

Leadoss Implant System

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Hangzhou Minsheng Lide Medical Science & Technology Co., Ltd.

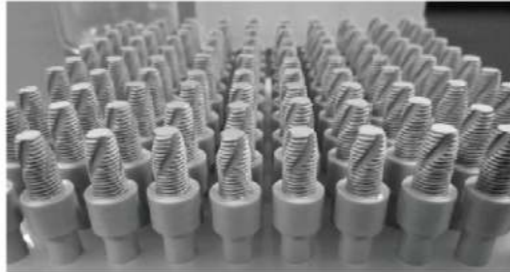
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Company Introduction

About LeadOss	2
Advanced Implant Technology	4
Patented Design	5
LeadOss Dental Implant System	6

Company Introduction



BL Implant System

BL Implant System Diagram	11
BL Surgical Components	13
BL Prosthetic Components	14
BL Lab. Components	18
BL Prosthetic Components	22
BL Prosthetic Components	26

BL Implant System



TL Implant System

TL Implant System Diagram	37
TL Surgical Components	39
TL Prosthetic Components	40
TL Lab. Components	44
TL Prosthetic Components	45
TL Prosthetic Components	50

TL Implant System



Surgical Kit & Instruments

Surgical Kit	63
Instruments	65
Drill Protocols	71
	78

Surgical Kit



Qualification Certificates

	79
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Qualification Certificates

International Patented Design

LeadOss implant system adheres to innovation-oriented, We possess Sino-Korean implant system design patents, and advanced SLA surface treatment technology, approved by CE, FDA, ISO13485, Also we do our best to ensure developing for physical property, bio-osseointegration.

International R&D Cooperation

With rich experience in researching and developing the technology of implant system, We have been working closely with outstanding international dentists and technicians. Perfectly combining rich scientific research and clinical experience with cutting-edge processes and technologies in implant manufacturing. We use sophisticated and innovative technology and continuous improvement in quality to maintain the stability of tissues, ensure natural and lasting dental aesthetics, and perfectly present our R&D concept of "Leading in Osseointegration", making the oral implant process more simple and predictable.



Philosophy:

We contribute to enhancing customer's quality of life through lasting technology and safety



Vision:

To be the reliable world leader in dental implant industry

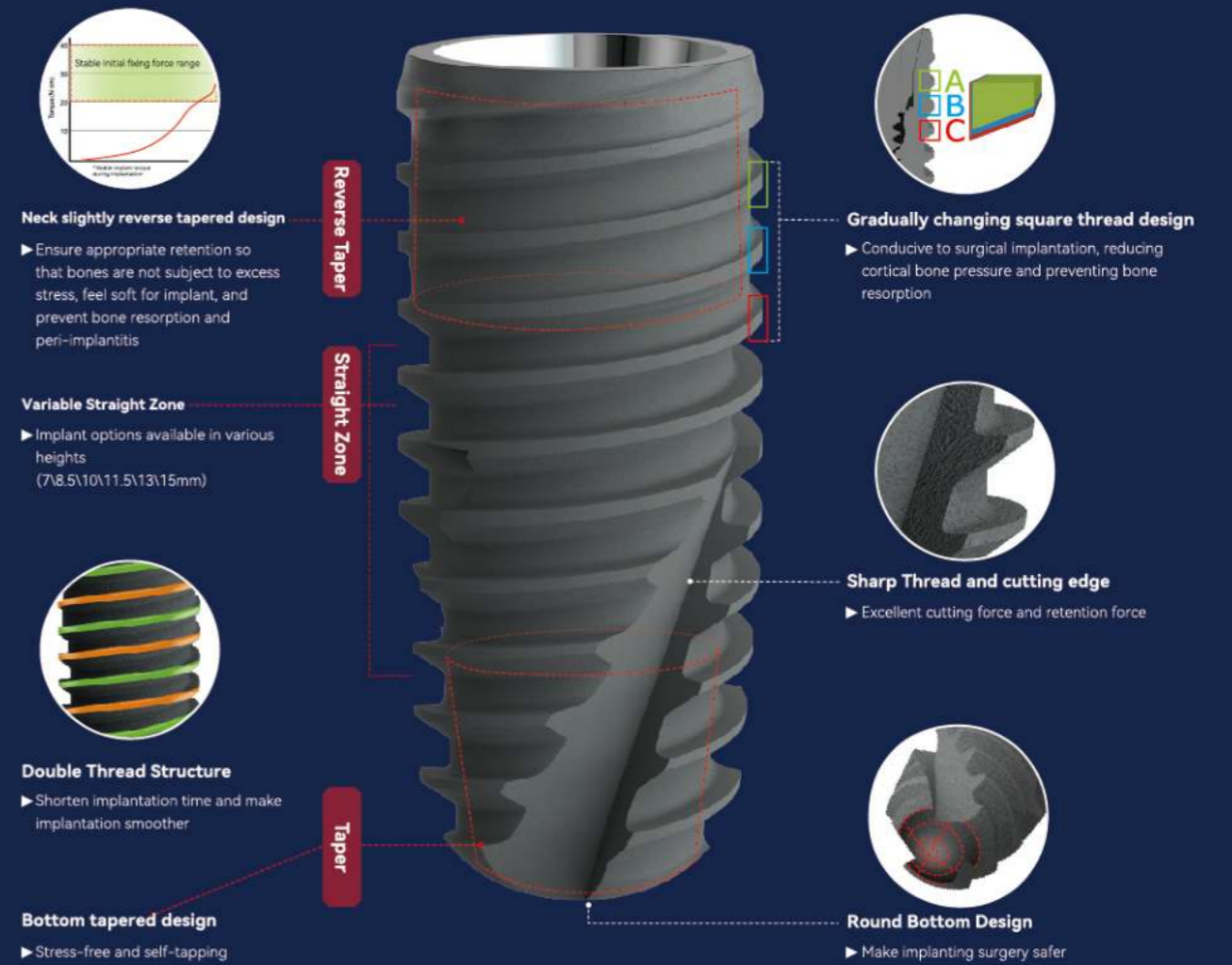


Core Value:

Innovative R&D, best quality, customer satisfaction, trust, health, safety

Hangzhou Minsheng Lide Medical Technology Co., Ltd.

Hangzhou Minsheng Lide Medical Technology Co., Ltd. is a Sino-Korea joint venture manufacturer between Hangzhou Minsheng Pharma Holding Group Co., Ltd. and Korea Dain Dental Group Co.,Ltd., equipped with world-class laboratory equipment and testing machines, focus on researching and developing the manufacturing of dental implant system, adopting strict service standards, satisfying dentist and patients.



We only use the most reliable materials to make the quality implants in the world. Also we do our best to ensure developing for physical property, bio-osseointegration, and SLA surface treatment. Our BL & TL implant systems provide dentists and patients more choices and more convenience.

◆ We possess a patented design: Reverse taper + Straight + Taper.

The emergence profile design is for protecting soft tissue and preventing bone loss.

◆ We own sophisticated manufacturing equipments and produce high-precision products. We also own world-class laboratory equipment and test machines to ensure that our product quality ranks a top in the world.

◆ LeadOss SLA surface treatment encourages faster osseointegration on the initial healing period after implant placement and reach to the effect of immediate functional loading.

The surface of LeadOss implant is divided into two sections with different roughness to prevent peri-implantitis: the average roughness of the surface on the top neck connection is 0.5~1.0 μ m, and the average surface roughness applied on the body below the top neck connection to achieve the optimal effect of osseointegration is Ra=2.5 \pm 0.2 μ m.

→ More than 30 steps of the production processes to achieve perfect effect

→ Through 5 steps-test to ensure the safety of surface treatment

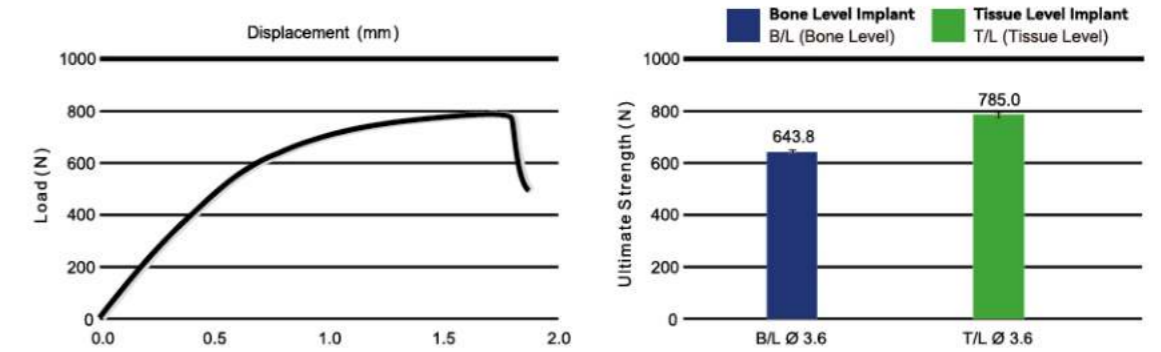
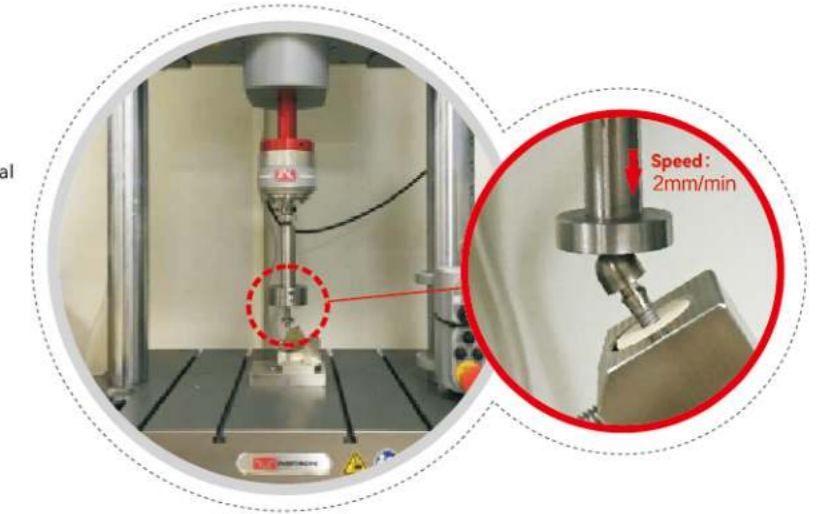
	Bone Level Implant	Tissue Level Implant
Conical Connection Angle	11°	8°
Type	 Hexagon	 Octagon
Patent Point	Reverse taper + Straight + Taper: The emergence profile design is for protecting soft tissue and preventing bone loss	

Mechanical Test

◆ Ultimate Strength Test

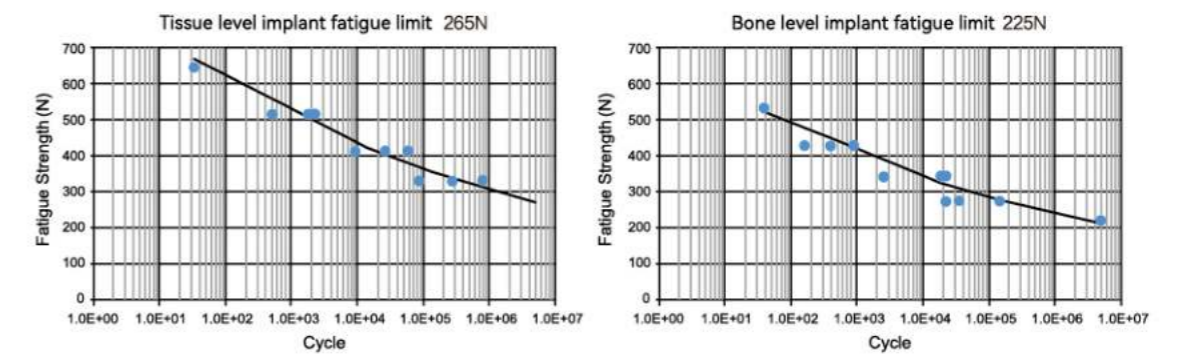
Test Standard : ISO 14801

Test Equipment : Universal material testing machine (ElectroPuls E3000, Instron, UK)

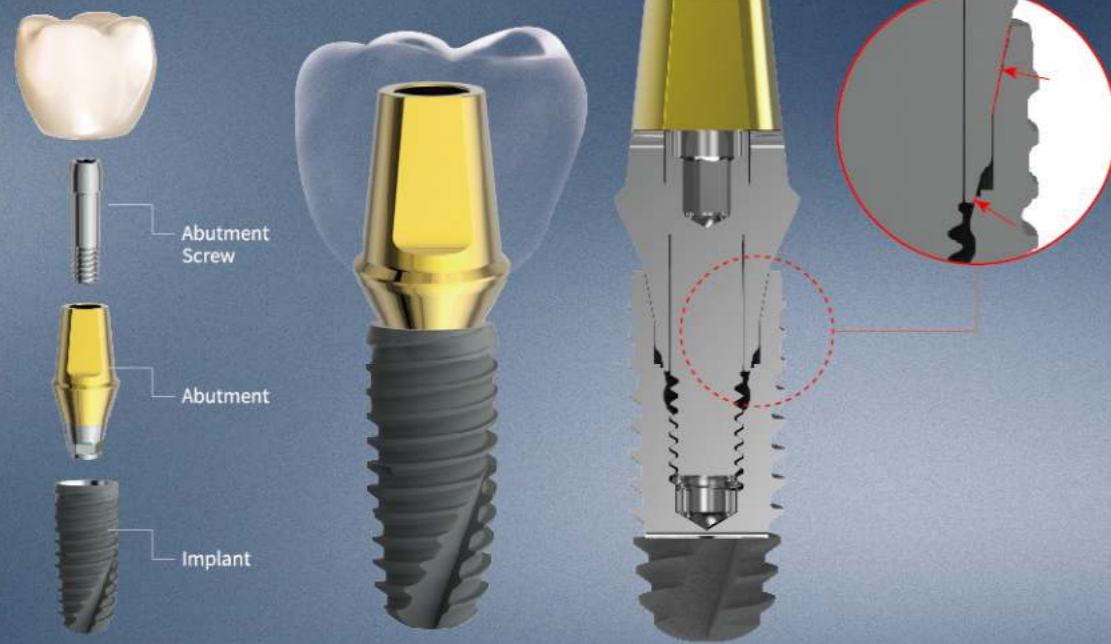


◆ Fatigue Test

Dental Implant System	Diameter Of Implant	Fatigue Limit
Bone Level Implant	Ø 3.6	225N
Tissue Level Implant	Ø 3.6	265N

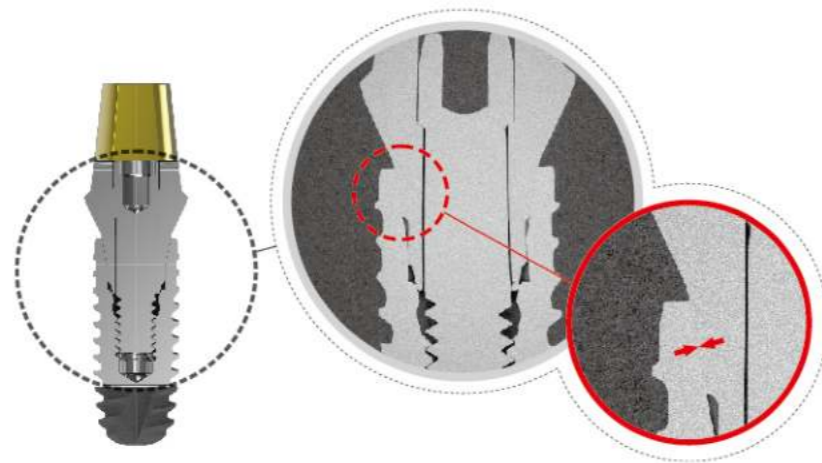


The two-point connection design between the implant and the abutment ensures precise fit between the two parts and ensures long-term clinical stability.



The average micro-gap between implant & abutment on polished micrograph sections: <math><1.0\mu\text{m}</math>

The manufacturing accuracy of every implant & every abutment is <math><1.0\mu\text{m}</math>, which ensures the precise matching and sealability between implant and abutment



LeadOss SLA Surface Treatment

Implant surface treatment was developed to reduce the healing time for patients who lost teeth, SLA (Sand blasted with Large grit and Acid etched) refers to increasing the surface area of the product by increasing the surface roughness of the product in order to shorten the bone healing time, which has been proven to achieve significant results. This treatment method has been used in clinical practice since it was developed by overseas researchers 20 years ago. The implant with SLA surface has a highly predictable success rate as demonstrated in long-term clinical study.

