urisimplants.com

Uris

Implant System

URIS IMPLANT SYSTEM CATALOG_ REV.01_2019-12

OMNI
Implant System

Surgery
Instruments

PROSTHETICS

Fixture Level Impression

Abutment Level Impression

Overdenture

PROSTHETICS

Digital Components

Packages & Instructions

OMNI
Implant System

Versatile Prosthetic Options

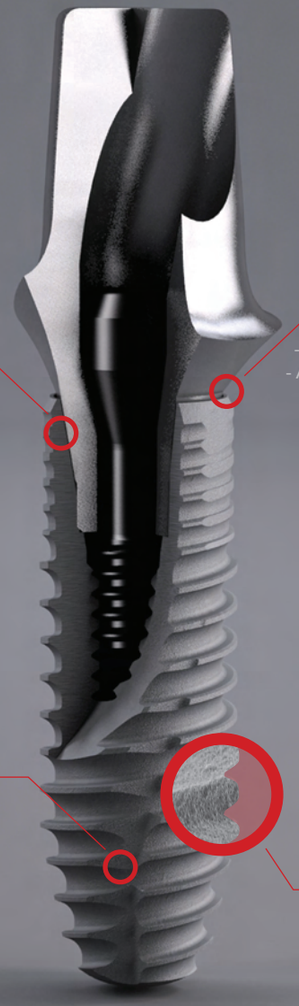
powered by TruAbutment

11° Morse Taper

- Creates hermetic seal.
- Elimination of microgap.
- Reduction of micro-movements and screw loosening.

Platform Switching

- Reduction of peri-implant bone loss.
- Greater magnitude with increased diameter.
- Aids in maintaining biological width without disruption during clinical functions.
- Beveled feature facilitates bone growth above the shoulder.

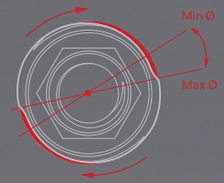


Cutting Edge

- Triple cutting edge.
- Self-tapping.

SEM x500

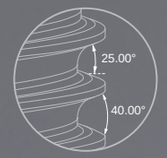
Preserves more of the peri-implant bone, stabilizes more of the soft tissues, reduces the microgap size found in the abutment-implant connection and proper geometry for narrower mesio-distal edentulous spaces.



Top View

Blood pockets

- 6.5 ~12 % Reduction: Reduction of stress / pressure points.
- Creation of “blood pockets” promotes bone growth during osseointegration.
- Gradual distribution of force along the cortical plate.



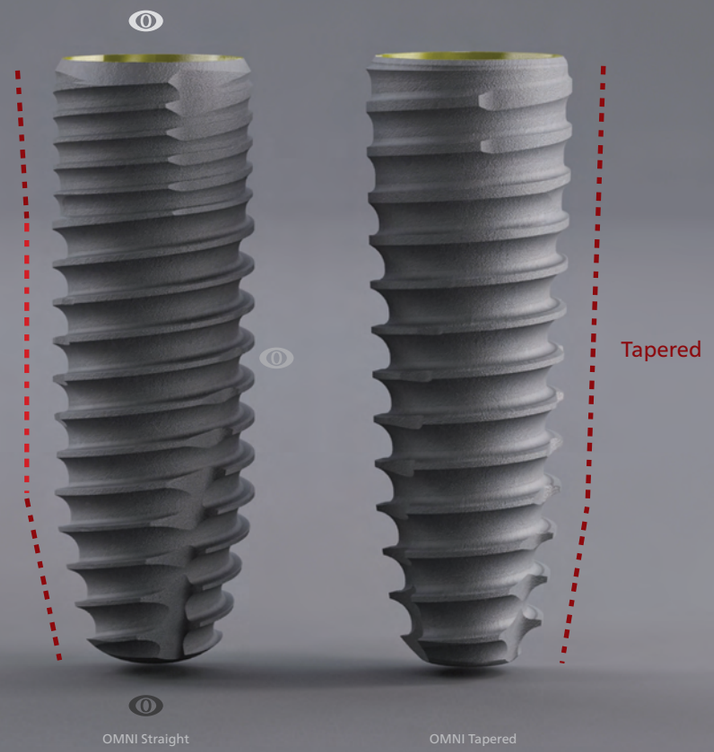
Thread Design

- The bite of the thread features two-stage ramp.
- Allows for gradual bone condensing for wide range of bone conditions.
- Even insertion while protecting bone structure.

Bottom View

Apex design

- Aggressive triple cutting edge allows for adjustable implant orientation during manual insertion for optimal final placement.
- Round apex to protect sinus floor, nerve canal or other anatomical structures.



OMNI Straight

OMNI Tapered

- Hybrid design provides best features of both straight and tapered implants.
- Coronal taper with unique design aids in initial stability, load dissipation and reduces stress/strain on the crestal bone.
- The body and apical design assist in guiding the implant to the desired position while providing bone density distribution.

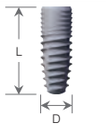
OMNI
Fixture

OMNI
Straight

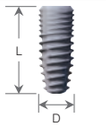
(Unit: mm)

N Hex 1.95

D Ø3.1

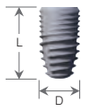
Length	8.5	10.0	11.5	13.0	14.5
					
	OMF 30085	OMF 30100	OMF 30115	OMF 30130	OMF 30145

D Ø3.5

Length	8.5	10.0	11.5	13.0	14.5
					
	OMF 35085	OMF 35100	OMF 35115	OMF 35130	OMF 35145

R Hex 2.5

D Ø4.0

Length	7.0	8.5	10.0	11.5	13.0	14.5
						
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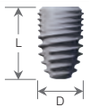
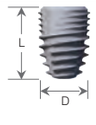
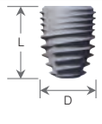
D Ø4.5

Length	7.0	8.5	10.0	11.5	13.0	14.5
						
	OMF 45070	OMF 45085	OMF 45100	OMF 45115	OMF 45130	OMF 45145

D Ø5.0

Length	7.0	8.5	10.0	11.5	13.0	14.5
						
	OMF 50070	OMF 50085	OMF 50100	OMF 50115	OMF 50130	OMF 50145

D Ø5.5

Length	7.0	8.5	10.0	11.5	13.0	14.5
						
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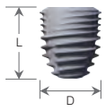
D Ø6.0

Length	7.0	8.5	10.0
			
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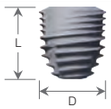
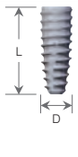
D Ø6.5

Length	7.0	8.5	10.0
			
	OMF 65070	OMF 65085	OMF 65100

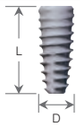
(Unit: mm)

N Hex 1.95

D Ø3.1

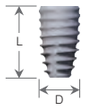
Length	8.5	10.0	11.5	13.0	14.5
					
	NTF 30085	NTF 30100	NTF 30115	NTF 30130	NTF 30145

D Ø3.5

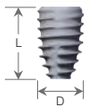
Length	8.5	10.0	11.5	13.0	14.5
					
	NTF 35085	NTF 35100	NTF 35115	NTF 35130	NTF 35145

R Hex 2.5

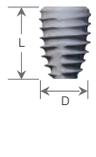
D Ø4.0

Length	7.0	8.5	10.0	11.5	13.0	14.5
						
	NTF 40070	NTF 40085	NTF 40100	NTF 40115	NTF 40130	NTF 40145

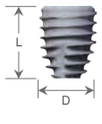
D Ø4.5

Length	7.0	8.5	10.0	11.5	13.0	14.5
						
	NTF 45070	NTF 45085	NTF 45100	NTF 45115	NTF 45130	NTF 45145

D Ø5.0

Length	7.0	8.5	10.0	11.5	13.0	14.5
						
	NTF 50070	NTF 50085	NTF 50100	NTF 50115	NTF 50130	NTF 50145

D Ø5.5

Length	7.0	8.5	10.0	11.5	13.0	14.5
						
	NTF 55070	NTF 55085	NTF 55100	NTF 55115	NTF 55130	NTF 55145

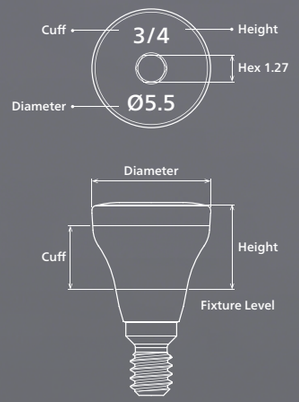
Cover Screw

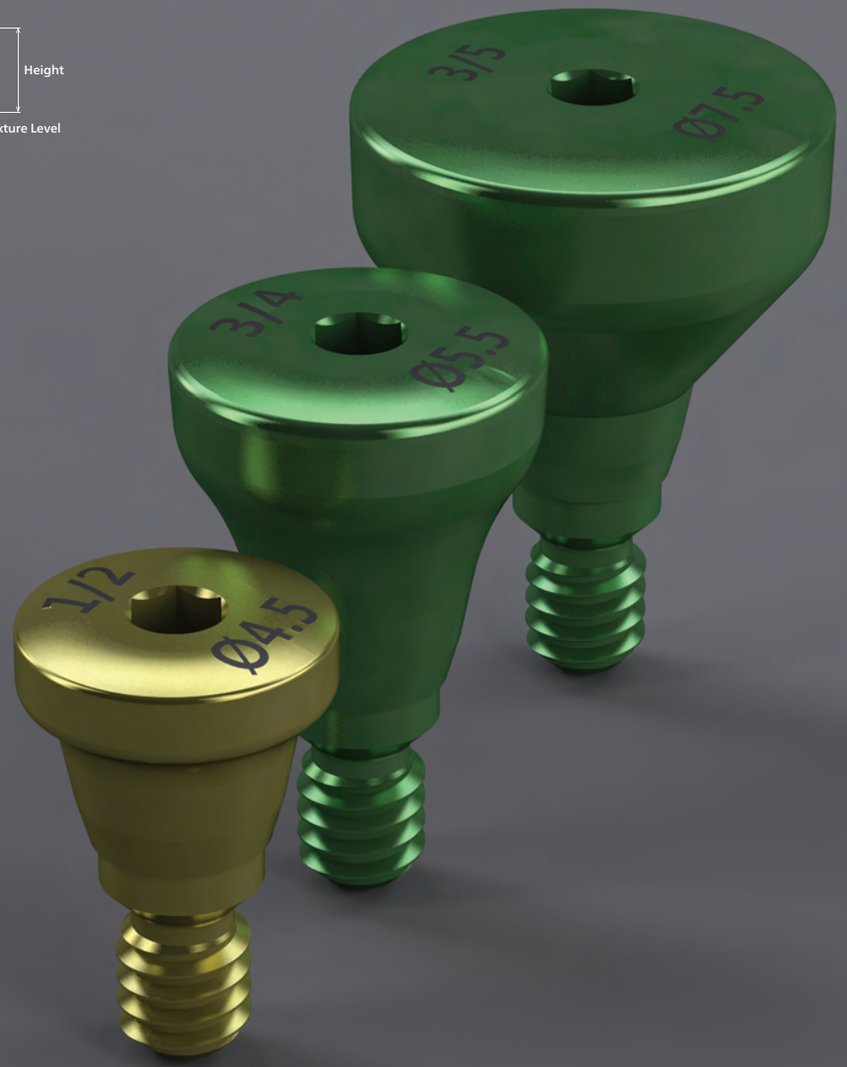
Hex driver : 1.27 | Torque : 5~10 Ncm

N UCS 16 R UCS 20

Healing
Abutment

Hex driver : 1.27
Torque : 5~10 Ncm





Healing
Abutment

(Unit: mm)

N

Cuff/Height	1.0 / 2.0	2.0 / 3.0	3.0 / 4.0	4.0 / 5.0	5.0 / 7.0	2.0 / 2.0
D Ø4.0						
	UHAN 4012	UHAN 4023	UHAN 4034	UHAN 4045	UHAN 4057	UHAN 4022

Cuff/Height	1.0 / 2.0	2.0 / 3.0	3.0 / 4.0	4.0 / 5.0	5.0 / 7.0	2.0 / 2.0
D Ø4.5						
	UHAN 4512	UHAN 4523	UHAN 4534	UHAN 4545	UHAN 4557	UHAN 4522

R

Cuff/Height	1.0 / 2.0	2.0 / 3.0	3.0 / 4.0	4.0 / 5.0	5.0 / 7.0	2.0 / 2.0
D Ø4.0						
	UHA 4012	UHA 4023	UHA 4034	UHA 4045	UHA 4057	UHA 4022

Cuff/Height	1.0 / 2.0	2.0 / 3.0	3.0 / 4.0	4.0 / 5.0	5.0 / 7.0	2.0 / 2.0
D Ø4.5						
	UHA 4512	UHA 4523	UHA 4534	UHA 4545	UHA 4557	UHA 4522

Cuff/Height	1.0 / 2.0	2.0 / 3.0	3.0 / 4.0	4.0 / 5.0	5.0 / 7.0	2.0 / 2.0
D Ø5.5						
	UHA 5512	UHA 5523	UHA 5534	UHA 5545	UHA 5557	UHAN 5522

