



MPLA *Smile*

Impla Smile Sp. z o.o. Sp. k.

ul. Księcia Ziemiowita 53 bud. 5a lok. 9

03-885 Warszawa

tel: 22 299 21 99

kom: 790-502-199

790-552-199

e-mail: biuro@implasmile.pl

www.implasmile.pl

KIS PLANT

KUWOTECH IMPLANT SYSTEM



GEO
GeoMedi

New York
KERATOR
Overdenture Attachment Systems


Medibrex

Ti-OSS[®]

KUWOTECH
IMPLANT SYSTEM

Welcome at KUWOTECH

Kuwotech was established in 2007 with the purpose of leading the advanced medical industry and has manufactured key dental materials and components based on precision process technology and started to develop, produce and sell Dental Implant and zirconia ceramic biomaterial for dental use through continuous industrial–educational joint research development. Kuwotech does our best for creating value in the future of human society with the excellent products and services based on taking care of each other, persons of talent and technology. Kuwotech, that is an enterprising company based on the spirit of perpetual challenges and future technology skills, promises to ensure your valuable future with even when facing upcoming new challenges and changes and we will be a partner who delivers happiness and help customers attain their dreams

CEO / Jeong Cheol woong



History

2007

- Establishment of MegaTech Co., Ltd.
- Relocation of Headquarter
- MOU on the investment with Gwangju Metropolitan City
- Approved as medical equipment manufacturing company (No. 2603)

2008

- Establishment of R&D Center (No. 2008210228)

2009

- Change the company name (Kuwotech Co., Ltd.)
- Quality management system ISO 9001:2000 Certified (QMS-1871)
- Capital Increase (Capital : 1,887,500,000 KRW)
- Ministry of knowledge economy, parts & materials professional company certified (No. 6962)

2011

- Venture business certified (No. 20110102162)
- Ministry of knowledge economy, Regional star business awarded
- Technology innovation small business (INNO-Blz) certified
- Completed new factory & relocation of headquarter (50 Chemdan venture so-ro 37beon-gil, Buk-gu, Gwangju, 61003, Korea)

2012

- Headquarter of Gwangju women new job creation, selected as a women-friendly company
- Citation as the job creation excellent company awarded, Gwangju metropolitan city (No.471)
- Employment excellent company certified (No. 2012-8)

2013

- ISO 13485:2012 certified (Zirconia Ceramic Block)
- CE certified (Zirconia Ceramic Block, 2195-MED-1302002)
- FDA certified (Zirconia Ceramic Block)
- IP star business certified (No. 2013-07)
- Citation as the contribution to small business development awarded

2014

- CE certified (T-Cleana)
- Citation minister of ministry of trade, industry and energy

2015

- KFDA certified (Dental Implant - 'KISPLANT')
- Designated as a high technology company

2016

- ISO 13485:2012 certified (Dental Implant - 'KISPLANT')
- CE certified (Dental Implant - 'KISPLANT')

2017

- Development of TREATON minocycline ointment

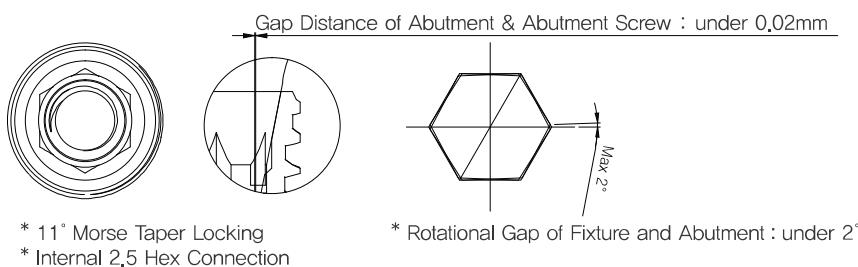
KISPLANT

KUWOTECH
IMPLANT
SYSTEM

Platform Switching

Conical Sealing & Internal Hex Connection

Allows for biologic width, conducting soft and hard tissue growth and reducing bone loss at osseointegrative surfaces.
11° Morse taper is self-locking to enhance the connection between fixture and abutment
Anti-rotational, secure connection between fixture and abutment.



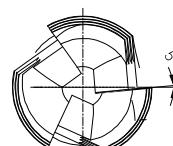
Taper-straight Design for Stable placement

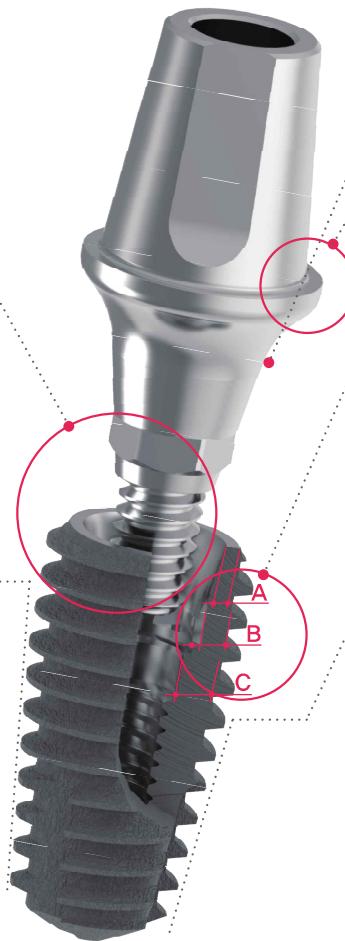
Unique Macro Thread

- The design enables progressive bone condensing, gentle ridge expansion, and minimized shear force production.
- Increases the surface area in contact with bone increasing initial stability

Apex with Cutting Edge

- Enhanced self tapping based on cutting Edge
- Easy start with sharp Apex
- Reduces risk of damage to the bone





Excellent soft tissue response

S-Line Abutment

Shoulder Margin for Esthetics & Zirconia Crown

Higher Compressive Strength

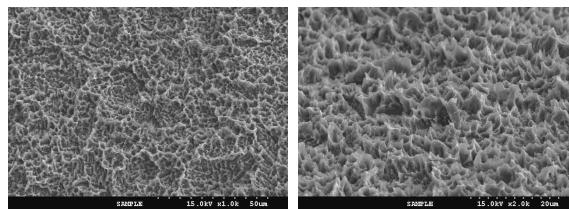
* Wall Thickness

	A사Ø3.6	B사Ø3.6	KISPLANT(Ø3.6)			A사Ø4.0	B사Ø4.0	KISPLANT(Ø4.0)	
			BT	MT				BT	MT
A	0.201	0.341	0.320	0.320	A	0.296	0.476	0.402	0.422
B	0.056	0.197	0.201	0.252	B	0.173	0.321	0.331	0.430
C	0.248	0.324	0.521	0.530	C	0.369	0.466	0.590	0.600

Fast & Safe osseointegration

Special S.L.A. Surface

The surface roughness of Kuwotech Co., Ltd. are achieved by sandblasting with Alumina, followed by etching with a combination of acids, a process which also creates a greater envelope surface and improves osseointegration.



Auto Etching Machine

All products of Kuwotech Co., Ltd. are produced by Auto Etching Machine which Products uniform surface treatment products.

Quality Control

All products of Kuwotech Co., Ltd. are subject to strict quality control in all process of production.