LeadOss SLA surface implants encourages faster osseointegration on the initial healing period after implant placement and reaches to the effect of immediate functional loading. Furthermore, it focuses more on the stability in implantation. Through years of research and development, LeadOss SLA surface treatment has the most advanced surface roughness and uniform surface morphology. Verification of cleaning process is checked timely to ensure the safety and reliability of the implant surface.

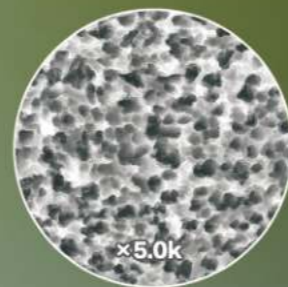
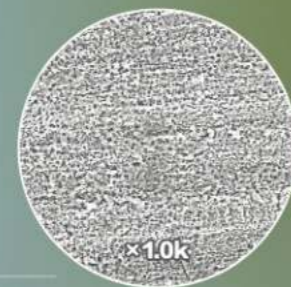
◆ SEM (Analysis of SLA surface by scanning electron microscopy)

Dual roughness SLA surface for peri-implantitis prevention



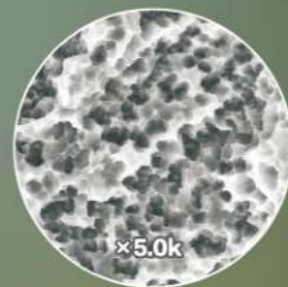
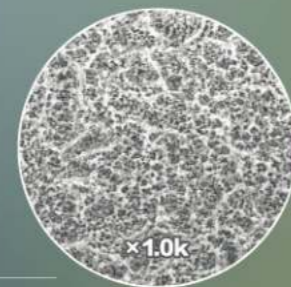
Surface average roughness is 0.5~1.0µm

- ▶ Prevent dental plaque and bacteria breed
- ▶ Prevent peri-implantitis
- ▶ Reduce bone loss



Surface average roughness is 2.5±0.2µm

- ▶ Help osseointegration
- ▶ More than 30 steps of the production processes to achieve perfect effect
- ▶ Through 5 steps-test to ensure the safety of surface treatment.

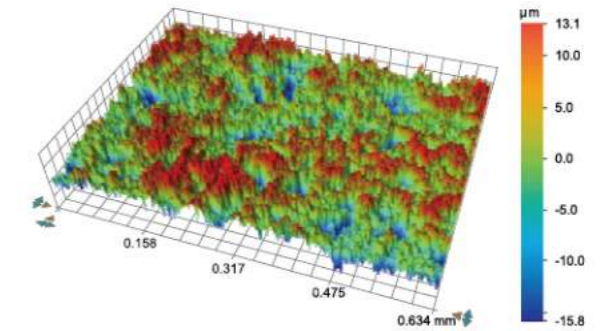


◆ ROUGHNESS

Test Equipment: 3D Interactive Display
Wyko NT8000, Veeco, USA

Standard	ISO1997	N	3	Ra	2.75µm
Profile	R	Cut-off	0.8mm	Rz	19.7µm
Range	800µm	Filter	GAUSS	Rt	274µm

- ▶ Use the special sand blasting technology to form the uniform rough surface
- ▶ The average surface roughness applied on the body below the top neck connection to achieve the optimal effect of osseointegration is Ra=2.5±0.2µm
- ▶ The best SLA treatment achieves the microscopic appearance of the implant surface

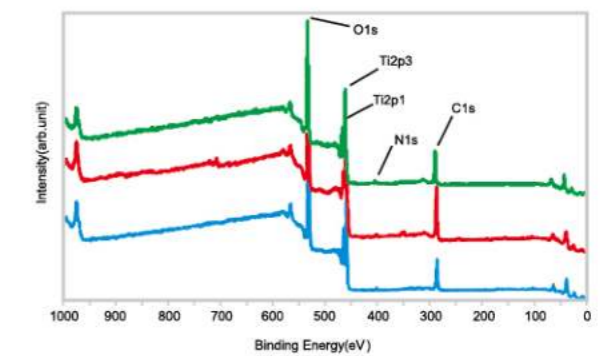


◆ XPS

Test Equipment: Electron Spectroscopy for
Chemical Analyzer
VG Multilab 2000, England

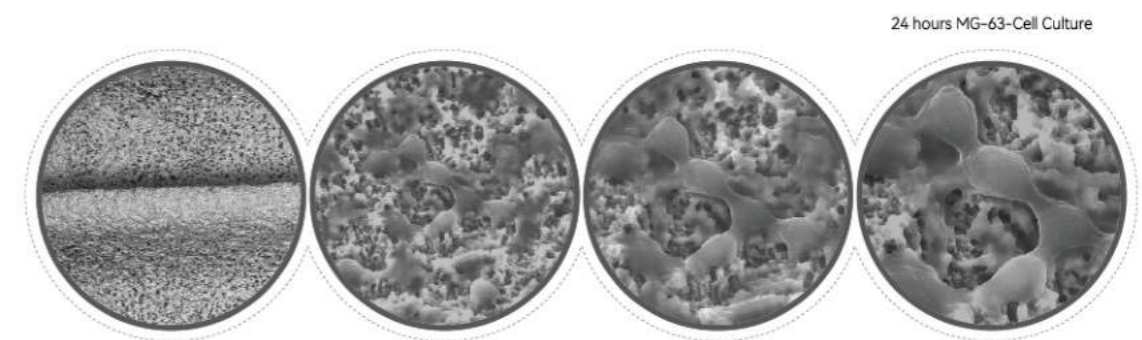
	C	N	O	Ti	P	Cl	Al	S
LeadOss	28.56	1.64	52.61	15.74	0.00	0.00	0.00	0.00
Company O	41.55	0.84	46.61	9.35	0.00	0.00	0.00	0.00
Company S	39.71	1.34	45.76	13.19	0.00	0.00	0.00	0.00

- ▶ The implant surface residue analysis
- ▶ No other components except O, Ti, C & N were detected by surface residual analysis
- ▶ More than 30 steps of production processes to guarantee the implant surface cleanliness and safety



◆ CELL ATTACHMENT

Experiment name: Cell attachment experiment using osteoblasts (MG-63 cells)
Test Equipment: SEM (Scanning Electron Microscope)



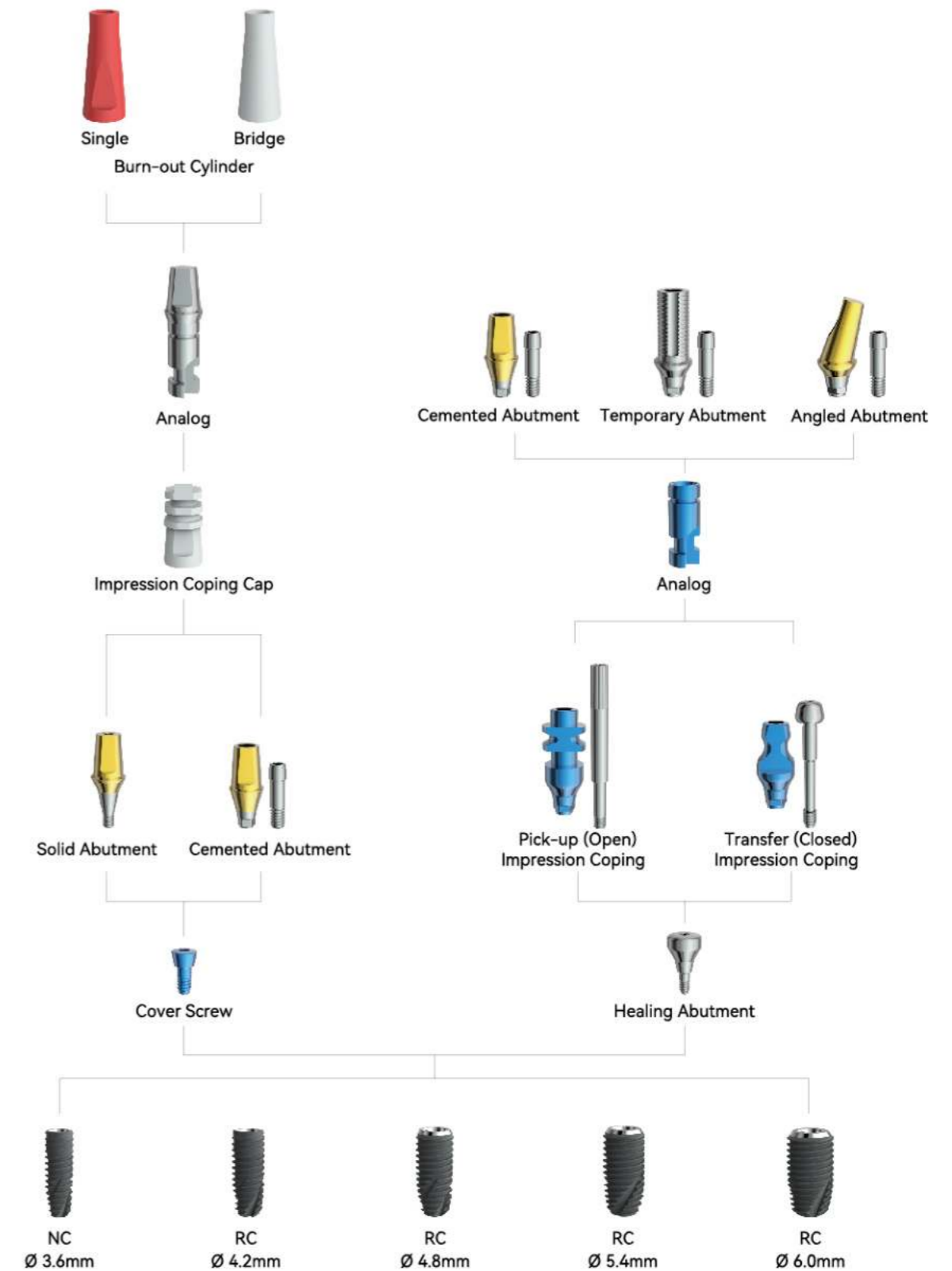
BL Implant System



BL Implant System Diagram

Catalog

BL Implant System Diagram	13
BL Surgical Components	14
Implant (NC, RC)	14
Mount (NC, RC)	16
Cover Screw (NC, RC)	16
Healing Abutment (NC, RC)	17
BL Prosthetic Components	18
Final Restoration — Solid Abutment (NC, RC)	18
Final Restoration — Cemented Abutment (NC, RC)	20
BL Lab. Components	22
Abutment Level	22
Impression Coping Cap	22
Solid Lab. Analog	22
Burn-out Cylinder (Single, Bridge)	22
Implant Level	23
Implant Lab. Analog (NC, RC)	23
Pick-up Impression Coping (NC, RC)	23
Transfer Impression Coping (NC, RC)	24
Final Restoration — Angled Abutment (NC, RC)	26
Final Restoration (Modified Abutment) — Milling Abutment (NC, RC)	28
Final Restoration — Temporary Abutment (NC, RC)	30
Final Restoration (CAD/CAM Abutment) — Link Abutment (NC, RC)	32
Final Restoration (CAD/CAM Abutment) — Profile Abutment (NC, RC)	33
Overdenture Restoration — Retention Abutment (NC, RC)	35





Cover Screw



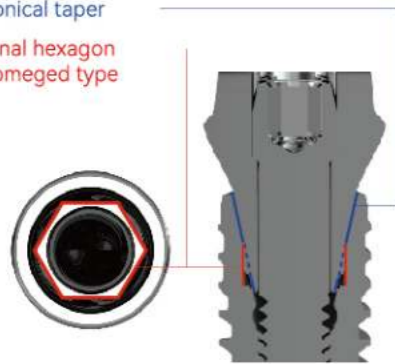
BCSN



BCSR

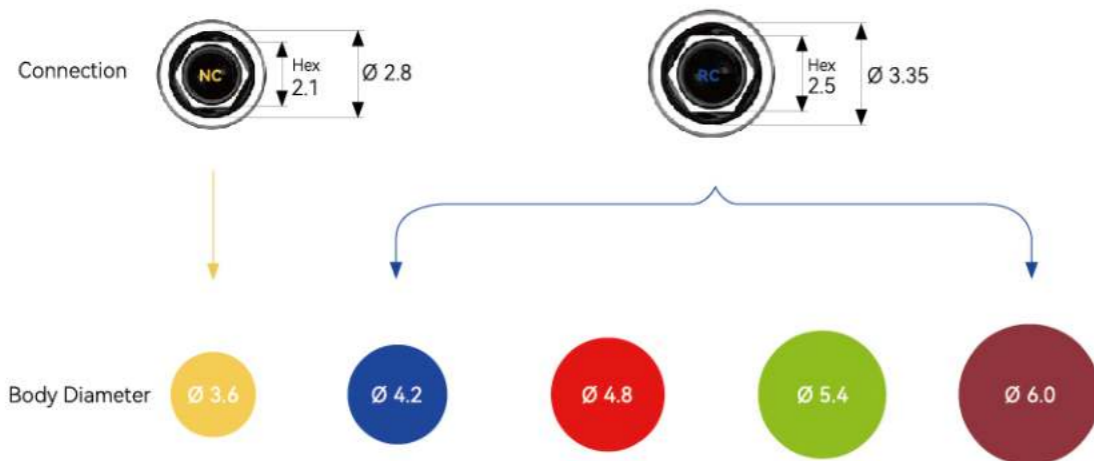
Features

- Material: Ti Gr 4 (TA4)
- 11° Conical taper
- Internal hexagon & submerged type



- Patented Thread Design: Reverse taper + straight + taper design
- Sand blasted with Large grit and Acid etched
- Mount driver, 1.2 hex driver & BL implant driver
- Recommended maximum torque:
 - N** Narrow Connection: 35Ncm
 - R** Regular Connection: 35Ncm
- Sterilized packaging: Implant + Mount + Cover screw, γ - Sterilization

Color coding according to the implant diameter



N						
	70	8.5	10	11.5	13	15
Diameter	\varnothing 3.6					
	BN3607	BN3608	BN3610	BN3611	BN3613	BN3615

R						
Length	70	8.5	10	11.5	13	15
Diameter	\varnothing 4.2					
	BR4207	BR4208	BR4210	BR4211	BR4213	BR4215

R						
Length	70	8.5	10	11.5	13	15
Diameter	\varnothing 4.8					
	BR4807	BR4808	BR4810	BR4811	BR4813	BR4815

R					
Length	70	8.5	10	11.5	13
Diameter	\varnothing 5.4				
	BR5407	BR5408	BR5410	BR5411	BR5413

R					
Length	70	8.5	10	11.5	13
Diameter	\varnothing 6.0				
	BR6007	BR6008	BR6010	BR6011	BR6013

Note: \varnothing 3.6/ \varnothing 4.2 are recommended for use in the anterior teeth area. In order to prevent gum recession from affecting the appearance, these two types of diameter implants do not have smooth collars.

Mount & Cover Screw



Mount

- Material: Ti Gr 5 (TC4ELI)
- Mount Driver & 1.2 Hex Driver
- Recommended maximum tightening torque :
N Narrow Connection: 8~10Ncm **R** Regular Connection: 8~10Ncm

N	R
	
BMTBN	BMTBR

Cover Screw

- Material : Ti Gr 4 (TA4)
- 1.2 Hex Driver
- Recommended maximum tightening torque :
N Narrow Connection: 8~10Ncm **R** Regular Connection: 8~10Ncm





N	R
	
BCSN	BCSR

Healing Abutment



Features

- Used for gingival forming
- Material: Ti Gr 4 (TA4)
- 1.2 Hex Driver
- Recommended maximum tightening torque:
N Narrow Connection: 8~10Ncm **R** Regular Connection: 8~10Ncm
- Sterilized packaging: γ - Sterilization
- * Every healing abutment real diameter is 0.5mm wider than impression copings & abutments, because it is to prevent tissue shrinkage.