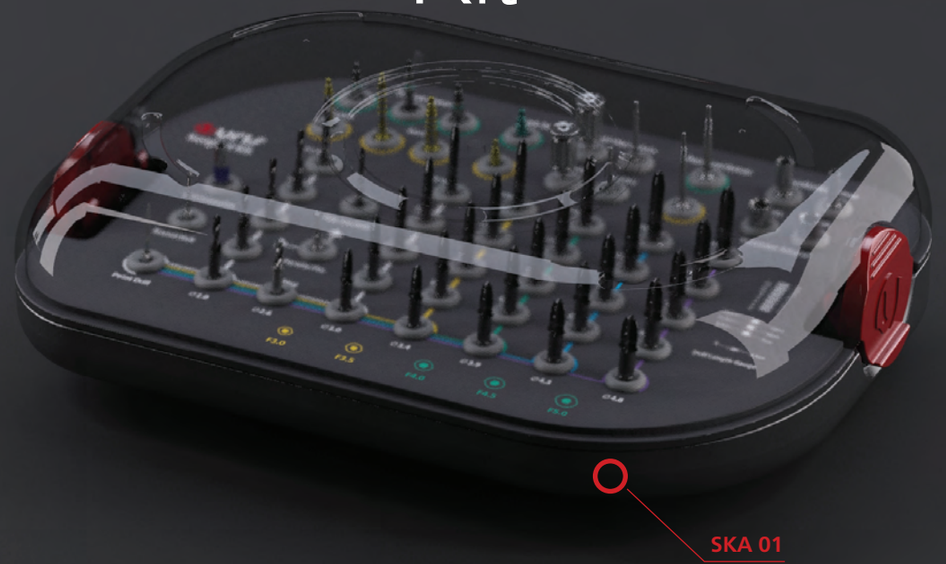
Cuff/Height	1.0 / 2.0	2.0 / 3.0	3.0 / 4.0	4.0 / 5.0	5.0 / 7.0	2.0 / 2.0
D Ø6.5						
	UHA 6512	UHA 6523	UHA 6534	UHA 6545	UHA 6557	UHA 6522

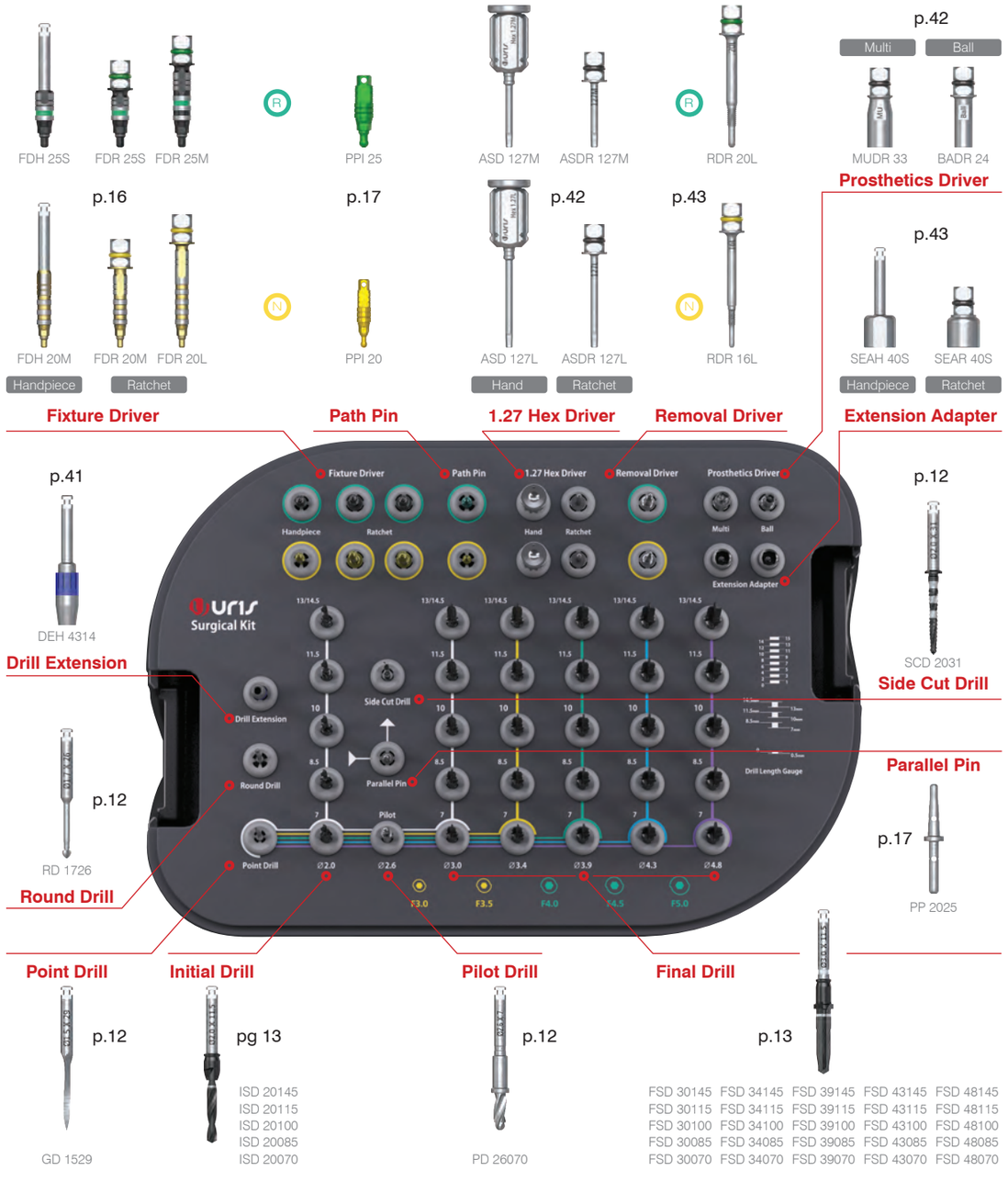
Cuff/Height	1.0 / 2.0	2.0 / 3.0	3.0 / 4.0			2.0 / 2.0
D Ø7.5						
	UHA 7512	UHA 7523	UHA 7534			UHA 7522

Surgery
Instruments

Surgical Instruments

Surgical Kit





Point
Drill

Drills through the cortical bone to create an ideal path for the next drills at the selected site.
800~1200 rpm (must use with saline water)

GD 1529

Round
Drill

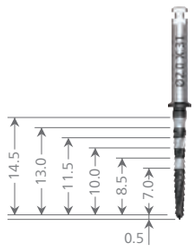
Levels out the uneven bone and to remove the remaining gingiva residue.
800~1200 rpm

RD 1726

Side Cut
Drill

Drills with the side blade to modify the drilling path.
800~1200 rpm

(Unit: mm)



SCD 2031

Pilot
Drill

Expands cortical bone to let the final drill enter the path easily.
800~1200 rpm

PD 26070

Initial
Drill

Expands the prepared site and used according to the chosen fixture's length.
800~1200 rpm

(Unit: mm)

Length	7.0	8.5	10.0	11.5	13.0	14.5
D Ø2.0						

ISD 20070 | ISD 20085 | ISD 20100 | ISD 20115 | ISD 20130 | ISD 20145

Final
Drill

The last drill used to place the Uris fixture and is available for each fixture diameter/length and bone density.
800~1200 rpm

(Unit: mm)

Length	7.0	8.5	10.0	11.5	13.0	14.5
D Ø3.0						

FSD 30070 | FSD 30085 | FSD 30100 | FSD 30115 | FSD 30130 | FSD 30145

Length 7.0 8.5 10.0 11.5 13.0 14.5

D Ø3.4

FSD 34070 FSD 34085 FSD 34100 FSD 34115 FSD 34130 FSD 34145

Length 7.0 8.5 10.0 11.5 13.0 14.5

D Ø3.9

FSD 39070 FSD 39085 FSD 39100 FSD 39115 FSD 39130 FSD 39145

Length 7.0 8.5 10.0 11.5 13.0 14.5

D Ø4.3

FSD 43070 FSD 43085 FSD 43100 FSD 43115 FSD 43130 FSD 43145

Length 7.0 8.5 10.0 11.5 13.0 14.5

D Ø4.8

FSD 48070 FSD 48085 FSD 48100 FSD 48115 FSD 48130 FSD 48145

Length 7.0 8.5 10.0 11.5 13.0 14.5

D Ø5.3

FSD 53070 FSD 53085 FSD 53100 FSD 53115 FSD 53130 FSD 53145

Length 7.0 8.5 10.0

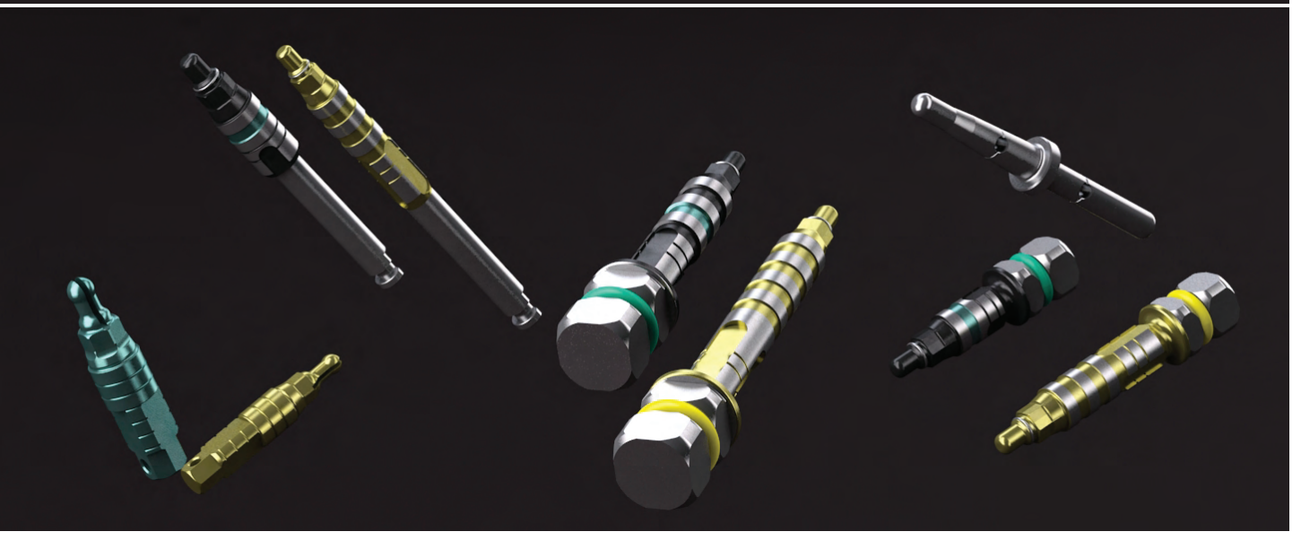
D Ø5.8

FSD 58070 FSD 58085 FSD 58100

Length 7.0 8.5 10.0

D Ø6.2

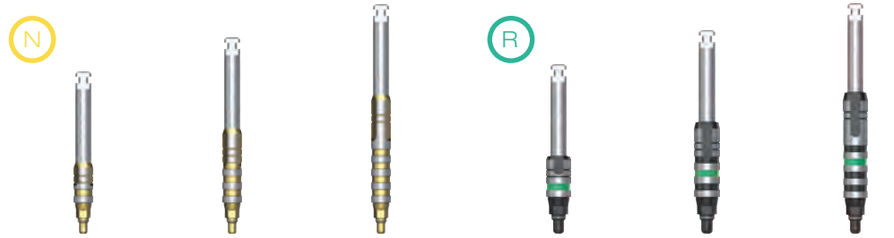
FSD 62070 FSD 62085 FSD 62100



Fixture
Driver

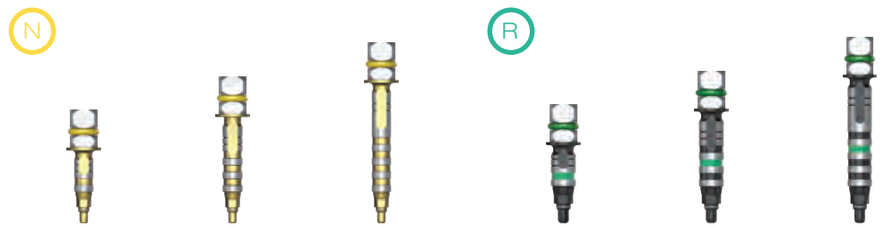
*Caution: Must torque after fully engaging into the fixture securely to avoid any breakages.

Handpiece



FDH 20S | FDH 20M | FDH 20L | FDH 25S | FDH 25M | FDH 25L

Ratchet



FDR 20S | FDR 20M | FDR 20L | FDR 25S | FDR 25M | FDR 25L

Parallel
Pin

Confirms and indicates the bone preparation location.

