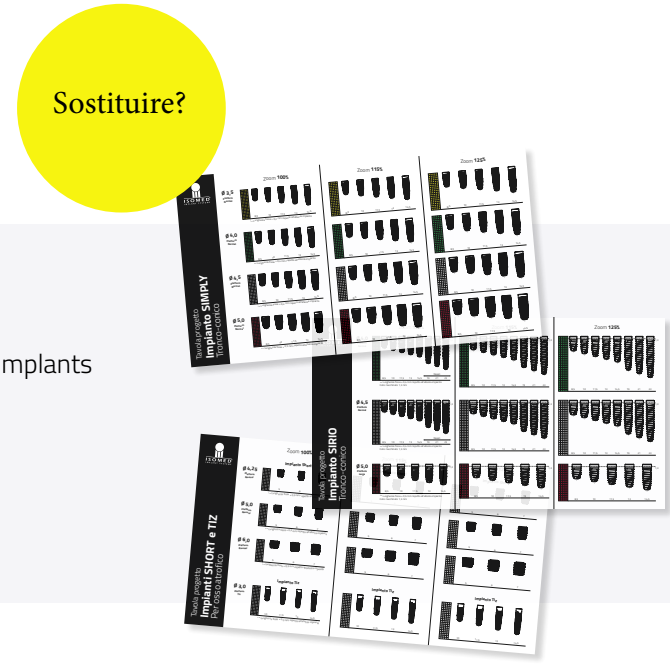
Restrictions
Do not place the implants, in areas where bone support is not adequate, as much as bone quality or bone quantity, to contain the implant itself.
Carefully evaluate the patient's state of health, oral hygiene, smoking, any malocclusions, bruxism and all those conditions that can lead to the failure of implant therapy.
The device is disposable, reuse can compromise the safety features of the device making it unsuitable for its purpose. TECNOMED explicitly declares the single use DM, and assumes no responsibility for any reuse by operators.

Causes of non-osseointegration
Different factors can have a negative impact on implant's osseointegration, such as: smoking; drug consumption; poor oral hygiene; severe periodontal diseases; inadequate protein structures; peri-implantitis; systemic diseases like decompensated diabetes; an overheating of the bone due to a wrong use of the drills, without a correct irrigation with a cold saline or with obsolete drills.

Causes for implant fracture or loosening of the passing screw
Pay attention to the occlusion of the prosthesis on implants, in particular to the transverse forces that can occur as a consequence of excessive intercuspation, with the absence of mandibular junctions. These transverse forces have a damaging effect on the peri-implant bone, with the formation of bone resorption cones. Loss of bone support on the coronal part increases the lever arm and transverse forces can cause loosening of the passing screw or fracture of the implant.
Another possible cause for the fracture of the implant could be a massive disproportion between its length and that of the crown, particularly in those molar regions where big chewing forces are involved. One stage implants Ø 2,5-2,9-3-3,5 mm shall not be loaded singularly, they must be used in group paying attention to the prosthetic loads. This kind of implant can be fractured even during the placement in the bone. It's strongly recommended to drill with the pilot drill for 1 mm longer than the length of the screw, in order to avoid a situation in which the fixture stops on the tip while the operator is screwing it with the ratchet, breaking it. For immediate load overdentures on ball attachments, it is recommended their placement in the lower jaw, only on group of four implants in intraforaminal region.

Combination with other fixtures
Dental implants can be paired only with TECNOMED fixtures (as seen in their catalogue). Combine them with other fixtures can be cause for implant failure.

ORIGINAL TECNOMED PRODUCT



Tecnomed provides the **X-rays transparencies** of the implants in order to be able to plan the interventions.

- 1:1 dimension or 15-25% magnifications.

Publications

Osseointegration of Titanium Dental Implants Modified by Thermal Treatment: Preliminary Data in a Rabbit Model

Antonio Scarano[1]*, **Ezio Crocetta**[1], **Felice Lorusso**[1] and **Alessandro Quaranta**[2]

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[2] Faculty of Health and Medical Sciences Dentistry M512, University of Western Australia, Australia

*Corresponding Author: Antonio Scarano, Professor, Department of Medical, Oral and Biotechnological Sciences and CeSi-MeT, University of Chieti-Pescara, Chieti, Italy

Static Loading to Fracture of Standard Diameter vs. Narrow Machined Dental Implant

Lorusso Felice[1] and **Antonio Scarano**[2]*

[1] PhD Student, Department of Medical, Oral and Biotechnological Sciences, University of Chieti-Pescara, Italy

[2] Full Professor, Department of Medical, Oral and Biotechnological Sciences and CeSi-Met, University of Chieti-Pescara, Italy

*Corresponding Author: Antonio Scarano, Full Professor, Department of Medical, Oral and Biotechnological Sciences and CeSi-Met, University of Chieti-Pescara, Italy

Trattamento delle agenesie congenite degli incisivi laterali superiori mediante impianti narrow

Francesca Postiglione[1], **Felice Lorusso**[1], **Eugenio Conte**[2] e **Antonio Scarano**[3-4]

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[4] Direttore del Master di II Livello in Chirurgia Orale Università degli Studi di Chieti-Pescara

In vivo evaluation of titanium implant bone Integration after surface heat treatment

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[1] Department of Medical, Oral and Biotechnological Sciences, University of Chieti-Pescara

[2] TECNOMED Implant Research Center

[3] Private Practice, Tirane, Albania

[4] Department of Medical, Oral and Biotechnological Sciences and CeSi-MeT, University of Chieti-Pescara

Impianti zigomatici con apice autofilettante e corpo liscio: valutazione del grado di soddisfazione dei pazienti

Antonio Scarano[1], **Felice Lorusso**[2], **Marco Biancardino**[2] e **Roberto Conte**[3]

[1] DDS, MD; Dipartimento di Scienze Mediche, Orali e Biotecnologiche, Università di Chieti-Pescara, Centro Scienze dell'Invecchiamento e Medicina Traslazionale (CeSI-MeT), Università di Chieti-Pescara

[2] DDS; Dipartimento di Scienze Mediche, Orali e Biotecnologiche, Università di Chieti-Pescara

[3] MD, DDS; Libero Professionista, Padova

Survival Rate of Zygomatic Implants for Fixed Oral Maxillary Rehabilitations: A Systematic Review and Meta-Analysis Comparing Outcomes between Zygomatic and Regular Implants

Felice Lorusso[1], **Roberto Conte**[2], **Francesco Inchingolo**[3], **Felice Festa**[1] and **Antonio Scarano**[1]

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[3] Department of Interdisciplinary Medicine, University of Bari "Aldo Moro"

ADVANCED IMPLANT TECHNOLOGY

Titanium and alloys

Grade 4 Titanium
ASTM F67
ISO 5832-2

Grade 5 Titanium
EN TiAl6V4
ASTM F136
ISO 5832-3

CE Marked products
following DIR 93/42 CEE and Smi

ITALCERT
Certified Quality
Management System
UNI CEI EN ISO 13485:2016

Produced and packaged in Italy

We are honoured to be your supplier, and we value your satisfaction. Should you have any question or doubt regarding our products, our kits or our services, please contact our dealers. They are at your service.