N	3.0	4.0	5.0	7.0
				
Diameter	BHN403	BHN404	BHN405	BHN407
Ø 4.0	BHN453	BHN454	BHN455	BHN457
Ø 4.5				

R	3.0	4.0	5.0	7.0
Height	3.0	4.0	5.0	7.0
				
Diameter	BHR403	BHR404	BHR405	BHR407
Ø 4.0	BHR453	BHR454	BHR455	BHR457
Ø 4.5	BHR503	BHR504	BHR505	BHR507
Ø 5.0	BHR603	BHR604	BHR605	
Ø 6.0	BHR703	BHR704	BHR705	
Ø 7.0				

Final Restoration — Solid Abutment



Features

- Cement retained restoration
- Material: Ti Gr 5 (TC4ELI)
- TiN Coating: For Aesthetic
- Abutment level impression



- 1.2 Hex Driver
- Recommended maximum tightening torque:
N **Narrow Connection:** 20Ncm R **Regular Connection:** 30Ncm
- Non-sterilized packaging

Final Restoration — Solid Abutment



		N						
		G/H	1.0	2.0	3.0	4.0	5.0	
Diameter	H							
		Ø 4.0	4.0	BSN4014	BSN4024	BSN4034	BSN4044	
		5.5	BSN4015	BSN4025	BSN4035	BSN4045		
Ø 4.5	7.0	BSN4017	BSN4027	BSN4037	BSN4047			
	4.0	BSN4514	BSN4524	BSN4534	BSN4544	BSN4554		
	5.5	BSN4515	BSN4525	BSN4535	BSN4545	BSN4555		
	7.0	BSN4517	BSN4527	BSN4537	BSN4547	BSN4557		

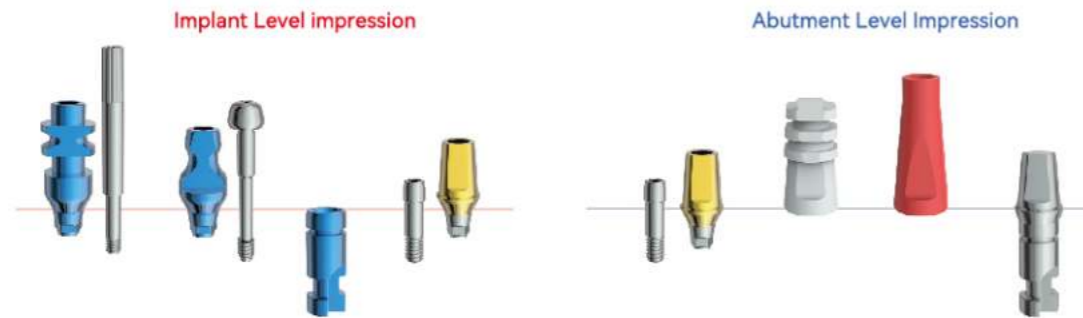
		R						
		G/H	1.0	2.0	3.0	4.0	5.0	
Diameter	H							
		Ø 4.0	4.0	BSR4014	BSR4024	BSR4034	BSR4044	
		5.5	BSR4015	BSR4025	BSR4035	BSR4045		
Ø 4.5	7.0	BSR4017	BSR4027	BSR4037				
	4.0	BSR4514	BSR4524	BSR4534	BSR4544	BSR4554		
	5.5	BSR4515	BSR4525	BSR4535	BSR4545	BSR4555		
	7.0	BSR4517	BSR4527	BSR4537	BSR4547	BSR4557		
Ø 5.0	4.0	BSR5014	BSR5024	BSR5034	BSR5044	BSR5054		
	5.5	BSR5015	BSR5025	BSR5035	BSR5045	BSR5055		
	7.0	BSR5017	BSR5027	BSR5037	BSR5047	BSR5057		
Ø 6.0	4.0	BSR6014	BSR6024	BSR6034	BSR6044	BSR6054		
	5.5	BSR6015	BSR6025	BSR6035	BSR6045	BSR6055		
Ø 7.0	5.5	BSR7015	BSR7025	BSR7035	BSR7045	BSR7055		

Final Restoration — Cemented Abutment



Features

- Cement or combine retained restoration
- Material: Ti Gr 5 (TC4ELI)
- TiN Coating: For Aesthetic
- Implant & abutment level impression



- 1.2 Hex Driver
- Recommended maximum tightening torque:
 - N** Narrow Connection: 20Ncm
 - R** Regular Connection: 30Ncm
- Non-sterilized packaging: Abutment + Screw

N Screw : BASN

Hex	G/H	1.0	2.0	3.0	4.0	5.0
Diameter Ø 4.5	H 4.0	BCN4514H	BCN4524H	BCN4534H	BCN4544H	BCN4554H
	5.5	BCN4515H	BCN4525H	BCN4535H	BCN4545H	BCN4555H
	7.0	BCN4517H	BCN4527H	BCN4537H	BCN4547H	BCN4557H

Final Restoration — Cemented Abutment



Non-Hex	G/H	1.0	2.0	3.0	4.0	5.0
Diameter Ø 4.5	H 4.0	BCN4514	BCN4524	BCN4534	BCN4544	BCN4554
	5.5	BCN4515	BCN4525	BCN4535	BCN4545	BCN4555
	7.0	BCN4517	BCN4527	BCN4537	BCN4547	BCN4557

R Screw: BASR

Hex	G/H	1.0	2.0	3.0	4.0	5.0
Diameter Ø 4.5	H 4.0	BCR4514H	BCR4524H	BCR4534H	BCR4544H	BCR4554H
	5.5	BCR4515H	BCR4525H	BCR4535H	BCR4545H	BCR4555H
	7.0	BCR4517H	BCR4527H	BCR4537H	BCR4547H	BCR4557H
Ø 5.0	4.0	BCR5014H	BCR5024H	BCR5034H	BCR5044H	BCR5054H
	5.5	BCR5015H	BCR5025H	BCR5035H	BCR5045H	BCR5055H
	7.0	BCR5017H	BCR5027H	BCR5037H	BCR5047H	BCR5057H
Ø 6.0	4.0	BCR6014H	BCR6024H	BCR6034H	BCR6044H	BCR6054H
	5.5	BCR6015H	BCR6025H	BCR6035H	BCR6045H	BCR6055H
	7.0	BCR7015H	BCR7025H	BCR7035H	BCR7045H	BCR7055H

Non-Hex	G/H	1.0	2.0	3.0	4.0	5.0
Diameter Ø 4.5	H 4.0	BCR4514	BCR4524	BCR4534	BCR4544	BCR4554
	5.5	BCR4515	BCR4525	BCR4535	BCR4545	BCR4555
	7.0	BCR4517	BCR4527	BCR4537	BCR4547	BCR4557
Ø 5.0	4.0	BCR5014	BCR5024	BCR5034	BCR5044	BCR5054
	5.5	BCR5015	BCR5025	BCR5035	BCR5045	BCR5055
	7.0	BCR5017	BCR5027	BCR5037	BCR5047	BCR5057
Ø 6.0	4.0	BCR6014	BCR6024	BCR6034	BCR6044	BCR6054
	5.5	BCR6015	BCR6025	BCR6035	BCR6045	BCR6055
	7.0	BCR7015	BCR7025	BCR7035	BCR7045	BCR7055

Abutment Level



Impression Coping Cap

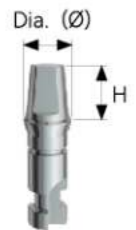
- Solid & Cemented Abutment
- Take a precise impressions
- Material: POM



Height	4.0	5.5	7.0
Diameter			
Ø 4.0	BICC404	BICC405	BICC407
Ø 4.5	BICC454	BICC455	BICC457
Ø 5.0	BICC504	BICC505	BICC507
Ø 6.0	BICC604	BICC605	
Ø 7.0		BICC705	

Solid Lab. Analog

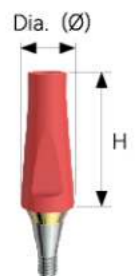
- Solid & Cemented Abutment
- Make aesthetic oral abutment on working model
- Material: Ti Gr 5 (TC4ELI)



Height	4.0	5.5	7.0
Diameter			
Ø 4.0	BSLA404	BSLA405	BSLA407
Ø 4.5	BSLA454	BSLA455	BSLA457
Ø 5.0	BSLA504	BSLA505	BSLA507
Ø 6.0	BSLA604	BSLA605	
Ø 7.0		BSLA705	

Burn-out Cylinder

- Solid & Cemented Abutment
- Use as a framework of prosthesis by connecting solid lab. analogs
- Material: POM



	Single	Bridge
Diameter		
Ø 4.0	BBC40S	BBC40B
Ø 4.5	BBC45S	BBC45B
Ø 5.0	BBC50S	BBC50B
Ø 6.0	BBC60S	BBC60B

Implant Level



Implant Lab. Analog

- Replicate Implant accurately on the model
- Material: Ti Gr 5 (TC4ELI)



BILAN36

BILAR42

Pick-up Impression Coping

- Impression using a customized tray
- 1.2 Hex Driver
- Packing unit: impression coping body + Guide pin
- Material: Ti Gr 5 (TC4ELI)



Hex

Short

Long



Diameter

Ø 4.0

BPICN40HS

BPICN40HL

Ø 4.5

BPICN45HS

BPICN45HL

Non-Hex

Short

Long



Diameter

Ø 4.0

BPICN40S

BPICN40L

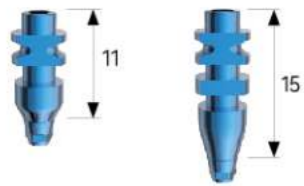
Ø 4.5

BPICN45S

BPICN45L

R

Hex Short Long



Diameter	Short	Long
Ø 4.0	BPICR40HS	BPICR40HL
Ø 4.5	BPICR45HS	BPICR45HL
Ø 5.0	BPICR50HS	BPICR50HL
Ø 6.0	BPICR60HS	BPICR60HL
Ø 7.0	BPICR70HS	BPICR70HL

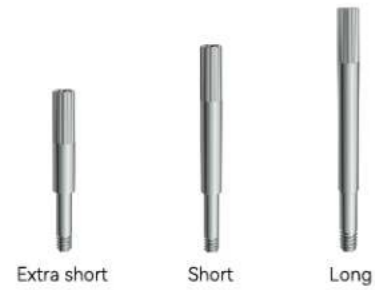
Non-Hex Short Long

Diameter	Short	Long
Ø 4.0	BPICR40S	BPICR40L
Ø 4.5	BPICR45S	BPICR45L
Ø 5.0	BPICR50S	BPICR50L
Ø 6.0	BPICR60S	BPICR60L
Ø 7.0	BPICR70S	BPICR70L

N

Hex Short Long

Diameter	Short	Long
Ø 4.0	BTICN40HS	BTICN40HL
Ø 4.5	BTICN45HS	BTICN45HL



N

BPICNP01 BPICNPS BPICNPL

R

BPICRP01 BPCRPS BPCRPL

Transfer Impression Coping

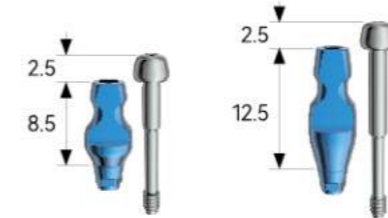
- Impression using a ready-made tray
- 1.2 Hex Driver
- Hex type is a two-piece Impression coping body + screw
- Packaging unit: impression coping body + screw
- Non-hex type is an one-piece
- Material: Ti Gr 5 (TC4ELI)

Non-Hex Short Long

Diameter	Short	Long
Ø 4.0	BTICN40S	BTICN40L
Ø 4.5	BTICN45S	BTICN45L

R

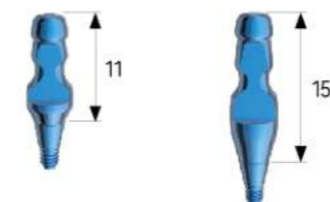
Hex Short Long



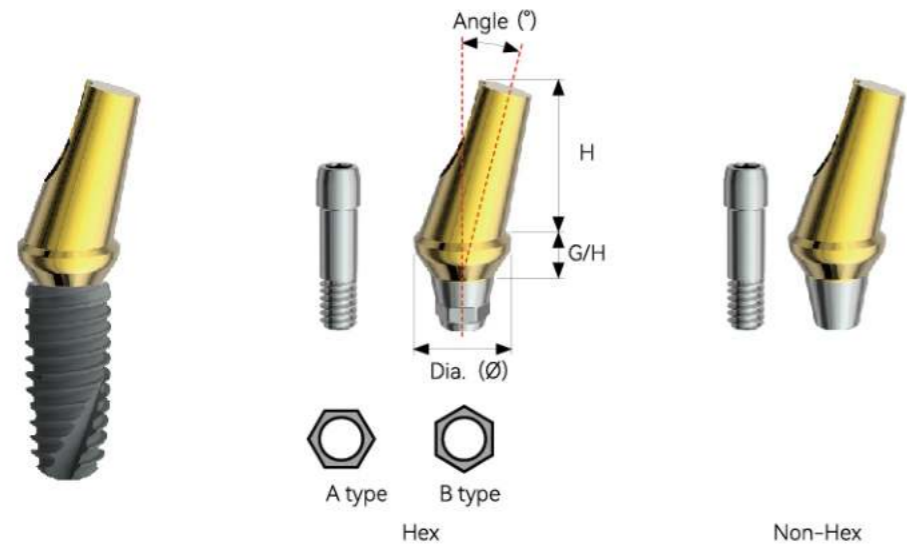
Diameter	Short	Long
Ø 4.0	BTICR40HS	BTICR40HL
Ø 4.5	BTICR45HS	BTICR45HL
Ø 5.0	BTICR50HS	BTICR50HL
Ø 6.0	BTICR60HS	BTICR60HL
Ø 7.0	BTICR70HS	BTICR70HL

Non-Hex Short Long

Diameter	Short	Long
Ø 4.0	BTICR40S	BTICR40L
Ø 4.5	BTICR45S	BTICR45L
Ø 5.0	BTICR50S	BTICR50L
Ø 6.0	BTICR60S	BTICR60L
Ø 7.0	BTICR70S	BTICR70L

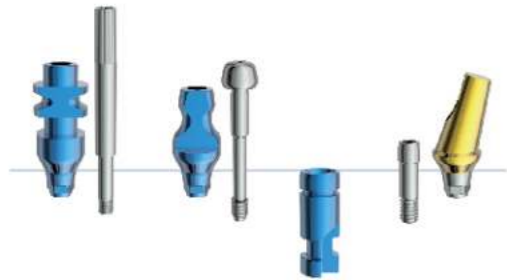


Final Restoration — Angled Abutment



Features

- Cement or combine retained restoration
- Material: Ti Gr 5 (TC4ELI)
- TiN Coating: For Aesthetic
- Angle: 15°/25°
- Implant level impression



- 1.2 Hex Driver
- Recommended maximum tightening torque:
 - N** Narrow connection: 20Ncm
 - R** Regular connection: 30Ncm
- Non-sterilized packaging: Abutment + Screw

Final Restoration — Angled Abutment



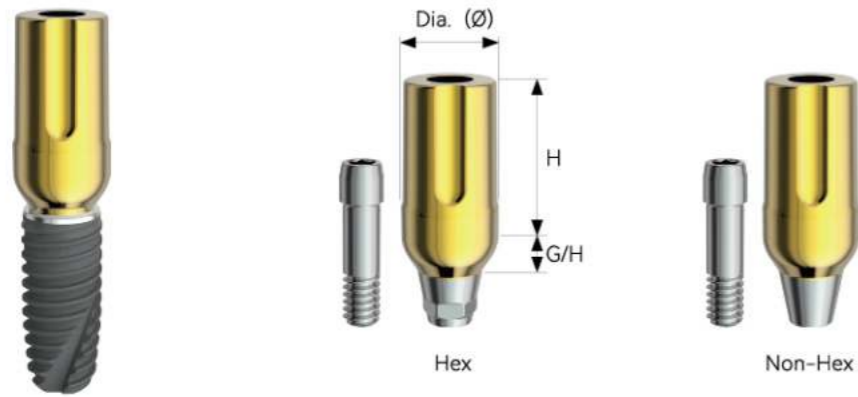
N Screw: BASN

Diameter	Angle	H	G/H	Hex/Type A	Hex/Type B	Non-Hex
Ø 4.5	15°	8.0	2.0	BAN45215A	BAN45215B	BAN45215
			4.0	BAN45415A	BAN45415B	BAN45415
	25°	7.0	2.0	BAN45225A	BAN45225B	BAN45225
			4.0	BAN45425A	BAN45425B	BAN45425

R Screw: BASR

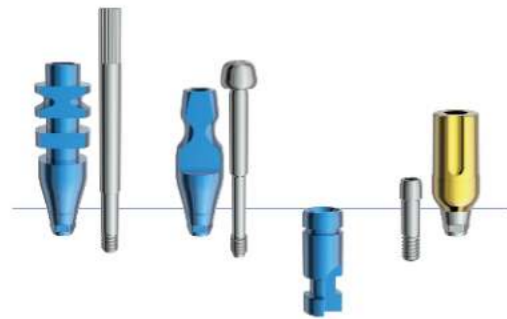
Diameter	Angle	H	G/H	Hex/Type A	Hex/Type B	Non-Hex
Ø 4.5	15°	8.0	2.0	BAR45215A	BAR45215B	BAR45215
			4.0	BAR45415A	BAR45415B	BAR45415
	25°	7.0	2.0	BAR45225A	BAR45225B	BAR45225
			4.0	BAR45425A	BAR45425B	BAR45425
Ø 5.0	15°	8.0	2.0	BAR50215A	BAR50215B	BAR50215
			4.0	BAR50415A	BAR50415B	BAR50415
	25°	7.0	2.0	BAR50225A	BAR50225B	BAR50225
			4.0	BAR50425A	BAR50425B	BAR50425

