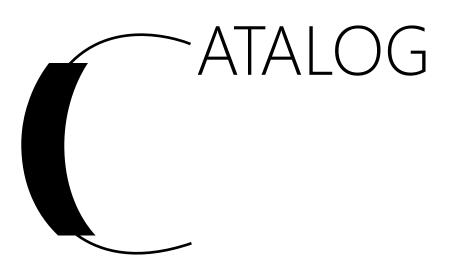




## SURCAM Dental Pro.



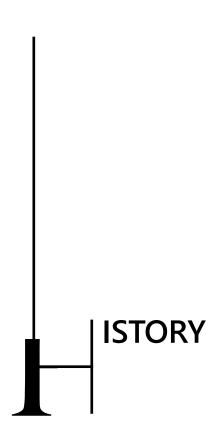
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Transfer 83			Casting	Healing Cap 146
Casting Abutments <b>85</b>			Abutments 132	Transfer 147
Analog <b>86</b>			Analog 133	
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Healing Cap			Healing Cap 135	

Prosthetic Screws

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SURCAM is a fast moving, dynamic company with a focus on designing, developing and manufacturing high quality medical instrumentation. We specialize in the manufacturing of medical equipment and titanium abutments for dental implants.

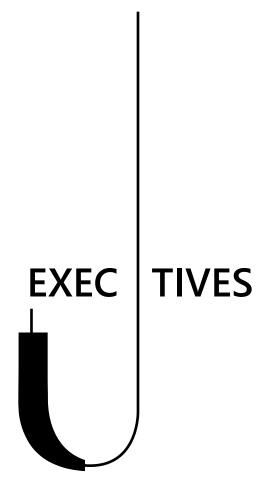
SURCAM was established in 2002 by Mr. Asher Ben Shabbat, who had a desire to create a place where medical experts and clinicians can realize their ideas and medical innovations. Mr. Ben Shabbat offered his own vast mechanical knowledge and many years of experience in the development and production of medical equipment and created SURCAM, which is in essence a high quality environment for the development of outstanding mechanical devices for medical applications.

# SURCAM DENTAL BAKGROUND

### SURCAM's background is rooted in innovation and relies on great experience in the Medical Device world.

SURCAM takes pride in a rich tradition of innovation as it provides high-quality products with simplified procedures at value-added prices.

SURCAM DENTAL started to operate in the field of dental implant's industry in 2006 with the launch of its first prosthetic system. thanks to its sophisticated manufacturing processes, it continues to develop and thrive. The company has a state-of-the-art manufacturing site that is both technologically advanced and cost efficient. This facility, houses CNC machines that are only configured to produce families of parts (rather than individual parts), they meet demanding tolerances while operating in a lights-out manufacturing environment – thus achieving extraordinary efficiency and quality.





#### Asher Ben Shabat - FOUNDER and CEO - R&D, PRODUCTION

With over 30 years of technical R&D and business management experience in the Medical Devices Industry, and extensive and valuable experience in medical equipment development and production for major medical producers around the globe, Mr. Ben Shabbat offers his knowhow and understanding of medical procedures to surgeons and technical experts and helps them with the most difficult task: transforming ideas and sketches into prototypes and into the actual production of high quality medical devices.



**GII Lavi - PARTNER / V.P - MARKETING, LOGISTIC & QA**Offers a welth of 20 years of Marketing, sales and business management experience in a wide range of professional customer markets.



SURCAM is managed by Mr. Ben Shabbat and an experienced staff.

We are alert to the latest improvements in forming technologies and are equipped with the most recent, up to date modern equipment that is capable of manufacturing any desired part/ shape, by utilizing the most efficient and cost effective methods.

evolving to meet future challenges of the industry's next generation requirements at a competitive price.

SURCAM prides itself of producing a wide range of high quality Dental Abutments, while thoroughly understanding the actual dental procedures.

SURCAM offers the biggest range of Abutment

designs that fit major dental implant manufactures, Dental Abutments, Screws, devices, tools and fixtures.

#### **Production**

All of SURCAM's Internal Hexed full line of Implants, Prosthetic Components and Abutments are compatible with standard platforms: 3.75, 4.2, 4.5mm [Zimmer, MIS, AlphaBio, BioHorizen].SURCAM's manufacturing techniques are constantly evolving to the future challenges of the industry's next generation requirements at a competitive price. All of our products are manufactured in-house.

#### **Quality Management**

SURCAM MEDICAL DEVICES AND DEVELOPMENT LTD Quality System is compliant and certified under the following international Standards:

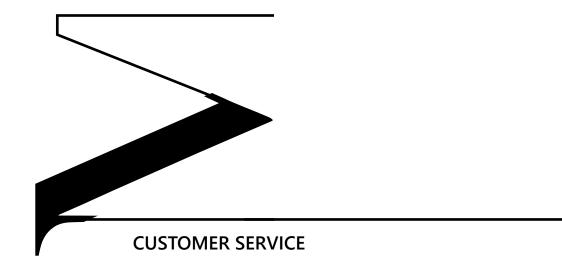
ISO 13485:2003 CE 0473











One of SURCAM's most important founding principles is customer service and support.

This means fulfilling individual customer needs. This is accomplished by establishing flexible operations systems which allows products to be easily tailored to specific needs while still adhering to short delivery times. It also means providing a quick response to inquiries - whether technical or commercial in nature. We pride ourselves of precise accurate answers within minutes or hours.

We are constantly working to improve our already high standards of quality, performance and reliability, which are backed by superb service and support.

#### **SPECIFICATIONS**

- Dental Implants titanium grade 5 with SLA surface treatment.
- Aesthetic Abutment body functions as impression coping.
- All SURCAM products Includes the Prosthetic Screw.
- Installation using large external hex drivers (1.3mm).
- Non-rotational design for standard, internal-hex implants.
- Compatible with internal hex platform: 3.75, 4.2 & 4.5 mm Implants. [Zimmer ®, MIS ®, AlphaBio®, A.B Dental ®, Bio Horizon ®].
- Compatible Internal Three Leg Fit platform: 3.5, 4.3 & 5.0 mm Implants. [Noble Biocare®, Replace Select®, Tri-lob®].
- Compatible with external hex platform: 4.1 & 5.0 mm Implants. [Brenemark <sup>®</sup>].
- Compatible with internal hex conical connection. platform: 3.5 & 4.0 mm Implants. [Ti Design®].
- Made of Commercial grade 5 Titanium alloy according to ASTM-F-136 02A COND A.
- Stainless Steel AISI 303 alloy according to ASTM A582-95B COND A.

#### **Advantages and Priorities**

In order to preserve the original structure of the titanium alloy, SURCAM utilizes advanced CAD/CAM methods in the production process.

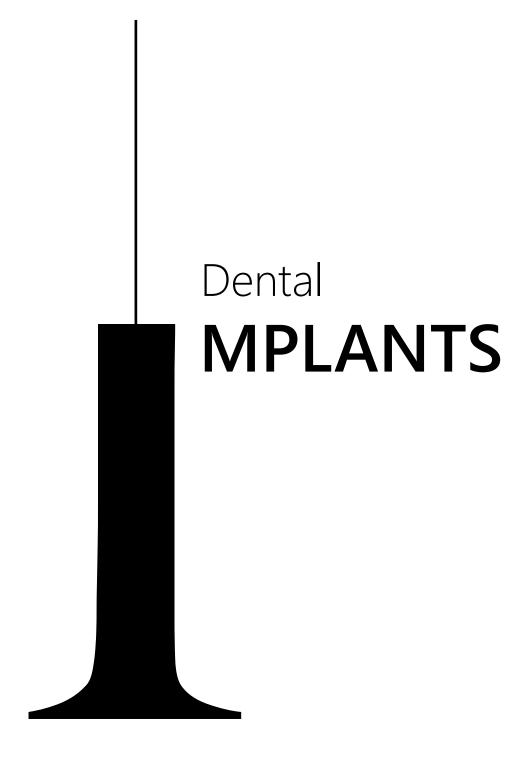
These methods effectively reduce undesirable deformations of the alloy structure.

#### PROSTHETIC PRODUCTS

All of SURCAM's full line of internal connections prosthetic components and abutment designs are compatible with: Internal Hex - 3.75 & 4.5 platform, Internal Three Leg Fit -3.5, 4.3 & 5.0 platform, and External Hex - 4.1 & 5.0 platform.

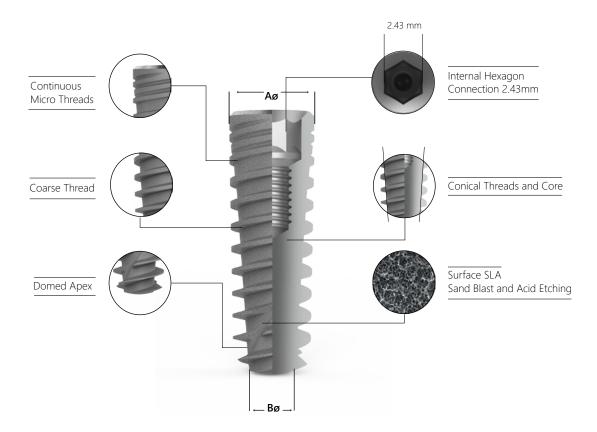
SURCAM offers the restorative dentist the convenience of using a wide range of prosthetic platforms when various types of abutments are required. Each abutment design is ideally engineered to suit a variety of surgical cases.

SURCAM's philosophy is that properly matching the abutment to its final shape in the machining stage is one of the most important elements of the entire restoration procedure.



The S-Type Spiral body is designed with self-drilling capability for high primary stability.

The SURCAM self-tapping S-Type implants orientation can be adjusted during insertion with high initial stability even in soft bone, which enables a smaller osteotomy, resulting in minimal bone loss and reduced trauma. The S-type implants are the optimal solution for immediate loading restoration.

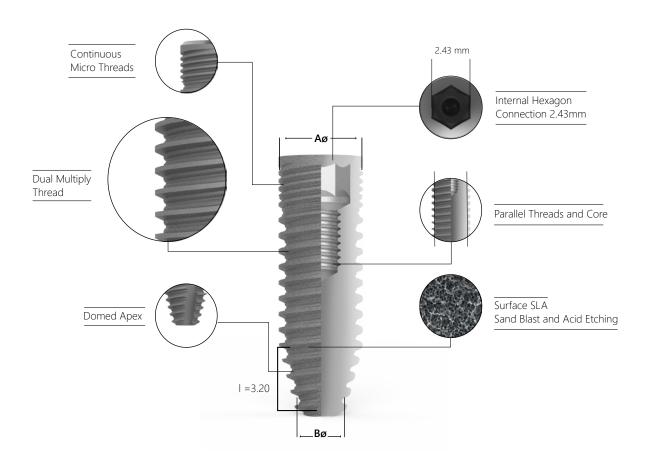


	Α	В		Α	В
S33008INX	3.30	2.92	S37508INX	3.78	2.01
S33010INX	3.30	2.92	S37510INX	3.78	2.01
S330115INX	3.30	2.92	S375115INX	3.78	2.01
S33013INX	3.30	2.92	S37513INX	3.78	2.01
			S37516INX	3.78	2.01
			S37518INX	3.78	2.01
	Α	В		Α	В
S42008INX	4.17	2.40	S50008INX	4.98	3.00
S42010INX	4.17	2.40	S50010INX	4.98	3.00
S420115INX	4.17	2.40	S500115INX	4.98	3.00
S42013INX		1 ~	CEOOTOINIV	i	1
	4.17	2.40	S50013INX	4.98	3.00
S42016INX	4.17	2.40	S500131NX S500161NX	4.98 4.98	3.00

### The C-Type

Classic Thread Parallel shape.

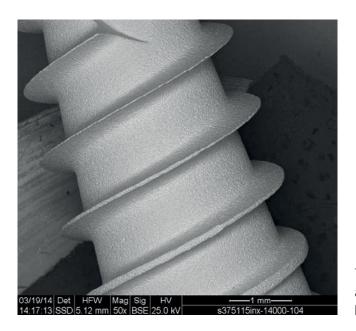
The C-Type implant's cylindrical body is designed to maximize initial stability in soft bone. The shallow cutting edges on its threads are specifically designed for soft bone indications and minimize pressure on hard bone.



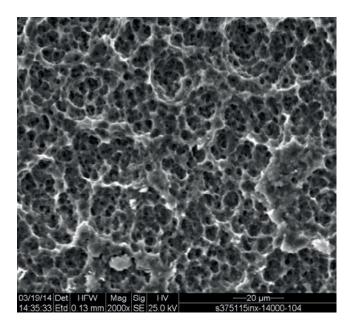
	Α	В		Α	В
C33008INX	3.30	2.05	C37508INX	3.78	2.65
C33010INX	3.30	2.05	C37510INX	3.78	2.65
C330115INX	3.30	2.05	C375115INX	3.78	2.65
C33013INX	3.30	2.05	C37513INX	3.78	2.65
C33016INX	3.30	2.05	C37516INX	3.78	2.65
	Α	В		Α	В
C42008INX	<b>A</b> 4.19	<b>B</b> 3.13	C50008INX	<b>A</b> 4.98	<b>B</b> 3.60
C42008INX C42010INX					$\Box$
C	4.19	3.13	C50010INX	4.98	3.60
C42010INX	4.19	3.13	C50010INX C500115INX	4.98	3.60

#### SURFACE TREATMENT CONFIGURATION

SURCAM's surface treatment of Dental Implants is at a very high level, and includes processes such as dry alumina blasting and double acid etching (SLA type of dental implants surface treatment).