PP 2025

Path
Pin

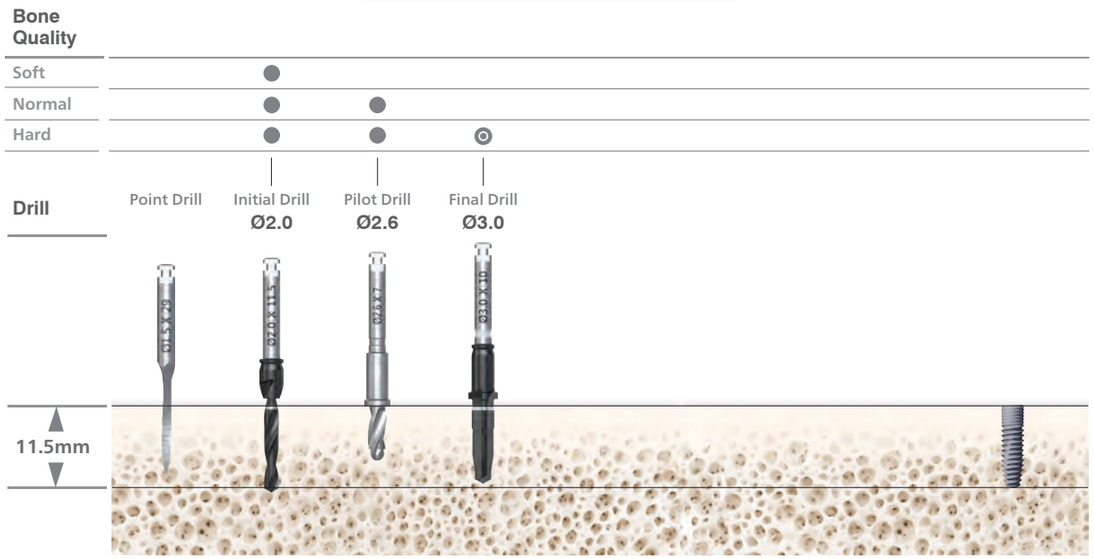
Confirms the path, the gingiva depth, the hex direction of the prosthetic connection after the placement.

PPI 20 | PPI 25

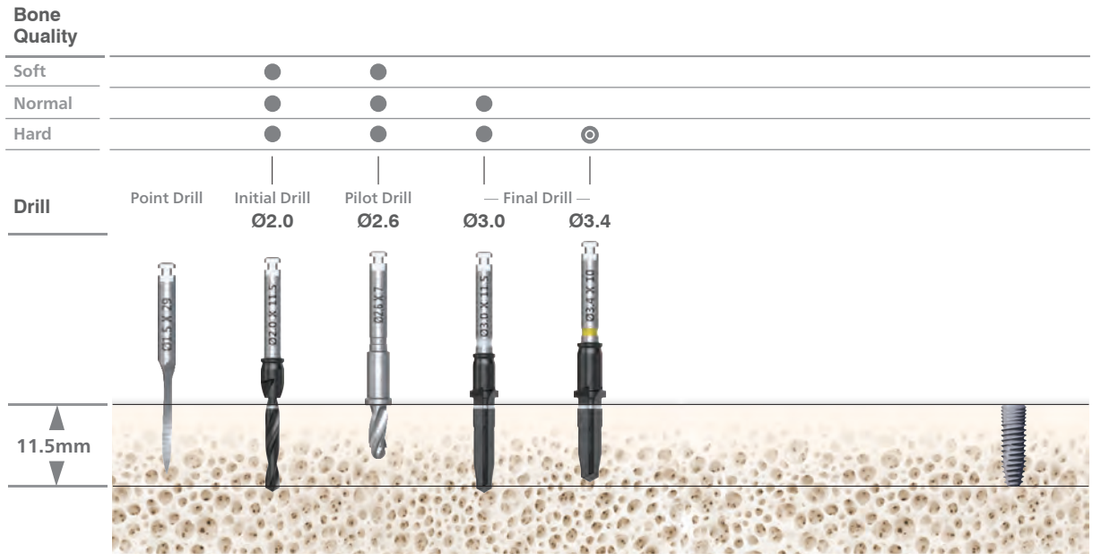
Surgical Drilling Protocol

● Required ○ Use at your discretion ◉ Requires a drill that is 1.5 mm shorter than the fixture

Implant Ø3.0 x 11.5mm

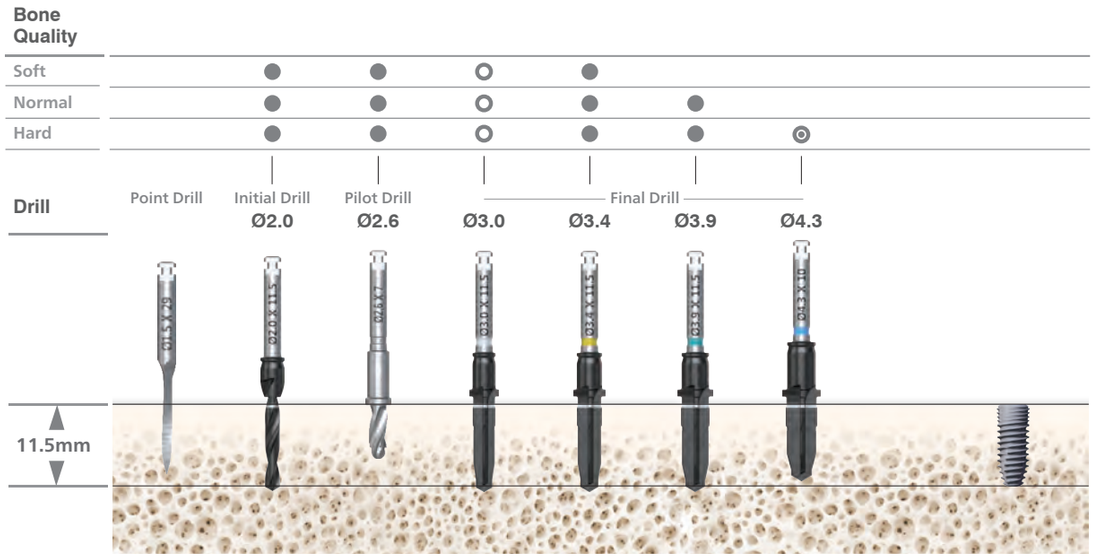


Implant Ø3.5 x 11.5mm



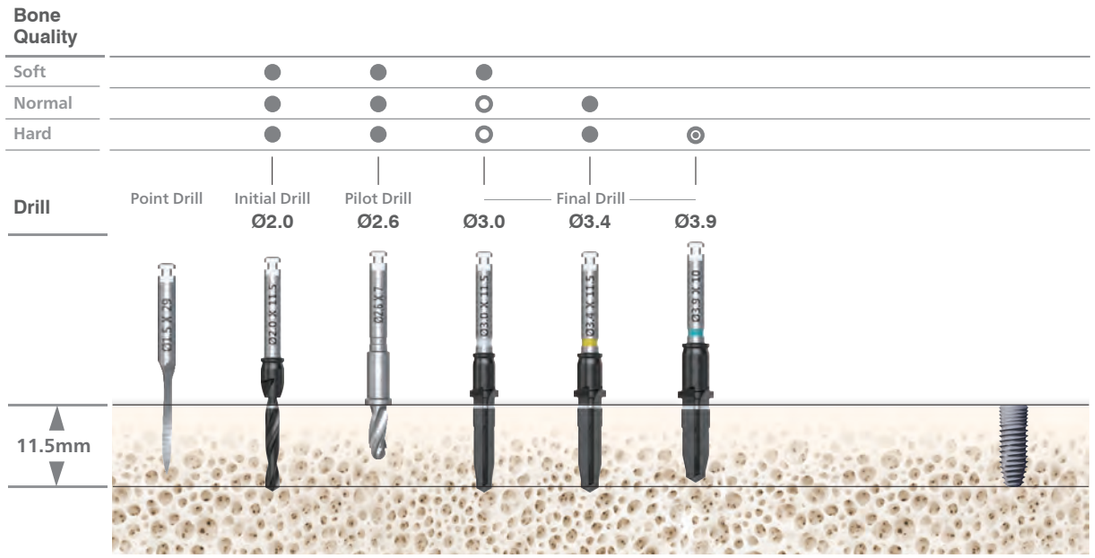
● Required ○ Use at your discretion ◎ Requires a drill that is 1.5 mm shorter than the fixture

Implant Ø4.5 x 11.5mm

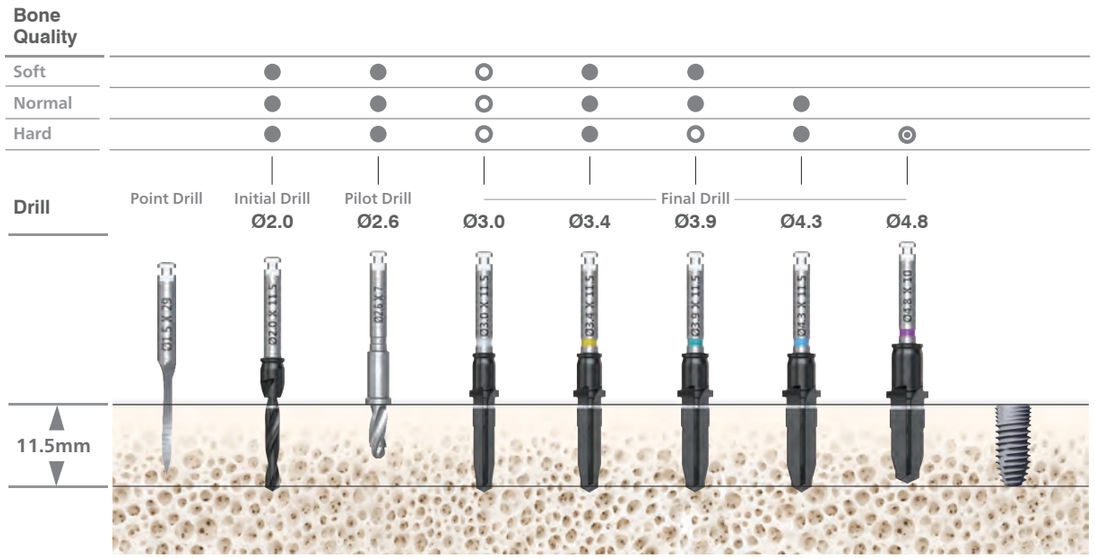


● Required ○ Use at your discretion ◎ Requires a drill that is 1.5 mm shorter than the fixture

Implant Ø4.0 x 11.5mm



Implant Ø5.0 x 11.5mm



Surgical Guide Instruments

Pylon Kit

p.43

SEAH 40S
Handpiece

SEAR 40S
Ratchet

Extension Adapter

p.41

DEH 4314

Drill Extension

p.42

ASD 127M
Hand

ASDR 127M
ASDR 127L
Ratchet

1.27 Hex Driver

BADR 24
Ball

p.42

MUDR 33
Multi

Prosthetic Driver

p.27

ESD 35
ESD 40
ESD 45
ESD 50

Socket Drill

p.27

BPN 4230
BPR 5529

Bone Profiler

p.40

AD 1413

Anchor Drill

p.40

AP 15

Anchor Pin

p.40

DMDR 23

Anchor Driver

GFDH 20
GFDH 25
Handpiece

p.28

GFDR 20L
GFDR 25L
GFDR 25095
Ratchet

Fixture Driver

Flat Drill

p.24

PBP 3526

Tissue Punch

p.24

PTP 3227

Path Drill

p.24

PPD 2005
PPD 2605

Initial Drill

p.24

GID 20145
GID 20130
GID 20115
GID 20100
GID 20085
GID 20070

Final Drill

p.25

NSD 30145	NSD 34145	NSD 39145	NSD 43145	
NSD 30130	NSD 34130	NSD 39130	NSD 43130	NSD 48130
NSD 30115	NSD 34115	NSD 39115	NSD 43115	NSD 48115
NSD 30100	NSD 34100	NSD 39100	NSD 43100	NSD 48100
NSD 30085	NSD 34085	NSD 39085	NSD 43085	NSD 48085
NSD 30070	NSD 34070	NSD 39070	NSD 43070	NSD 48070