Final Restoration (Modified Abutment) — Milling Abutment



Features

- Cement or screw retained restoration
- Material: Ti Gr 5 (TC4ELI)
- TiN coating: For Aesthetic
- Implant level impression



- 1.2 Hex Driver
- Recommended maximum torque:
N **Narrow Connection:** 20Ncm R **Regular Connection:** 30Ncm
- Non-sterilized packaging: Abutment + Screw

Final Restoration (Modified Abutment) — Milling Abutment



N Screw: BASN

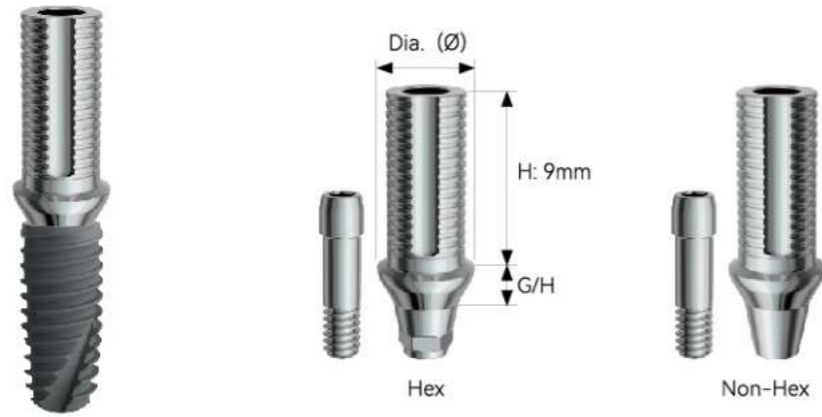
Hex	G/H	2.0	4.0
Diameter	H	BMN402H	BMN404H
Ø 4.0	8.0		

Non-Hex	G/H	2.0	4.0
Diameter	H	BMN402	BMN404
Ø 4.0	8.0		

R Screw: BASR

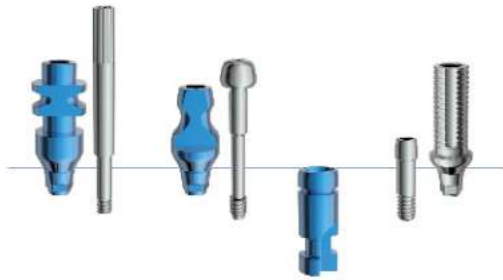
Hex	G/H	2.0	4.0
Diameter	H	BMR402H	BMR404H
Ø 4.0	8.0	BMR502H	BMR504H
Ø 5.0		BMR602H	BMR604H
Ø 6.0			

Non-Hex	G/H	2.0	4.0
Diameter	H	BMR402	BMR404
Ø 4.0	8.0	BMR502	BMR504
Ø 5.0		BMR602	BMR604
Ø 6.0			



Features

- Temporary restoration
- Material Ti Gr 4
- Implant level impression



- 1.2 Hex Driver
- Recommended maximum tightening torque:
 - N** Narrow connection: 20Ncm
 - R** Regular connection: 30Ncm
- Non-sterilized packaging: Abutment + Screw

N Screw : BASN

Hex	G/H	2.0	4.0
Diameter	H		
Ø 4.5	9.0	BTN452H	BTN454H

Non-Hex	G/H	2.0	4.0
Diameter	H		
Ø 4.5	9.0	BTN452	BTN454

R Screw : BASR

Hex	G/H	2.0	4.0
Diameter	H		
Ø 4.5	9.0	BTR452H	BTR454H
Ø 5.0		BTR502H	BTR504H

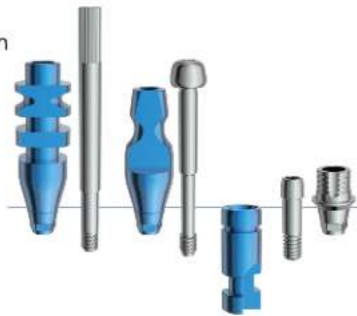
Non-Hex	G/H	2.0	4.0
Diameter	H		
Ø 4.5	9.0	BTR452	BTR454
Ø 5.0		BTR502	BTR504

Final Restoration (CAD/CAM Abutment) — Link Abutment



Features

- Cement or screw retained restoration
- Material: Ti Gr 5 (TC4ELI)
- CAD/CAM customized abutment
- Implant level impression



- 1.2 Hex Driver
- Recommended torque:
 - N** Narrow Connection: 20Ncm
 - R** Regular Connection: 30Ncm
- Non-sterilized packaging: Abutment + Screw

N Screw: BASN

Hex	H	3.0	5.0
Diameter	G/H		
Ø 4.0	1	BLN4013H	BLN4015H
Non-Hex	H	3.0	5.0
Diameter	G/H		
Ø 4.0	1	BLN4013	BLN4015

R Screw: BASR

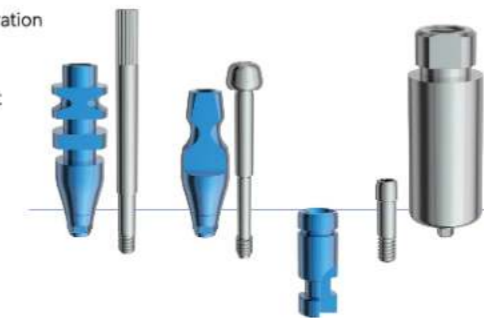
Hex	H	3.0	5.0
Diameter	G/H		
Ø 4.5	1	BLR4513H	BLR4515H
Non-Hex	H	3.0	5.0
Diameter	G/H		
Ø 4.5	1	BLR4513	BLR4515

Final Restoration (CAD/CAM Abutment) — Profile Abutment



Features

- Cement or screw retained restoration
- Material : Ti Gr 5 (TC4ELI)
- CAD/CAM customized abutment
- Implant level impression
- 1.2 Hex Driver



- Recommended maximum tightening torque:
 - N** Narrow Connection: 20Ncm
 - R** Regular Connection: 30Ncm
- Non-sterilized packaging: Abutment + Screw

N Screw: BASN

Hex	Type A	Type B
Diameter		
Ø 10.0	BPN10AH	BPN10BH

Non-Hex	Type A	Type B
Diameter		
Ø 10.0	BPN10A	BPN10B

Final Restoration (CAD/CAM Abutment) — Profile Abutment



R Screw: BASR

Hex	Type A	Type B
Diameter		
Ø 10.0	BPR10AH	BPR10BH
Ø 14.0	BPR14AH	BPR14BH

Non-Hex	Type A	Type B
Diameter		
Ø 10.0	BPR10A	BPR10B
Ø 14.0	BPR14A	BPR14B

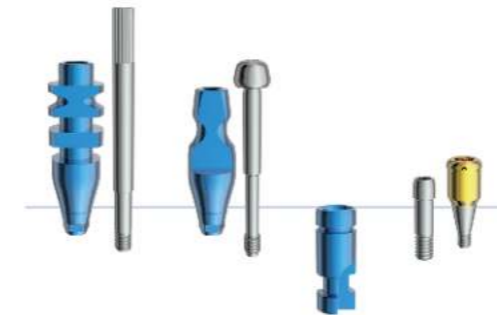
Overdenture Restoration — Retention Abutment



Features

- Overdenture restoration
- Material: Ti Gr 5 (TC4ELI)
- TiN coating: For Aesthetic
- Possible denture restorations even at small vertical dimension
- Accommodate up to 40° divergence between two implants
- Replacement males can be easily placed & removed with Locator core tool
- Implant level impression

- 1.2 Hex Driver
- Recommended maximum torque:
 - N** Narrow Connection: 20Ncm
 - R** Regular Connection: 30Ncm
- Non-sterilized packaging



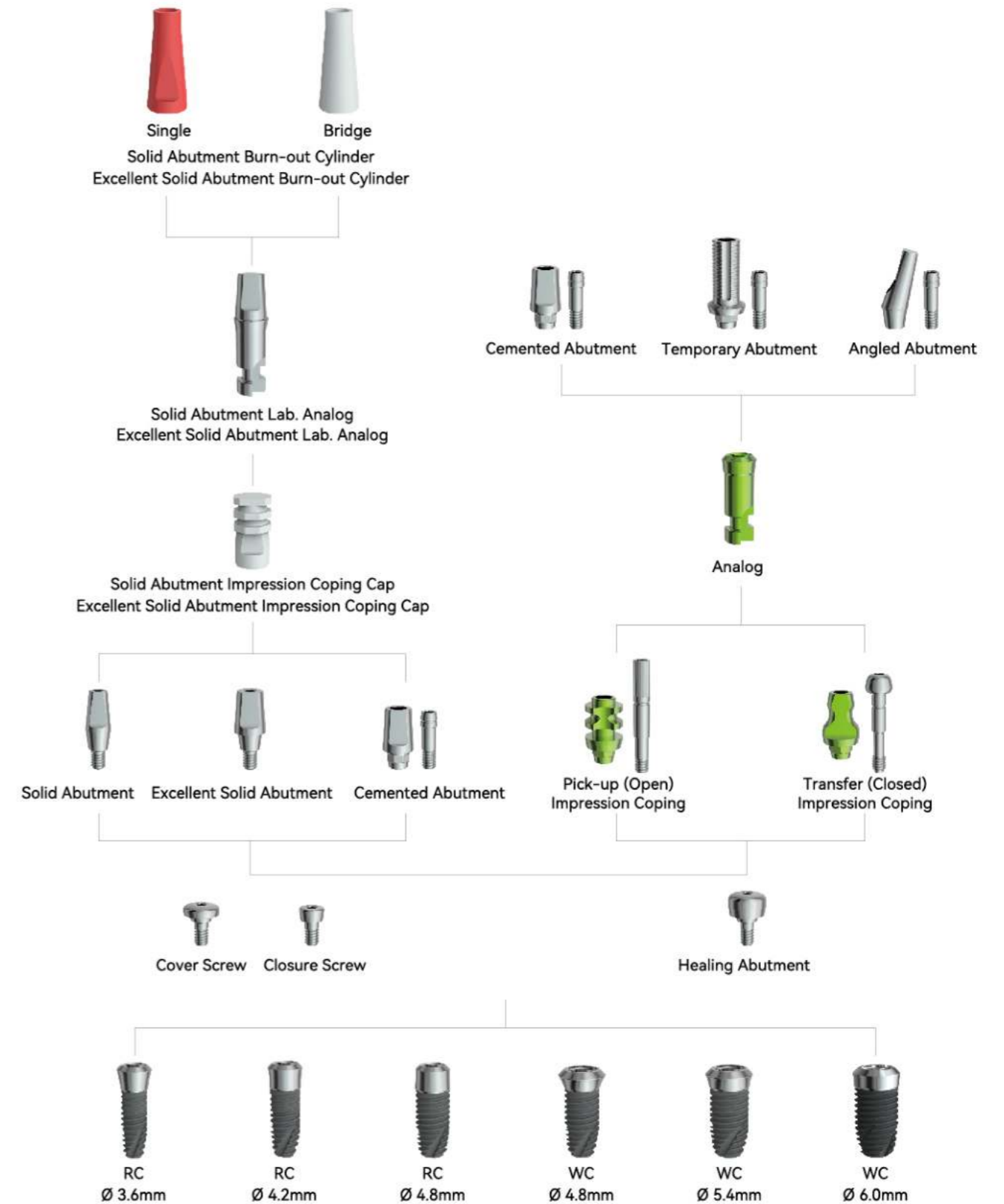
	N					
	G/H	1.0	2.0	3.0	4.0	5.0
Diameter						
Ø 3.7	BRN371	BRN372	BRN373	BRN374	BRN375	

	R					
	G/H	1.0	2.0	3.0	4.0	5.0
Diameter						
Ø 3.7	BRR371	BRR372	BRR373	BRR374	BRR375	

TL Implant System



TL Implant System Diagram



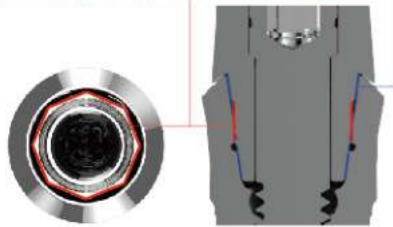
Catalog

TL Implant System Diagram		39
TL Surgical Components	Implant (RC, WC)	40
Mount		42
Cover Screw & Closure Screw (RC, WC)		42
Healing Abutment (RC, WC)		43
TL Prosthetic Components	Final Restoration — Solid Abutment (RC, WC)	44
TL Lab. Components	Abutment Level	45
Impression Coping/ Lab. Analog		45
Burn-out Cylinder (Single, Bridge) (RC, WC)		46
Impression Cap/ Shoulder Analog/ Shoulder Analog Pin (RC, WC)		46
Final Restoration — Excellent Solid Abutment (RC, WC)		47
TL Lab. Components	Abutment Level	48
Impression Coping / Lab. Analog		48
Burn-out Cylinder (Single, Bridge) (RC, WC)		49
Impression Cap/ Shoulder Analog/ Shoulder Analog Pin (RC, WC)		49
Final Restoration — Cemented Abutment (RC, WC)		50
TL Lab. Components	Abutment Level	51
Impression Coping / Lab. Analog		51
Burn-out Cylinder (Single, Bridge) (RC, WC)		52
Implant Level		53
Implant Lab. Analog (RC, WC)		53
Pick-up Impression Coping (RC, WC)		53
Transfer Impression Coping (RC, WC)		54
Final Restoration — Angled Abutment (RC, WC)		55
Final Restoration (Modified Abutment) — Milling Abutment (RC, WC)		56
Temporary Restoration — Temporary Abutment (RC, WC)		57
Final Restoration (CAD/ CAM Abutment) — Link Abutment (RC, WC)		58
Final Restoration (CAD/CAM Abutment) — Profile Abutment (RC, WC)		59
Overdenture Restoration — Retention Abutment		61



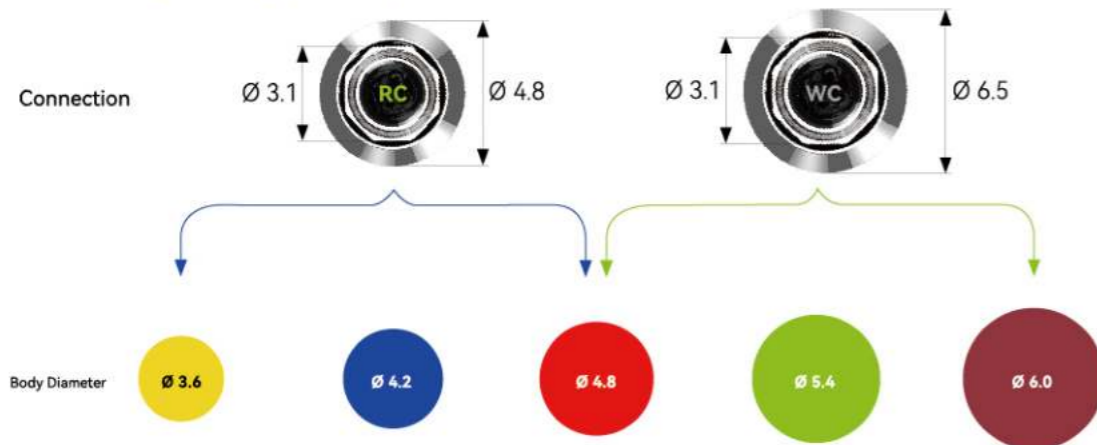
Features

- Material: Ti Gr 4 (TA4)
- 8° Morse Taper
- Internal octagon & non-submerged type



- Reverse taper + straight + taper design
- Sand blasted with Large grit and Acid etched
- Mount Driver, 1.2 Hex Driver & TL implant driver
- Recommended maximum torque:
 - R** Regular connection: 35Ncm
 - W** Wide connection: 35Ncm
- Sterilized packaging: Implant + Mount
- γ - Sterilization

Color coding according to the Implant diameter



R

Length		7.0	8.5	10.0	11.5	13.0
Diameter	G/H					
	Ø 3.6	TRS3607	TRS3608	TRS3610	TRS3611	TRS3613
		TRL3607	TRL3608	TRL3610	TRL3611	TRL3613