The surface of the implant at low magnification (X50) in back scattering electrons.

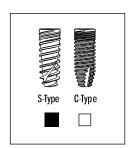


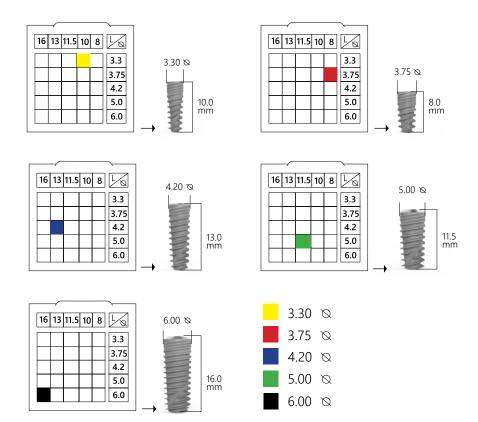
The Implant's surface at high magnification (X2000) in secondary electrons.

2 10 Package box - your Implant type is marked.









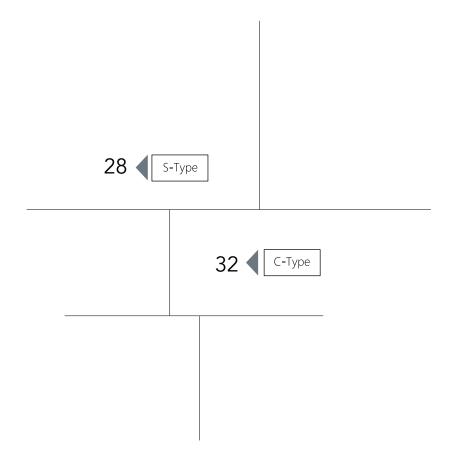


# DENTAL IMPIANTS

#### Our Implants Variety





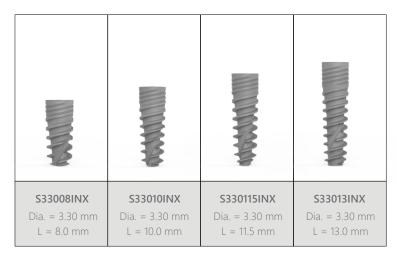


#### S-TYPE

Spiral body design with self-drilling capability for high primary stability

#### S-TYPE CONICAL IMPLANT

Dia. 3.30 mm



#### S-TYPE CONICAL IMPLANT

Dia. 3.75 mm •



#### S-TYPE CONICAL IMPLANT

Dia. 4.20 mm •



#### S-TYPE CONICAL IMPLANT

Dia. 5.0 mm

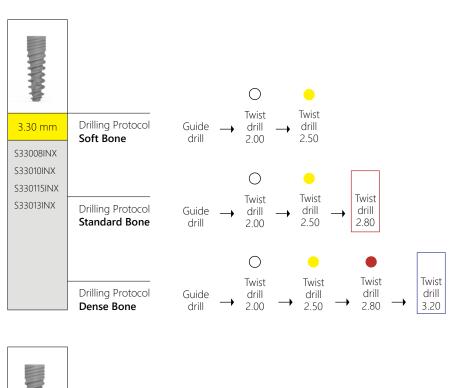


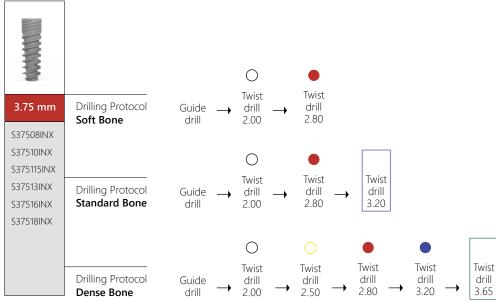
#### S-TYPE CONICAL IMPLANT

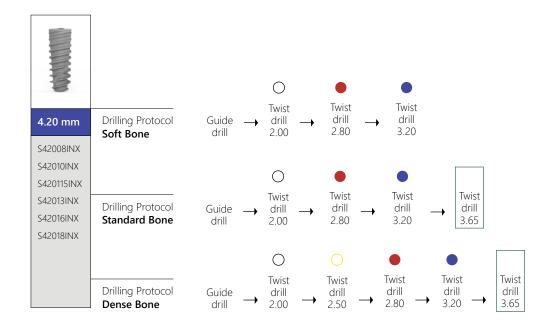
Dia. 6.0 mm •

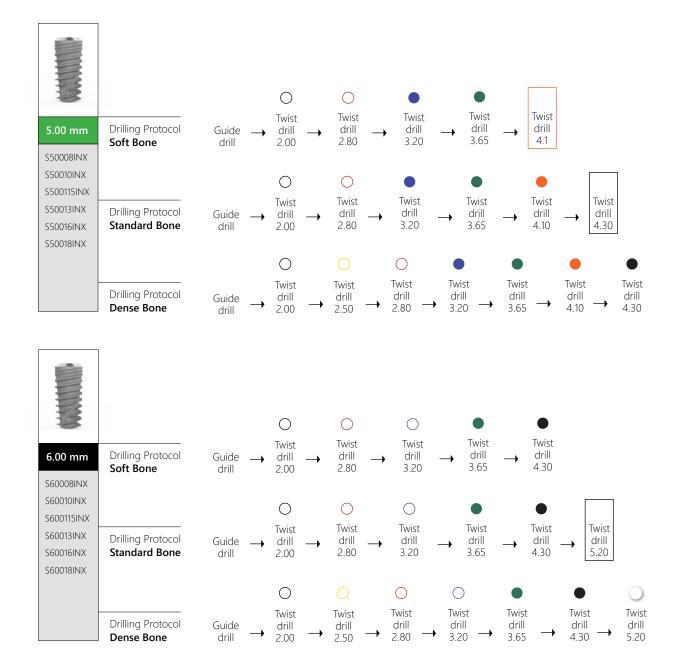


#### **Drilling Sequence - S-Type**





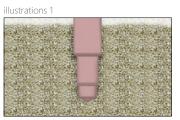


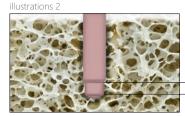


- O Drill to full depth of the Implant (\*See illustrations 1 & 2)
- Drill to part depth of the Implant (\*See illustrations 1 & 2)

Prill only through the cortical bone, the drill should not be used to full depth.

The chart above illustrates the recommended drilling sequence for SURCAM's implants. Clinical judgement with respect to each individual patient must supersede any recommendation made.





2.50 mm Depth **Small** Dia. Drill

For bone type II For bone type II

#### **C-TYPE**

#### Classic thread Parallel Type

#### C-TYPE **NARROW** PARALLEL IMPLANT

Dia. 3.30 mm



#### **C-TYPE PARALLEL IMPLANT**

Dia. 3.75 mm



#### **C-TYPE PARALLEL IMPLANT**

Dia. 4.20 mm



#### **C-TYPE PARALLEL IMPLANT**

Dia. 5.0 mm

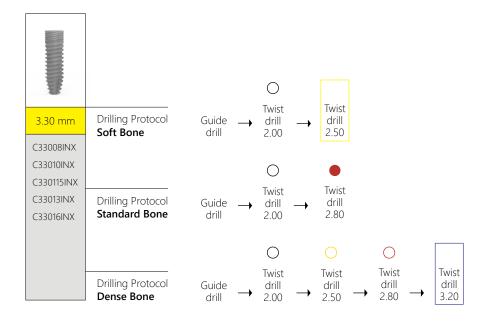


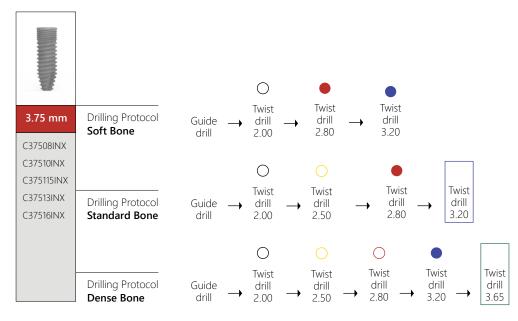
#### **C-TYPE PARALLEL IMPLANT**

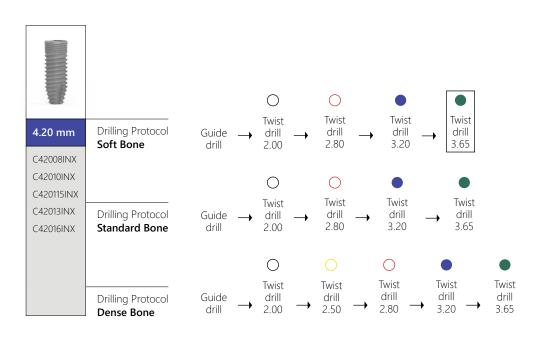
Dia. 6.0 mm •

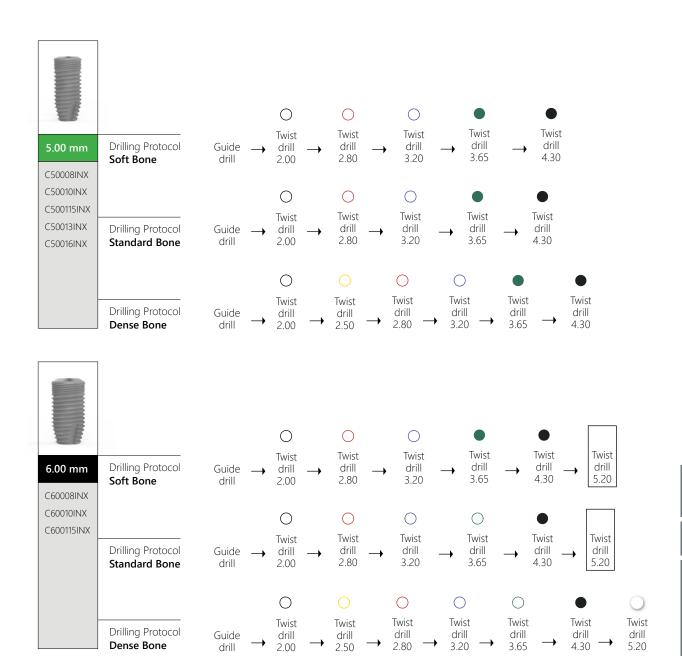


#### **Drilling Sequence - C-Type**







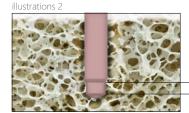


- 0 Drill to full depth of the Implant (\*See illustrations 1 & 2)
- Drill to part depth of the Implant (\*See illustrations 1 & 2)

Drill only through the cortical bone, the drill should not be used to full depth.

The chart above illustrates the recommended drilling sequence for SURCAM's implants. Clinical judgement with respect to each individual patient must supersede any recommendation made.





2.50 mm Small Dia. Drill

For bone type  ${\mathbb I}{\mathbb Z}$ 

For bone type  ${\mathbb I}{\mathbb I}$ 

#### Drills

**Lance Drill** Dia. 1.50 Ø



**Cylindrical Drill** Dia. 2.00 Ø



**Cylindrical Drill** Dia. 2.50 Ø



**Cylindrical Drill** Dia. 2.80 Ø



**Cylindrical Drill** Dia. 3.20 Ø



**Cylindrical Drill** Dia. 3.65 Ø



L = 13.0 mm

**Cylindrical Drill** Dia. 4.10 Ø



**Cylindrical Drill** Dia. 4.30 Ø



**Cylindrical Drill** Dia. 5.20 Ø



**SURGICAL SET** 



KSH-1513 / KSH-2013 / MKM-1513 / MKS-0813 / KSH-1224 / KSH-1824 MIC-1224 / MIC-1824 / TRTS-02 / DR020115 / DR025115 / DR028115 / DR032115 DR0365115 / TDE-400006 / DRM15016 / DR045115 DR041115 / DG-400103 / DGS-400104 / DGL-400105

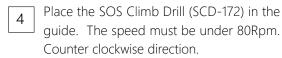


- Set
- 1 Implant with broken screw below the occlusal surface of the implants.
- Place the drill guide (SG-172) in the implant hex.



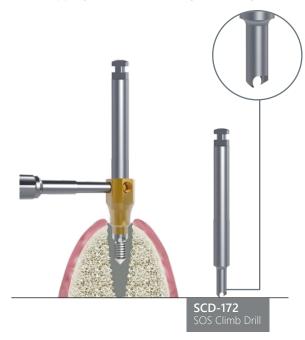


- Place the SOS Drill (SD-172) in the guide. Counter clockwise direction. Drilling speed: 700-1200Rpm.
  - While removing the screw, use repeated tapping movements through the drill guide.



While removing the screw, use repeated tapping movements through the drill guide.