Lower

p.41

Torque Wrench

TW 40

Titanium Bowl

TB 4762

Surgical Guide Instruments

Pylon Plus Kit

PPK 01

p.24

GID 20160 GID 20175

Initial Drill

p.24

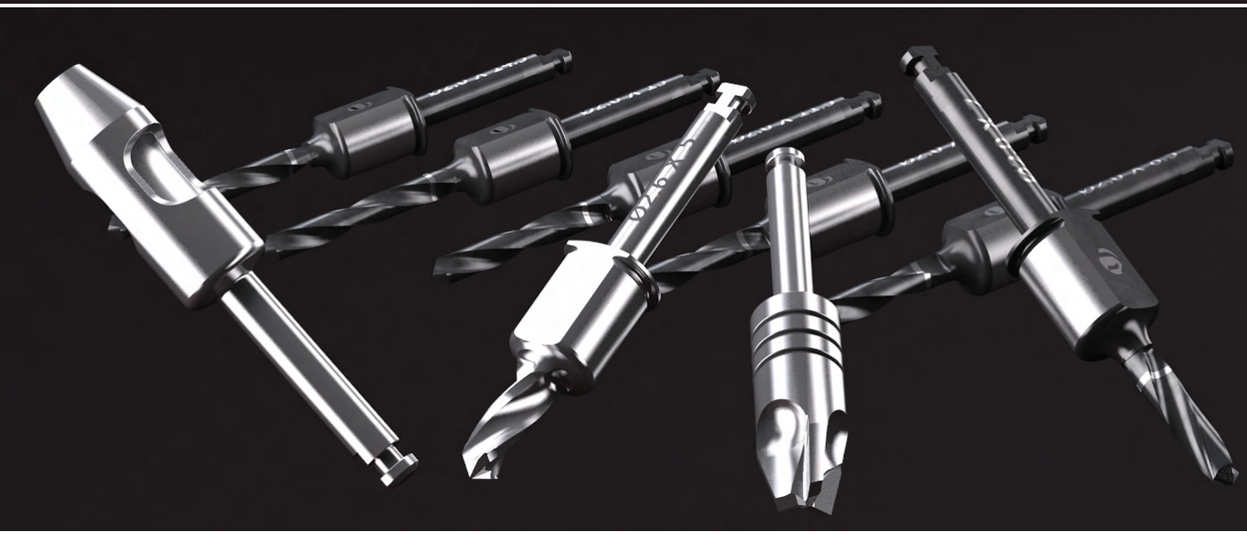
PBP 5027

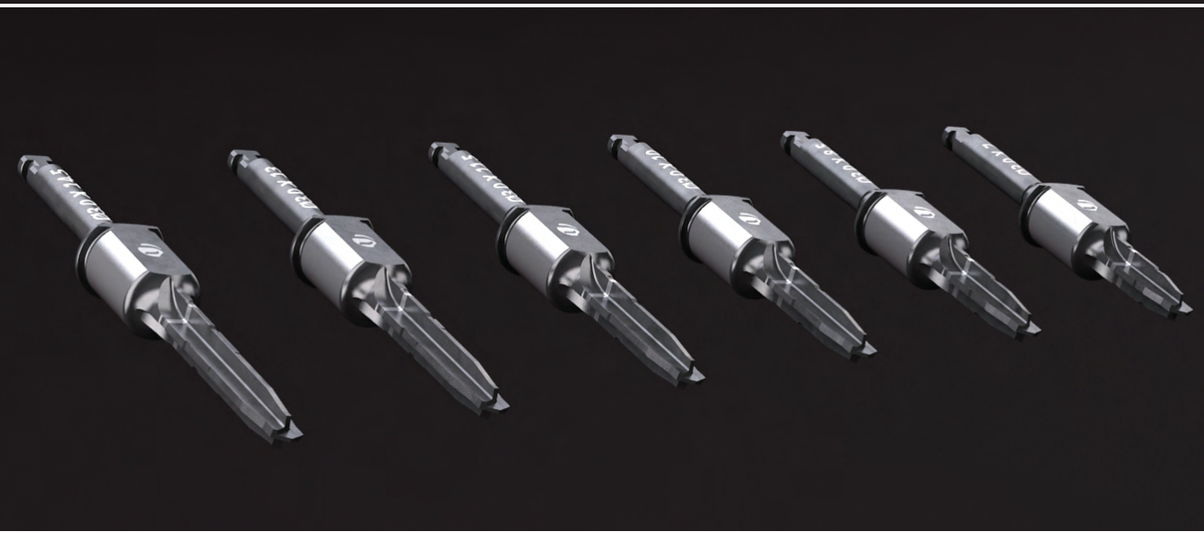
Flat Drill 5.0

Final Drill

NSD 30175 NSD 30160 | NSD 34175 NSD 34160 | NSD 39175 NSD 39160 | NSD 43175 NSD 43160

p.25

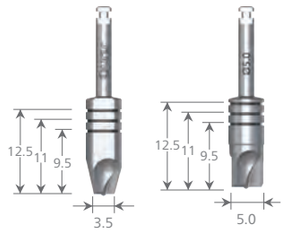




Flat
Drill

Flattens out uneven bone and also removes remaining gingiva residue after tissue punching.

(Unit: mm)



PBP 3526 PBP 5027

Tissue
Punch

Removes soft tissue during a flap-less surgery.

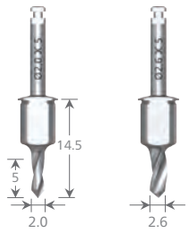
(Unit: mm)

PTP 3227

Path
Drill

Increases the accuracy of the drilling path.

(Unit: mm)



PPD 2005 PPD 2605

Tissue Punch / Path Drill / Initial Drill
Low speed: 50~100 rpm; within 5 seconds with high torque | High speed: 800~1200 rpm (use irrigation)

Initial
Drill

Expands the drilling path by the chosen fixture's length.

(Unit: mm)

Length 1	7.0	8.5	10.0	11.5	13.0	14.5	16.0	17.5
Length 2	17.0	18.5	20.0	21.5	23.0	24.5	26.0	27.5
D Ø2.0								

GID 20070 GID 20085 GID 20100 GID 20115 GID 20130 GID 20145 GID 20160 GID 20175

Final
Drill

Used as the last drill to place an Uris fixture and is selected according to the fixture diameter and bone density.
Low speed: 50~100 rpm; within 5 seconds with high torque
High speed: 800~1200 rpm (use irrigation)

(Unit: mm)

Length 1	7.0	8.5	10.0	11.5	13.0	14.5	16.0	17.5
Length 2	17.1	18.6	20.1	21.6	23.1	24.6	26.1	27.6
D Ø3.0								

NSD 30070 NSD 30085 NSD 30100 NSD 30115 NSD 30130 NSD 30145 NSD 30160 NSD 30175

Length 1	7.0	8.5	10.0	11.5	13.0	14.5	16.0	17.5
Length 2	17.1	18.6	20.1	21.6	23.1	24.6	26.1	27.6
D Ø3.4								

NSD 34070 NSD 34085 NSD 34100 NSD 34115 NSD 34130 NSD 34145 NSD 34160 NSD 34175

Length 1	7.0	8.5	10.0	11.5	13.0	14.5	16.0	17.5
Length 2	17.1	18.6	20.1	21.6	23.1	24.6	26.1	27.6
D Ø3.9								

NSD 390**70** NSD 390**85** NSD 39**100** NSD 39**115** NSD 39**130** NSD 39**145** NSD 39**160** NSD 39**175**

Length 1	7.0	8.5	10.0	11.5	13.0	14.5	16.0	17.5
Length 2	17.1	18.6	20.1	21.6	23.1	24.6	26.1	27.6
D Ø4.3								

NSD 430**70** NSD 430**85** NSD 43**100** NSD 43**115** NSD 43**130** NSD 43**145** NSD 43**160** NSD 43**175**

Length 1	7.0	8.5	10.0	11.5	13.0	14.5
Length 2	17.2	18.7	20.2	21.7	23.2	24.7
D Ø4.8						

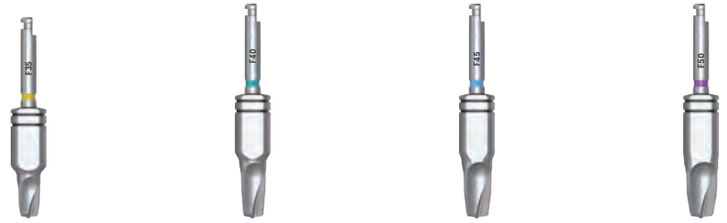
NSD 480**70** NSD 480**85** NSD 48**100** NSD 48**115** NSD 48**130** NSD 48**145**

Socket Drill

Cuts the ridge of the extracted site by the fixture's diameter size, preventing drill slippage caused by remaining bone residue.
800~1200 rpm

(Unit: mm)

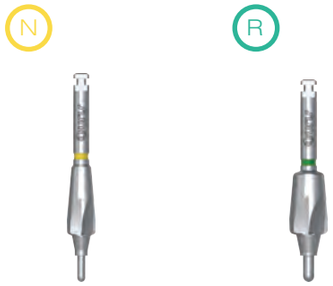
Diameter	Ø3.5	Ø4.0	Ø4.5	Ø5.0



ESD 35 ESD 40 ESD 45 ESD 50

Bone Profiler

Contours the bone around the coronal aspect to facilitate full seating of the abutment after removing the surgical guide.
800~1200 rpm



BPN 4230 BPR 5529

Fixture
Driver

A tool that delivers the fixture.

Handpiece

*Caution: Not recommended on hard bone. Do NOT torque over 25 Ncm and should not drill deeper than 6.5 mm.
Needs to be torqued with a ratchet driver as the final step.

N

GFDH 20

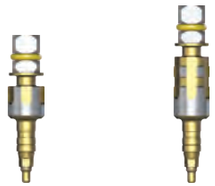
R

GFDH 25

Ratchet

Recommended Torque Value: 30 Ncm ~ 45 Ncm

N



GFDR 20S GFDR 20L

R

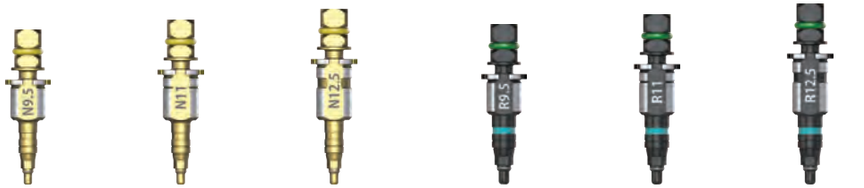
GFDR 25S GFDR 25L

Ratchet

Recommended Torque Value: 30 Ncm ~ 45 Ncm

Stopper

N



GFDR 20095 GFDR 20110 GFDR 20125

R

GFDR 25095 GFDR 25110 GFDR 25125

Sleeve

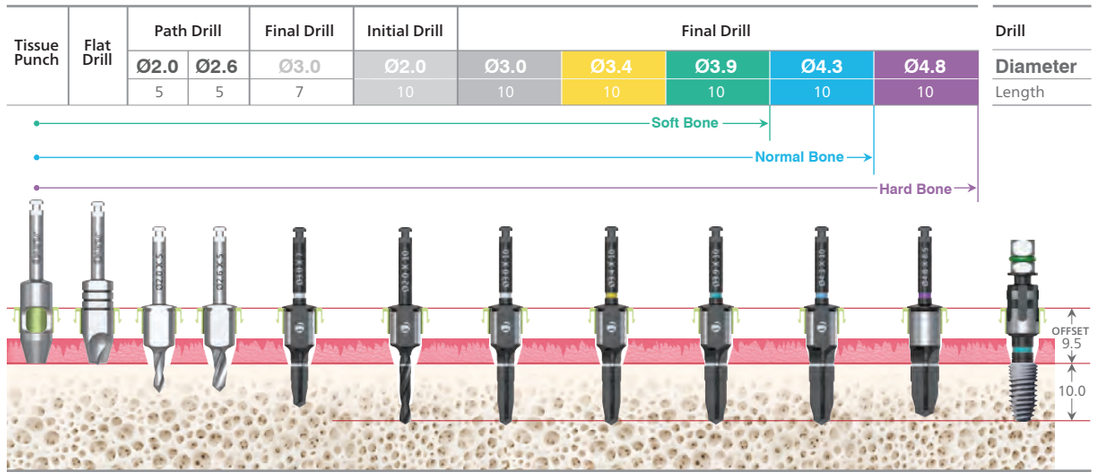
NS 53GR

Pylon Kit
Guide Drilling Protocol

Implant Ø5.0 x 10.0mm

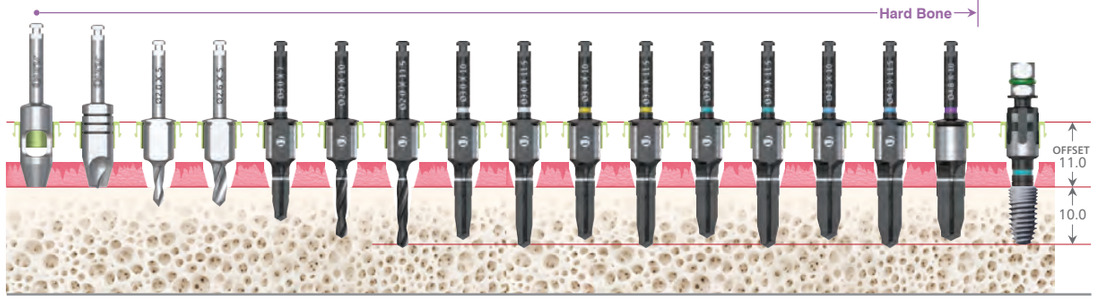
Guide Sleeve Offset 9.5

Tissue Punch	Flat Drill	Path Drill		Final Drill	Initial Drill	Final Drill				Drill
		Ø2.0	Ø2.6	Ø3.0	Ø2.0	Ø3.0	Ø3.4	Ø3.9	Ø4.3	Ø4.8	Diameter
		5	5	7	10	10	10	10	10	10	Length