Fixture Level Prosthesis



Fine Abutment



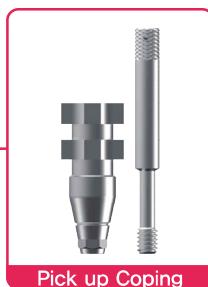
Angled Abutment



Solid Abutment



Customized



Pick up Coping



Transfer Coping



Lab Analog



Healing Abutment



Cover Screw



Fixture

Fixture

BT(Body Thread)



Ø3.5

Length	7.0	8.5	10.0	11.5	13.0
Ref.C	BT3507	BT3508	BT3510	BT3511	BT3513

Ø4.0

Length	7.0	8.5	10.0	11.5	13.0
Ref.C	BT4007	BT4008	BT4010	BT4011	BT4013

Ø4.5

Length	7.0	8.5	10.0	11.5	13.0
Ref.C	BT4507	BT4508	BT4510	BT4511	BT4513

Ø5.0

Length	7.0	8.5	10.0	11.5	13.0
Ref.C	BT5007	BT5008	BT5010	BT5011	BT5013

Ø5.5

Length	7.0	8.5	10.0
Ref.C	BT5507	BT5508	BT5510

Ø6.0

Length	7.0	8.5	10.0
Ref.C	BT6007	BT6008	BT6010

CoverScrew



Ref.C KCS

- Used a Hand Driver (1.2HEX)
- Recommend Torque : 5~8Ncm

MT(Micro Thread)



Ø3.5

Length	7.0	8.5	10.0	11.5	13.0
Ref.C	MT3507	MT3508	MT3510	MT3511	MT3513

Ø4.0

Length	7.0	8.5	10.0	11.5	13.0
Ref.C	MT4007	MT4008	MT4010	MT4011	MT4013

Ø4.5

Length	7.0	8.5	10.0	11.5	13.0
Ref.C	MT4507	MT4508	MT4510	MT4511	MT4513

Ø5.0

Length	7.0	8.5	10.0	11.5	13.0
Ref.C	MT5007	MT5008	MT5010	MT5011	MT5013

Ø5.5

Length	7.0	8.5	10.0
Ref.C	MT5507	MT5508	MT5510

Ø6.0

Length	7.0	8.5	10.0
Ref.C	MT6007	MT6008	MT6010

CoverScrew



Ref.C KCS

- Used a Hand Driver (1.2HEX)
- Recommend Torque : 5~8Ncm

Healing Abutment



Ø4.5

Height	3.0	4.0	5.0	6.0	7.0
Ref.C	HA4530	HA4540	HA4550	HA4560	HA4570

Ø5.5

Height	3.0	4.0	5.0	6.0	7.0
Ref.C	HA5530	HA5540	HA5550	HA5560	HA5570

Ø6.5

Height	3.0	4.0	5.0	6.0	7.0
Ref.C	HA6530	HA6540	HA6550	HA6560	HA6570

Ø7.5

Height	3.0	4.0	5.0	6.0	7.0
Ref.C	HA7530	HA7540	HA7550	HA7560	HA7570

- Used a Hand Driver (1.2HEX)
- Recommend Torque : 5~8Ncm

Abutment

Fine Abutment

Ø4.5



Cuff	1.5	2.5	3.5	4.5	5.5
HEX					
Height					
5.5	FA4515H	FA4525H	FA4535H	FA4545H	FA4555H
7.0	FA4517H	FA4527H	FA4537H	FA4547H	FA4557H
Non HEX					
Height					
5.5	FA4515N	FA4525N	FA4535N	FA4545N	FA4555N
7.0	FA4517N	FA4527N	FA4537N	FA4547N	FA4557N

- Recommend Torque : 35Ncm
- Used a Hand Driver(1,2HEX)
- Enclosed a Abutment screw

Ø5.5

Cuff	1.5	2.5	3.5	4.5	5.5
HEX					
Height					
5.5	FA5515H	FA5525H	FA5535H	FA5545H	FA5555H
7.0	FA5517H	FA5527H	FA5537H	FA5547H	FA5557H
Non HEX					
Height					
5.5	FA5515N	FA5525N	FA5535N	FA5545N	FA5555N
7.0	FA5517N	FA5527N	FA5537N	FA5547N	FA5557N



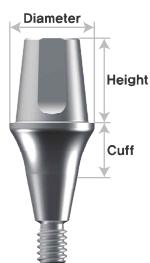
Ref.C KAS20

Ø6.5

Cuff	1.5	2.5	3.5	4.5	5.5
HEX					
Height					
5.5	FA6515H	FA6525H	FA6535H	FA6545H	FA6555H
7.0	FA6517H	FA6527H	FA6537H	FA6547H	FA6557H
Non HEX					
Height					
5.5	FA6515N	FA6525N	FA6535N	FA6545N	FA6555N
7.0	FA6517N	FA6527N	FA6537N	FA6547N	FA6557N

Solid Abutment

Ø4.5



Cuff	1.5	2.5	3.5	4.5	5.5
Height					
5.5	SA4515	SA4525	SA4535	SA4545	SA4555
7.0	SA4517	SA4527	SA4537	SA4547	SA4557

- Recommend Torque : 35Ncm
- Used a Hand Driver(1.2HEX)

Ø5.5

Cuff	1.5	2.5	3.5	4.5	5.5
Height					
5.5	SA5515	SA5525	SA5535	SA5545	SA5555
7.0	SA5517	SA5527	SA5537	SA5547	SA5557

Ø6.5

Cuff	1.5	2.5	3.5	4.5	5.5
Height					
5.5	SA6515	SA6525	SA6535	SA6545	SA6555
7.0	SA6517	SA6527	SA6537	SA6547	SA6557

Angled Abutment



Ref.C KAS20

- Recommend Torque : 35Ncm
- Used a Hand Driver(1,2HEX)
- Enclosed a Abutment screw

Ø4.5

	Cuff	2.5	4.5
HEX			
Angle			
15°	AA4521H	AA4541H	
25°	AA4522H	AA4542H	

Ø5.5

	Cuff	2.5	4.5
HEX			
Angle			
15°	AA5521H	AA5541H	
25°	AA5522H	AA5542H	

Ø6.5

	Cuff	2.5	4.5
HEX			
Angle			
15°	AA6521H	AA6541H	
25°	AA6522H	AA6542H	

Customized Abutment



Ref.C KAS20

- Recommend Torque : 35Ncm
- Used a Hand Driver(1,2HEX)
- Enclosed a Abutment screw

Ø10

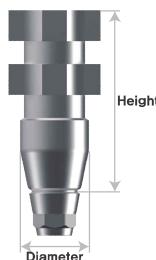
	Type	A Type	B Type	C Type
HEX				
		CA10-A	CA10-M	CA10-D

Ø14

	Type	A Type	B Type	C Type
HEX				
		CA14-A	CA14-M	CA14-D

- A Type : Arum
- B Type : Manix
- C Type : Dentime

Impression Coping



Pick up

	Diameter	4.5	5.5
Height			
12	IPH4512	IPH5512	
16	IPH4516	IPH5516	



Transfer

	Diameter	4.5	5.5
Height			
12	ITH4512	ITH5512	
16	ITH4516	ITH5516	



- Used a Hand Driver (1.2HEX)
- Used for Closed Tray & open tray pick up (Transfer Coping) Impression Technique
- Enclosed a Guide pin

Lab Analog



Type	Small	Regular/Wide
Color	Green	Titan
Ref.C	KLA350	KLA400

- Replicates the Fixture
- Small type Lab analog for Ø3.5 Fixture
- Regular & Wide type Lab analog for all Fixture sizes except Ø3.5 Fixture

Compatible to Implant Systems



KISPLANT SYSTEM

*set (Scanbody/Multibase/CMFit Abutment + screw)

SC-Scanbody(Model)	GMS-Scanbody(Intra-Oral)	Single LL-Multibase	Bridge LL-Multibase	Single LS-Multibase
	(11.5mm) (7.5mm)			
Ø10 CMFit Abutment	Ø14 CMFit Abutment	3D-Analog	Screw	Driver (Ncm)
				1.25Hex 25~30Ncm