5 Take the broken screw out!

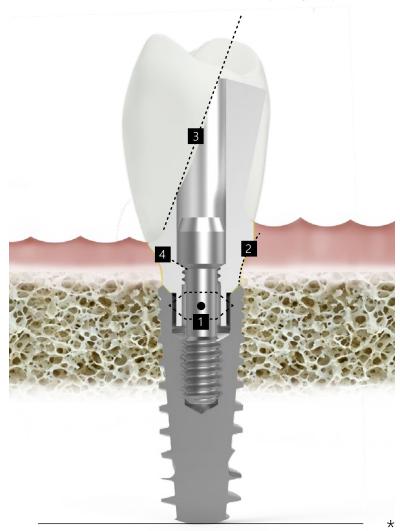




S.O.S. Set - Screw Out Set



- 1 Abutment central positioning.
- Perfect match with all major implant companiens Platforms.
- The screw head is precisely designed for merging with the abutment shape.
- The interface angle creates a bigger contact surface for perfect centering and repeatability when tightening the abutment screw in the lab or on the implant. The angle at the top of the screw creates a larger contact area which requires a high opening torque.



# Closed Tray **TRANSF** R with Plastic Cap

1 External hex with conical lead

The hex is parallel to the implant hex, wich enables better positioning achieving good aesthetic restoration.



TiN coating

TiN coatings only modifies surface properties and has no effect on the substrate properties or biomechanical functionality.

## **Biocompatibility:**

Biocompatibility of TiN has been demonstrated in numerous published studies. It is known to improve friction, and has a significantly higher degree of surface scratch resistance compared to other materials.

3 Titanium body

The Titanium body can be use as a titanium abutment for temporary or final restoration.

5 Different heights

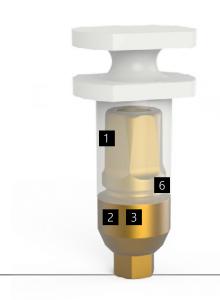


Plastic Cap in two heights

The Plastic caps are machined in order to maintain the flexibility of the material and enable the release of the cap at up to 25° angle. It also maintaines the accuracy.



6 Snap-on to secure positioning.





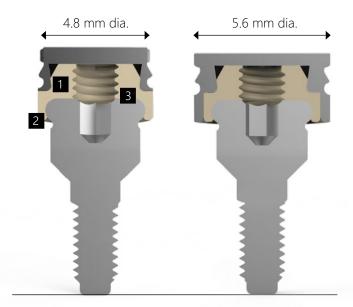
# Overdenture Attachment Instructions for use

The SURCAM system relies on a unique design of a hug ring made of PEEK, ii.e.Poly Ether Ether Ketone (PEEK).

For more information go to:

http://www.emdt.co.uk/article/use-peek-advanced-active-implants.

- The PEEK polymer shows excellent resistance to stress and Plastic deformations, which extends the life of the product beyond the lives of other alternatives products that are available on the market.
  - The unique mechanical and elastic properties of PEEK allow for a large diameter of spherical hug, resulting a very high grip force. The geometry of the titanium abutment (base unit ring) and the accompanying PEEK attachment create a large contact area, ensuring excellent stability of the prosthesis and comfort to the patients.



There is a variety of the attachments that can be used on the denture.

All the attachments connect to the Wise Click abutments:





WCPS-2348-H

SOFT - For primary use.

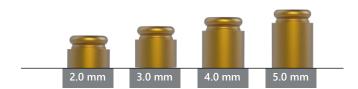
WISE CLICK STRAIGHT ABUTMENTS (Abutment bases connect to implants).



WISE CLICK ANGULAR ABUTMENT (can be mounted at three different angles: 9°,18°,30°)



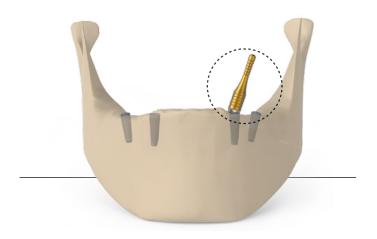
WISE CLICK COVER (can be mounted at four different heights: 2,3,4,5 mm)



WISE CLICK ANGULAR ABUTMENT (can be mounted at three different angles: 9°,18°,30°)



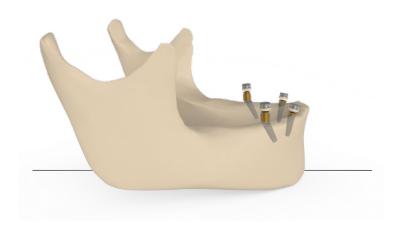
ANGLE AND HEIGHT CLIP GAUGE (Use the Gauge Set for angle and height selection).





 $Related \ to \ pages: 71+76-77+80-81. \ \ [71-Wise \ click, 76-77-Multi-Unit, 80-81-Ball \ attachment].$ 

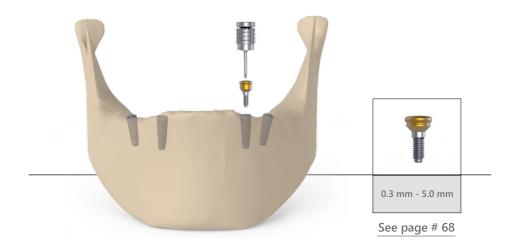
The wide contact area is possible because of the wide range of angles: 0°, 9°, 18°, 30° and wide range of heights: 1,2,3,4,5 & 6 mm. The availability of these options allows a near-perfect match for the contact areas between the titanium abutment (base unit ring) and the PEEK attachment.



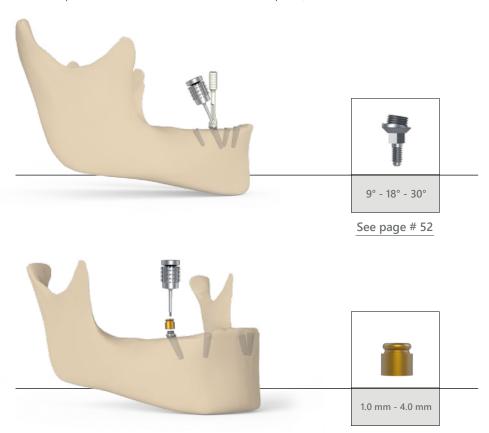
When mounting the WISE CLICK SYSTEM, it is critical to verify up to 5° parallelism between the PEEK attachment and the base abutment.



For placement of the Wise Click straight abutment use a standard 1.27 mm hex drive tool.



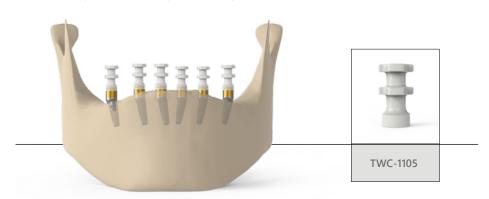
MULTI SYSTEM BASE CONNECTION (Use the Plastic holder to place the base connection into the implant).

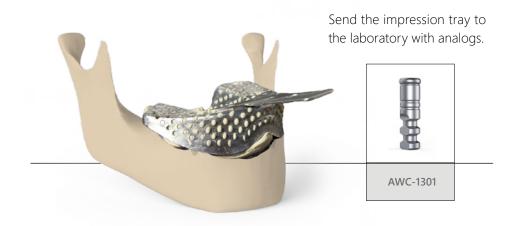


See page # 52

#### **CLOSED TRAY IMPRESSION COPING**

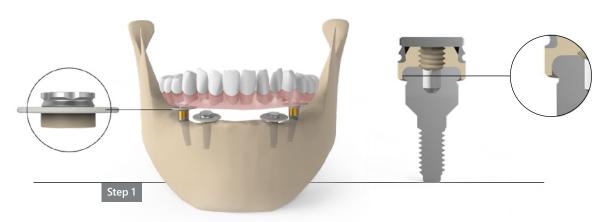
Connect the transfer onto the abutment. Inject impression material and position the impression tray.

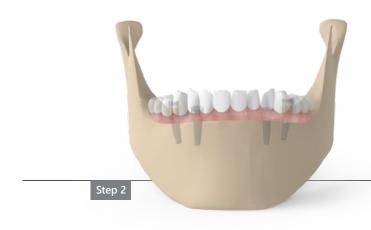




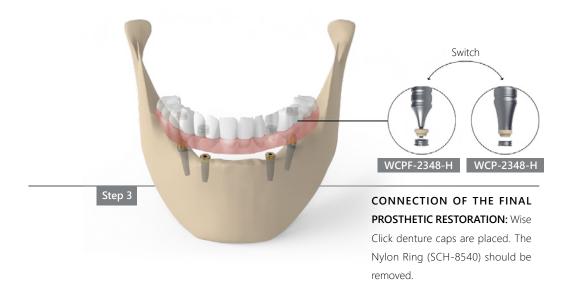
#### **WISE CLICK FIXATION**

Protecting Nylon Sealed Ring (CAT NO: SCH-8540). should be mounted on the WISE CLICK housing slot, along with the WCPF-2348-H. Use WCPF-2348-H only for positioning, not for attachement.



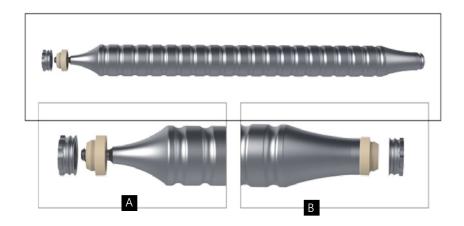


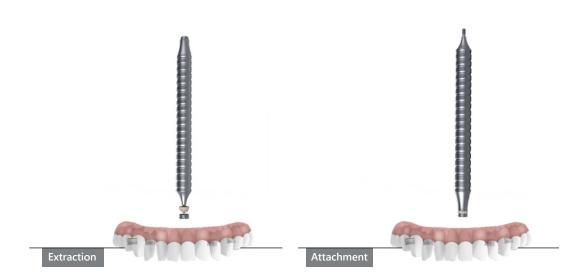
Hold without pressure until material is set.



#### **■** MAINTENANCE

- Replacing the PEEKs holding attachment is very simple. Threading the WCT 900 special tool into the threaded hole in the PEEK attachment will cause the ejection of the PEEK part, as shown.
- $\fbox{B}$  Put the new peek attachment into the oposite side of the special tool.



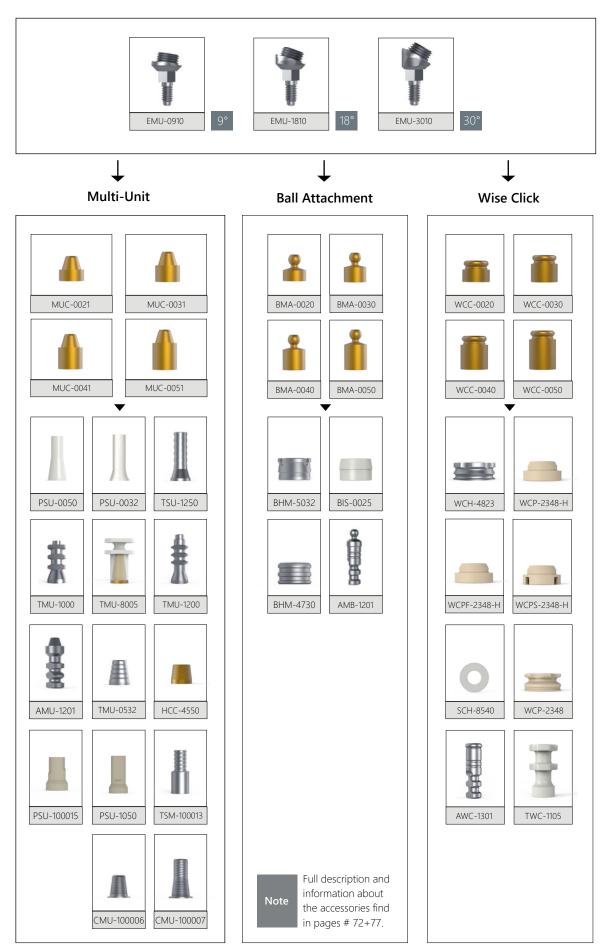


Note

In cases where there are significant differences in heights and angles, the patient should be instructed to press the prosthesis first at the front of mouth until hearing the engagement click and then tighten the back of the prosthesis until sensing the second engagement click.

#### **MULTI SYSTEM CONCEPT**

This system provides the clinician with large Adapters that are economical; A single Adapter can be used with a combination of up to 3 different families of over-denture sets.

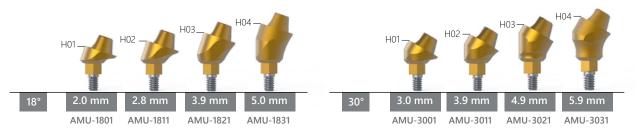




Straight Multi-Unit - an abutment connection to an implant can be mounted at six different heights:



18°, 30° and 45° Angled Multi-Unit abutments are available in four different heights: H01, H02, H03, H04.