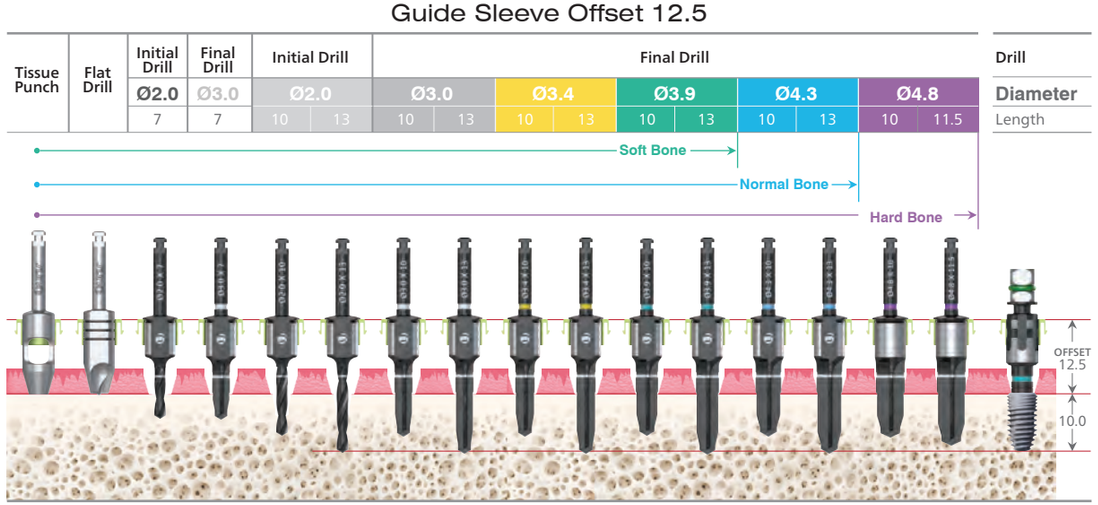
Guide Sleeve Offset 11.0

Tissue Punch	Flat Drill	Path Drill		Final Drill	Initial Drill		Final Drill								Drill
		Ø2.0	Ø2.6	Ø3.0	Ø2.0		Ø3.0		Ø3.4		Ø3.9		Ø4.3	Ø4.8	Diameter
		5	5	7	10	11.5	10	11.5	10	11.5	10	11.5	10	11.5	10	Length



Guide Sleeve Offset 12.5

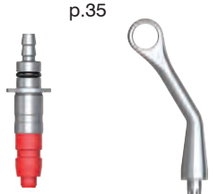
Tissue Punch	Flat Drill	Initial Drill	Final Drill	Initial Drill		Final Drill								Drill
		Ø2.0	Ø3.0	Ø2.0		Ø3.0		Ø3.4		Ø3.9		Ø4.3		Ø4.8		Diameter
		7	7	10	13	10	13	10	13	10	13	10	13	10	11.5	Length



Surgical Guide Instruments

Pylon Crestal Sinus Kit

p.35



PSME 8027
Membrane Elevator

PHME 6537
Carrier

Hydraulic Sinus Elevator

p.43

SEAH 40S
Handpiece

SEAR 40S
Ratchet

Extension Adapter

p.28

GFDH 25
Handpiece

GFDR 25L
Ratchet

GFDR 25095
Ratchet

Fixture Driver

p.42

ASD 127M
Hand

1.27 Hex Driver

p.41

DEH 4314

Drill Extension

PSBC 9095 p.36
Bone Condenser Handle

p.36

PSDG 28195

Depth Gauge

Tissue Punch

p.24

PTP 3227

Flat Drill

p.24

PBP 3526

Initial Drill

p.33

PSID 20160
PSID 20150
PSID 20140
PSID 20130
PSID 20120

Step Drill

p.33

PSMD 27160
PSMD 27150
PSMD 27140
PSMD 27130
PSMD 27120

Sinus Drill

p.34

PSRD 32210
PSRD 32180
PSRD 32170
PSRD 32160
PSRD 32150
PSRD 32140
PSRD 32130

Final Drill

p.34

PSFD 39155
PSFD 39180
PSFD 43155
PSFD 43180

Bone Condenser

p.36

PSBC 28170
PSBC 28120
PSBC 28090
PSBC 28060

Lower

p.41 **Torque Wrench**

TW 40

Titanium Bowl

TB 4762

Membrane Elevator Tube

PSMET 00

Initial Drill

Enlarges the osteotomy site. Do NOT drill deeper than 0.5~1.0 mm directly below the maxillary sinus floor.
Low speed: 50~100 rpm; within 5 seconds with high torque
High speed: 800~1200 rpm (use irrigation)

(Unit: mm)

Length	12.0	13.0	14.0	15.0	16.0
D Ø2.0					
	PSID 20120	PSID 20130	PSID 20140	PSID 20150	PSID 20160

Step Drill

Used after the D2.0 initial drill to enlarge the osteotomy site. Do NOT drill deeper than 0.5~1.0 mm directly below the maxillary sinus floor.
Low speed: 50~100 rpm; within 5 seconds with high torque
High speed: 800~1200 rpm (use irrigation)

(Unit: mm)

Length	12.0	13.0	14.0	15.0	16.0
D Ø2.7					
	PSMD 27120	PSMD 27130	PSMD 27140	PSMD 27150	PSMD 27160

Sinus Drill

Used to approach the sinus membrane and should drill 1~2 mm deeper than the step drill.
Low speed: 50~100 rpm; within 5 seconds with high torque (*Drill while applying pressure)
High speed: PROHIBITED

(Unit: mm)

Length	13.0	14.0	15.0	16.0	17.0	18.0	21.0
D Ø3.2							

PSRD 32130 PSRD 32140 PSRD 32150 PSRD 32160 PSRD 32170 PSRD 32180 PSRD 32210

Final Drill

Used with a surgical guide after bone grafting.
Low speed: 50~100 rpm; within 5 seconds with high torque

(Unit: mm)

Length	15.5	18.0
D Ø3.9		

PSFD 39155 PSFD 39180

Length	15.5	18.0
D Ø4.3		

PSFD 43155 PSFD 43180

Membrane Elevator Carrier

Delivers the membrane elevator.
Needs to be engaged onto a handle.

PHME 6537

Membrane Elevator

Lifts sinus membrane with hydraulic pressure.
Needs to be engaged onto a carrier.

PSME 8027

Membrane Elevator Tube

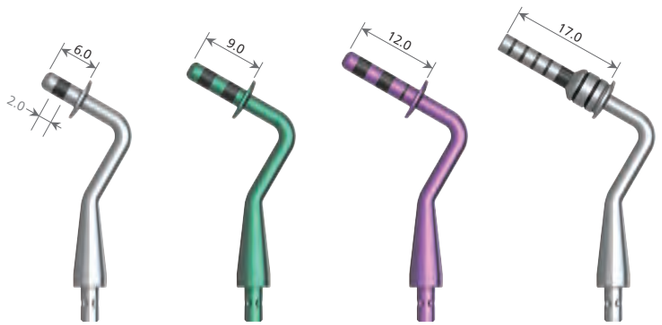
A transparent silicon tube.
Outer D4.0/Inner D2.0/Length 300 mm | Autoclave before use | Single use only

PSMET 00

Bone
Condenser

Inserts bone graft materials into inferior wall once the wall is completely opened.
Used after removing the surgical guide.

(Unit: mm)

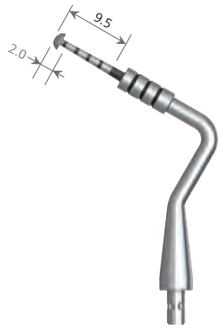


PSBC 28060 PSBC 28090 PSBC 28120 PSBC 28170

Depth
Gauge

Measures depth with measurement markings at the tip.

(Unit: mm)



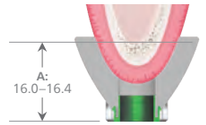
PSDG 28195

Bone Condenser
Handle

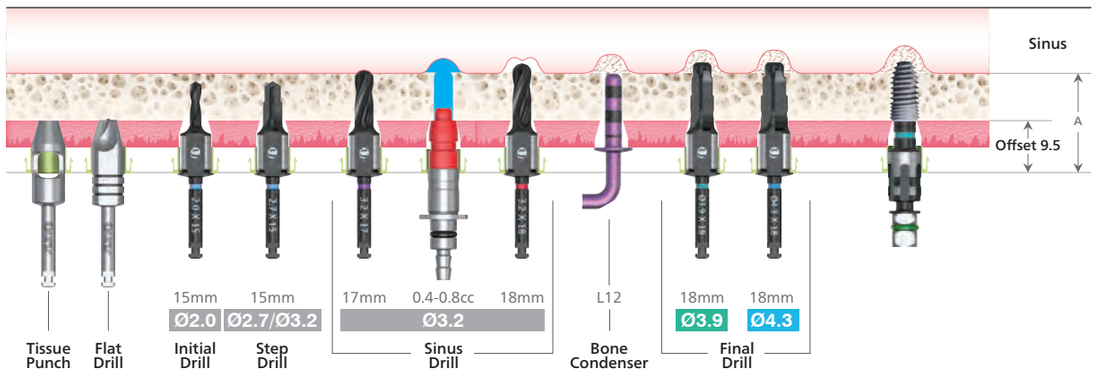
PSBC 9095

Pylon Crestal Sinus Kit
Guide Drilling Protocol

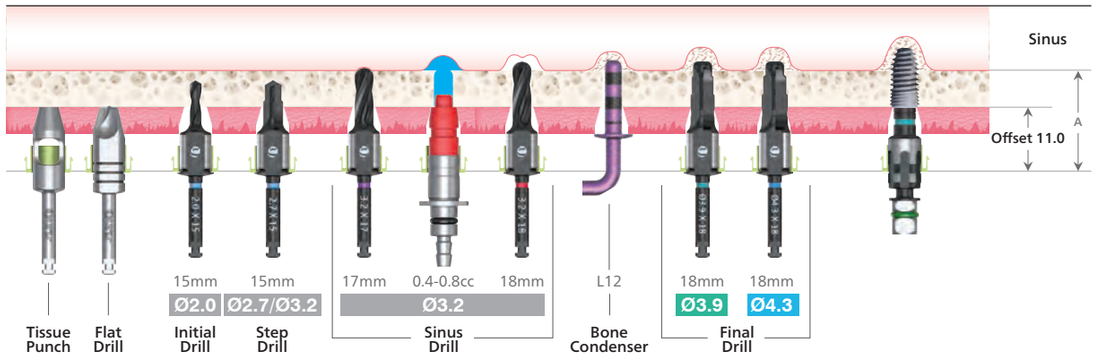
Implant Ø5.0



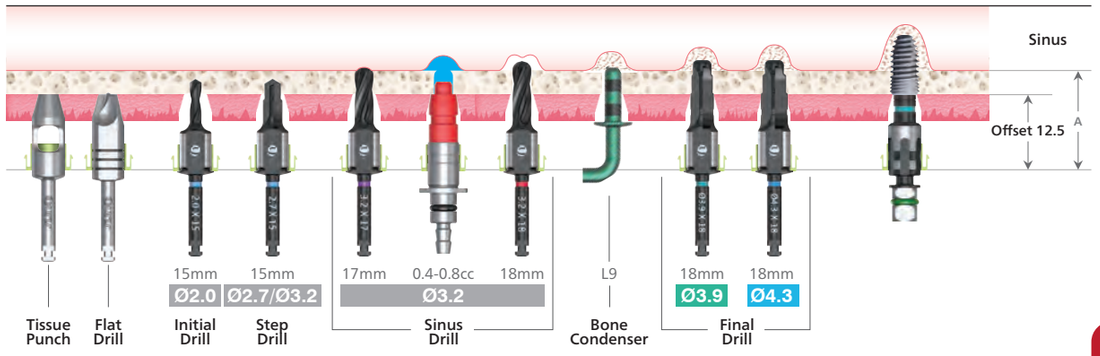
Guide Sleeve Offset 9.5



Guide Sleeve Offset 11.0



Guide Sleeve Offset 12.5



Pylon Anchor Kit

PAK 01

p.40

PAI 2007

Fixation Pin

p.40

PADH 23

Anchor Driver

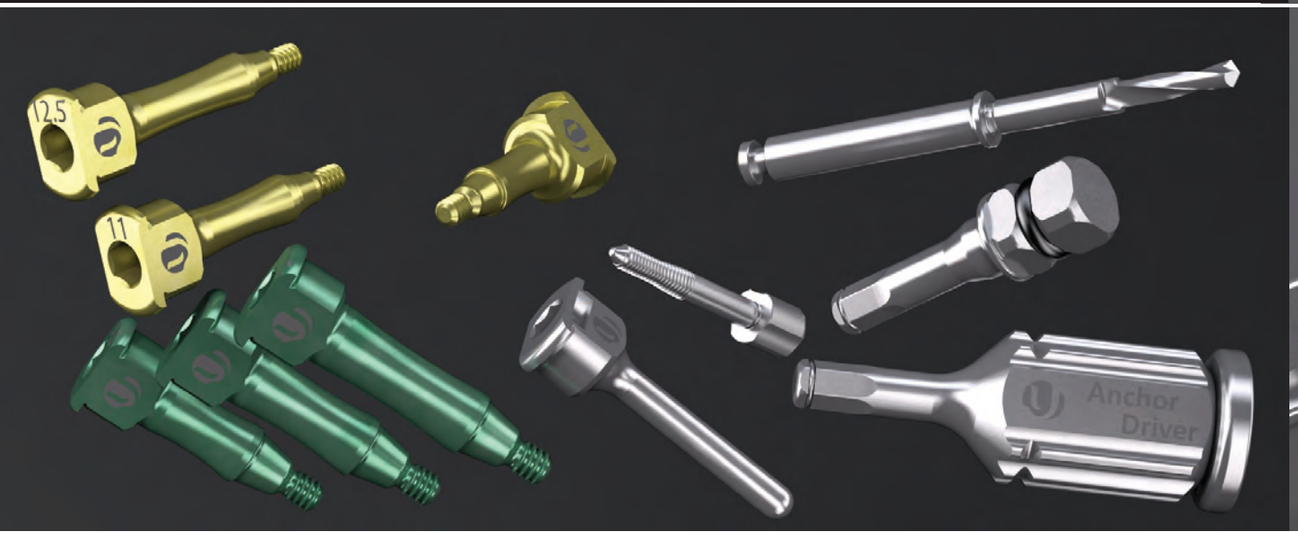
Fixation Screw

N

p.40

R

PAF 095N | PAF 110N | PAF 125N | PAF 095R | PAF 110R | PAF 125R

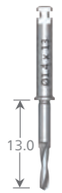


Instrument

Anchor **Drill**

Drills a hole on the bone for the anchor pin.