Description-Library code	0201 - DER		
Product	Connection Platform Ø	Universal	Ø3.5/4.0/4.5
SC-Scanbody		SC-DER	
GMS-Scanbody(Short)		GMS-DERS	
GMS-Scanbody(Long)		GMS-DERL	
Ti Base	GH : 1.3	LL2-DER13-H2	
	GH : 2.0	LL2-DER20-H2	
	GH : 3.0	LL2-DER30-H2	
Ti Base	GH : 1.3	LL2-DER13-N2	
	GH : 2.0	LL2-DER20-N2	
	GH : 3.0	LL2-DER30-N2	
LS-Multibase / Single		LS2-DER-H2	
LS-Multibase / Bridge		LS2-DER-N2	
CMFit Abutment(S) / Ø10		CMFit10-DER-H2	
CMFit Abutment(B) / Ø10		CMFit10-DER-N2	
CMFit Abutment(S) / Ø14		CMFit14-DER-H2	
CMFit Abutment(B) / Ø14		CMFit14-DER-N2	
3D-Analog		3D-DER	
Screw		DERC	

Design concept

GMS Scanbody (Intra-oral)

- Biocompatible Titanium (Ti-6Al-4V ELI) from CARPENTER Co, guarantees durability which can be autoclavable and reusable.
- special coating allows to scan without any scan spray.
- provides with two different sizes, – Short(7.5mm) / Long(11.5mm)
- consistent performance and visible in x-rays.
- Various Implant system available.
- Highly precise Geo library is provided for CAD s/w, (3shape, exocad, Dental Wings)
- Customized Abutment Design with CNC or Premilled abutment is available.
- Zirconia prothesis design with Geo Link,



GMS Short (7.5mm)

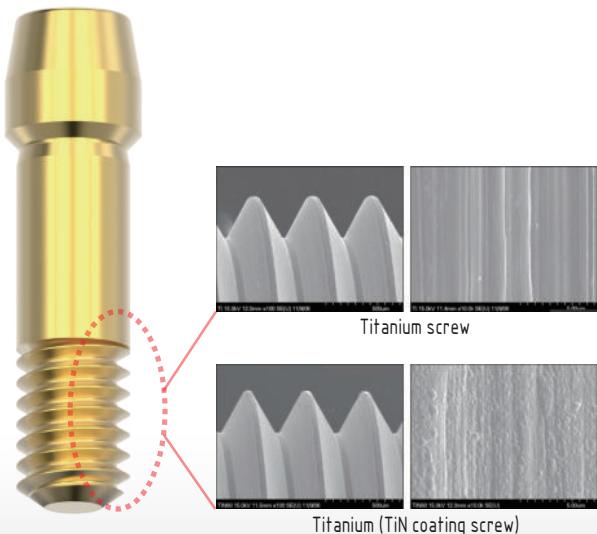
GMS Long (11.5mm)



Design concept

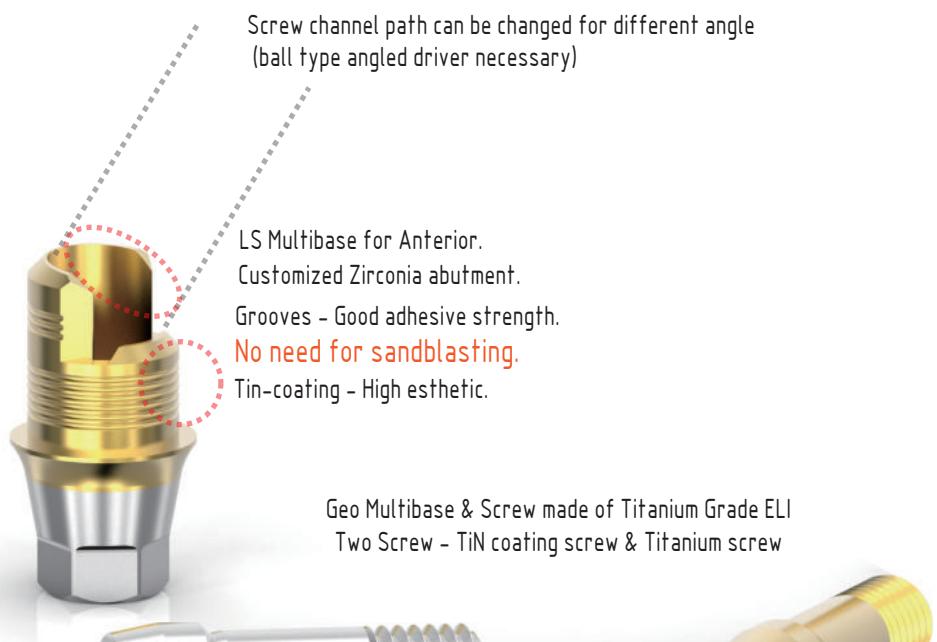
TiN Screw

Surface treatment of TiN-coating
- increased of abrasion resistance
- improved fixation of screw



Screw made of Titanium Grade ELI
Two Screw - TiN coating screw & Titanium screw
TiN coating screw - Final Setting

Ti Base



Design concept

Ti Base

LL Multibase height is editable on Geo Library.



Tin-coating - High esthetic.
LL Multibase for Posterior.

NEW Item



Gingival height - 2.0mm
height - 6.0mm

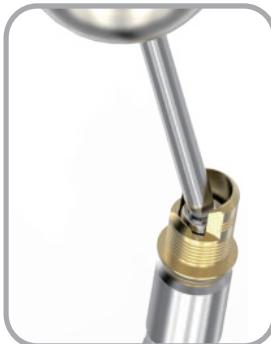


Gingival height-1.3mm => height-5.5mm
Gingival height-2.0mm => height-6.0mm
Two different gingival height is available.

Zirconia - Screw retained restorations
Customized Zirconia abutment
Geo Multibase & Screw made of Titanium Grade ELI
Two Screw - TiN coating screw & Titanium screw



Geo Screw Driver



Angled Driver

Square Type / Ratchet Type

Use with LS Multibase Abutment

Maximum Angle 25°

Recommended torque allowance : below 30Ncm.(reference manufacture's guide)

Caution: unstable connection may bend or destroy the driver

Recommended usage (1.2hex/1.27hex)-10 times
(Universal Type)- 20 times

Connect with Square type Torque wrench
May use Round Type Torque wrench
by connecting HDEC - Short (Clinic)Handle



Connect Straight & Angle driver
with the Torque Wrench



Straight Driver

Square Type / Ratchet Type

Connect by manufacturer's recommended torque allowance

Damage on the tip or usage of long period of time need to exchange driver

Connect with Square type Torque wrench
May use Round Type Torque wrench
by connecting HDEC - Short (Clinic)Handle

Universal - Round hexagon

Square Type / Ratchet Type

Connect by manufacturer's recommended torque allowance

Damage on the tip or usage of long period of time need to exchange driver

Connect with Square type Torque wrench
May use Round Type Torque wrench
by connecting HDEC - Short (Clinic)Handle

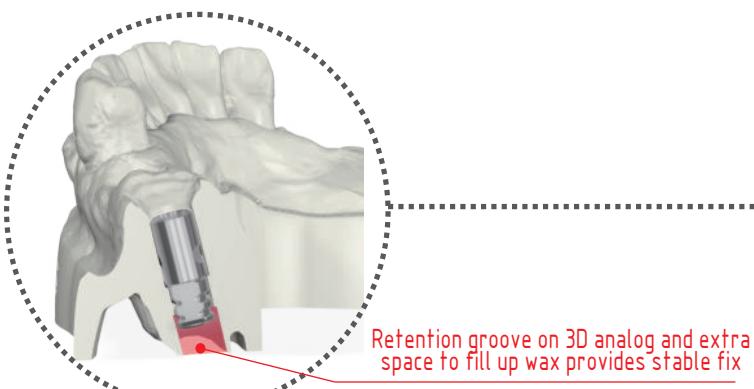
Angled Driver

1.25mm Hex

	ASDZIL	Square -20mm		ASDZIR	Square -13mm		ALDZIL	Ratchet -20mm		ALDZIR	Ratchet -13mm
--	--------	--------------	--	--------	--------------	--	--------	---------------	--	--------	---------------