Length		7.0	8.5	10.0	11.5	13.0
Diameter	G/H					
	Ø 4.2	TRS4207	TRS4208	TRS4210	TRS4211	TRS4213
		TRL4207	TRL4208	TRL4210	TRL4211	TRL4213

Length		7.0	8.5	10.0	11.5	13.0
Diameter	G/H					
	Ø 4.8	TRS4807	TRS4808	TRS4810	TRS4811	TRS4813
		TRL4807	TRL4808	TRL4810	TRL4811	TRL4813

W

Length		7.0	8.5	10.0	11.5	13.0
Diameter	G/H					
	Ø 4.8	TWS4807	TWS4808	TWS4810	TWS4811	TWS4813

Length		7.0	8.5	10.0	11.5	13.0
Diameter	G/H					
	Ø 5.4	TWS5407	TWS5408	TWS5410	TWS5411	TWS5413

Implant / Mount & Cover Screw / Closure Screw



Length	7.0	8.5	10.0	11.5	13.0
Diameter	Ø 6.0				
G/H	1.8				
	TWS6007	TWS6008	TWS6010	TWS6011	TWS6013

Mount

- Material: Ti Gr 5 (TC4ELI)
- Mount Driver & 1.2 Hex Driver
- Recommended maximum torque:
 - R Regular Connection:** 8~10Ncm
 - W Wide Connection:** 8~10Ncm



TMTB

Cover Screw / Closure Screw

- Material: Ti Gr 4 (TA4)
- 1.2 Hex Driver
- In sub-gingival healing surgery, the cover screw is recommended if there is enough soft tissue, and the closure screw is recommended if there is insufficient soft tissue.
- Recommended maximum torque:
 - R Regular Connection:** 8~10Ncm
 - W Wide Connection:** 8~10Ncm



Cover Screw



TCVSR



TCVSW

Closure Screw



TCSR



TCSW

Healing Abutment



Features

- Used for gingival forming
- Material: Ti Gr 4 (TA4)
- 1.2 Hex Driver
- Recommended maximum torque:
 - R Regular Connection:** 8~10Ncm
 - W Wide Connection:** 8~10Ncm
- Sterilized packaging: γ -Sterilization



Height	2.0	3.0	4.0	5.0
Diameter	Ø 5.2			
	THR2	THR3	THR4	THR5



Height	2.0	3.0	4.0	5.0
Diameter	Ø 6.9			
	THW2	THW3	THW4	THW5



Features

- Cement retained restoration
- Material: Ti Gr 4 (TC4ELI)
- Abutment level impression



- 1.2 Hex Driver
- Recommended maximum torque:
 - R Regular Connection:** 8-10Ncm
 - W Wide Connection:** 8-10Ncm
- Sterilized packaging: γ -Sterilization

R			
Height	4.0	5.5	7.0
Diameter			
	∅ 3.55	TSR4	TSR5
		TSR7	
W			
Height	4.0	5.5	7.0
Diameter			
	∅ 4.3	TSW4	TSW5
		TSW7	

Solid Abutment Impression Coping Cap

- Take a precise impression
- Material: POM



R			
Height	4.0	5.5	7.0
			
	TSICCR4	TSICCR5	TSICCR7
W			
Height	4.0	5.5	7.0
			
	TSICCW4	TSICCW5	TSICCW7

Solid Abutment Lab. Analog

- Make aesthetic and abutment on working model
- Material: Ti Gr 4 (TC4ELI)



R			
Height	4.0	5.5	7.0
			
	TSLAR4	TSLAR5	TSLAR7
W			
Height	4.0	5.5	7.0
			
	TSLAW4	TSLAW5	TSLAW7

Abutment Level



Solid Abutment Burn-out Cylinder

- Use as a framework of prosthesis by connecting solid lab. analogs
- Material: POM



R	Single	Bridge
	TSBCRS	TSBCRB
W	Single	Bridge
	TSBCWS	TSBCWB

Impression Coping Cap

- Modified Solid & Excellent solid abutment
- Take a precise impression
- Material: POM

R	W
TICAPR	TICAPW

Shoulder Analog

- Modified Solid & Excellent solid abutment
- Make aesthetic oral abutment on working model
- Material: Ti Gr 4 (TC4ELI)

R	W
TSAR48	TSAW65

Shoulder Analog Pin

- Modified Solid & Excellent solid abutment
- Make aesthetic oral abutment on working model
- Material: Ti Gr 4 (TA4)

R	W
TSAPIN	

Final Restoration — Excellent Solid Abutment



Features

- Cement retained restoration
- Material: Ti Gr 5 (TC4ELI)
- Abutment level impression



- 1.2 Hex Driver
- Recommended maximum torque:
 - R** Regular Connection: 30Ncm
 - W** Wide Connection: 30Ncm
- Non-sterilized packaging

R	Height	4.0	5.5	7.0
	Diameter			
	Ø 4.3	TER4	TER5	TER7
W	Height	4.0	5.5	7.0
	Diameter			
	Ø 5.8	TEW4	TEW5	TEW7

Abutment Level



Excellent Impression Coping Cap

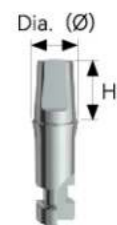
- Can be used with a cemented abutment
- Take a precise impression
- Material: POM



R	Height		
	4.0	5.5	7.0
	TEICCR4	TEICCR5	TEICCR7
W	Height		
	4.0	5.5	7.0
	TEICCW4	TEICCW5	TEICCW7

Excellent Solid Abutment Lab. Analog

- Can be used with a cemented abutment
- Make aesthetic oral abutment on working model
- Material: Ti Gr 5 (TC4ELI)



R	Height		
	4.0	5.5	7.0
	TELAR4	TELAR5	TELAR7
W	Height		
	4.0	5.5	7.0
	TELAW4	TELAW5	TELAW7

Abutment Level



Excellent Solid Abutment Burn-out Cylinder

- Can be used with a cemented abutment
- Use as a framework of prosthesis by connecting excellent solid Lab. analogs
- Material: POM



R	Single		Bridge	
	TEBCRS		TEBCRB	
W	Single		Bridge	
	TEBCWS		TEBCWB	

Impression Coping Cap

- Modified Solid & Excellent solid abutment
- Take a precise impression
- Material: POM

R	Single		Bridge	
	TICAPR		TICAPW	

Shoulder Analog

- Modified Solid & Excellent solid abutment
- Make aesthetic oral abutment on working model
- Material: Ti Gr 5 (TC4ELI)

R	Single		Bridge	
	TSAR48		TSAW65	

Shoulder Analog Pin

- Modified Solid & Excellent solid abutment
- Make aesthetic oral abutment on working model
- Material: Ti Gr 5 (TC4ELI)

R	Single		Bridge	
	TSAPIN			

Final Restoration — Cemented Abutment



Features

- Cement retained restoration
- Material: Ti Gr 5 (TC4ELI)
- Implant & abutment level impression

Implant level impression

Abutment level impression



- 1.2 Hex Driver
- Recommended maximum torque:
 - R** Regular Connection: 30Ncm
 - W** Wide Connection: 30Ncm
- Non-sterilized packaging: Abutment + Screw

R Screw: TASRW

H	4.0	5.5	7.0	4.0	5.5	7.0	
Octa Diameter				Non-octa			
Ø 4.3	TCR4T	TCR5T	TCR7T	TCR4	TCR5	TCR7	

W Screw: TASRW

H	4.0	5.5	7.0	4.0	5.5	7.0	
Octa Diameter				Non-octa			
Ø 5.8	TCW4T	TCW5T	TCW7T	TCW4	TCW5	TCW7	

Abutment Level



Excellent Impression Coping Cap

- Can be used with a cemented abutment
- Take a precise impression
- Material: POM



R

Height	4.0	5.5	7.0
	TEICCR4	TEICCR5	TEICCR7

W

Height	4.0	5.5	7.0
	TEICCW4	TEICCW5	TEICCW7

R

Excellent Solid Abutment Lab. Analog

- Can be used with a cemented abutment
- Make aesthetic oral abutment on working model
- Material: Ti Gr 5 (TC4ELI)



Height	4.0	5.5	7.0
	TELAR4	TELAR5	TELAR7

W

Height	4.0	5.5	7.0
	TELAW4	TELAW5	TELAW7

Abutment Level



Excellent Solid Abutment Burn-out Cylinder

- Can be used with a cemented abutment
- Use as a framework of prosthesis by connecting excellent solid Lab. analogs
- Material: POM



Implant Level



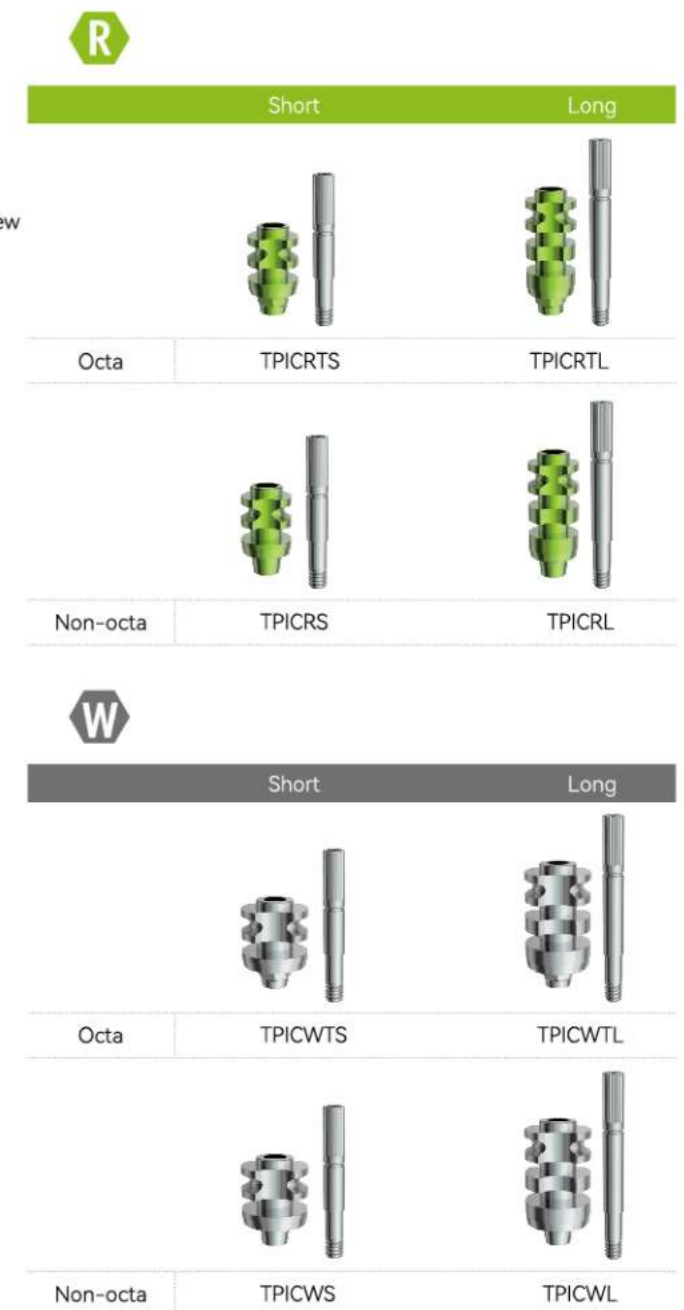
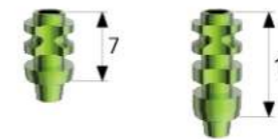
Lab. Analog

- Replicate implant accurately on the model
- Material: Ti Gr 5 (TC4ELI)



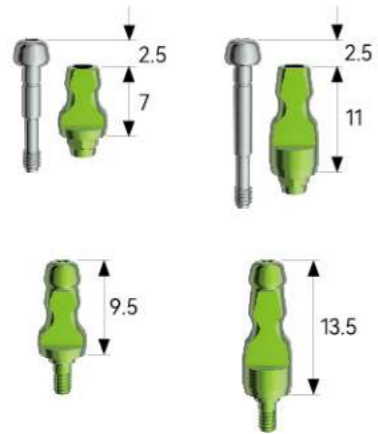
Pick-up Impression Coping

- Impression using a customized tray
- 1.2 Hex Driver
- Packing unit: impression coping body+ screw
- Material: Ti Gr 5 (TC4ELI)

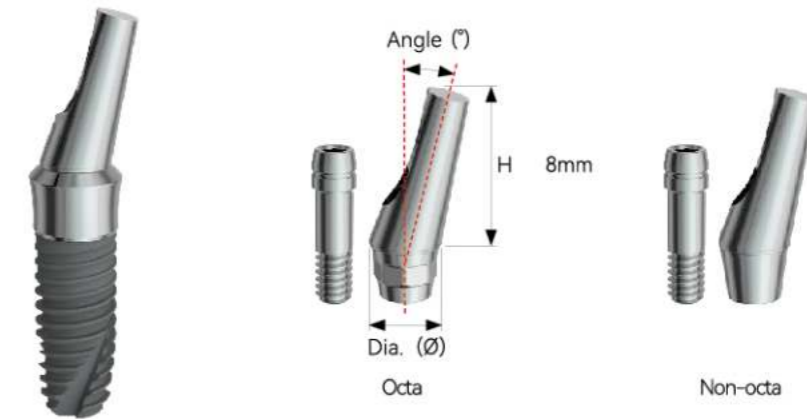


Transfer Impression Coping

- Impression using a ready-made tray
- 1.2 Hex Driver
- Octa type is a two-piece: impression coping body + screw
- Packing unit: impression coping body + screw
- Non-octa type is an one-piece
- Material: Ti Gr 5 (TC4ELI)

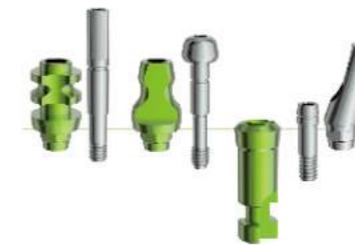


		R	
		Short	Long
Octa			
Non-octa			
		W	
		Short	Long
Octa			
Non-octa			



Features

- Cement retained restoration
- Material: Ti Gr 5 (TC4ELI)
- Angle: 15°/20°
- 1.2 Hex Driver
- Implant level impression
- Recommended maximum torque:
 - R Regular Connection:** 30Ncm
 - W Wide Connection:** 30Ncm
- Non-sterilized packaging: Abutment + Screw



		R Screw: TASRW	
		15°	20°
Octa Diameter			
Ø 3.7		TAR15T	TAR20T
		W Screw: TASRW	
		15°	20°
Octa Diameter			
Ø 5.0		TAW15T	TAW20T

Final Restoration — Milling Abutment



Features

- Cement or screw retained restoration
- Material: Ti Gr 5 (TC4ELI)
- Implant level impression

- 1.2 Hex Driver
- Recommended maximum torque:
 - R** Regular Connection: 30Ncm
 - W** Wide Connection: 30Ncm
- Non-sterilized packaging: Abutment + Screw



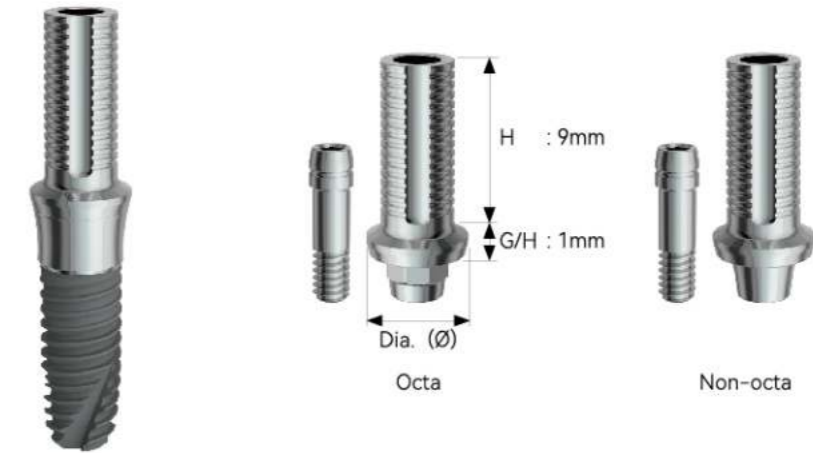
R Screw: TASRW

		G/H 2.0		G/H 4.0	
Octa				Non-octa	
Diameter	H				
Ø 5.5	6.0	TMR2T	TMR4T	TMR2	TMR4

W Screw: TASRW

		G/H 2.0		G/H 4.0	
Octa				Non-octa	
Diameter	H				
Ø 7.2	6.0	TMW2T	TMW4T	TMW2	TMW4