(Unit: mm)

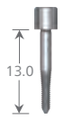


AD 1413

Anchor **Pin**

Holds the surgical guide onto the bone. Mostly used in an edentulous case.

(Unit: mm)



AP 15

Fixation **Pin**

Holds the surgical guide after the 2.0 drill before the fixture delivery.

(Unit: mm)

1.96

PAI 2007

Drill **Extension**

DEH 4314

Torque **Wrench**

TW 40

Fixation **Screw**

Holds the surgical guide after the fixture delivery.

(Unit: mm)

Offset	9.5	11.0	12.5
N	 PAF 095N	 PAF 110N	 PAF 125N
R	 PAF 095R	 PAF 110R	 PAF 125R

Anchor **Driver**

Tightens down the anchor pin.

Ratchet

DMDR 23

Hand

PADH 23

Depth **Gauge**

Measures the depth of a drilling hole.

DGMW 75

Titanium **Bowl**

TB 4762

Prosthetic Instrument

1.27 Hex
Driver

*Caution: Must be properly engaged and used at the recommended torque value.

Handpiece

ASDH 127S ASDH 127M ASDH 127L ASDH 127LL

Ratchet

ASDR 127S ASDR 127M ASDR 127L ASDR 127LL

Hand

ASD127M ASD 127L

Ball
Driver

Compatible with the ball abutment.

BADR 24

Multi-Unit
Driver

Compatible with Straight Multi-Unit abutment.

MUDR 33

T:LOC
Straight Driver

Compatible with T:LOC abutments

TLC-TSLD13

Angulated Screw Channel
Driver

*Caution:
Must be properly engaged and torqued at the recommended torque value of 20~25 Ncm within 25°.

Handpiece

AADH 135S AADH 135M AADH 135L

Ratchet

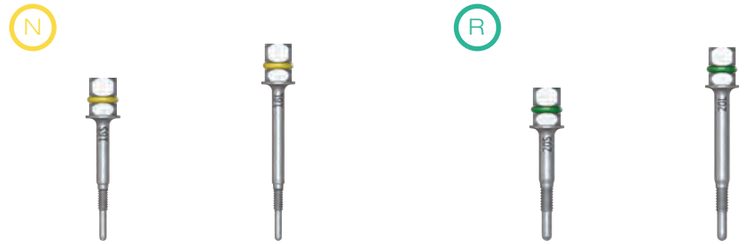
AADR 135S AADR 135M AADR135L

Hand

ASD 135M ASD 135L

Removal
Driver

Used to remove the abutment off the fixture. Needs to be inserted upright and tightened clockwise.



RDR 16S RDR 16L RDR 20S RDR 20L

Extension
Adapter

Extends the instrument's length.

(Unit: mm)

Handpiece

SEAH 40S SEAH 40L

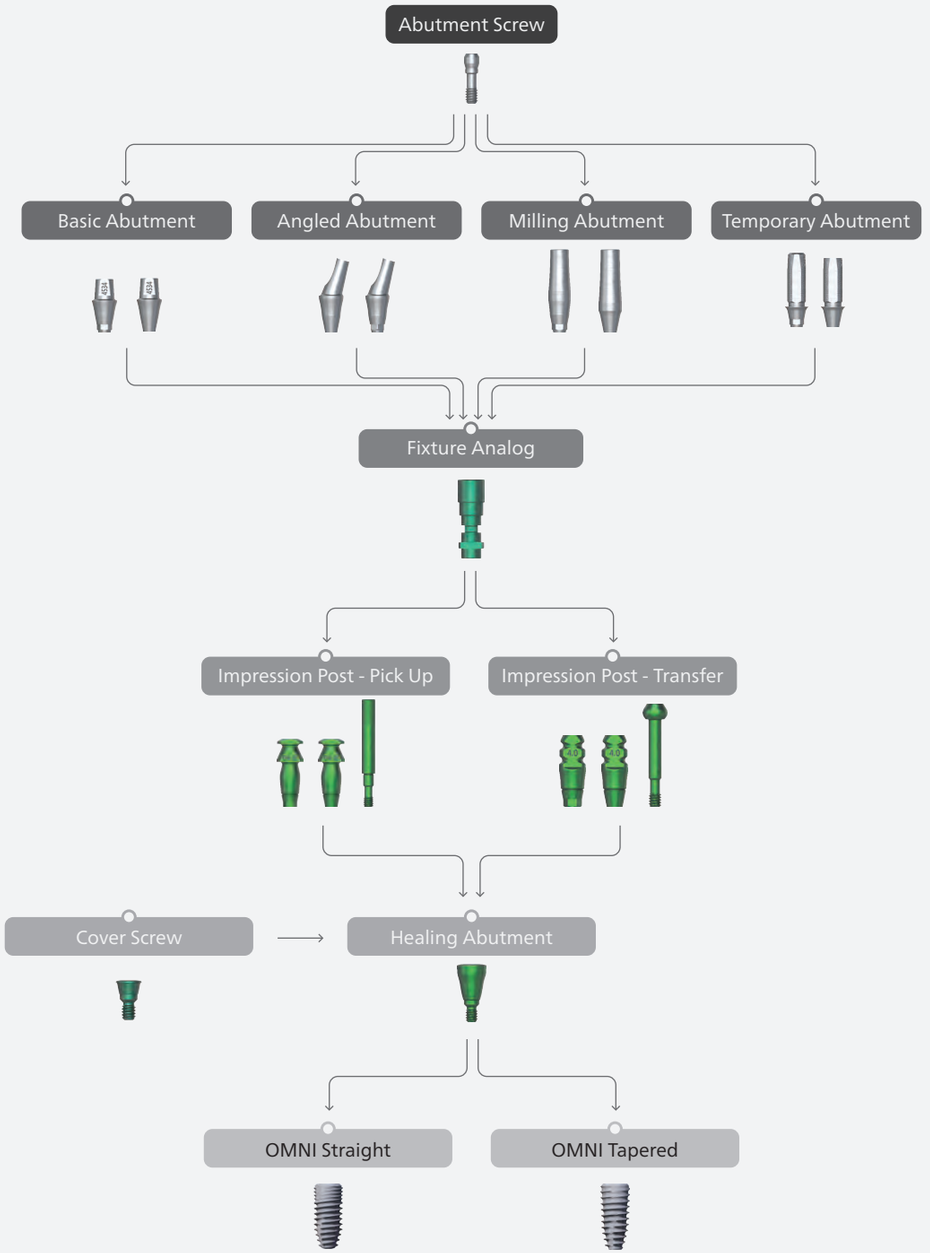
Ratchet

SEAR 40S SEAR 40L

Prosthetics

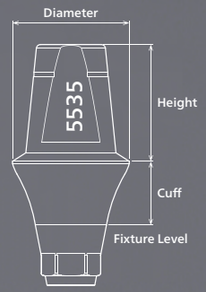
Fixture Level Impression

Flowchart



Basic
Abutment
Hex Type

Hex driver : 1.27
Torque: Narrow[20 Ncm]/Regular[30 Ncm]
Packing unit : Basic Abutment_Hex Type + Abutment Screw
Order Code : ex) UDA 5534H



Basic
Abutment

(Unit: mm)

N

Cuff		1.0	2.0	3.0	4.0	5.0	6.0
D Ø4.0							
Height	4.0	UDAN 4014H	UDAN 4024H	UDAN 4034H	UDAN 4044H	UDAN 4054H	UDAN 4064H
	5.5	UDAN 4015H	UDAN 4025H	UDAN 4035H	UDAN 4045H	UDAN 4055H	UDAN 4065H
	7.0	UDAN 4017H	UDAN 4027H	UDAN 4037H	UDAN 4047H	UDAN 4057H	UDAN 4067H

Cuff		1.0	2.0	3.0	4.0	5.0	6.0
D Ø4.5							
Height	4.0	UDAN 4514H	UDAN 4524H	UDAN 4534H	UDAN 4544H	UDAN 4554H	UDAN 4564H
	5.5	UDAN 4515H	UDAN 4525H	UDAN 4535H	UDAN 4545H	UDAN 4555H	UDAN 4565H
	7.0	UDAN 4517H	UDAN 4527H	UDAN 4537H	UDAN 4547H	UDAN 4557H	UDAN 4567H

R

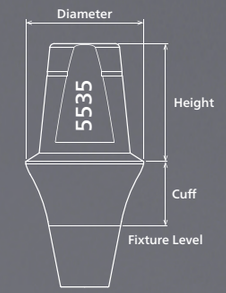
Cuff		1.0	2.0	3.0	4.0	5.0	6.0
D Ø4.5							
Height	4.0	UDA 4514H	UDA 4524H	UDA 4534H	UDA 4544H	UDA 4554H	UDA 4564H
	5.5	UDA 4515H	UDA 4525H	UDA 4535H	UDA 4545H	UDA 4555H	UDA 4565H
	7.0	UDA 4517H	UDA 4527H	UDA 4537H	UDA 4547H	UDA 4557H	UDA 4567H

Cuff		1.0	2.0	3.0	4.0	5.0	6.0
D Ø5.5							
Height	4.0	UDA 5514H	UDA 5524H	UDA 5534H	UDA 5544H	UDA 5554H	UDA 5564H
	5.5	UDA 5515H	UDA 5525H	UDA 5535H	UDA 5545H	UDA 5555H	UDA 5565H
	7.0	UDA 5517H	UDA 5527H	UDA 5537H	UDA 5547H	UDA 5557H	UDA 5567H

Cuff		1.0	2.0	3.0	4.0	5.0	6.0
D Ø6.5							
Height	4.0	UDA 6514H	UDA 6524H	UDA 6534H	UDA 6544H	UDA 6554H	UDA 6564H
	5.5	UDA 6515H	UDA 6525H	UDA 6535H	UDA 6545H	UDA 6555H	UDA 6565H
	7.0	UDA 6517H	UDA 6527H	UDA 6537H	UDA 6547H	UDA 6557H	UDA 6567H

Basic
Abutment
Non Hex Type

Hex driver : 1.27
Torque: Narrow[20 Ncm]/Regular[30 Ncm]
Packing unit : Basic Abutment_Non Hex Type + Abutment Screw
Order Code : ex) UDA 5534N



Basic
Abutment

(Unit: mm)

N

Cuff		1.0	2.0	3.0	4.0	5.0	6.0
D Ø4.0							
Height	4.0	UDAN 4014N	UDAN 4024N	UDAN 4034N	UDAN 4044N	UDAN 4054N	UDAN 4064N
	5.5	UDAN 4015N	UDAN 4025N	UDAN 4035N	UDAN 4045N	UDAN 4055N	UDAN 4065N
	7.0	UDAN 4017N	UDAN 4027N	UDAN 4037N	UDAN 4047N	UDAN 4057N	UDAN 4067N

Cuff		1.0	2.0	3.0	4.0	5.0	6.0
D Ø4.5							
Height	4.0	UDAN 4514N	UDAN 4524N	UDAN 4534N	UDAN 4544N	UDAN 4554N	UDAN 4564N
	5.5	UDAN 4515N	UDAN 4525N	UDAN 4535N	UDAN 4545N	UDAN 4555N	UDAN 4565N
	7.0	UDAN 4517N	UDAN 4527N	UDAN 4537N	UDAN 4547N	UDAN 4557N	UDAN 4567N