Design concept

Geo 3D Analog



3D Analog

Pioneer of providing 3D digital Analog

Can be used both stone model & 3D printed model

Reasonable price with excellent durability

Provided all type of implant system

Stainless Steel

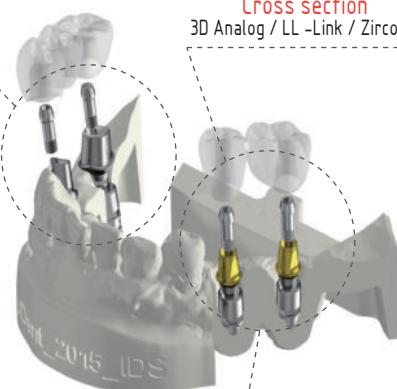


Cross section

3D Analog / LL -Link / Zirconia



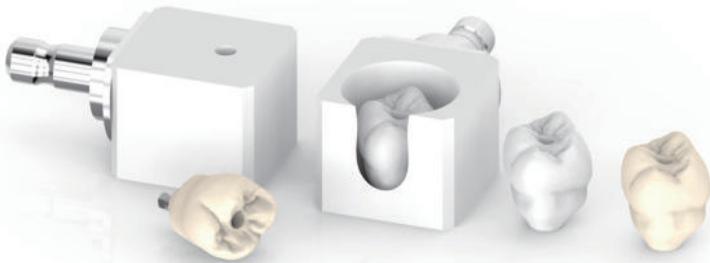
Geo CMFit for Titan blank



Geo Link for Zirconia

Sirona Ti-base

Sirona Multibase



Perfect fit for inCoris ZI meso

Improved design for making emergence profile
Zirconia abutment block for Sirona Multibase



Scan Cap for Sirona Multibase

Description

	SHADE S2	SHADE S3
	S-MEZO-S2	S-MEZO-S3

Scan Cap

Scan Cap (short)	Scan Cap (long)
SCSN-CAP	SCSNL-CAP

Sirona Multibase

Description

KISPLANT SYSTEM

Connection	Platform Ø	universal 	Ø3.5/4.0/4.5	Driver (Ncm)
	Single [GH:1.2mm]			
	Single [GH:2.6mm]			
				25~30Ncm

CCM Casting Abutment

CCM Casting Abutment

Asia's first developed product in 2009
Six years of accumulated clinical data
Excellent biocompatibility
Incl. screw
Optimum platform design for emergence profile
Could make all type of implant restorations



Description

KISPLANT SYSTEM

*set (CCM Abt + screw)

Platform Ø Connection	Standard		Driver (Ncm)
	Ø3.5/4.0/4.5		
Single	GH : 1mm	DER-H2	25~30Ncm
	GH : 2mm	DER20-H2	
	GH : 3mm	DER30-H2	
Bridge	GH : 1mm	DER-N2	
	GH : 2mm	DER20-N2	
	GH : 3mm	DER30-N2	



Geo

Multi-screw Abutment

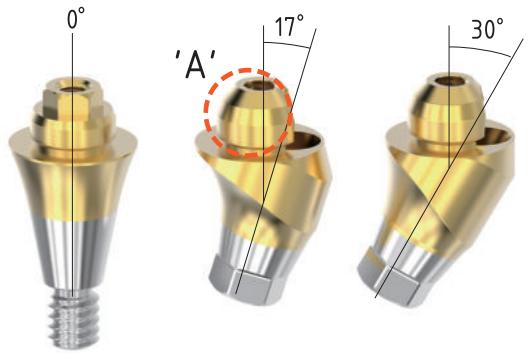
- CAD/CAM restoration / Geo Multi-screw Library
Implant Bridge for Zirconia, Titanium and Cobalt Chrome
Zirconia Hybrid
'All On 4" / Hybrid Bar / Bar Overdenture
- Conventional & Digital
- Overdenture, Screw-Retained Restorations.



Design concept

Multi-screw Abutment & LB-Cylinder

● Multi-screw Abutment



Straight Abutment Angled Abutment 17° & 30°

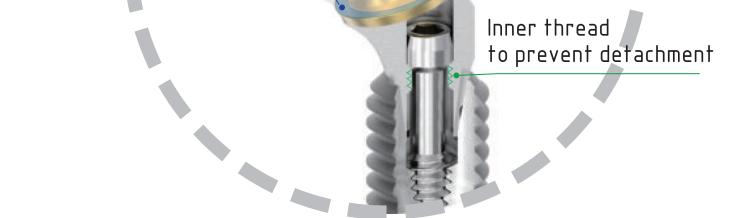
● LB-Cylinder



Recommend Torque allowance : 15 Ncm

Screw channel change

Wide range shoulder to prevent easy breakage of zirconia prosthetic restoration



Multi-screw prosthetic components of CAD/CAM restoration

● Scanbody



T-Scanbody H-Scanbody SC2-Scanbody

● 3D Analog



T-Scanbody

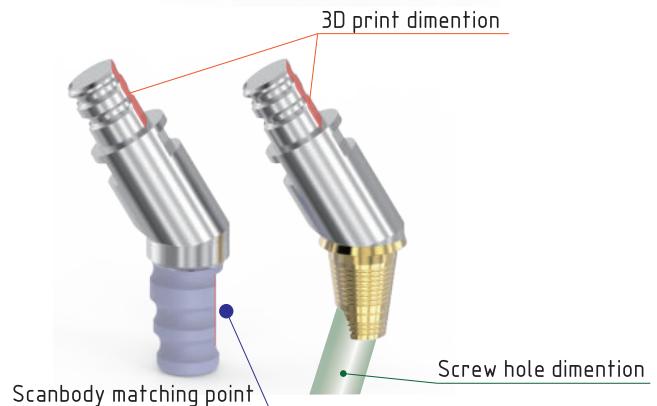
Can be used for both scanbody & transfer impression coping
Necessary for angled analog
Necessary for Cylinder screw hole direction

H-Scanbody

Healing Cap is also functional for scanbody
with scan spray

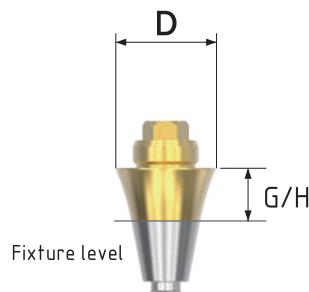
SC2-Scanbody

Model scanbody & Intraoral scanbody



DT - Series KISPLANT MULTI - UNIT

Multi-screw Straight Abutment

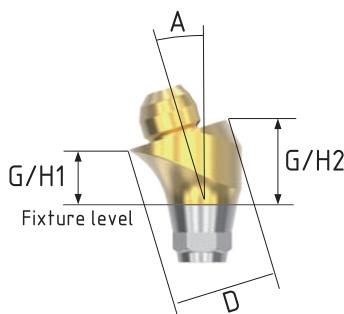


Fix with special Straight Guide
Recommended torque allowance : 30Nm (Driver code: G-DV)
packing unit : Multi-screw Straight abutment
+ Straight Guide

Straight Guide

	G/H	1.5mm	2.5mm	3.5mm	4.5mm	5.5mm
D 4.8						
Code		G-S15DER-S	G-S25DER-S	G-S35DER-S	G-S45DER-S	G-S55DER-S

Multi-screw Angled Abutment



Exclusive Angled Abutment Screw
Fix with 1.27 Hex Driver
Implant fixture angle covers up to 108°
Recommended torque allowance : 30Ncm
packing unit : Multi-screw Angled Abutment
+ Angled Guide + screw