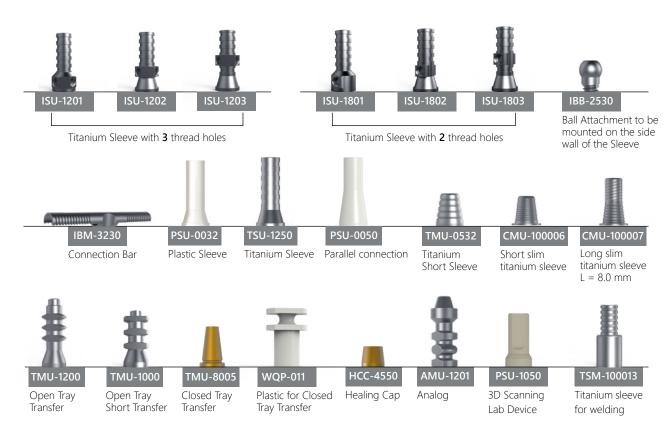


3 An Angular Adapter can be mounted at three different angles:

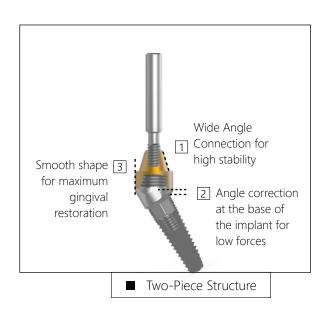


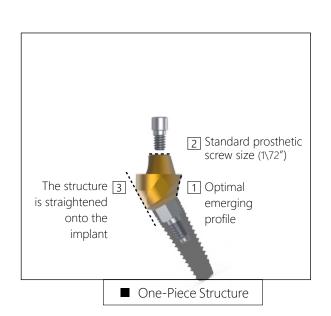
Multi-Unit Cover - Can be mounted at four different heights:









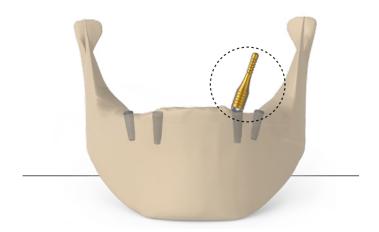


Angle and height clip gauge - use the Gauge Set for angle and height selection.

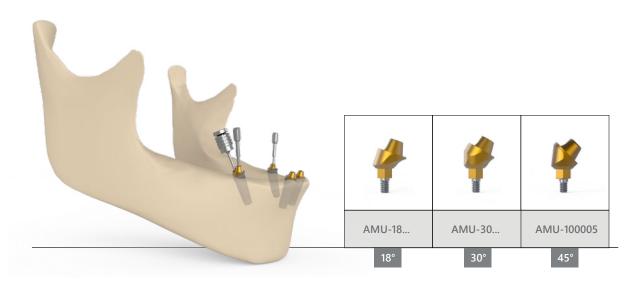


Related to pages: 71 + 76-77 + 80-81. [71 - Wise click, 76-77 - Multi-Unit, 80-81 - Ball attachment].

Using the angle gauges gives you an option to pre-plan the use of the abutment in order to achieve maximum parallelism.

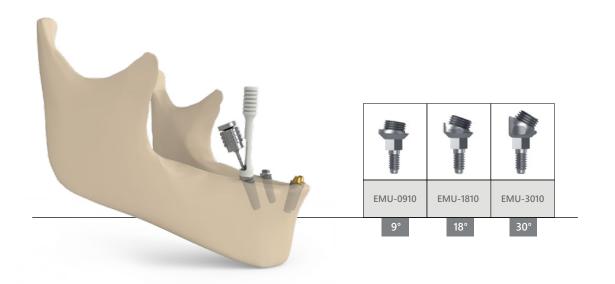


Multi-Unit connection - use the holder to place the base connection into the implant.

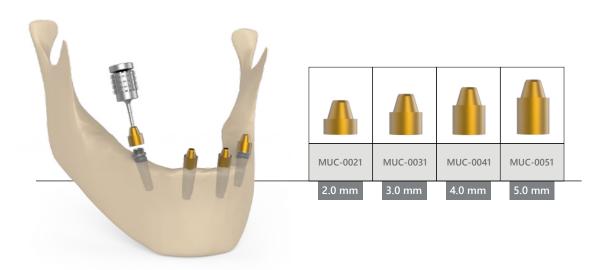




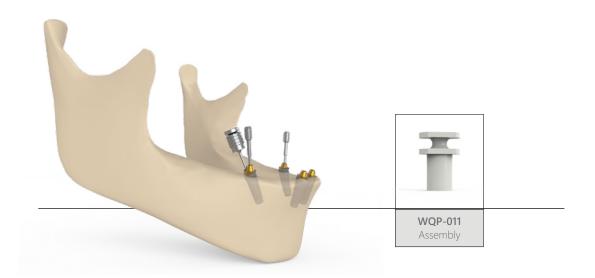
Multi-Unit base connection - use the holder to place the base connection into the implant.

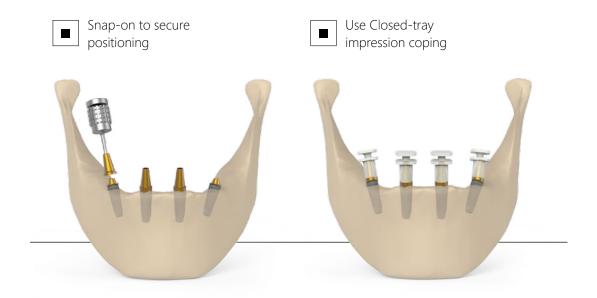


8 Match the Multi-Unit cover abutment height 2-5 mm as required.

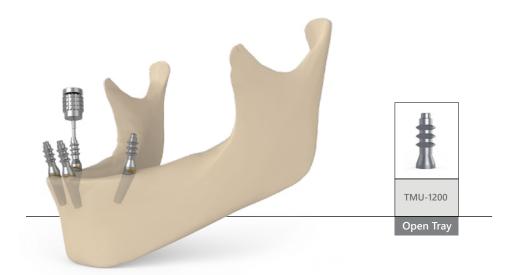


9 Closed tray impression coping - with Plastic cap.





Open tray impression coping - connect the transfer onto the abutment. Inject impression material and position the impression tray.

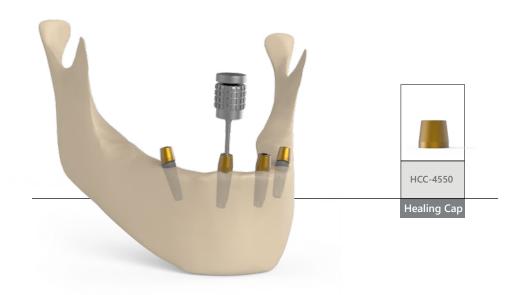


Inject impression material and position the impression tray.

Send the impression tray to the laboratory.



In cases when a two-stage surgery is indicated:
Healing procedure - connect the temporary restoration healing cap.



The original denture can be used on top of the healing caps while the temporary denture is being produced.

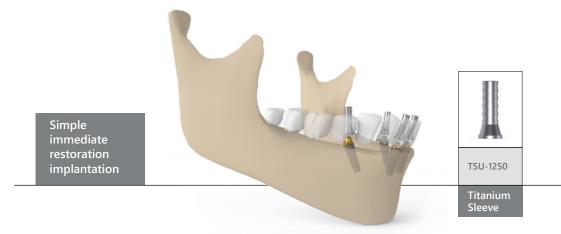


Connection of the temporary prosthetic restoration - verify tightening of 15 Ncm.



SMU-4023

Screw for Multi-Unit Sleeve Note: The screw geometry was carefully designed and optimized to allow safe tightening and long service. Special attention must be paid while tightening the screw. Make sure to use an original SURCAM hex key with edges that do not show wear. It is recommended to purchase additional screws.



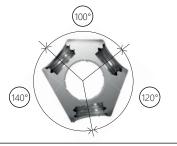
13 The sleeves height needs to be trimmed to the desired height.



#### Immediate Restoration Modular Passive HOLDER BAR



Sleeve - Titanium sleeve with three threads on the side walls at three different hights: H01, H02, H03

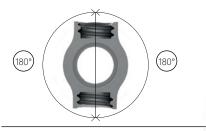


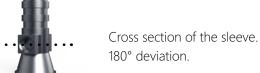


Cross section of the sleeve. 100°, 120°, 140° deviation.



Sleeve - Titanium sleeve with two threads on the side walls at three different hights: H01, H02, H03

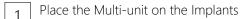


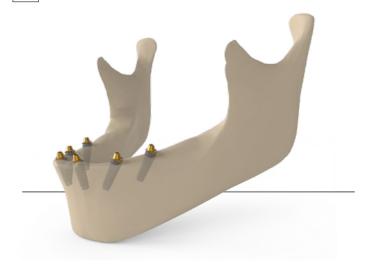




- Ball Attachment to be mounted on the side wall of the sleeve.
- Connection Bar to be modified to the space between the sleeves.
- Bending Tool For bending the Holder Bar [IBU-3330].







Adjust the positions of the sleeves. Adjust sleeves mounted against each other



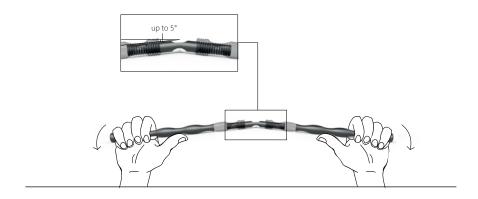
Attach Ball attachment to the sleeves mounted against each other



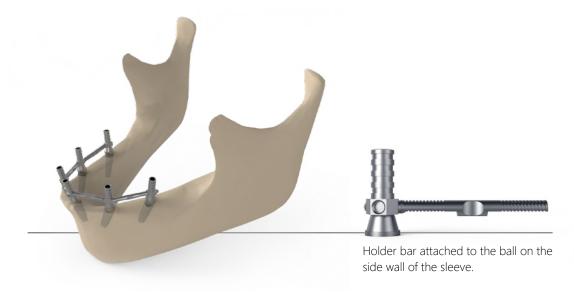
The sleeve should be cut to the desired length. Modify the connecting bar so it fits into the space between the sleeves.



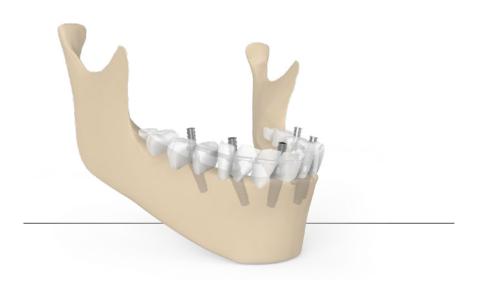
If necessary - the HOLDER BAR can be bent up to 5° in cold condition OR any angle needed up to 25°.



Attach the modified bar to the balls until you hear a "click" sound.



7 Fabricate the bridge on the modular passive frame for immediate restoration



8 Adjust the sleeves to the required height







Internal hex









Components for **Overdenture** Restoration





Components for **Cement** Restoration







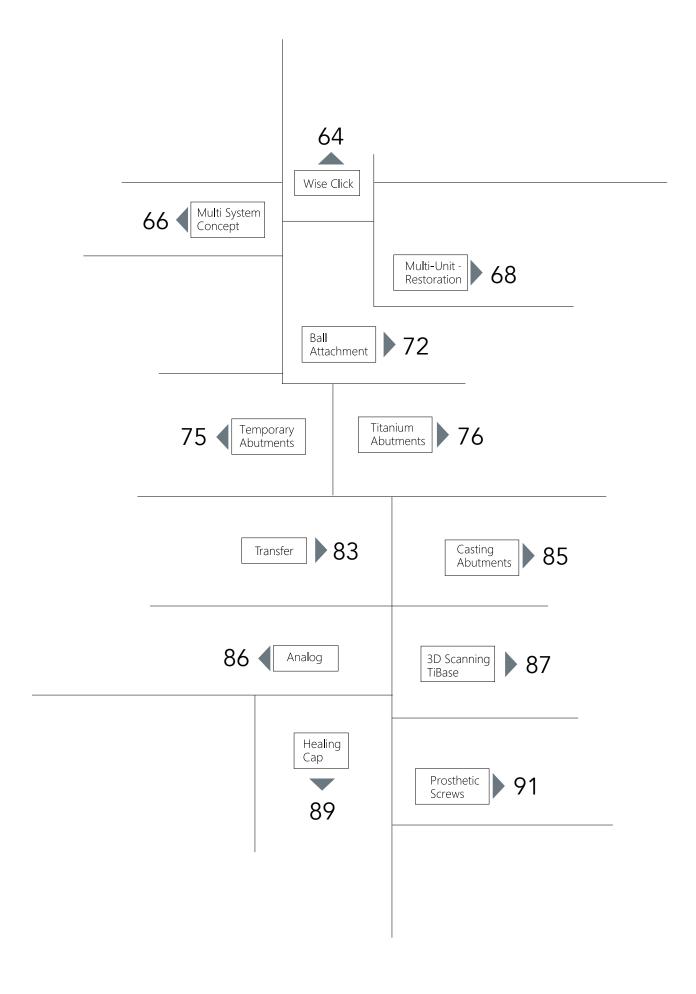
Components for **Lab** Use







Complementary Items



#### STRAIGHT WISE CLICK

Overdenture Attachment connection to implants

#### WISE CLICK MINOR - RETAINED OVERDENTURE ABUTMENTS

Abutment bases connection to implants

#### 3.75 Platform



#### WISE CLICK MINOR - SET PEEK

Abutment bases with peek attachment and housing covers

#### 3.75 Platform

WCM-0000-SPE WCM-0010-SPE WCM-0020-SPE WCM-0030-SPE WCM-0040-SPE WCM-0050-SPE H = 0.3 mmH = 1.0 mmH = 2.0 mmH = 3.0 mmH = 4.0 mm $H = 5.0 \, \text{mm}$ 

#### WISE CLICK - ACCESSORIES





### ANGULAR WISE CLICK CONCEPT 9°, 18°, 30°

Wise Click Overdenture Attachment - SETS

9°

## **WISE CLICK ANGULAR** - MULTI SYSTEM CONCEPT Wise Click Angular overdenture attachment - Set



18°

# **WISE CLICK ANGULAR** - MULTI SYSTEM CONCEPT Wise Click Angular overdenture attachment - Set



30°

## **WISE CLICK ANGULAR** - MULTI SYSTEM CONCEPT Wise Click Angular overdenture attachment - Set



Designated information for Angular Multi System Adapters: Internal Hex 3.75 Platform = WCA-...-M 4.5 Platform = WCA-...-W