R

Cuff		1.0	2.0	3.0	4.0	5.0	6.0
D Ø4.5							
Height	4.0	UDA 4514N	UDA 4524N	UDA 4534N	UDA 4544N	UDA 4554N	UDA 4564N
	5.5	UDA 4515N	UDA 4525N	UDA 4535N	UDA 4545N	UDA 4555N	UDA 4565N
	7.0	UDA 4517N	UDA 4527N	UDA 4537N	UDA 4547N	UDA 4557N	UDA 4567N

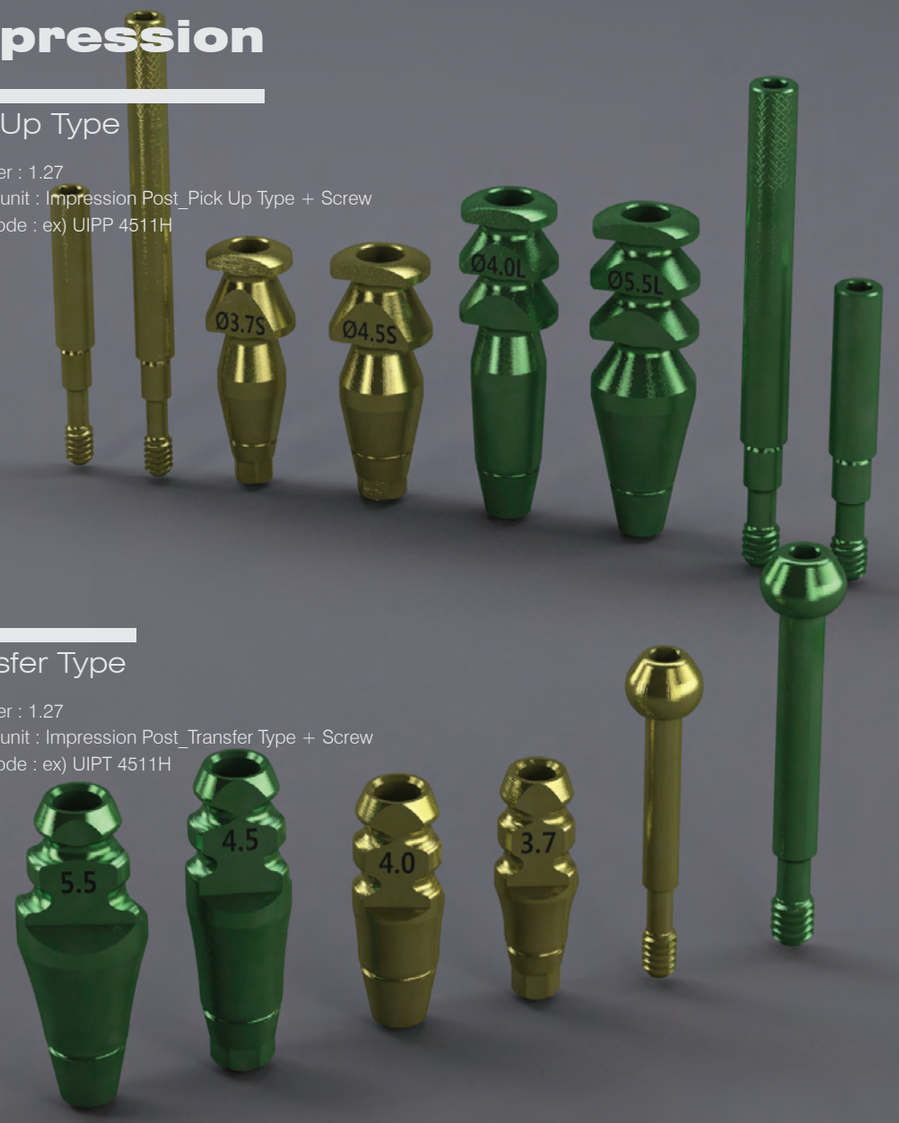
Cuff		1.0	2.0	3.0	4.0	5.0	6.0
D Ø5.5							
Height	4.0	UDA 5514N	UDA 5524N	UDA 5534N	UDA 5544N	UDA 5554N	UDA 5564N
	5.5	UDA 5515N	UDA 5525N	UDA 5535N	UDA 5545N	UDA 5555N	UDA 5565N
	7.0	UDA 5517N	UDA 5527N	UDA 5537N	UDA 5547N	UDA 5557N	UDA 5567N

Cuff		1.0	2.0	3.0	4.0	5.0	6.0
D Ø6.5							
Height	4.0	UDA 6514N	UDA 6524N	UDA 6534N	UDA 6544N	UDA 6554N	UDA 6564N
	5.5	UDA 6515N	UDA 6525N	UDA 6535N	UDA 6545N	UDA 6555N	UDA 6565N
	7.0	UDA 6517N	UDA 6527N	UDA 6537N	UDA 6547N	UDA 6557N	UDA 6567N

Impression
Post

Pick Up Type

Hex driver : 1.27
Packing unit : Impression Post_Pick Up Type + Screw
Order Code : ex) UIPP 4511H



Transfer Type

Hex driver : 1.27
Packing unit : Impression Post_Transfer Type + Screw
Order Code : ex) UIPT 4511H

Fixture
Analog

Impression
Post

Pick Up Type

(Unit: mm)

N

R

D Ø4.0	UIPP 4011H	UIPP 4011N	UIPPS 16	UIPPS 20	UIPP 4015H	UIPP 4015N	UIPPS 22	UIPPS 26
D Ø4.5	UIPP 4511H	UIPP 4511N			UIPP 4515H	UIPP 4515N		
D Ø5.5	UIPP 5511H	UIPP 5511N			UIPP 5515H	UIPP 5515N		

Impression

Post

Transfer Type

(Unit: mm)

N

Height	11.0			15.0		
D Ø3.7	Hex	Non-Hex		Hex	Non-Hex	
						
	UIPTN 3711H	UIPTN 3711N	UIPTNS 16	UIPTN 3714H	UIPTN 3714N	UIPTNS 19

R

Height	11.0			15.0		
	Hex	Non-Hex		Hex	Non-Hex	
						
D Ø4.0	UIPT 4011H	UIPT 4011N	UIPTS 16	UIPT 4014H	UIPT 4014N	UIPTS 19
D Ø4.5	UIPT 4511H	UIPT 4511N		UIPT 4514H	UIPT 4514N	
D Ø5.5	UIPT 5511H	UIPT 5511N		UIPT 5514H	UIPT 5514N	

Fixture

Analog

N

UDAG 35

R

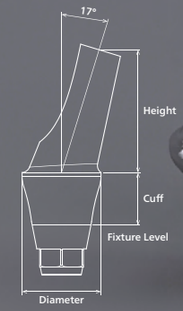
UDAG 40

Angled

Abutment 17°

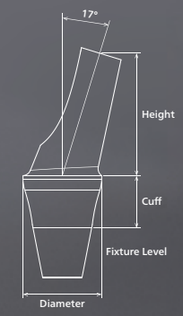
Hex Type

Hex driver : 1.27
Torque: Narrow[20 Ncm]/Regular[30 Ncm]
Packing unit : Angled Abutment_Hex Type + Abutment Screw
Order Code : ex) U17AA 4537H



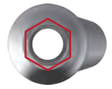
Non Hex Type

Hex driver : 1.27
Torque: Narrow[20 Ncm]/Regular[30 Ncm]
Packing unit : Angled Abutment_Non Hex Type + Abutment Screw
Order Code : ex) U17AA 4537N



Angled
Abutment 17°

(Unit: mm)



(Bottom View / Scale 1:2.5)

N

Cuff	2.0	3.0	4.0	5.0
D Ø4.0	 U17AAN 4027H	 U17AAN 4037H	 U17AAN 4047H	 U17AAN 4057H

R

Cuff	2.0	3.0	4.0	5.0
D Ø4.5	 U17AA 4527H	 U17AA 4537H	 U17AA 4547H	 U17AA 4557H
D Ø5.5	 U17AA 5527H	 U17AA 5537H	 U17AA 5547H	 U17AA 5557H

N

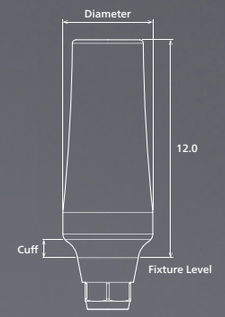
Cuff	2.0	3.0	4.0	5.0
D Ø4.0	 U17AAN 4027N	 U17AAN 4037N	 U17AAN 4047N	 U17AAN 4057N

R

Cuff	2.0	3.0	4.0	5.0
D Ø4.5	 U17AA 4527N	 U17AA 4537N	 U17AA 4547N	 U17AA 4557N
D Ø5.5	 U17AA 5527N	 U17AA 5537N	 U17AA 5547N	 U17AA 5557N

Milling
Abutment
Hex Type

Hex driver : 1.27
Torque: Narrow[20 Ncm]/Regular[30 Ncm]
Packing unit : Milling Abutment + Abutment Screw
Order Code : ex) UMI 5010H



Milling
Abutment

(Unit: mm)

N

Cuff	1.0	3.0
D Ø4.0	UMIN 4010H	UMIN 4030H

N

Cuff	1.0	3.0
D Ø4.0	UMIN 4010N	UMIN 4030N

R

Cuff	1.0	3.0
D Ø4.0	UMI 4010H	UMI 4030H
D Ø5.0	UMI 5010H	UMI 5030H

R

Cuff	1.0	3.0
D Ø4.0	UMI 4010N	UMI 4030N
D Ø5.0	UMI 5010N	UMI 5030N

Scale 1:1.5

R

Cuff	1.0	3.0
D Ø6.0		
	UMI 6010H	UMI 6030H

Cuff	1.0	3.0
D Ø7.0		
	UMI 7010H	UMI 7030H

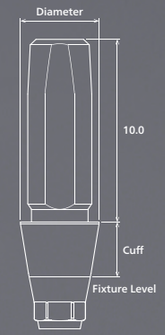
R

Cuff	1.0	3.0
D Ø6.0		
	UMI 6010N	UMI 6030N

Cuff	1.0	3.0
D Ø7.0		
	UMI 7010N	UMI 7030N

Temporary
Abutment

Hex driver : 1.27
Torque: 20 Ncm
Packing unit : Temporary Abutment + Abutment Screw
Order Code : ex) UTA 4310H



Temporary
Abutment

(Unit: mm)

N

Cuff	1.0	3.0
D Ø3.7	UTAN 3710H	UTAN 3730H

N

Cuff	1.0	3.0
D Ø3.7	UTAN 3710N	UTAN 3730N

R

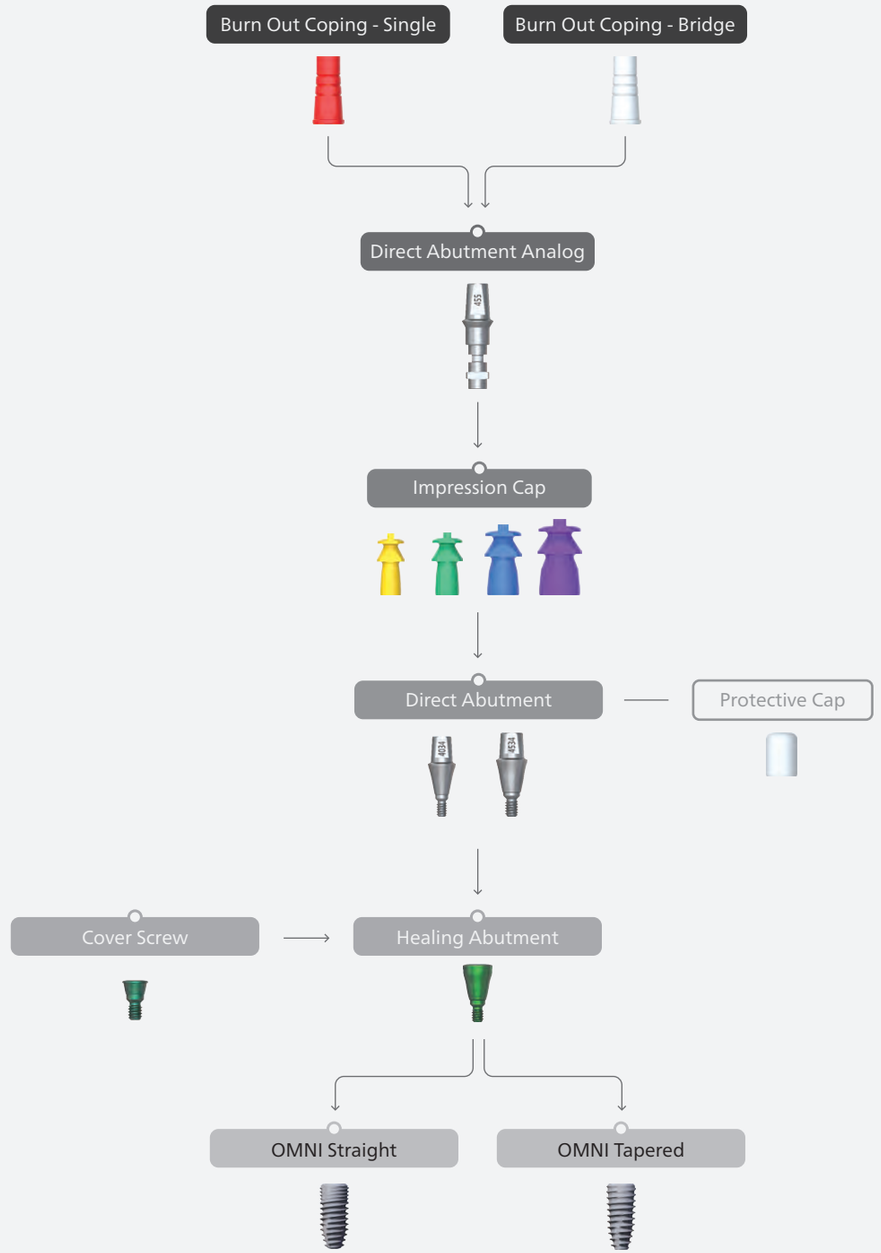
Cuff	1.0	3.0
D Ø4.3	UTA 4310H	UTA 4330H

R

Cuff	1.0	3.0
D Ø4.3	UTA 4310N	UTA 4330N

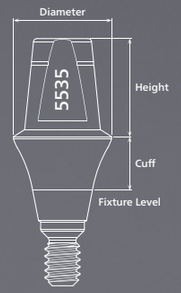
Abutment
Screw

Abutment Level Impression
Flowchart



Direct
Abutment

Hex driver : 1.27
Torque: Narrow[20 Ncm]/Regular[30 Ncm]
Packing unit : Direct Abutment + Abutment Screw
Order Code : ex) UDA 5534