Angled Abutment Screw

Angled Abutment Guide

D4.8	G/H2	3.0mm	4.0mm	5.0mm	4.0mm	5.0mm	6.0mm	G-ADERC
G/H1	1.5mm	2.5mm	3.5mm	1.5mm	2.5mm	3.5mm		
A	17°	17°	17°	30°	30°	30°		
	Code	G-A1715DER-S	G-A1725DER-S	G-A1735DER-S	G-A3015DER-S	G-A3025DER-S	G-A3035DER-S	

Multi-screw prosthetic components

Product	Healing cap & H-Scanbody	T-Scanbody & Transfer Impression Coping	SC2-Scanbody	Pick-up Impression Coping	3D Analog (Straight)	3D Analog (Angled 17°)	3D Analog (Angled 30°)
Image							
Code	HC-G4840D	IP-G48TD	SC2-G48D	IP-G48PD	3D-G48S	3D-G4817A	3D-G4830A

Product	Temporary Cylinder	LB Cylinder (Short)	LB Cylinder (Long)	CCM Cylinder	Cylinder Screw
Image					 1.25 Hex Driver 15 Ncm
Code	TA-G48D	LB2-G4840D	LB2-G4860D	G48D	MUTDC

New York

KERATOR

Overdenture Attachment Systems

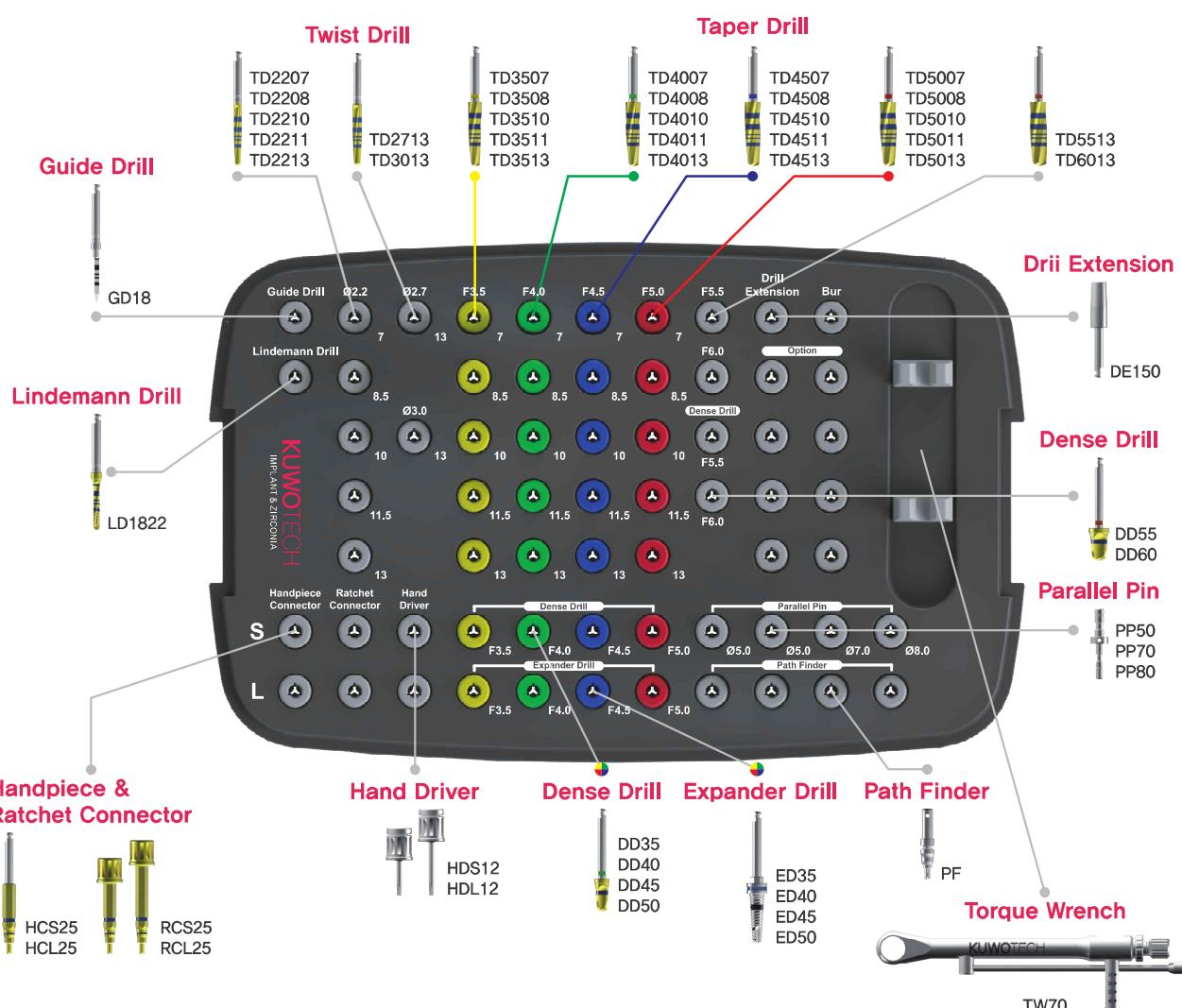


Kerator has the world's most powerful competitiveness in overdenture attachment system.

Why?

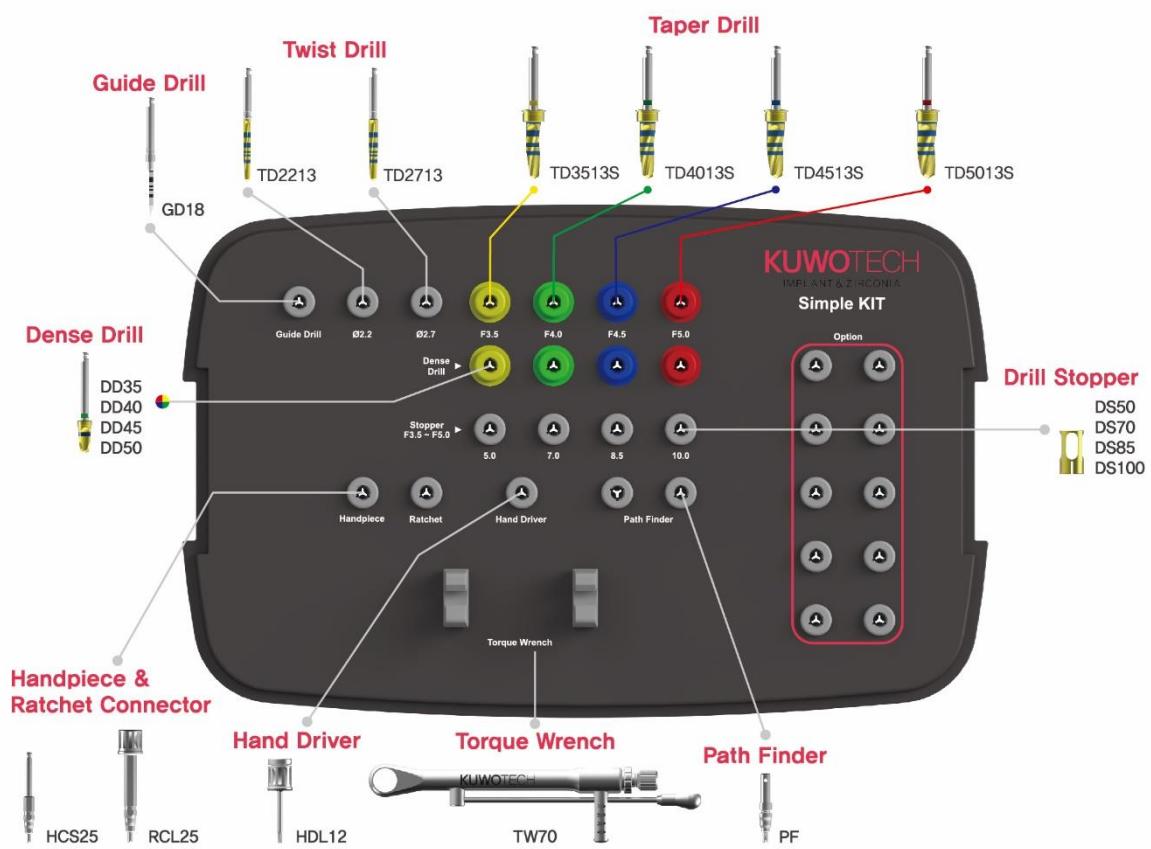
KERATOR was chosen over the other overdenture attachment, for the comfortable retention power of caps and excellent mobility in the denture metal housing, in the world market.