### ANGULAR MULTI SYSTEM CONCEPT 9°, 18°, 30°

Multi-Unit items Overdenture Attachments

#### **AESTHETIC MINOR UNIT - SYSTEM ADAPTERS**

Angular Multi System Adapter 9°, 18°, 30°

#### 3.75 Platform



#### **AESTHETIC WIDE UNIT - SYSTEM ADAPTERS**

Angular Multi System Adapter 9°, 18°, 30°

#### 4.5 Platform



#### **GAUGE ANGLE AND HIGH MINOR**

Clip Attachment





#### WISE CLICK CONNECTION

Wise Click connection for multi system concept



#### **B**ALL **M**ULTI **A**NGULAR

Ball Attachment connection for multi system concept



#### $\mathbf{M}\mathsf{ULTI}\text{-}\mathbf{U}\mathsf{NIT}\;\mathbf{C}\mathsf{ONNECTION}$

Screw-in connection for multi system concept





#### **OVERDENTURE ABUTMENTS**

For single tooth restoration

#### **AESTHETIC CONNECTION ABUTMENTS**

Screw-in abutments for single tooth restoration with hex locking for retention and positioning

4	<b>⇔</b>	
<b>ECA-6005</b>	<b>ECA-6015</b>	<b>ECA-6025</b>
H = 0.5 mm	H = 1.5 mm	H = 2.5 mm

#### **AESTHETIC PLASTIC SLEEVE**



#### Related Screws:

SCS-3011	SCS-3012	SCS-3013

#### **MULTI-UNIT STRAIGHT AESTHETIC ABUTMENTS**

Abutments with smooth, non-locking surface for Multi-Unit Restoration

#### **AESTHETIC MINOR UNIT**

Straight Multi-Unit

#### 3.75 Platform



#### **AESTHETIC WIDE UNIT**

Straight Multi-Unit

#### 4.5 Platform





SMU-4023 Screw for Multi-Unit Sleeve

See the instructions Manua

## ANGULAR MULTI SYSTEM CONCEPT 9°, 18°, 30°

Multi-Unit Overdenture attachment

#### 9°

#### ANGULAR MULTI-UNIT SYSTEM CONCEPT

Aesthetic Multi-Unit Angular Overdenture Attachment - SET



18°

#### ANGULAR MULTI-UNIT SYSTEM CONCEPT

Aesthetic Multi-Unit Angular Overdenture Attachment





**Multi-Unit Restoration** 

#### ANGULAR MULTI-UNIT SYSTEM CONCEPT

Aesthetic Multi-Unit Angular Overdenture Attachment

#### Mono-block



#### Two-Piece



Designated information for Angular Multi System Adapters: Internal Hex 3.75 Platform = EMA-...-M

H01

AMU-100005

H01 = 4.5 mm

45° Angular

Multi-Unit

ANGULAR MULTI-UNIT

Aesthetic Multi-Unit Angular Overdenture Attachment

#### **MULTI-UNIT - ACCESSORIES**

Short Transfer

screw included

Sleeve

screw included





Transfer

Closed-Tray

Transfer

for Multi-Unit

Multi-Unit

#### **OVERDENTURE BALL ATTACHMENT**

#### Connection to Implants

#### **B**ALL **M**INOR **S**TRAIGHT

3.75 Platform / Dia. 4.0 mm



#### **BALL MINOR SET - NYLON**

3.75 Platform / Dia. 4.0 mm



## BALL HOUSING MINOR \ BALL NYLON INSERT



#### ANALOG FOR BALL ATTACHMENT

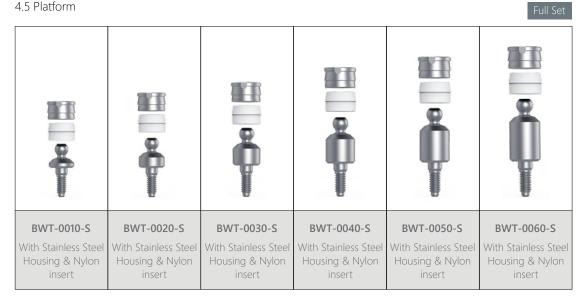


#### **B**ALL **W**IDE **S**TRAIGHT

#### 4.5 Platform



#### **BALL WIDE SET - NYLON**



#### ANGULAR MULTI SYSTEM CONCEPT 9°, 18°, 30°

Angular Ball Attachment - SET



**B**ALL **M**INOR **A**NGULAR Multi System Concept

#### 3.75 Platform



**ANALOG FOR BALL ATTACHMENT** 



Ball attachment

**B**ALL **M**INOR **A**NGULAR Multi System Concept

#### 3.75 Platform



BALL HOUSING MINOR \ **BALL NYLON INSERT** 



Steel Housing

30°

BALL MINOR ANGULAR Multi System Concept

#### 3.75 Platform



Internal Hex

#### **TEMPORARY AESTHETIC ABUTMENTS**

Includes a Retaining Screw

Abutments for temporary restoration made of biocompatible materia called PEEK. Polyethere Ether Ether Ketone is a colorless organic ThermoPlastic polymer, proven to provide long term service.

#### STRAIGHT LEVEL MINOR - PEEK

#### 3.75 Platform



#### STRAIGHT TITANIUM ABUTMENT

#### 3.75 Platform



#### ANGULAR CURVE MINOR - PEEK

#### 3.75 Platform 15°



#### IMMEDIATE TEMPORARY CONICAL

For immediate loading restoration - For making a temporary bridge



#### STRAIGHT AESTHETIC ABUTMENTS

Includes a Retaining Screw

#### STRAIGHT CURVE MINOR

#### 3.75 Platform



#### STRAIGHT CURVE CONCAVE MINOR

#### 3.75 Platform



#### STRAIGHT CURVE CONCAVE MINOR TIN COATING

#### 3.75 Platform



#### STRAIGHT LEVEL MINOR WITH HEX



#### STRAIGHT LEVEL MINOR

#### 3.75 Platform



#### STRAIGHT LEVEL MINOR WITH GROOVES

#### 3.75 Platform



#### STRAIGHT SLIM MINOR

#### 3.75 Platform



#### STRAIGHT MINOR



#### STRAIGHT CURVE WIDE

#### 4.5 Platform



#### STRAIGHT CURVE WIDE

#### 4.5 Platform



#### STRAIGHT CURVE WIDE **TIN COATED**

#### 4.5 Platform



#### STRAIGHT LEVEL WIDE

#### 4.5 Platform



#### STRAIGHT WIDE

#### 4.5 Platform



H = Abutment height. h = Shoulder height.

#### ANGULAR AESTHETIC ABUTMENTS

#### Includes a Retaining Screw

#### **SPECIFICATIONS**

- The angular aesthetic Abutment body functions as impression coping Includes the Prosthetic Screw
- Installation using large external hex drivers (1.3mm)
- Non-rotational design for standard, internal-hex implants
- Compatible with ZIMMER®, MIS, ALPHA BIO, A.B.DENTAL, Bio Horizon
- Made of Commercial grade 5 Titanium alloy (ASTM-F-136 02A COND A)

In order to preserve the original structure of the titanium alloy, **SURCAM** utilizes advanced CAD/CAM methods in the production process. These methods effectively reduce undesirable deformations of the alloy structure.

#### ANGULAR CURVE MINOR

#### 3.75 Platform 15°



#### ANGULAR CURVE WIDE

#### 4.50 Platform 15°



#### ANGULAR CURVE CONCAVE MINOR

#### 3.75 Platform 15°



#### ANGULAR CURVE CONCAVE TIN COATING

#### 3.75 Platform 15°



#### ANGULAR CURVE MINOR

#### 3.75 Platform 25°



H = Abutment height h = Shoulder height

#### ANGULAR CURVE CONCAVE MINOR

#### 3.75 Platform 25°



#### ANGULAR CURVE CONCAVE TIN COATING

#### 3.75 Platform 25°



#### ANGULAR SMOOTH MINOR - LEAF

#### 3.75 Platform 15°



#### ANGULAR SMOOTH MINOR - LEAF

#### 3.75 Platform 25°



#### ANGULAR SMOOTH MINOR

#### 3.75 Platform 15°



Ultra Thin and LEAF Abutments are for frontal teeth

#### ANGULAR SMOOTH THIN

#### 3.75 Platform 15° & 25°



#### ANGULAR SMOOTH MINOR

#### 3.75 Platform 25°

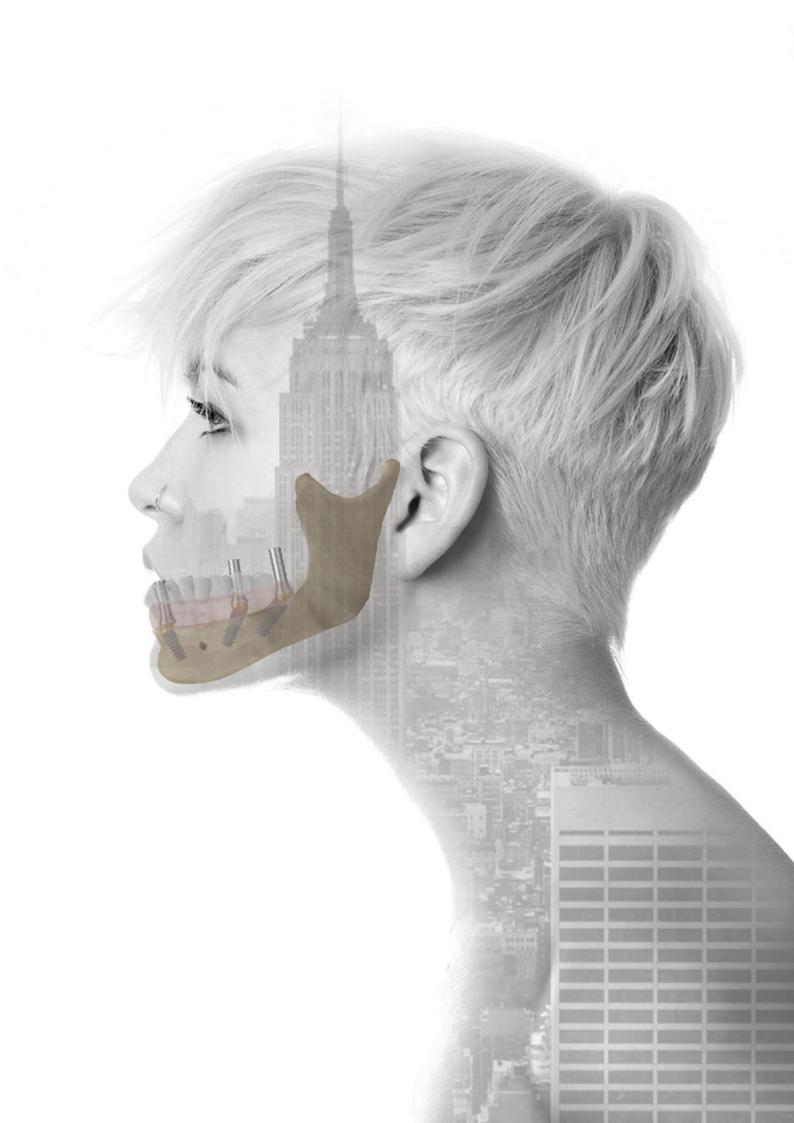


#### ANGULAR SMOOTH WIDE

#### 4.5 Platform 15°



H = Abutment height



#### TRANSFERS, IMPRESSION COPING

Includes a Retaining Screw

TRANSFER MINOR CLOSED Closed-tray Transfer Abutments

#### 3.75 Platform





TRANSFER MINOR CLOSED Closed-tray CONCAVE Transfer

#### 3.75 Platform



#### TRANSFER MINOR CLOSED Closed-tray CONCAVE Transfer

#### 3.75 Platform



TRANSFER MINOR CLOSED Closed-tray Transfer

TRANSFER CLOSED-TRAY CLIP

#### TRANSFER CLOSED-TRAY CLIP





#### 3.75 Platform 4.5 Platform



### TRANSFER MINOR STAINLESS STEEL Open Tray Transfer

#### 3.75 Platform



## TRANSFER WIDE STAINLESS STEEL Open Tray Transfer

#### 4.5 Platform



# TRANSFER WIDE CLOSED Closed-tray Transfer Abutments

#### 4.5 Platform



# TRANSFER MATCHED PLASTIC Closed-tray Transfer Plastic Cap



#### PLASTIC ABUTMENTS FOR CASTING

#### STRAIGHT PLASTIC FOR CASTING

#### 3.75 Platform \ 4.5 Platform



#### **TITANIUM PLASTIC ABUTMENT**

#### 3.75 Platform



#### 4.5 Platform

**TITANIUM** PLASTIC ABUTMENT



#### **CrCo** PLASTIC ABUTMENT

#### 3.75 Platform



#### **CrCo** PLASTIC ABUTMENT

#### 3.75 Platform



#### **CrCo** PLASTIC ABUTMENT

#### 3.75 Platform



#### **CrCo** PLASTIC ABUTMENT



Analogs are used for the fabrication of a master model. They are replicas of the implant. All analogs are made of high grade stainless steel.