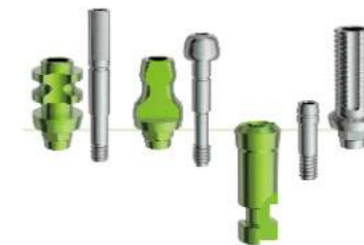
Temporary Restoratio — Temporary Abutment



Features

- Temporary restoration
- Material: Ti Gr 4 (TA4)
- Implant level impression

- 1.2 Hex Driver
- Recommended maximum torque:
 - R** Regular Connection: 30Ncm
 - W** Wide Connection: 30Ncm
- Non-sterilized packaging: Abutment + Screw



R Screw: TASRW

		Octa	Non-octa
Diameter			
Ø 5.2		TTR1T	TTR1

W Screw: TASRW

		Octa	Non-octa
Diameter			
Ø 6.9		TTW1T	TTW1

Final Restoration (CAD/CAM Abutment) — Link Abutment



Features

- Cement or screw retained restoration
- Material: Ti Gr 5 (TC4ELI)
- CAD/CAM customized abutment
- Implant level impression



- 1.2 Hex Driver
- Recommended maximum torque:
 - R** Regular Connection: 30Ncm
 - W** Wide Connection: 30Ncm
- Non-sterilized packaging: Abutment + Screw

R Screw: TASRW

Height	3.0	5.0		3.0	5.0
Octa			Non-octa		
Diameter	Ø 5.0				
	TLR3T	TLR5T		TLR3	TLR5

W Screw: TASRW

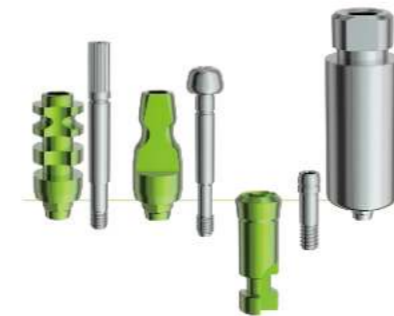
Height	3.0	5.0		3.0	5.0
Octa			Non-octa		
Diameter	Ø 6.7				
	TLW3T	TLW5T		TLW3	TLW5

Final Restoration (CAD/CAM Abutment) — Profile Abutment



Features

- Cement retained restoration
- Material: Ti Gr 5 (TC4ELI)
- CAD/CAM customized abutment
- Implant level impression



- 1.2 Hex Driver
- Recommended maximum torque:
 - R** Regular Connection: 30Ncm
 - W** Wide Connection: 30Ncm
- Non-sterilized packaging: Abutment + Screw

Final Restoration (CAD/CAM Abutment) — Profile Abutment



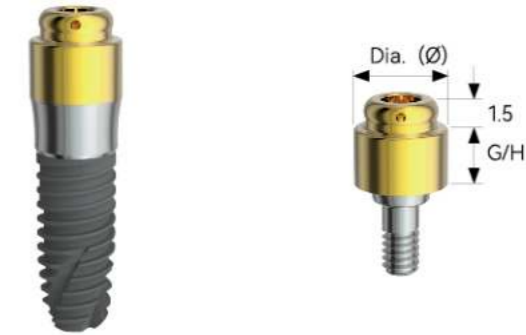
R Screw: TASRW

	Type A		Type B	
Diameter Ø 10.0				
Octa	TPR10AT		TPR10BT	
Non-octa	TPR10A		TPR10B	
Diameter Ø 14.0				
Octa	TPR14AT		TPR14BT	
Non-octa	TPR14A		TPR14B	

W Screw: TASRW

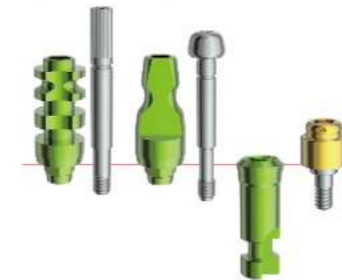
	Type A		Type B	
Diameter Ø 10.0				
Octa	TPW10AT		TPW10BT	
Non-octa	TPW10A		TPW10B	
Diameter Ø 14.0				
Octa	TPW14AT		TPW14BT	
Non-octa	TPW14A		TPW14B	

Overdenture Restoration — Retention Abutment



Features

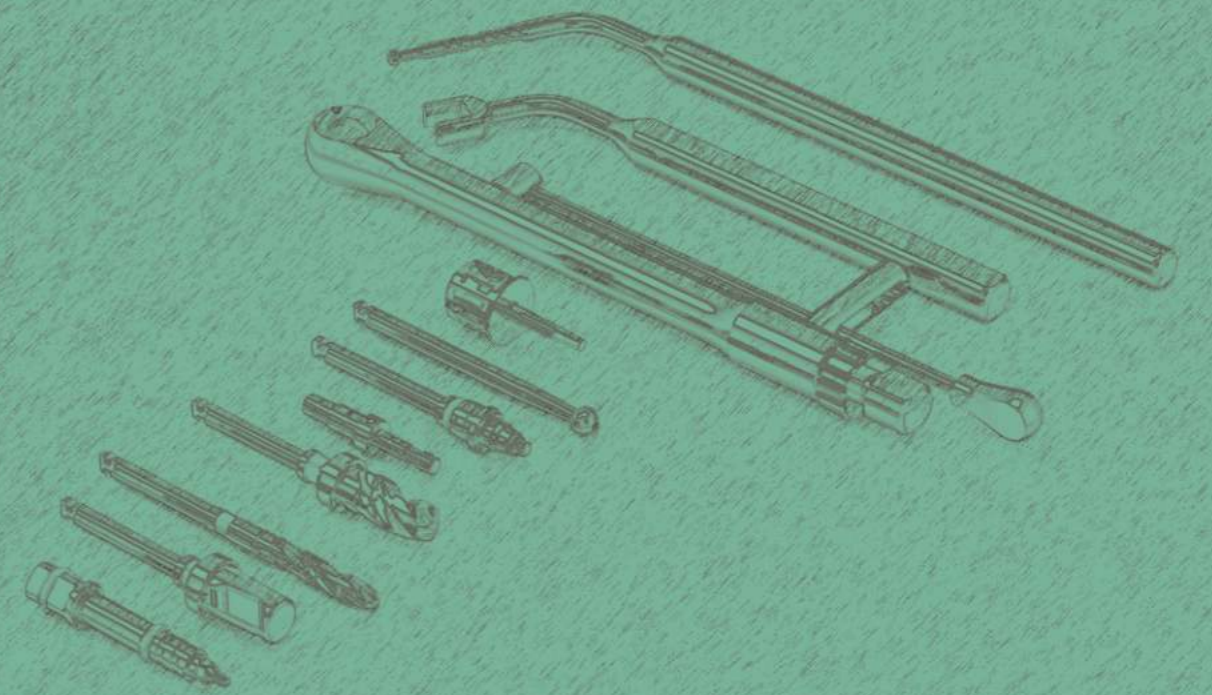
- Overdenture Restoration
- Material: Ti Gr 5 (TC4ELI)
- TiN coating: For aesthetic
- Possible denture restorations even at small vertical dimension
- Accommodate up to 40° divergence between two implants
- Replacement males can be easily placed & removed with Locator
- Implant level impression



- 1.2 Hex Driver
- Recommended maximum torque:
 - R** Regular Connection: 30Ncm
 - W** Wide Connection: 30Ncm
- Non-sterilized packaging

	R				
	G/H	1.0	2.0	3.0	4.0
Diameter Ø 4.8					
	TRR481	TRR482	TRR483	TRR484	

Surgical Kit & Instruments

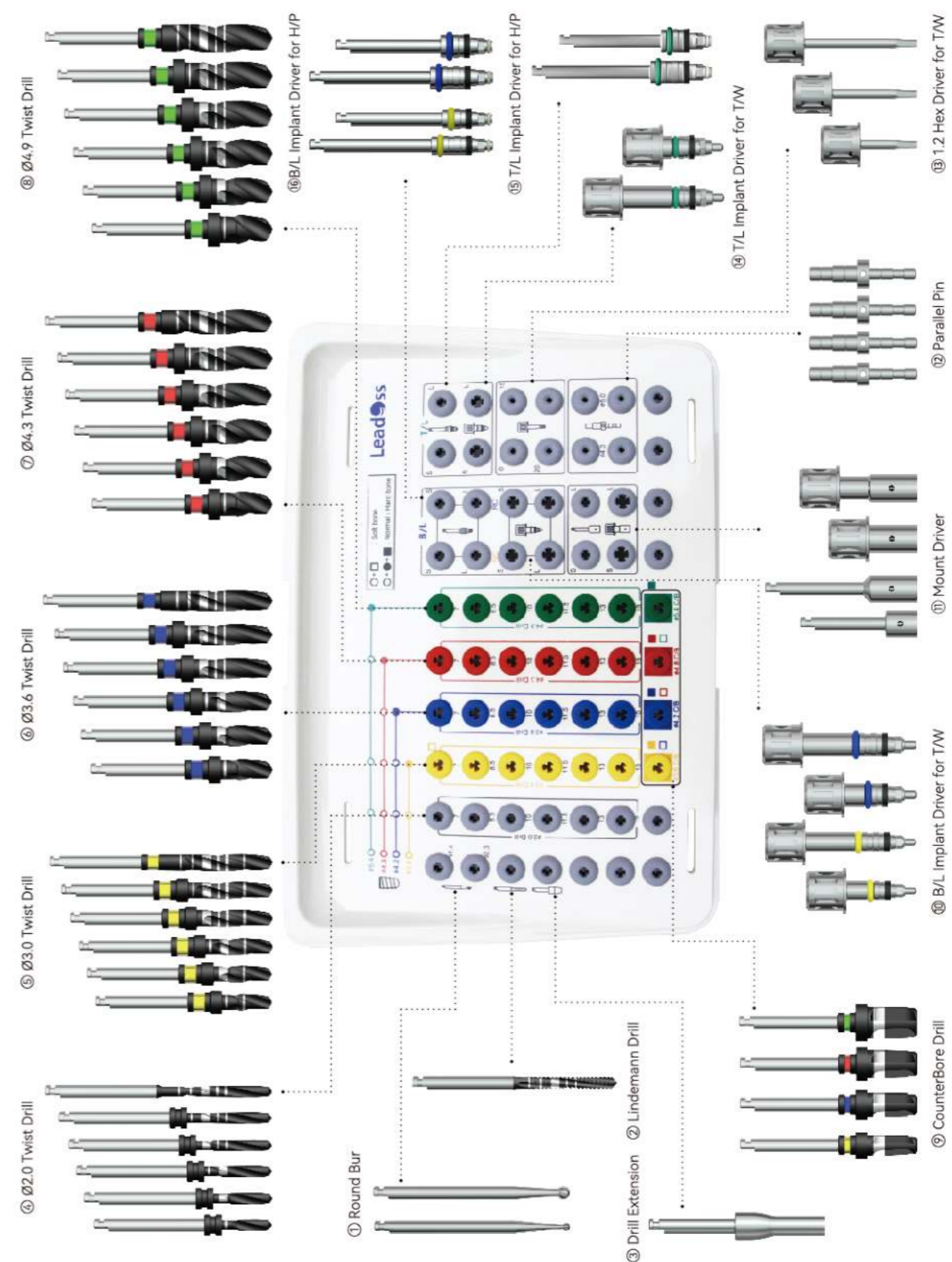


Catalog

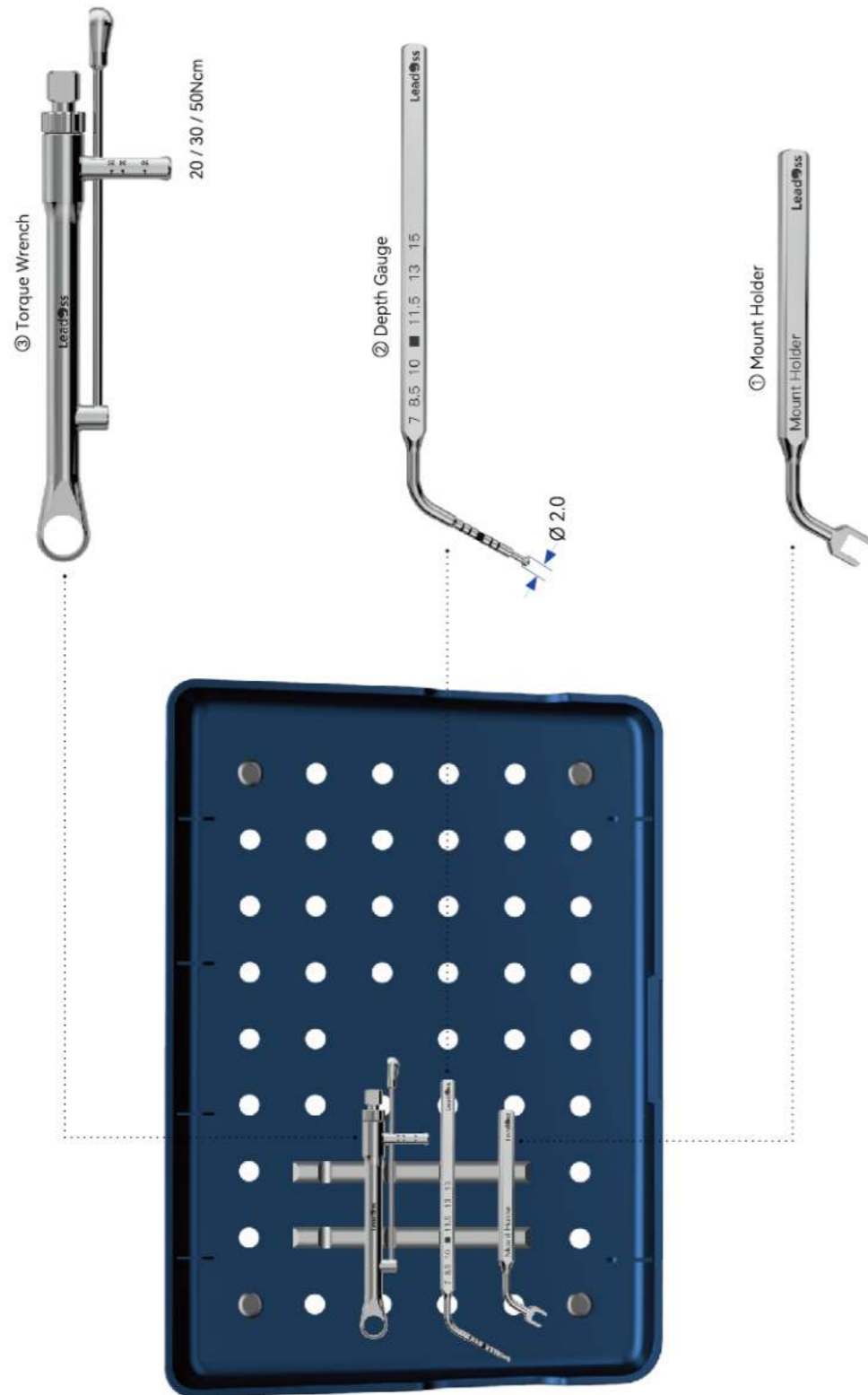
Surgical Kit	65
Premium Kit (PKFA)	65
1) Instruments in Middle Plate of Surgical Tray	65
2) Instruments in Bottom Plate of Surgical Tray	66
3) Instruments List in Surgical Tray	67
Basic Kit (BKFA)	68
1) Instruments in Middle Plate of Surgical Tray	68
2) Instruments in Bottom Plate of Surgical Tray	69
3) Instruments List in Surgical Tray	70
Instruments	71
1) Drill	71
① Round Bur	71
② Lindemann Drill	71
③ Drill Extension	71
④ Twist Drill	71
⑤ CounterBore Drill	74
2) Mount Driver	74
3) 1.2 Hex Driver	74
① 1.2 Hex Driver for T/W	74
② 1.2 Hex Driver for H/D	75
③ 1.2 Hex Driver for H/P	75
5) BL Implant Driver for T/W	75
6) BL Implant Driver for H/P	76
7) TL Implant Driver for T/W	76
8) TL Implant Driver for H/P	76
9) Mount Holder	77
10) Depth Gauge	77
11) Torque Wrench	77
Surgical Procedure — Drill Protocols	78

Premium Kit (PKFA)