Surgical KIT-F



Surgical KIT – S

products from KUWOTECH



Surgical KIT - Drills & Instrument

Guide Drill

- Used to pierce the cortical bone initially



Twist Drill

Length	7.0	8.5	10.0	11.5	13.0	Length	13.0	Length	13.0
$\varnothing 2.2$						$\varnothing 2.7$		$\varnothing 3.0$	
Ref.C	TD2207	TD2208	TD2210	TD2211	TD2213	Ref.C	TD2713	Ref.C	TD3013

Taper Drill

Length	7.0	8.5	10.0	11.5	13.0	Length	7.0	8.5	10.0	11.5	13.0	Length	13.0
$\varnothing 3.5$						$\varnothing 4.0$						$\varnothing 5.5$	
Ref.C	TD3507	TD3508	TD3510	TD3511	TD3513	Ref.C	TD4007	TD4008	TD4010	TD4011	TD4013	Ref.C	TD5513

Length	7.0	8.5	10.0	11.5	13.0	Length	7.0	8.5	10.0	11.5	13.0	Length	13.0
$\varnothing 4.5$						$\varnothing 5.0$						$\varnothing 6.0$	
Ref.C	TD4507	TD4508	TD4510	TD4511	TD4513	Ref.C	TD5007	TD5008	TD5010	TD5011	TD5013	Ref.C	TD6013

Dense Drill

- Used to remove and shape cortical bone to control initial stability in dense bone (Bone type D1/D2)

Diameter	3.5	4.0	4.5	5.0	5.5	6.0
Ref.C	DD35	DD40	DD45	DD50	DD55	DD60

Expander Drill

- Useful in very narrow bone

Diameter	3.5	4.0	4.5	5.0
Ref.C	DD35	DD40	DD45	DD50

Lindeman Drill

- Can correct the path during drilling

Diameter	1.8 – 2.2
Ref.C	LD1822

Drill Extension

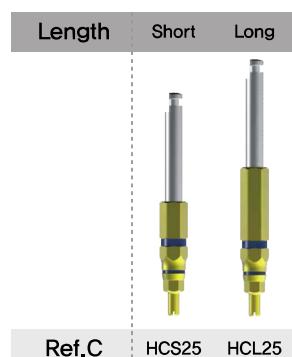
- Can correct the path during drilling



Ref.C DE150

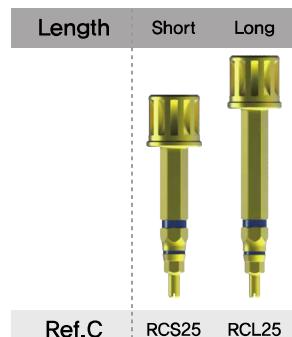
Handpiece Connector

- Delivers torque for the placement of a fixture with a handpiece
- Easy and secure pick up and delivery



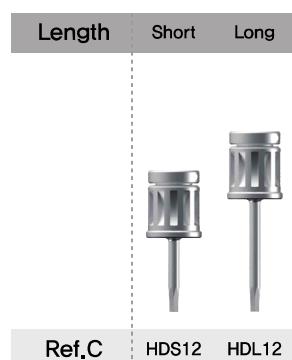
Ratchet Connector

- Delivers torque for the placement or removal of a fixture with a ratchet wrench
- Easy and secure pick up and delivery



Hand Driver

- Used for all cover screws, all abutment Screws and all healing abutment



Path Finder

- After placing a fixture, a path finder can be connected to guide parallel for the next implant
- Gingival depth can be measured with the grooves especially for flapless surgeries

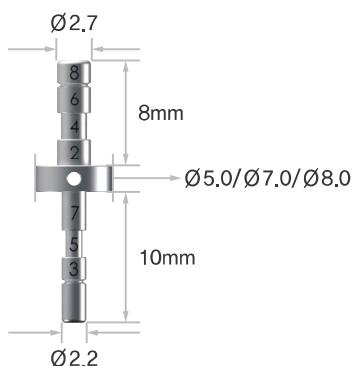


Ref.C PF

Parallel Pin

- Delivers torque for the placement or removal of a fixture with a ratchet wrench
- Easy and secure pick up and delivery
- Use for checking the direction and location for bone preparation
- Predicts the diameter of an abutment to be secured

Diameter	5.0	7.0	8.0
Ref.C	PP50	PP70	PP80



Torque Wrench

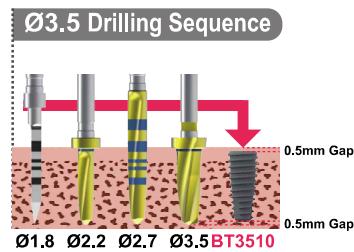
- Torque wrench has torque option from 15Ncm to 45Ncm and is used for the placement of an implant and final tightening of the abutment screw



Ref.C TW70

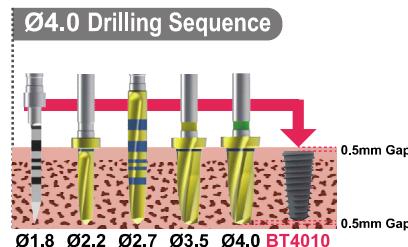
Surgical Kit-F Drilling Sequence

BT3510



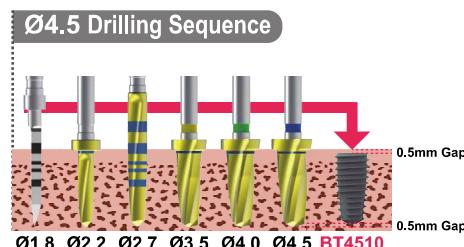
10.0mm is the fixture length and the Taper drill are 0.5mm longer than the fixture,
total drill depth is 10.5mm

BT4010



10.0mm is the fixture length and the Taper drill are 0.5mm longer than the fixture,
total drill depth is 10.5mm

BT4510

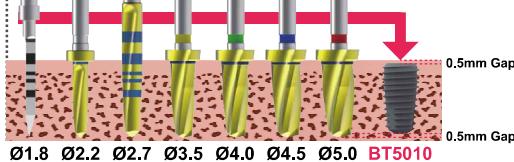


10.0mm is the fixture length and the Taper drill are 0.5mm longer than the fixture,
total drill depth is 10.5mm

BT5010



$\varnothing 5.0$ Drilling Sequence

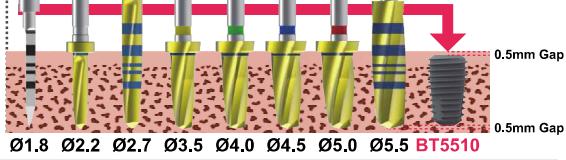


10,0mm is the fixture length and the Taper drill are 0,5mm longer than the fixture,
total drill depth is 10,5mm

BT5510



$\varnothing 5.5$ Drilling Sequence

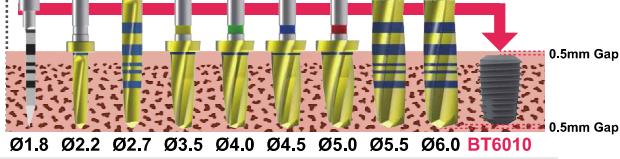


10,0mm is the fixture length and the Taper drill are 0,5mm longer than the fixture,
total drill depth is 10,5mm