#### ANALOG STAINLESS STEEL



#### ANALOG FOR MULTI-UNIT



#### ANALOG FOR WISE CLICK SYSTEM



#### ANALOG FOR BALL ATTACHMENT



#### **3D SCANNING TiBase**

#### 3.75 Platform

#### 4.5 Platform









#### **SIRONA®**



#### $\mathsf{SIRONA}^{\circledR}$



#### **ZIRKONZAHN**®



#### ZIRKONZAHN<sup>®</sup>



#### ${\sf MIS}^{\circledR}$ on ${\sf ZIRKONZAHN}^{\circledR}$



#### ${\sf MIS}^{\circledR}$ on ${\sf SIRONA}^{\circledR}$





#### INTERNAL EXTERNAL ADAPTER

External Hex (Top): Regular 4.1 Internal Hex (Bottom): Regular 3.75



#### Related Screws

SCIE-2510

#### INTERNAL EXTERNAL ADAPTER

External Hex (Top): Wide 5.0 Internal Hex (Bottom): Wide 4.5

External Hex (Top): Regular 4.1 Internal Hex (Bottom): Wide 4.5



#### Related Screws

SCIE-3009	SCIE-3009	SCIE-2510	SCIE-2510
-----------	-----------	-----------	-----------

Healing caps are used to maintain access through tissue during the healing phase. They are available in a variety of heights and diameters to accommodate specific tissue depth.

#### HEALING CAP MINOR ULTRA SLIM

#### 3.75 Platform



#### HEALING CAP MINOR SLIM

#### 3.75 Platform



#### HEALING CAP MINOR NORMAL



#### CONCAVE HEALING CAP

#### 3.75 Platform



#### HEALING CAP WIDE

#### 4.5 Wide Platform



#### SUPREME HEALING CAP

#### 3.75 Platform



#### **Supreme Healing Cap With TIN Coating**

The TiN coatings modifies only surface properties and has no effect on the substrate properties or biomechanical functionality.

#### **Biocompatibility:**

Biocompatibility of TiN has been demonstrated in numerous published studies. It is known to Improve friction and has a segnificantely higher degree of surface scratch resistance compared to other materials.

#### **PROSTHETIC SCREWS**

#### SCREWS FOR ABUTMENTS



#### SCREWS FOR OVERDENTURE ABUTMENTS



#### SCREWS FOR OPEN TRAY TRANSFER





#### SCREW FOR Plastic ABUTMENTS





# WRENCHES & OMPONENTS

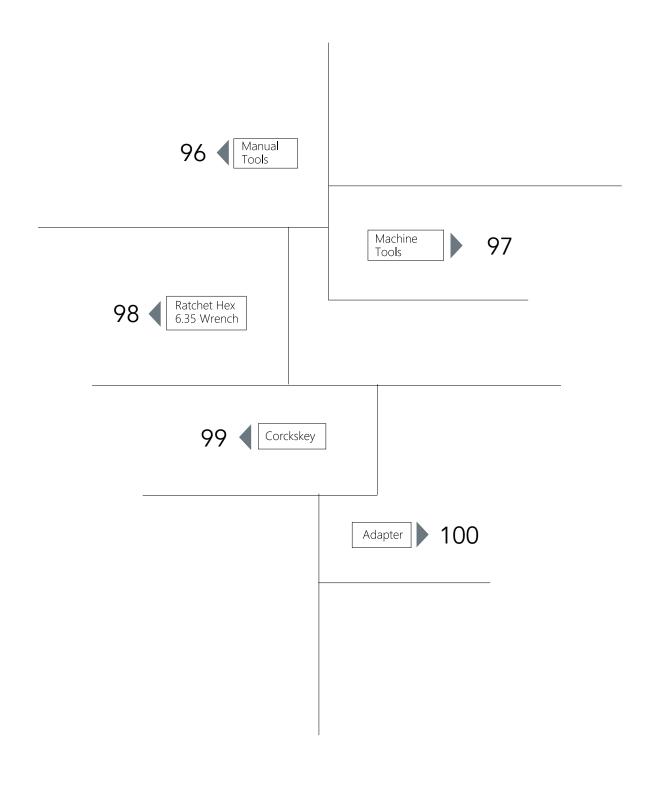












#### **MANUAL TOOLS**

#### PROSTHETIC SCREW DRIVES 1.27

#### Manual



#### INTERNAL HEX IMPLANT KEY WITH HOLDING CLIP

#### Manual



#### **MACHINE TOOLS**

#### PROSTHETIC SCREW DRIVES 1.27

#### Machine



#### INTERNAL HEX IMPLANT KEY WITH HOLDING CLIP

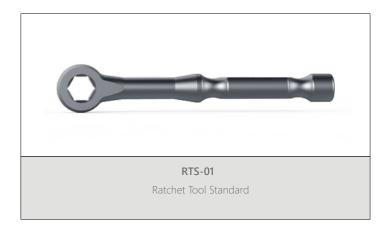
#### Machine



#### **RATCHET WRENCH**

#### REGULAR RATCHET WRENCH HEX DRIVE 6.35 mm

It is recommended to use over a Torque Wrench



Tightening with the correct torque minimizes the risk of the screw loosening and improves the precision during bridge fabrication. Torque control can also reduce the risk of stress being built into the restoration and prevents component fractures.



#### CORCKSKEY

#### CORCKSKEY

Universal Screw and Implant Extractor



#### Can be used to remove:

- Implants with external hex connection, Internal three leg fit ("replace select") connection and Internal hex connection.
- Prosthetic screw with damage driver

#### **SCREW RELEASE KEY**





#### THE CORCKSKEY HASE



#### **ADAPTER**

#### SUPREME ADAPTER FOR HANDLE DRIVERS



# ADAPTER FOR HANDLE DRIVERS Fastening strength increases





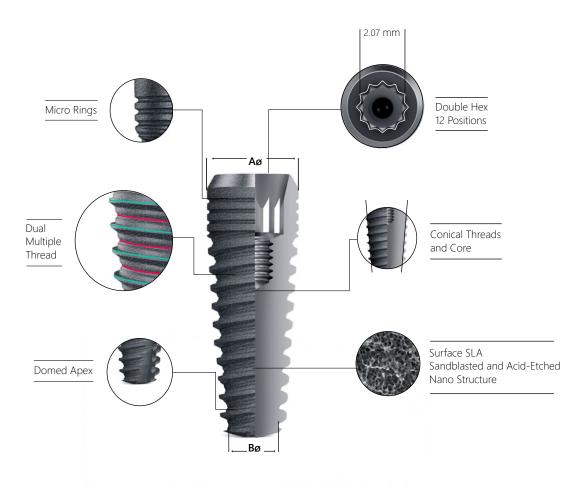
# PRO OSITIONS

# The $U_{\text{-Type}}$

#### Classic Thread Conical shape.

Internal Hex 11° Conical Fit Platform.

The U-Type Implant is suitable for all clinical procedures. With the U-Type Implant you achieve high primary stability. Moreover, in cases of weak bone structure the U-Type Implant condenses the peri-implant bone. The connection platform has high mechanical strength and a double hex that offers 12 prosthetic positions with a 30° deviation. The U-Type Implant is very stable during placement with the option of immediate restoration and loading.

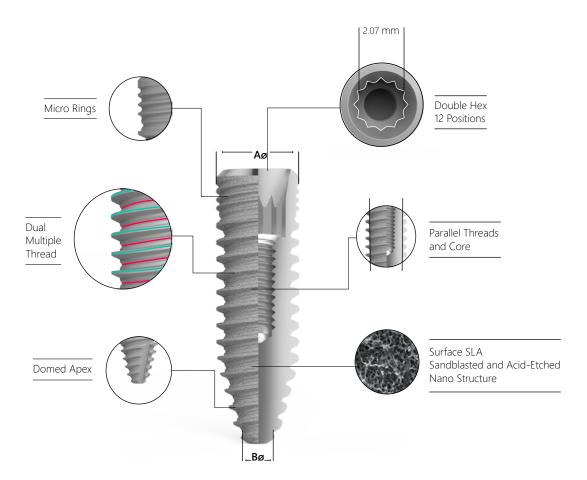


	Α	В		Α	В
U35008CF	3.50	2.20	U40008CF	4.00	2.40
U350100CF	3.50	2.20	U400100CF	4.00	2.40
U350115CF	3.50	2.20	U400115CF	4.00	2.40
U350013CF	3.50	2.20	U40013CF	4.00	2.40

# The C-Type Classic Thread Parallel shape.

Internal Hex 11° Conical Fit Platform.

The C-Type Implant's cylindrical body is designed to maximize initial stability in soft bone. The shallow cutting edges on its threads are specifically designed for soft bone indications and minimize pressure on hard bone. The connection platform has high mechanical strength and a double hex that offers 12 prosthetic positions with a 30° deviation. The C-Type Implant is very stable during placement with the option of immediate restoration and loading.



	Α	В		Α	В
C35008CF	3.50	2.20	C40008CF	4.00	2.40
C350100CF	3.50	2.20	C400100CF	4.00	2.40
C350115CF	3.50	2.20	C400115CF	4.00	2.40
C350013CF	3.50	2.20	C40013CF	4.00	2.40
	Α	В		Α	В
C45008CF	4.50	2.91	C50008CF	5.00	3.41
C450100CF	4.50	2.91	C500100CF	5.00	3.41
C450115CF	4.50	2.91	C500115CF	5.00	3.41
C45013CF	4.50	2.91	C50013CF	5.00	3.41

Surcam's Implants are packed in sterille tubes where they remain until required. The implants are protected by a specially designed stainless steel "Implant carrier" which both protects them physically, and is also a tool that guides the dental surgeon to insert them in the patient's mouth at the desired orientation. The implant carrier support max. 40Ncm torque and should be replaced with a suitable tool for higher torques if required. This is done without any direct contact with the implant surface.





#### **U-TYPE CONICAL FIT**

#### CONICAL FIT PLATFORM 3.5 / 4.0

Dia. 3.5 mm



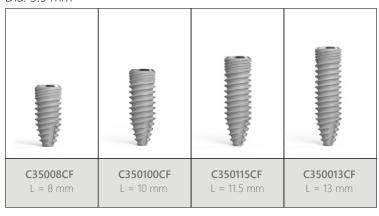
Dia. 4.0 mm



#### **C-TYPE CONICAL FIT**

#### CONICAL FIT PLATFORM 3.5 / 4.0

Dia. 3.5 mm

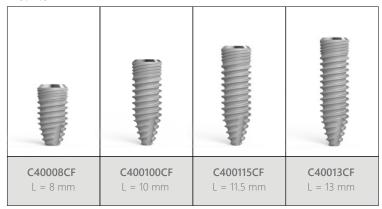


#### **COVER SCREW**



#### CONICAL FIT PLATFORM 3.5 / 4.0

#### Dia. 4.0 mm



#### CONICAL FIT PLATFORM 3.5 / 4.0

#### Dia. 4.5 mm

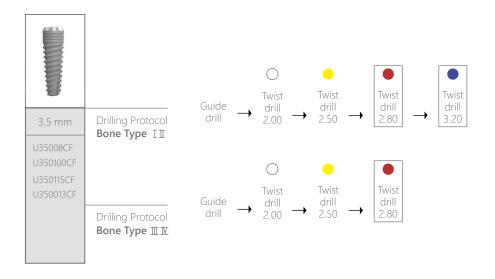


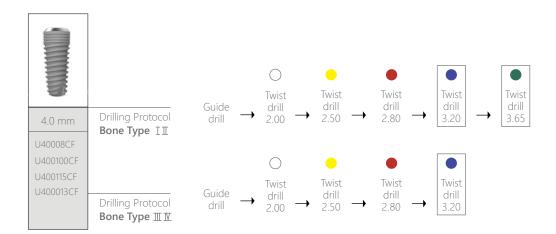
#### CONICAL FIT PLATFORM 3.5 / 4.0

#### Dia. 5.0 mm



# **Drilling Sequence - U-Type Conical fit**



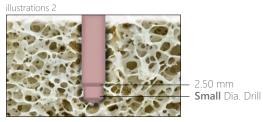


- Drill to part depth of the Implant (\*See illustrations 1 & 2)
- O Drill to full depth of the Implant (\*See illustrations 1 & 2)
- Prill only through the cortical bone, the drill should not be used to full depth.

The chart above illustrates the recommended drilling sequence for SURCAM's implants. Clinical judgement with respect to each individual patient must supersede any recommendation made.



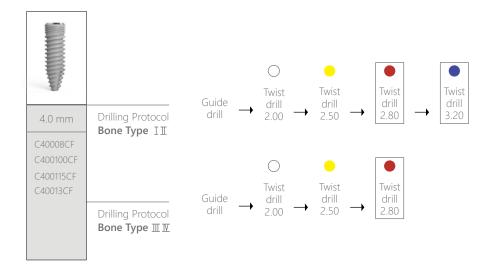




For **bone type I I I** 

# **Drilling Sequence - C-Type Conical fit**





- Drill to part depth of the Implant (\*See illustrations 1 & 2)
- O Drill to full depth of the Implant (\*See illustrations 1 & 2)



The chart above illustrates the recommended drilling sequence for SURCAM's implants. Clinical judgement with respect to each individual patient must supersede any recommendation made.