1) Instruments in Middle Plate of Surgical Tray



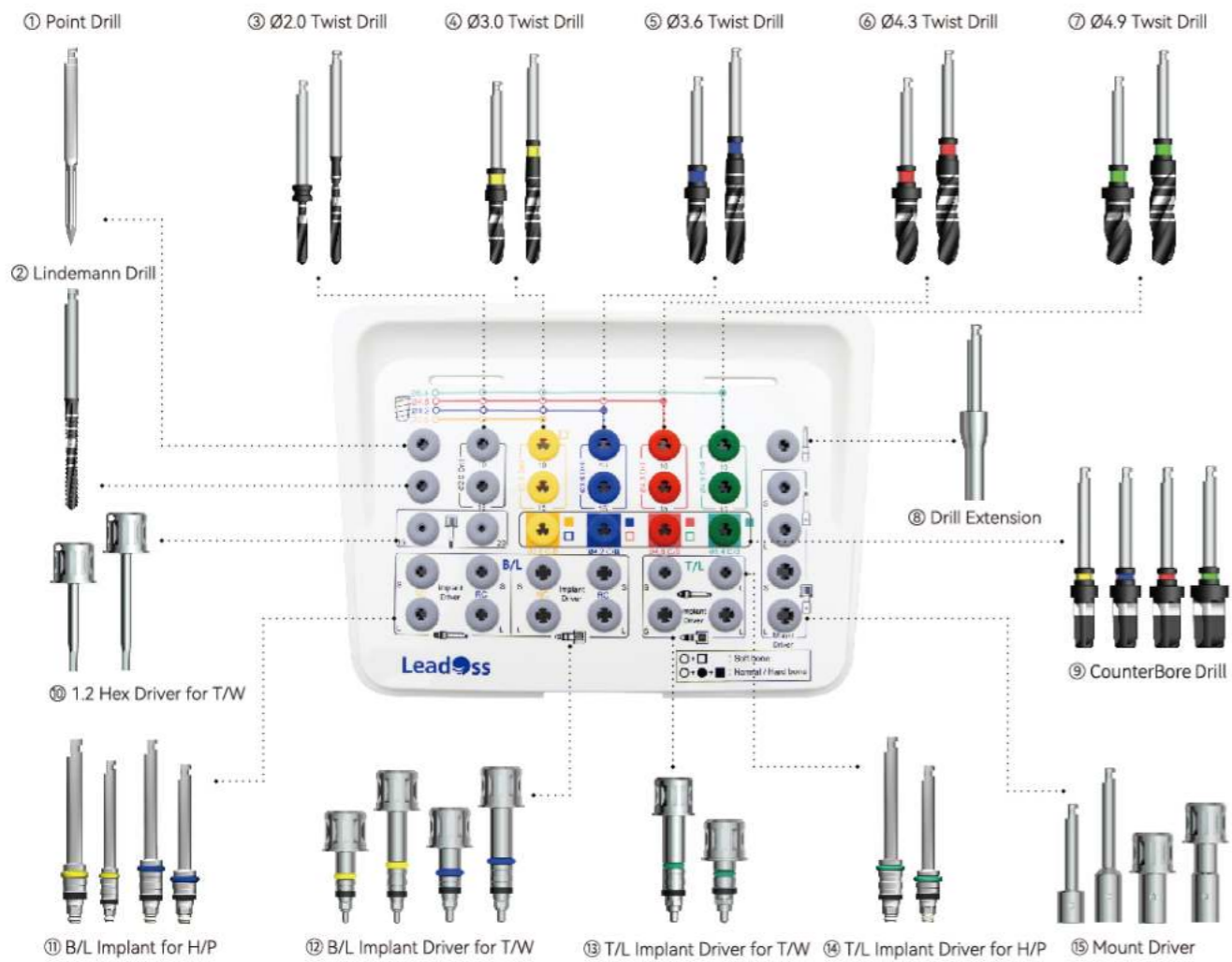
2) Instruments in Bottom Plate of Surgical Tray



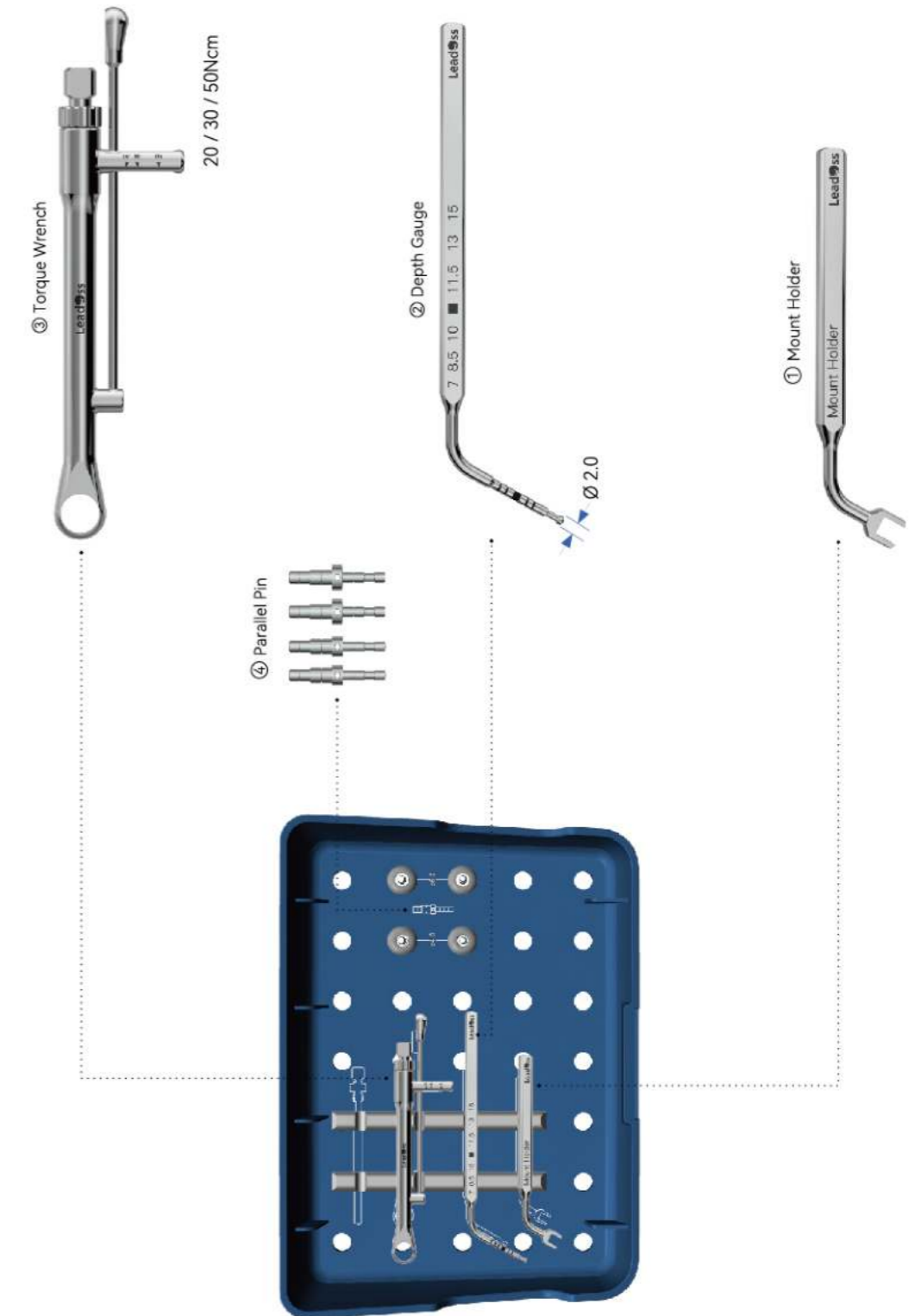
3) Instruments List in Surgical Tray

No.	Product Name	Product Model	Specification	Qty	Location
1	Round But	RB14	Ø1.4mm	1	Middle Plate
2	Round But	RB23	Ø2.3mm	1	Middle Plate
3	Lindemann Drill	LDD18L	Long	1	Middle Plate
4	Drill Extension	DEXT	-	1	Middle Plate
5	Parallel Pin	PP4008	Ø4.0mm, Short	2	Middle Plate
6	Parallel Pin	PP5008	Ø5.0mm, Short	2	Middle Plate
7	Twist Drill	TD2007	Ø2.0X7mm	1	Middle Plate
8	Twist Drill	TD2008	Ø2.0X8.5mm	1	Middle Plate
9	Twist Drill	TD2010	Ø2.0X10mm	1	Middle Plate
10	Twist Drill	TD2011	Ø2.0X11.5mm	1	Middle Plate
11	Twist Drill	TD2013	Ø2.0X13mm	1	Middle Plate
12	Twist Drill	TD2015	Ø2.0X15mm	1	Middle Plate
13	Twist Drill	TD3007	Ø3.0X7mm	1	Middle Plate
14	Twist Drill	TD3008	Ø3.0X8.5mm	1	Middle Plate
15	Twist Drill	TD3010	Ø3.0X10mm	1	Middle Plate
16	Twist Drill	TD3011	Ø3.0X11.5mm	1	Middle Plate
17	Twist Drill	TD3013	Ø3.0X13mm	1	Middle Plate
18	Twist Drill	TD3015	Ø3.0X15mm	1	Middle Plate
19	Twist Drill	TD3607	Ø3.6X7mm	1	Middle Plate
20	Twist Drill	TD3608	Ø3.6X8.5mm	1	Middle Plate
21	Twist Drill	TD3610	Ø3.6X10mm	1	Middle Plate
22	Twist Drill	TD3611	Ø3.6X11.5mm	1	Middle Plate
23	Twist Drill	TD3613	Ø3.6X13mm	1	Middle Plate
24	Twist Drill	TD3615	Ø3.6X15mm	1	Middle Plate
25	Twist Drill	TD4307	Ø4.3X7mm	1	Middle Plate
26	Twist Drill	TD4308	Ø4.3X8.5mm	1	Middle Plate
27	Twist Drill	TD4310	Ø4.3X10mm	1	Middle Plate
28	Twist Drill	TD4311	Ø4.3X11.5mm	1	Middle Plate
29	Twist Drill	TD4313	Ø4.3X13mm	1	Middle Plate
30	Twist Drill	TD4315	Ø4.3X15mm	1	Middle Plate
31	Twist Drill	TD4907	Ø4.9X7mm	1	Middle Plate
32	Twist Drill	TD4908	Ø4.9X8.5mm	1	Middle Plate
33	Twist Drill	TD4910	Ø4.9X10mm	1	Middle Plate
34	Twist Drill	TD4911	Ø4.9X11.5mm	1	Middle Plate
35	Twist Drill	TD4913	Ø4.9X13mm	1	Middle Plate
36	Twist Drill	TD4915	Ø4.9X15mm	1	Middle Plate
37	CounterBore Drill	CBD36	Ø3.6mm	1	Middle Plate
38	CounterBore Drill	CBD42	Ø4.2mm	1	Middle Plate
39	CounterBore Drill	CBD48	Ø4.8mm	1	Middle Plate
40	CounterBore Drill	CBD54	Ø5.4mm	1	Middle Plate
41	Mount Driver for H/P	MDHPS	Short	1	Middle Plate
42	Mount Driver for H/P	MDHPL	Long	1	Middle Plate
43	Mount Driver for T/W	MDTWS	Short	1	Middle Plate
44	Mount Driver for T/W	MDTWL	Long	1	Middle Plate
45	B/L Implant Driver for T/W	BIDNTS	NC, Short	1	Middle Plate
46	B/L Implant Driver for T/W	BIDNTL	NC, Long	1	Middle Plate
47	B/L Implant Driver for T/W	BIDRTS	RC, Short	1	Middle Plate
48	B/L Implant Driver for T/W	BIDRTL	RC, Long	1	Middle Plate
49	T/L Implant Driver for T/W	TIDTS	Short	1	Middle Plate
50	T/L Implant Driver for T/W	TIDTL	Long	1	Middle Plate
51	1.2 Hex Driver for T/W	12HDT10	10mm	1	Middle Plate
52	1.2 Hex Driver for T/W	12HDT15	15mm	1	Middle Plate
53	1.2 Hex Driver for T/W	12HDT20	20mm	1	Middle Plate
54	B/L Implant Driver for H/P	BIDNPS	Short	1	Middle Plate
55	B/L Implant Driver for H/P	BIDNPL	Long	1	Middle Plate
56	B/L Implant Driver for H/P	BIDRPS	Short	1	Middle Plate
57	B/L Implant Driver for H/P	BIDRPL	Long	1	Middle Plate
58	T/L Implant Driver for H/P	TIDPS	Short	1	Middle Plate
59	T/L Implant Driver for H/P	TIDPL	Long	1	Middle Plate
60	Mount Holder	MTHD	-	1	Bottom Plate
61	Depth Gauge	DPGG	-	1	Bottom Plate
62	Torque Wrench	TQWC	-	1	Bottom Plate
Total				64	

1) Instruments in Middle Plate of Surgical Tray



2) Instruments in Bottom Plate of Surgical Tray



3) Instruments List in Surgical Tray

No.	Product Name	Product Model	Specification	Qty	Location
				BKFA	
1	Point Drill	PD20L	Long	1	Middle Plate
2	Lindemann Drill	LDD18L	Long	1	Middle Plate
3	Drill Extension	DEXT	-	1	Middle Plate
4	Twist Drill	TD2010	Ø2.0X10mm	1	Middle Plate
5	Twist Drill	TD2015	Ø2.0X15mm	1	Middle Plate
6	Twist Drill	TD3010	Ø3.0X10mm	1	Middle Plate
7	Twist Drill	TD3015	Ø3.0X15mm	1	Middle Plate
8	Twist Drill	TD3610	Ø3.6X10mm	1	Middle Plate
9	Twist Drill	TD3615	Ø3.6X15mm	1	Middle Plate
10	Twist Drill	TD4310	Ø4.3X10mm	1	Middle Plate
11	Twist Drill	TD4315	Ø4.3X15mm	1	Middle Plate
12	Twist Drill	TD4910	Ø4.9X10mm	1	Middle Plate
13	Twist Drill	TD4915	Ø4.9X15mm	1	Middle Plate
14	CounterBore Drill	CBD36	Ø3.6mm	1	Middle Plate
15	CounterBore Drill	CBD42	Ø4.2mm	1	Middle Plate
16	CounterBore Drill	CBD48	Ø4.8mm	1	Middle Plate
17	CounterBore Drill	CBD54	Ø5.4mm	1	Middle Plate
18	Mount Driver for H/P	MDHPS	Short	1	Middle Plate
19	Mount Driver for H/P	MDHPL	Long	1	Middle Plate
20	Mount Driver for T/W	MDTWS	Short	1	Middle Plate
21	Mount Driver for T/W	MDTWL	Long	1	Middle Plate
22	B/L Implant Driver for T/W	BIDNTS	NC, Short	1	Middle Plate
23	B/L Implant Driver for T/W	BIDNTL	NC, Long	1	Middle Plate
24	B/L Implant Driver for T/W	BIDRTS	RC, Short	1	Middle Plate
25	B/L Implant Driver for T/W	BIDRTL	RC, Long	1	Middle Plate
26	T/L Implant Driver for T/W	TIDTS	Short	1	Middle Plate
27	T/L Implant Driver for T/W	TIDTL	Long	1	Middle Plate
28	1.2 Hex Driver for T/W	12HDT15	15mm	1	Middle Plate
29	1.2 Hex Driver for T/W	12HDT20	20mm	1	Middle Plate
30	B/L Implant Driver for H/P	BIDNPS	Short	1	Middle Plate
31	B/L Implant Driver for H/P	BIDNPL	Long	1	Middle Plate
32	B/L Implant Driver for H/P	BIDRPS	Short	1	Middle Plate
33	B/L Implant Driver for H/P	BIDRPL	Long	1	Middle Plate
34	T/L Implant Driver for H/P	TIDPS	Short	1	Middle Plate
35	T/L Implant Driver for H/P	TIDPL	Long	1	Middle Plate
36	Parallel Pin	PP4008	Ø4.0mm, Short	2	Bottom Plate
37	Parallel Pin	PP5008	Ø5.0mm, Short	2	Bottom Plate
38	Mount Holder	MTHD	-	1	Bottom Plate
39	Depth Gauge	DPGG	-	1	Bottom Plate
40	Torque Wrench	TQWC	-	1	Bottom Plate
Total				42	