BT6010



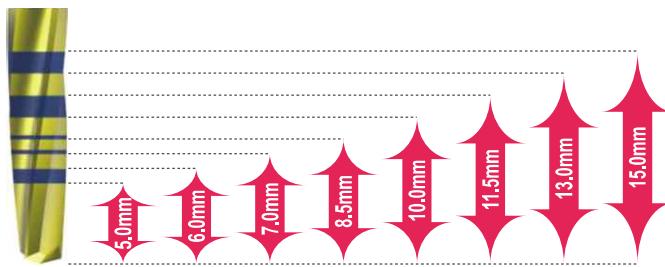
$\varnothing 6.0$ Drilling Sequence



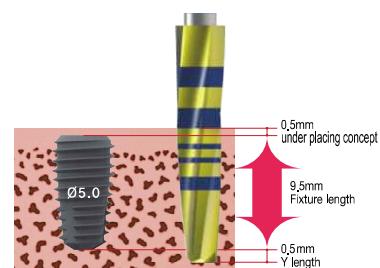
10,0mm is the fixture length and the Taper drill are 0,5mm longer than the fixture,
total drill depth is 10,5mm

Taper Drill

- Each drill has depth marking lines from 7.0mm to 15.0mm

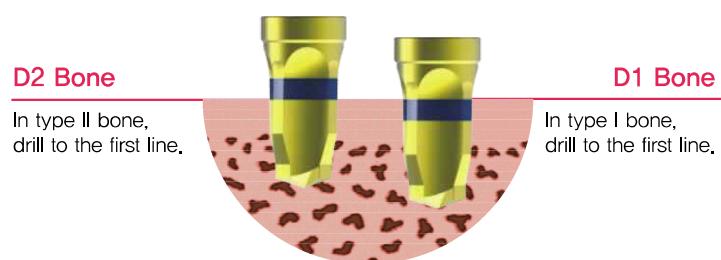


* Taper Drill markings are 0.5mm longer than the fixture so fixtures will automatically be placed 0.5mm subcrestally if the drilling protocol is followed

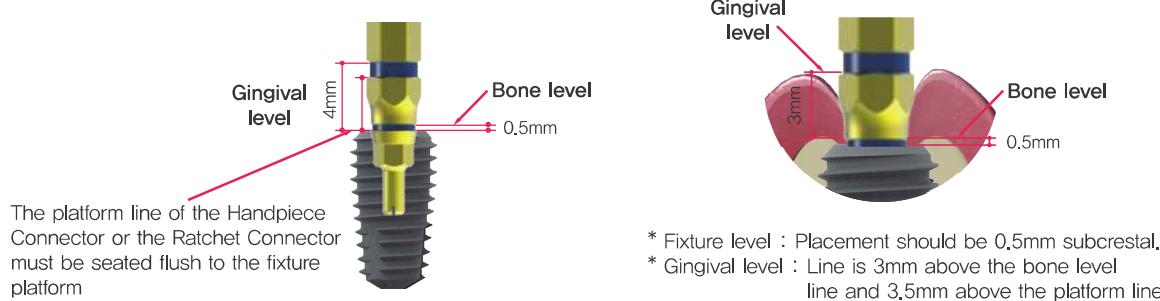


Dense Drill

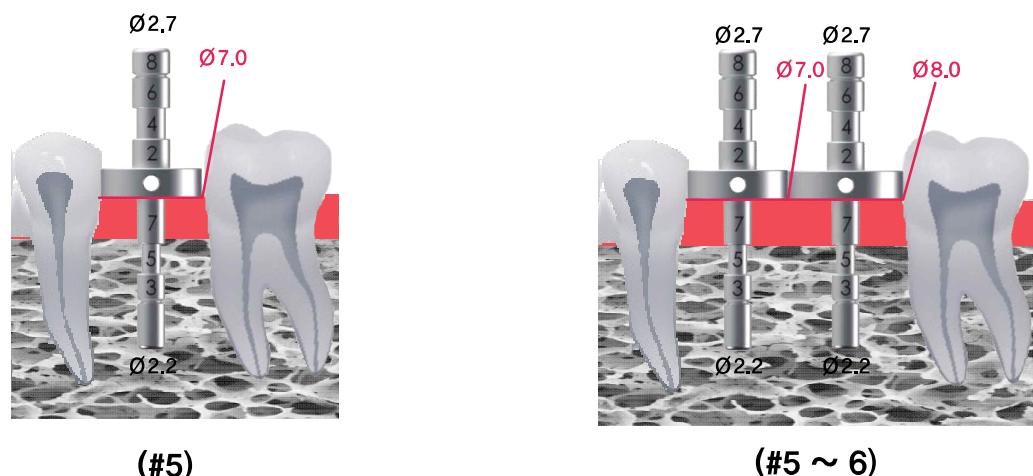
- To control initial stability in Dense bone(type I & II)
use the Dense drill to remove and shape the cortical bone.



Handpiece & Ratchet Connector



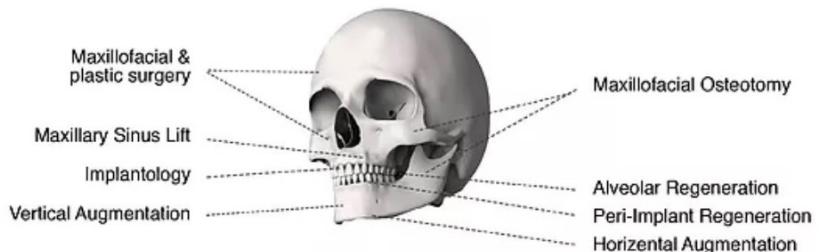
Parallel Pin





Medibrex

Wskazania



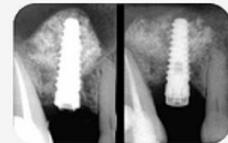
Brak membrany

Nie ma konieczności stosowania membrany, ze względu na jej właściwości fizyczne i mechaniczne .



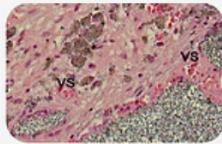
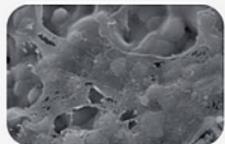
Łatwa obsługa

teebone® jest bardzo hydrofilowy, co zapewnia doskonałą spójność pomiędzy cząsteczkami.



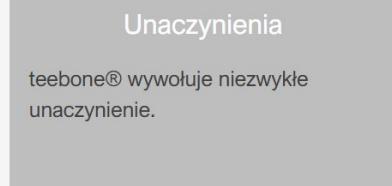
Całkowita resorpcaja

teebone® zostaje zastąpiony nową żywą kością w ciągu 6 -24 miesięcy.



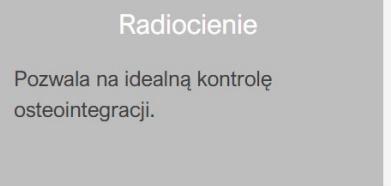
Bezpieczeństwo

100% syntetyczny i 100% resorbowały



Unaczynienia

teebone® wywołuje niezwykle unaczynienie.



Radiocienie

Pozwala na idealną kontrolę osteointegracji.