For bone type  $\mathbb{II}$ 

For **bone type I I I** 

### **CONICAL FIT HEALING CAP**

Platform 3.5 / 4.0 mm





### **CONICAL FIT TRANSFER**

### Closed tray



# TRANSFER MATCHED Plastic Closed-tray Transfer Plastic Cap





### Open tray



### **ANALOG**



### **CONICAL FIT PROSTHETIC ABUTMENT**

### STRAIGHT LEVEL



### 15° ANGULAR LEVEL



<sup>\*</sup> The original ASTRA abutment is with 20° angulation.

### CHROME COBALTE ABUTMENT FOR CASTING

### **CrCo** PLASTIC ABUTMENT

### 3.5 / 4.0 Platform



### **CONICAL FIT BALL ATTACHMENT**



### SET

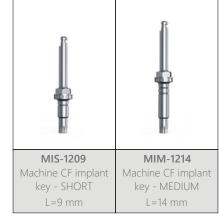


### **CONICAL FIT IMPLANT KEYS**

### HAND TOOL



### MACHINE TOOL



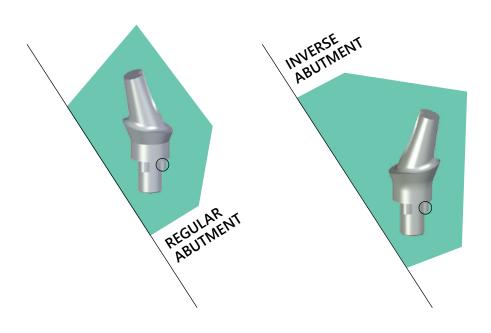


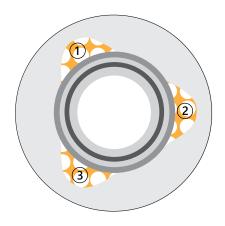
# INTERNAL

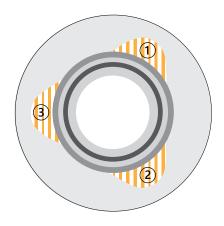
### **INVERSE ANGULAR ABUTMENTS**

# Introduction & Advantages

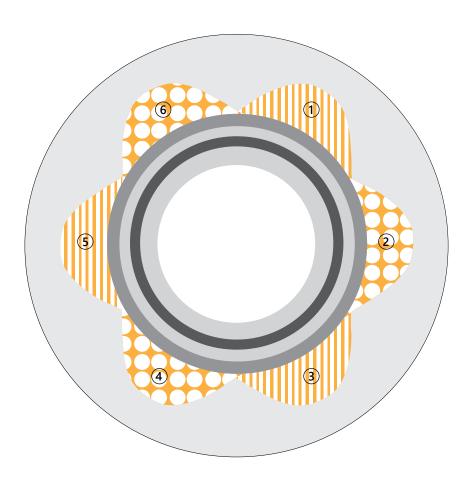
The **Inverse** Abutments allow 6 different positioning options for better flexibility of implant positioning.







120° deviation allows only 3 different positions



By using 2 Abutments (Regular and Inverse) we achieve a 60° deviation which allows 6 different positioning options for better flexebility of implant positioning.

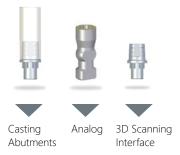


Ball Attachment

Components for **OverDenture** Restoration



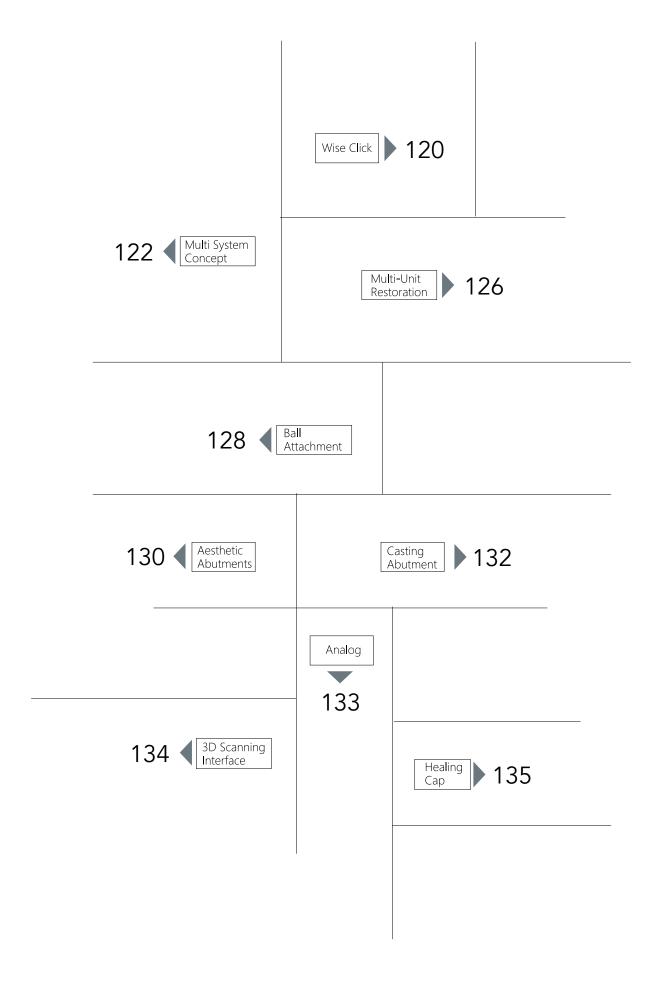
Components for **Cement** Restoration



Components for **Lab** Use



Complementary Items



### STRAIGHT WISE CLICK

Overdenture Attachment connected to Implants

### WISE C LICK R E G ULAR - RETAINED OVER DENTURE ABUTMENTS

Abutment bases connected to implants

### 4.3 Regular Platform

<b>WCR-0000</b>	<b>WCR-0010</b>	<b>WCR-0020</b>	<b>WCR-0030</b>	<b>WCR-0040</b>	<b>WCR-0050</b>
H = 0.3 mm	H = 1.0 mm	H = 2.0 mm	H = 3.0 mm	H = 4.0 mm	H = 5.0 mm

### WISE CLICK REGULAR - SET PEEK

Abutment bases with peek attachment and housing covers

4.3 Platform FULL SET



### WISE CLICK - ACCESSORIES

### Included in SET

						0
WCH-5628 Stainless Steel Housing Cover	WCH-4823 Stainless Steel Housing	WCP-2348-H Hard Housing PEEK Attachment	WCPF-2348-H Positioning PEEK Attachment	WCPS-2348-H Soft Housing PEEK Attachment	WCP-2348 Direct PEEK Attachment	SCH-8540 Nylon Sealed Ring

### Not Included in SET



### ANGULAR WISE CLICK CONCEPT 9°, 18°, 30°

Wise Click Overdenture Attachment - SETS

9°

# **WISE CLICK ANGULAR** - MULTI SYSTEM CONCEPT Wise Click angular over denture attachment - Set



WISE CLICK ANGULAR - MULTI SYSTEM CONCEPT Wise Click angular overdenture Attachment - Set



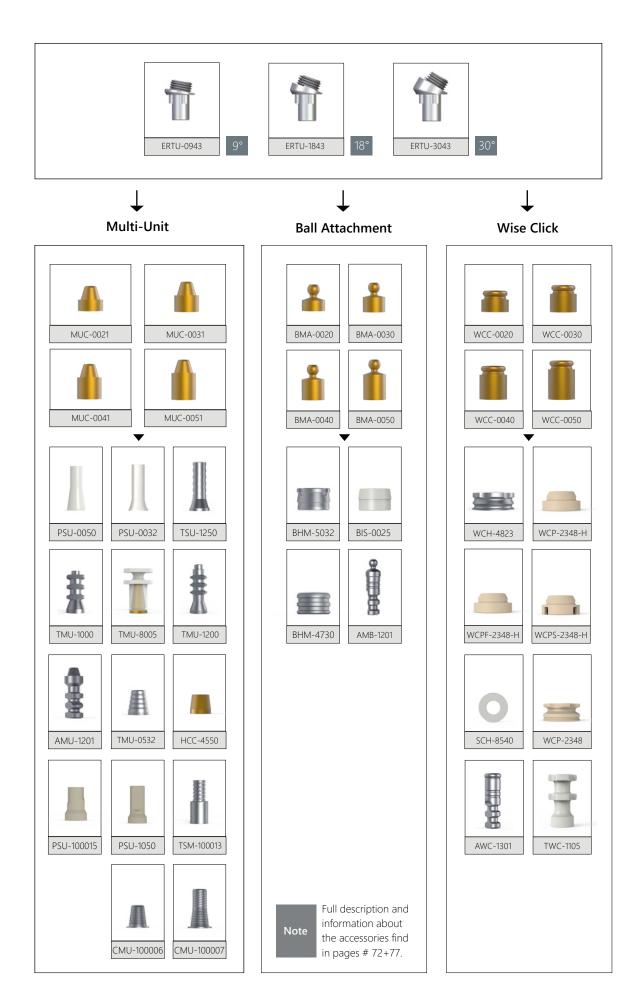
30°

# **WISE CLICK ANGULAR** - MULTI SYSTEM CONCEPT Wise Click angular overdenture Attachment - Set



### **MULTI SYSTEM CONCEPT**

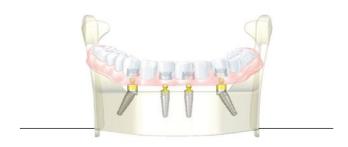
### Angular Correction System



The **MULTI SYSTEM** is designed to fit all angular over denture applications. These unique Multi System Adapters extend the application range of SURCAM's overdenture lines of Angular Ball Attachment; Angular Multi-Unit and Angular Wise Click System.



Dentures with **ANGULAR MULTI-UNIT** 



Removable Dentures with **ANGULAR BALL ATTACHMENT** 



Removable Dentures with AN ANGULAR WISE CLICK SYSTEM

### **COMPATIBLE AESTHETIC ABUTMENTS**

Internal Three Leg Fit

# **A**ESTHETIC **R**EGULAR **T**HREE **U**NIT - SYSTEM ADAPTER Angular Multi System Adapter 9°, 18°, 30°

### 4.3 Regular Platform

ERTU-0943 9° Angle Multi System Adapter	ERTU-1843 18° Angle Multi System Adapter	ERTU-3043 30° Angle Multi System Adapter

	INVERSE	
<b>ERTU-0943-I</b> <b>9°</b> Angle Multi System Adapter	ERTU-1843-I 18° Angle Multi System Adapter	ERTU-3043-I 30° Angle Multi System Adapter

### WISE CLICK CONNECTION

Wise Click connection for multi system concept

WCC-0020	WCC-0030	WCC-0040	WCC-0050
2 mm Connection	3 mm Connection	4 mm Connection	5 mm Connection
Multi System	Multi System	Multi System	Multi System
Wise Click	Wise Click	Wise Click	Wise Click

### WISE CLICK - ACCESSORIES

### Included in SET

						0
WCH-5628	WCH-4823	WCP-2348-H	WCPF-2348-H	WCPS-2348-H	WCP-2348	SCH-8540
Stainless Steel Housing Cover	Stainless Steel Housing	Hard Housing PEEK Attachment	Positioning PEEK Attachment	Soft Housing PEEK Attachment	Direct PEEK Attachment	Nylon Sealed Ring

### Not Included in SET



### **B**ALL **M**ULTI **A**NGULAR

Ball Attachment connection for multi system concept



# BALL HOUSING MINOR \ BALL NYLON INSERT



### ANALOG FOR BALL ATTACHMENT



### MULTI-UNIT CONNECTION

Screw-in connection for multi system concept



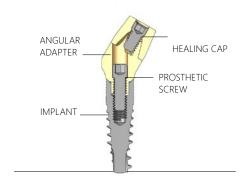
### MULTI-UNIT STRAIGHT AESTHETIC ABUTMENTS

Abutments with smooth, non-locking surface for Multi-Unit Restoration

# **A**ESTHETIC **R**EGULAR **U**NIT Straight Multi-Unit

### 4.3 Regular Platform









See the instructions Manual

NOTE: The screw geometry was carefully designed and optimized to allow safe tightening and long service. Special attention must be paid while tightening the screw. Make sure to use an original SURCAM hex key with edges that do not show wear. It is recommended to purchase additional screws

### **MULTI-UNIT - ACCESSORIES**

TMU-0532

Titanium Short

Sleeve

screw included

TMU-1000

Short Transfer

TMU-1200

Open Tray

screw included

**MULTI SYSTEM** 





WQP-011

Closed-Tray

Transfer

HCC-4550

Healing Cap

for Multi-Unit

AMU-1201

Analog for

TMU-8005

Closed-Tray

Transfer

# ANGULAR MULTI SYSTEM CONCEPT 9°, 18°, 30°

Multi-Unit Overdenture Attachment

9°

### ANGULAR MULTI-UNIT SYSTEM CONCEPT

Aesthetic Multi-Unit Angular Overdenture Attachment

### 4.3 Regular Platform



18°

### ANGULAR MULTI-UNIT SYSTEM CONCEPT

Aesthetic Multi-Unit Angular Overdenture Attachment

### 4.3 Regular Platform



30°

### ANGULAR MULTI-UNIT SYSTEM CONCEPT

Aesthetic Multi-Unit Angular Overdenture Attachment

### 4.3 Regular Platform



### ANGULAR BALL ATTACHMENT - SET

Overdenture Ball Attachment connection to Implants

9°

### BALL REGULAR ANGULAR MULTI SYSTEM CONCEPT

### 4.3 Regular Platform



18°

### BALL REGULAR ANGULAR MULTI SYSTEM CONCEPT

### 4.3 Regular Platform



30°

### BALL REGULAR ANGULAR MULTI SYSTEM CONCEPT

### 4.3 Regular Platform



### BALL REGULAR STRAIGHT

### 4.3 Regular Platform



### **B**ALL **R**EGULAR **S**ET - SILICON

### 4.3 Regular Platform



BALL HOUSING MINOR \
BALL NYLON INSERT



### ANALOG FOR BALL ATTACHMENT



### **AESTHETIC ABUTMENTS**

### STRAIGHT CURVE NARROW THREE

### 3.5 Narrow Platform



### STRAIGHT CURVE REGULAR THREE

### 4.3 Regular Platform



### STRAIGHT CURVE WIDE THREE



### **AESTHETIC ABUTMENTS**

### ANGULAR CURVE NARROW THREE

### 3.5 Narrow Platform





1.0 mm Aesthetic

3.0 mm Aesthetic

### ANGULAR CURVE REGULAR THREE

### 4.3 Regular Platform





1.0 mm Aesthetic Shoulder

ACRT-4315-30-I 3.0 mm Aesthetic Shoulder

### ANGULAR CURVE WIDE THREE





ACWT-5015-05-I 1.0 mm Aesthetic Shoulder



ACWT-5015-30-I 3.0 mm Aesthetic Shoulder

The Titanium / Plastic Abutment are for Investment and casting following conventional crown and bridge techniques. The Titanium / Plastic Abutments combine the precision of a machined interface between the implant and the abutment, with the convenience of a plastic sleeve for casting.