1) Drill

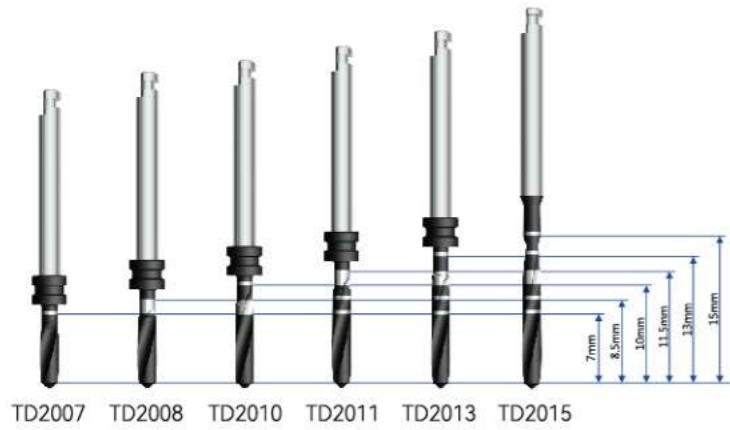
Material: S42020 420F Mod



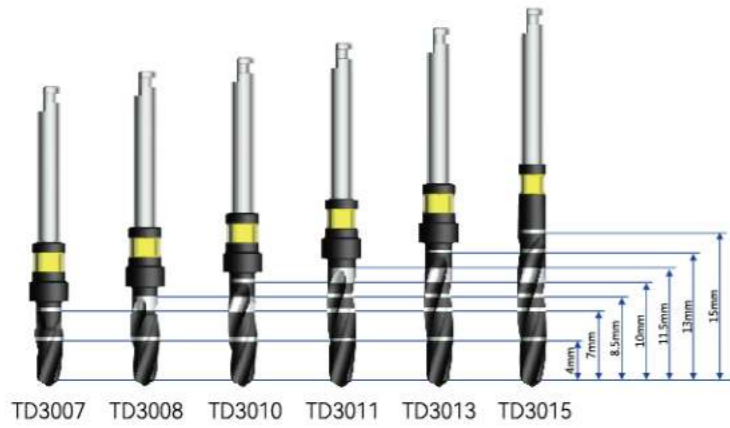
4) Twist Drill

Implant Diameter	-	Ø 3.6	Ø 4.2	Ø 4.8	Ø 5.4	Ø 6.0
Color Coding	-	Yellow	Blue	Red	Green	Brown
A	Ø 2.0	Ø 3.0	Ø 3.6	Ø 4.3	Ø 4.9	Ø 5.5
B	Ø 2.0	Ø 2.3	Ø 2.9	Ø 3.3	Ø 3.9	Ø 4.5
C	-	4mm	-	-	-	4mm
D	<1mm	<1mm	<1mm	<1mm	1mm	1mm

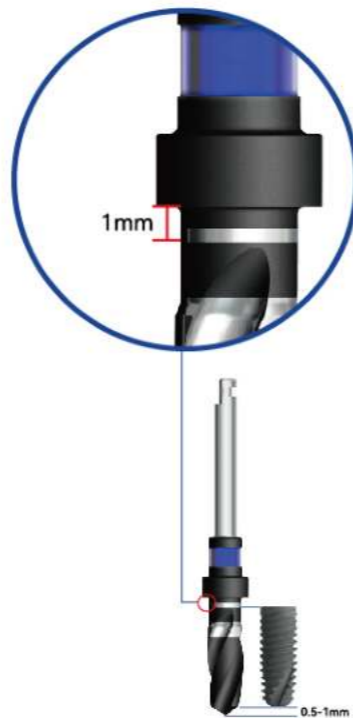
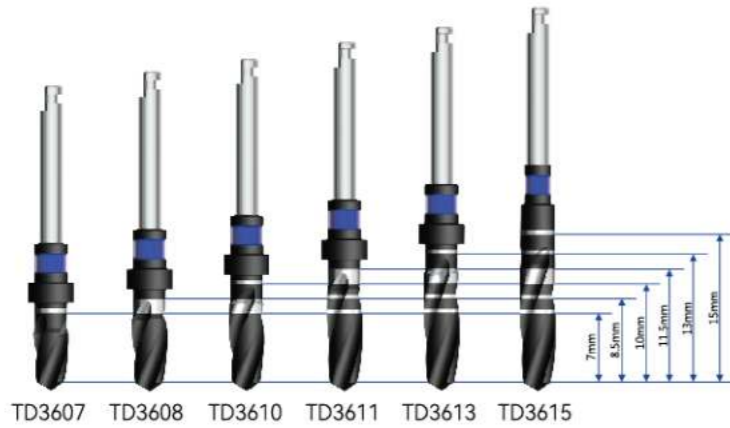
Ø 2.0 Twist Drill



Ø 3.0 Twist Drill

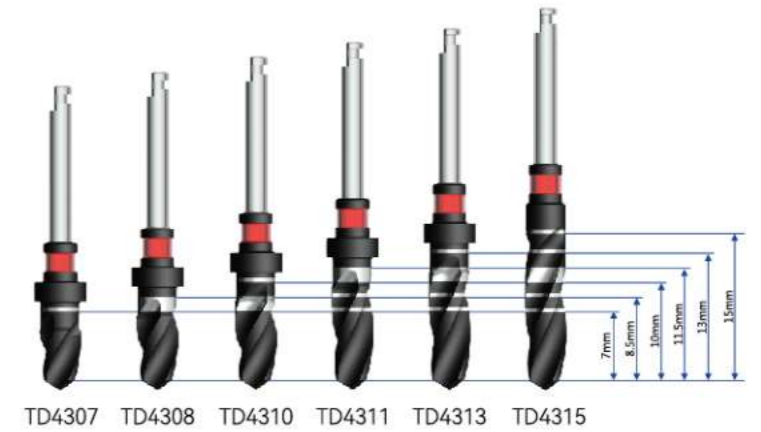


Ø 3.6 Twist Drill

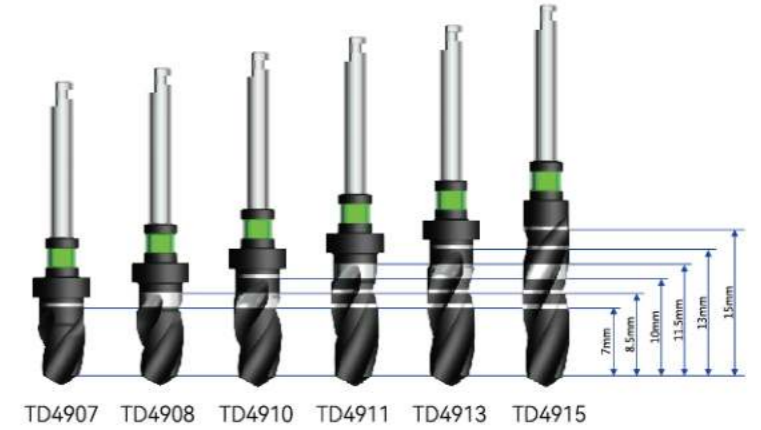


When drilling near the maxillary sinus and mandibular nerve, a safe distance must be observed. The drill stop ring design provides safe implant surgery.

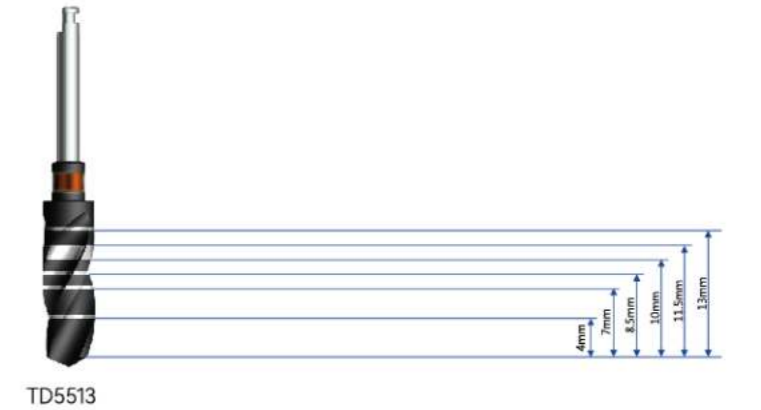
Ø 4.3 Twist Drill



Ø 4.9 Twist Drill



Ø 5.5 Twist Drill



⑤ CounterBore Drill

Upper line	-----				
Lower line	-----				
	CBD36	CBD42	CBD48	CBD54	CBD60
Implant Diameter	Ø 3.6	Ø 4.2	Ø 4.8	Ø 5.4	Ø 6.0
Color Coding	Yellow	Blue	Red	Green	Brown
A	Ø 3.57	Ø 4.17	Ø 4.77	Ø 5.37	Ø 5.97
B	Ø 3.35	Ø 3.95	Ø 4.55	Ø 5.15	Ø 5.75

2) Mount Driver

Material: TrimRite (S42010)



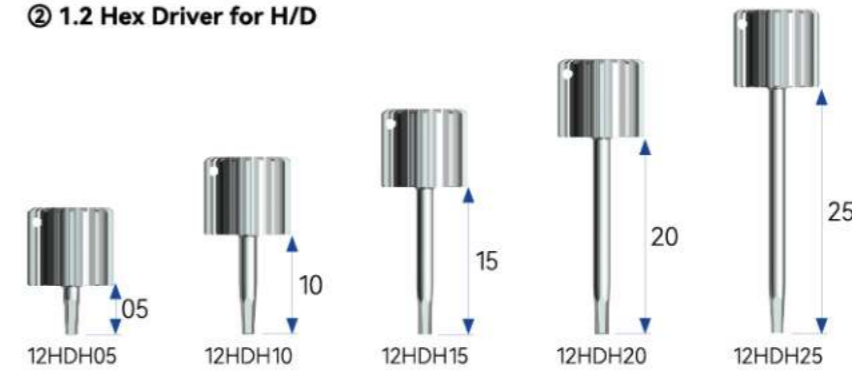
3) 1.2 Hex Driver

Material: TrimRite (S42010)

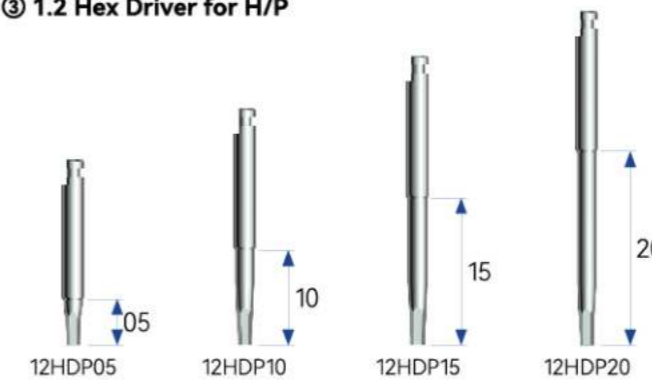
① 1.2 Hex Driver for T/W



② 1.2 Hex Driver for H/D

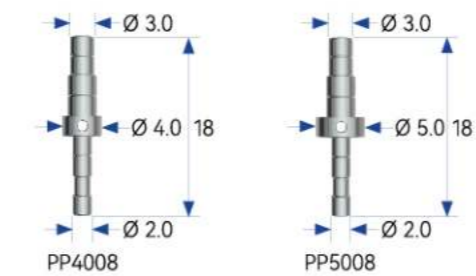


③ 1.2 Hex Driver for H/P



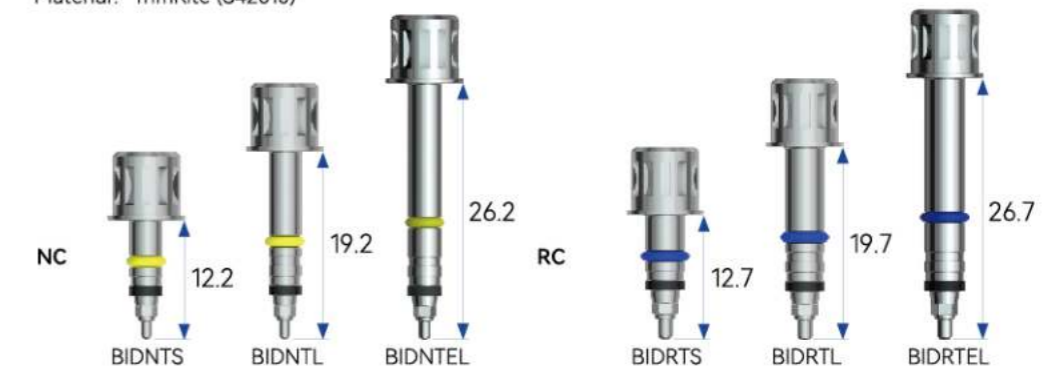
4) Parallel Pin

Material: Ti Gr 5 (TC4ELI)



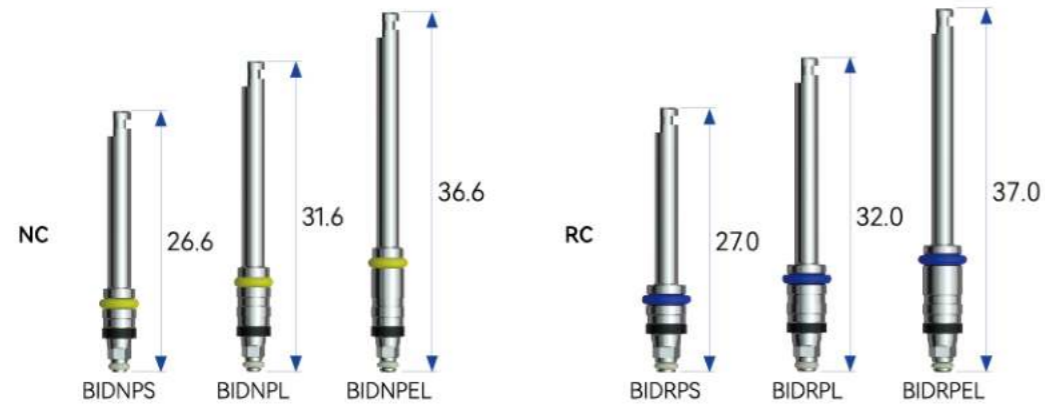
5) B/L Implant Driver for T/W

Material: TrimRite (S42010)



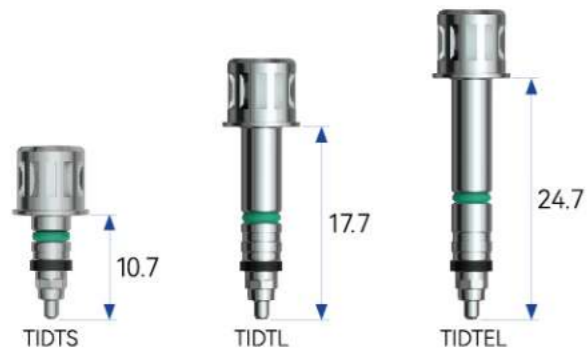
6) B/L Implant Driver for H/P

Material: TrimRite (S42010)



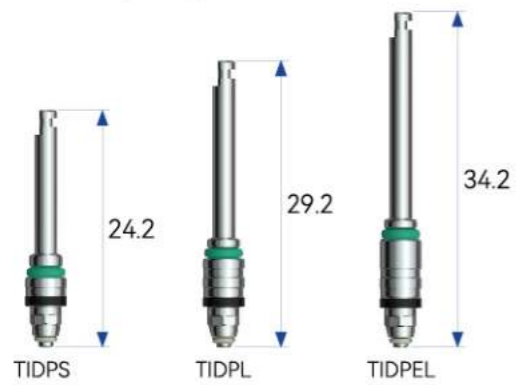
7) T/L Implant Driver for T/W

Material: TrimRite (S42010)



8) T/L Implant Driver for H/P

Material: TrimRite (S42010)



9) Mount Holder

Material: TrimRite (S42010)



10) Depth Gauge

Material: Ti Gr 5 (TC4ELI)



11) Torque Wrench

Material: SKH4B



Surgical Procedure — Drill Protocols

Implant	Bone Quality	Twist Drill	Twist Drill	C/B Drill	Twist Drill	C/B Drill	Twist Drill	C/B Drill	Twist Drill	C/B Drill	Twist Drill	C/B Drill
		Ø 2.0	Ø 3.0	Ø 3.6	Ø 3.6	Ø 4.2	Ø 4.3	Ø 4.8	Ø 4.9	Ø 5.4	Ø 5.5	Ø 6.0
Ø 3.6	Soft	▶	▶ Depth 4mm									
	Medium	▶	▶	▶ Lower line								
	Dense	▶	▶	▶ Upper line								
Ø 4.2	Soft	▶	▶	▶ Lower line								
	Medium	▶	▶		▶ Lower line							
	Dense	▶	▶		▶ Upper line							
Ø 4.8	Soft	▶	▶		▶ Lower line							
	Medium	▶	▶		▶	▶ Lower line						
	Dense	▶	▶		▶	▶ Upper line						
Ø 5.4	Soft	▶	▶									
	Medium	▶	▶				▶ Lower line					
	Dense	▶	▶				▶ Upper line					
Ø 6.0	Soft	▶	▶							▶ Depth 4mm		
	Medium	▶	▶							▶	▶ Lower line	
	Dense	▶	▶							▶	▶ Upper line	

Qualification Certificates