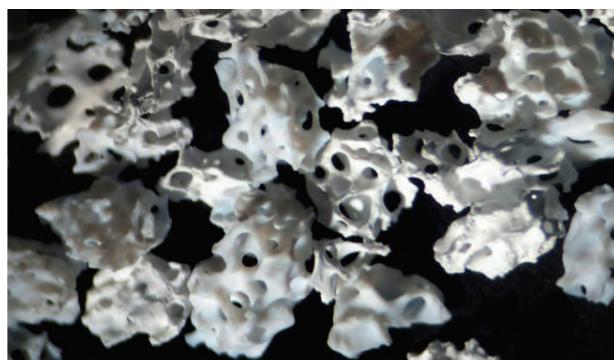


CE 1023
ISO 13485



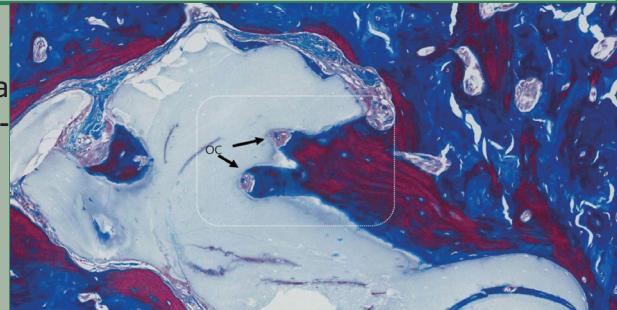
Materiał kościozastepczy Ti-oss® to naturalny substytut pochodzenia wołowego, wykonany w 100% z kości gąbczastej.

Innowacyjna technika pulweryzacji umożliwia uzyskanie wieloporowej struktury, przyspieszając wnikaniu naczyń krwionośnych i komórek. Proces ten pozwala również na uzyskanie zwiększonej objętość produktu, gdzie przy gramaturze 0,5g otrzymujemy do 1,5 cm³ biomateriału.

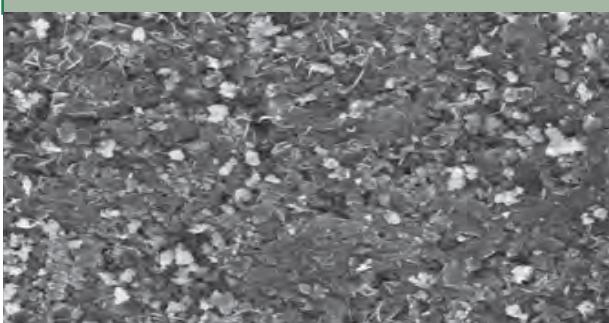


Wieloporowość Ti-oss® pozwala na maksymalizację procesu angiogenicznego, co sprzyja szybkiemu wnikaniu naczyń krwionośnych i komórek, który jest krytyczny w pierwszych 2 tygodniach etapu gojenia się kości. Osteoblast, tlen, substancje odżywcze nie mogą być dostarczone do przeszczepu bez naczyń krwionośnych. Ti-oss® gwarantuje maksymalną rewaskularyzację (prawidłowe krążenie) do przeszczepu, co prowadzi do intensywnego tworzenia kości.

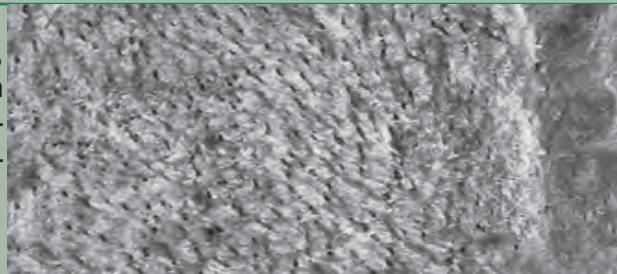
Analiza histologiczna wykazuje nowo wytworzone naczynia krwionośne i integrację nowej kości w miejscu ubytku kostnego już po 8 tygodniach od czasu agumentacji.

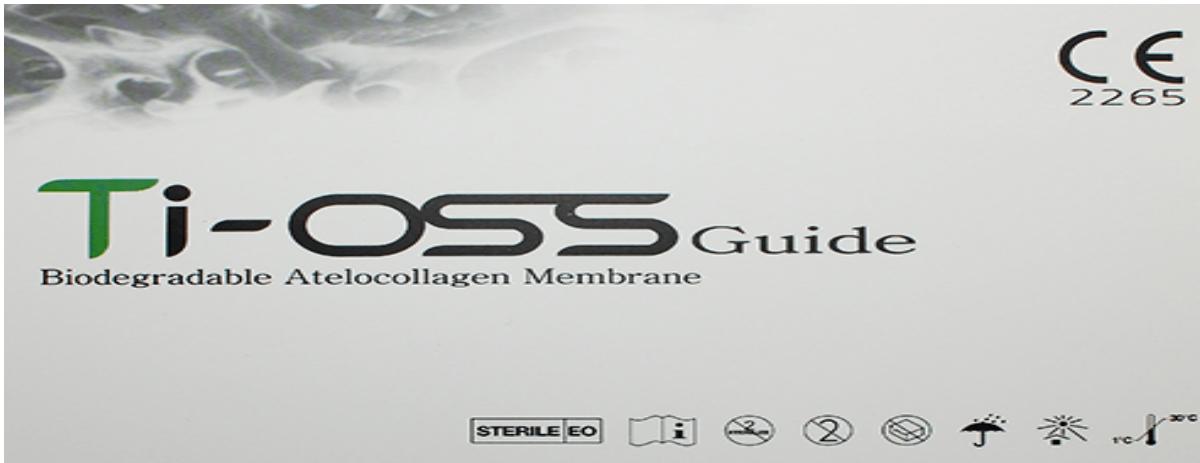


Na powierzchni Ti-oss® znajdują się kryształy fosforu oktawapniowego, co również sprzyja szybszemu tworzeniu się kości.



Technika obróbki niskotemperaturowej umożliwia idealną, naturalną topografię powierzchni, taką samą jak ludzka kość, stymulując aktywności osteoblastów. Zjawisko witryfikacji (szklenia powierzchni) spowodowane procesem wysokotemperaturowym, zostało całkowicie opanowane.

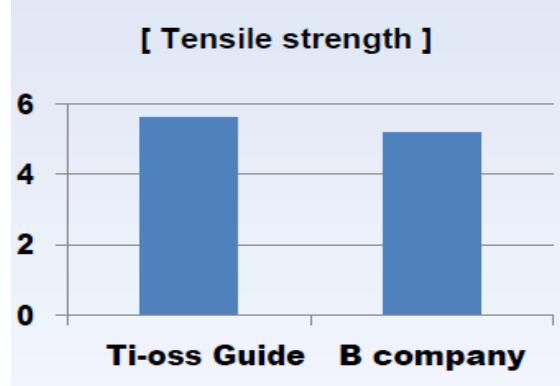




Ti-oss Guide - membrana kolagenowa 15x30 mm

Ti-oss Guide® jest wchłanialną membraną składającą się w 99,83% z wysokiej czystości Atelo-kolagenu medycznego typu I pochodzenia wołowego. Przeznaczona do zabiegów regeneracji przeszczepów. Posiada biokompatybilność komórkową oraz zapewnia utrzymanie przestrzeni. Biodegradacja następuje w okresie **3 - 6 miesięcy**.

	<p>Atelo-kolagen</p> <p>Kolagen zwiększający biokompatybilność poprzez usunięcie telopeptydu, który posiada najwyższą antygenowość w cząsteczce kolagenu naturalnego. Zapewnia biokompatybilność, niską antygenowość, jest niezakaźny, nieimmunogenny, hemostaza następuje poprzez promowanie agregacji płytek.</p>
	<p>Ti-oss Guide® charakteryzuje się dużą wytrzymałością na rozciąganie co zostało potwierdzone w badaniach w porównaniu do podobnych produktów dostępnych na rynku. Dwuwarstwowa struktura zapewnia natomiast doskonałe utrzymanie przestrzeni.</p>





50, Choemdan venture so-ro 37beon-gil, Buk-gu, Gwangju, 61003, Korea
Tel +82-1670-6050 | Fax +82-62-971-0185 | E-mail sales@kuwotech.com | Web www.kuwotech.com