### TITANIUM PLASTIC ABUTMENT

### 4.3 Regular Platform





Analogs are used for the fabrication of a master model. They are replicas of the implant. All analogs are made of high grade stainless steel.

### ANALOG COMPATIBLE INTERNAL THREE Leg Fit



### ANALOG FOR MULTI-UNIT



### ANALOG FOR WISE CLICK SYSTEM



### ANALOG FOR BALL ATTACHMENT



### **3D SCANNING INTERFACE**

### STRAIGHT SCANNING ABUTMENTS

Scanning Titanium Abutments for 3D Suitable as a Zirconium Interface with the Implant





### 3.75 Platform



### **INTERNAL EXTERNAL ADAPTER**

### 4.3 Regular Platform



# INTERNAL EXTERNAL ADAPTER

### 5.0 Wide Platform



### **SCREW FOR INTERNAL / EXTERNAL**

### 4.3 Regular Platform





Healing caps are used to maintain access through tissue during the healing phase. They are available in a variety of heights and diameters to accommodate specific tissue depth.

### WIDE HEALING CAP REGULAR

4.3 Wide Platform / 5.3 mm Dia.



Recommended for Angular Restoration

### SLIM HEALING CAP REGULAR

4.3 Regular Platform / 4.3 mm Dia.



Recommended for Narrow Spaces











Components for **Overdenture** Restoration



Components for **Cement** Restoration



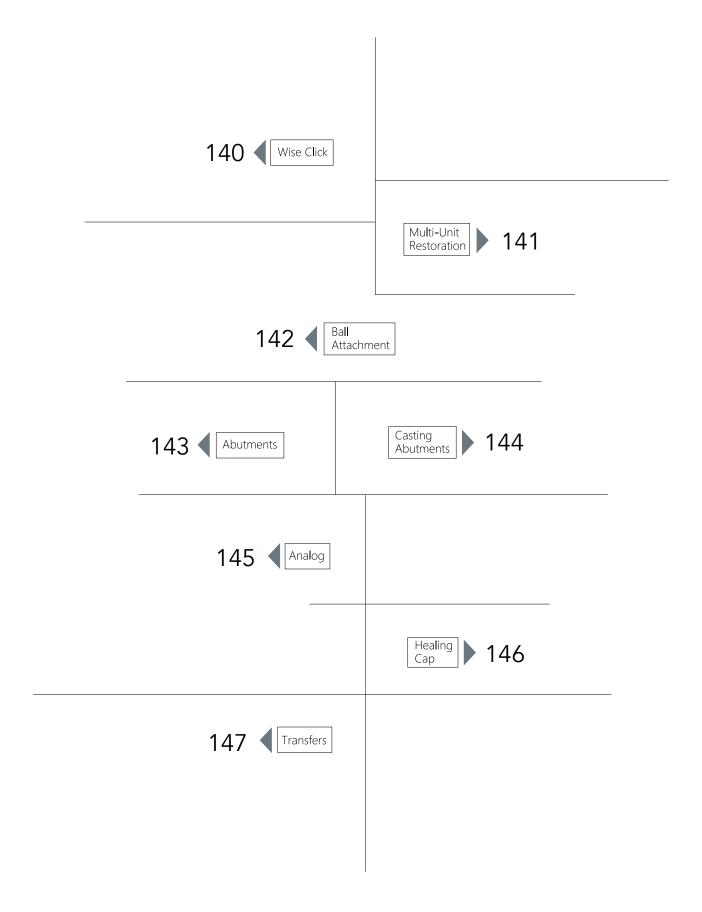


Components for **Lab** Use





Complementary Items



### STRAIGHT WISE CLICK

Overdenture Attachment connection to Implants

### WISE CLICK FOR EXTERNAL HEX IMPLANTS

Abutment bases connection to implants

### 4.1 Regular Platform

	For Full	Set add	SPE	to	catalog	number
--	----------	---------	-----	----	---------	--------

	F C				
<b>WCRE-4110</b>	<b>WCRE-4120</b>	WCRE-4130	<b>WCRE-4140</b>	<b>WCRE-4150</b>	<b>WCRE-4160</b>
H = 1.5 mm	H = 2.5 mm	H = 3.5 mm	H = 4.5 mm	H = 5.5 mm	H = 6.5 mm

Recommended Tightenning Torque 20-25 NCM

### **WISE CLICK REGULAR** - SET PEEK

Abutment bases with PEEK attachment and housing covers

4.1 Platform FULL SET



### WISE CLICK - ACCESSORIES

### Included in SET

						0
WCH-5628	WCH-4823	WCP-2348-H	WCPF-2348-H	WCPS-2348-H	WCP-2348	SCH-8540
Stainless Steel	Stainless Steel	Hard Housing	Positioning PEEK	Soft Housing	Direct PEEK	Nylon Sealed
Housing Cover	Housing	PEEK Attachment	Attachment	PEEK Attachment	Attachment	Ring

### Not Included in SET



### MULTI-UNIT STRAIGHT AESTHETIC ABUTMENTS

Abutments with smooth, non-locking surface for Multi-Unit Restoration

### **AESTHETIC REGULAR UNIT**

Straight Multi-Unit

### 4.1 Regular Platform









SMU-4023 Screw for Multi-Unit

See the instructions Manual

NOTE: The screw geometry was carefully designed and optimized to allow safe tightening and long service. Special attention must be paid while tightening the screw. Make sure to use an original SURCAM hex key with edges that do not show wear. It is recommended to purchase additional screws

### **MULTI-UNIT - ACCESSORIES**

TMU-0532

Titanium Short

Sleeve

screw included

TMU-1000

Short Transfer

TMU-1200

Open Tray

screw included

**MULTI SYSTEM** 





TMU-8005

Closed-Tray

Transfer

WQP-011

Plastic for

Closed-Tray

Transfer

HCC-4550

Healing Cap

for Multi-Unit

AMU-1201

Analog for

Multi-Unit

### **BALL ATTACHMENT ABUTMENTS**

Overdenture Ball Attachment connection to Implants

### BALL REGULAR STRAIGHT

### 4.1 Regular Platform Dia. 4.3 mm



### **BALL REGULAR SET - NYLON**

### 4.1 Regular Platform Dia. 4.3 mm



# BALL HOUSING MINOR \ BALL NYLON INSERT



### ANALOG FOR BALL ATTACHMENT



### STRAIGHT AESTHETIC ABUTMENTS

Includes a Retaining Screw

In order to preserve the original structure of the titanium alloy, **SURCAM** utilizes advanced CAD/CAM methods in the production process.

These methods effectively reduce undesirable deformations of the alloy structure.

### **SPECIFICATIONS**

- The angular aesthetic Abutment body functions as impression copinc
- Includes the Prosthetic Screw
- Installation using large external hex drivers (1.3mm)
- Non-rotational design for standard, internal-hex implants
- Compatible with ZIMMER®, MIS, ALPHA BIO,A.B.DENTAL, Bio Horizon
- Made of Commercial grade 5 Titanium alloy (ASTM-F-136 02A COND A)

### STRAIGHT LEVEL EXTERNAL ABUTMENTS

### 4.1 Regular Platform



### 15° ANGULAR CURVE EXTERNAL ABUTMENTS

### 4.1 Regular Platform



The Titanium / Plastic Abutment are for investment and casting following conventional crown and bridge techniques. The Titanium / Plastic Abutments combine a precision of a machined interface between the implant and the Abutment with the convenience of a Plastic sleeve for casting.

### TITANIUM PLASTIC CASTING ABUTMENTS

### 4.1 Regular Platform





Analogs are used for the fabrication of a master model. They are replicas of the implant. All analogs are made of high grade stainless steel.

### ANALOG FOR EXTERNAL HEX

### 4.1 Platform / 5.0 Platform



### ANALOG FOR MULTI-UNIT



### ANALOG FOR WISE CLICK SYSTEM



### ANALOG FOR BALL ATTACHMENT



Healing caps are used to maintain access through tissue during the healing phase. They are available in a variety of heights and diameters to accommodate specific tissue depth.

### **HEALING CAP REGULAR PLATFORM**

### 4.1 Platform



### **HEALING CAP WIDE PLATFORM**

### 5.0 Platform



### TRANSFERS IMPRESSION COPING

Includes a Retaining Screw

### **OPEN TRAY TRANSFER**



### TRANSFER WIDE CLOSED

Closed-tray Transfer Abutment

### 4.1 Platform



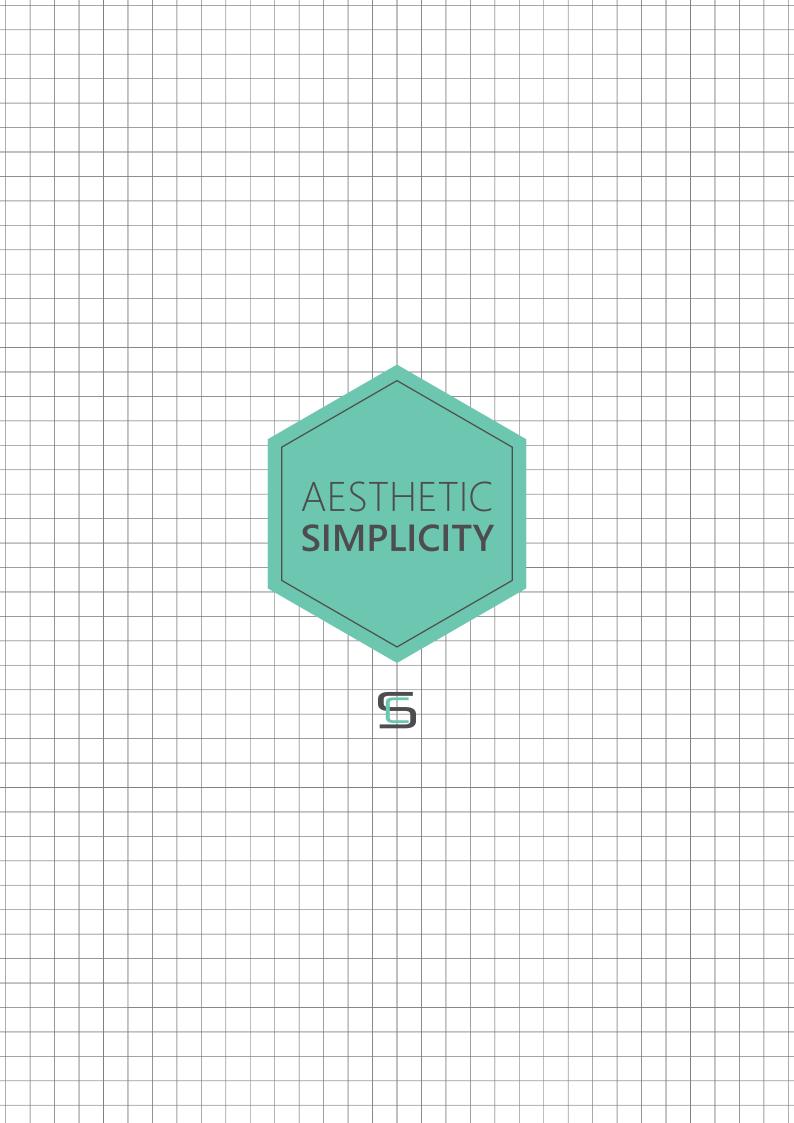
Plastic Cap Included

### TRANSFER'S MATCHED PLASTIC

Closed-tray Transfer Plastic Cap









Northern Industrial Zone P.O.B 12084 Nahariya 2201202, Israel Technical support: 972-4-9523334 Sales: 972-4-9523511

### www.surcamdental.com

E-mail: sales@surcamdental.com

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