Direct
Abutment

(Unit: mm)

N

Cuff		1.0	2.0	3.0	4.0	5.0	6.0
D Ø4.0							
Height	4.0	UDAN 4014	UDAN 4024	UDAN 4034	UDAN 4044	UDAN 4054	UDAN 4064
	5.5	UDAN 4015	UDAN 4025	UDAN 4035	UDAN 4045	UDAN 4055	UDAN 4065
	7.0	UDAN 4017	UDAN 4027	UDAN 4037	UDAN 4047	UDAN 4057	UDAN 4067

Cuff		1.0	2.0	3.0	4.0	5.0	6.0
D Ø4.5							
Height	4.0	UDAN 4514	UDAN 4524	UDAN 4534	UDAN 4544	UDAN 4554	UDAN 4564
	5.5	UDAN 4515	UDAN 4525	UDAN 4535	UDAN 4545	UDAN 4555	UDAN 4565
	7.0	UDAN 4517	UDAN 4527	UDAN 4537	UDAN 4547	UDAN 4557	UDAN 4567

R

Cuff		1.0	2.0	3.0	4.0	5.0	6.0
D Ø4.5							
Height	4.0	UDA 4514	UDA 4524	UDA 4534	UDA 4544	UDA 4554	UDA 4564
	5.5	UDA 4515	UDA 4525	UDA 4535	UDA 4545	UDA 4555	UDA 4565
	7.0	UDA 4517	UDA 4527	UDA 4537	UDA 4547	UDA 4557	UDA 4567

Cuff		1.0	2.0	3.0	4.0	5.0	6.0
D Ø5.5							
Height	4.0	UDA 5514	UDA 5524	UDA 5534	UDA 5544	UDA 5554	UDA 5564
	5.5	UDA 5515	UDA 5525	UDA 5535	UDA 5545	UDA 5555	UDA 5565
	7.0	UDA 5517	UDA 5527	UDA 5537	UDA 5547	UDA 5557	UDA 5567

Cuff		1.0	2.0	3.0	4.0	5.0	6.0
D Ø6.5							
Height	4.0	UDA 6514	UDA 6524	UDA 6534	UDA 6544	UDA 6554	UDA 6564
	5.5	UDA 6515	UDA 6525	UDA 6535	UDA 6545	UDA 6555	UDA 6565
	7.0	UDA 6517	UDA 6527	UDA 6537	UDA 6547	UDA 6557	UDA 6567

Protective Cap

Impression Cap

Burn Out Coping

Protective
Cap

(Unit: mm)

Height	4.0	5.5	7.0
D Ø4.0			
	UDAC 4004	UDAC 4005	UDAC 4007

Height	4.0	5.5	7.0
D Ø4.5			
	UDAC 4504	UDAC 4505	UDAC 4507

Height	4.0	5.5	7.0
D Ø5.5			
	UDAC 5504	UDAC 5505	UDAC 5507

Height	4.0	5.5	7.0
D Ø6.5			
	UDAC 6504	UDAC 6505	UDAC 6507

Impression
Cap

(Unit: mm)

Diameter	Ø4.0	Ø4.5	Ø5.5	Ø6.5
				
	UDAIC 40	UDAIC 45	UDAIC 55	UDAIC 65

Burn Out
Coping

(Unit: mm)

Single	Ø4.0	Ø4.5	Ø5.5	Ø6.5
				
	UDABC 40S	UDABC 45S	UDABC 55S	UDABC 65S

Bridge	Ø4.0	Ø4.5	Ø5.5	Ø6.5
				
	UDABC 40B	UDABC 45B	UDABC 55B	UDABC 65B

Direct Abutment
Analog

Direct Abutment
Analog

(Unit: mm)

Height	4.0	5.5	7.0
D Ø4.0			
	UDAG 404	UDAG 405	UDAG 407

Height	4.0	5.5	7.0
D Ø4.5			
	UDAG 454	UDAG 455	UDAG 457

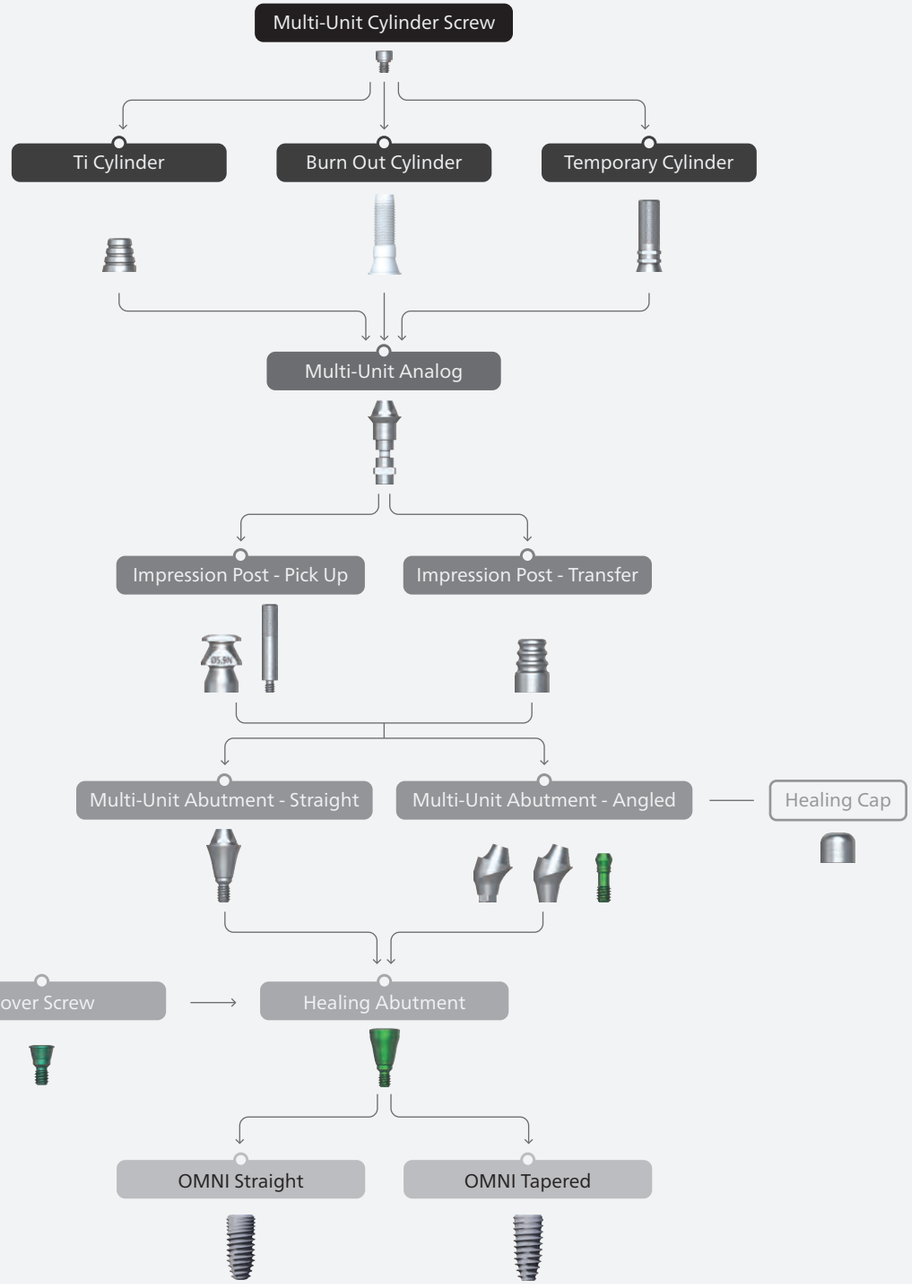
Height	4.0	5.5	7.0
D Ø5.5			
	UDAG 554	UDAG 555	UDAG 557

Height	4.0	5.5	7.0
D Ø6.5			
	UDAG 654	UDAG 655	UDAG 657

Abutment Level Impression

Multi-unit Abutment & Components

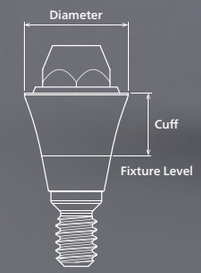
Flowchart



Multi-Unit
Abutment

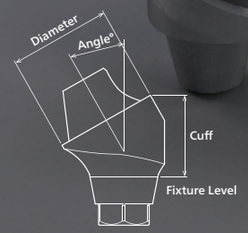
Straight Type

Torque: Narrow[20 Ncm]/Regular[30 Ncm]
Packing unit : Multi-Unit Abutment_Straight Type + Holder
Order Code : ex) UMA 5030



Angled Type

Hex driver : 1.27
Torque: Narrow[20 Ncm]/Regular[30 Ncm]
Packing unit : Multi-Unit Abutment_Angled Type + Multi Abutment Screw + Holder
Order Code : ex) U17MA 5030H



Multi-Unit
Abutment
Straight Type

(Unit: mm)

N

Cuff	1.0	2.0	3.0	4.0	5.0	6.0
D Ø5.0	UMAN 5010	UMAN 5020	UMAN 5030	UMAN 5040	UMAN 5050	UMAN 5060

R

Cuff	1.0	2.0	3.0	4.0	5.0	6.0
D Ø5.0	UMA 5010	UMA 5020	UMA 5030	UMA 5040	UMA 5050	UMA 5060

Multi-Unit
Abutment
Angled Type

(Unit: mm)

N

Cuff/Angle	2.5 / 17°	3.0 / 17°	4.0 / 17°	3.5 / 29.5°	4.0 / 29.5°	5.0 / 29.5°
D Ø5.0	U17MAN 5025H	U17MAN 5030H	U17MAN 5040H	U30MAN 5035H	U30MAN 5040H	U30MAN 5050H

R

Cuff/Angle	2.5 / 17°	3.0 / 17°	4.0 / 17°	3.5 / 29.5°	4.0 / 29.5°	5.0 / 29.5°
D Ø5.0	U17MA 5025H	U17MA 5030H	U17MA 5040H	U30MA 5035H	U30MA 5040H	U30MA 5050H

N

Cuff/Angle	2.5 / 17°	3.0 / 17°	4.0 / 17°	3.5 / 29.5°	4.0 / 29.5°	5.0 / 29.5°
D Ø5.0	U17MAN 5025N	U17MAN 5030N	U17MAN 5040N	U30MAN 5035N	U30MAN 5040N	U30MAN 5050N

R

Cuff/Angle	2.5 / 17°	3.0 / 17°	4.0 / 17°	3.5 / 29.5°	4.0 / 29.5°	5.0 / 29.5°
D Ø5.0	U17MA 5025N	U17MA 5030N	U17MA 5040N	U30MA 5035N	U30MA 5040N	U30MA 5050N

Multi-Unit
Abutment Screw

UMAS 16H

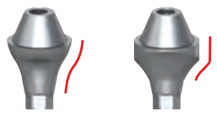
UMAS 20H

Multi-Unit
Abutment

New Angled Type

(Unit: mm)

New



(Back View / Scale 1:2.5)

N

Cuff/Angle	3.0 / 17°	4.0 / 17°	5.0 / 17°	4.0 / 29.5°	5.0 / 29.5°	6.0 / 29.5°
D Ø5.0						
	U17MUAN 5030H	U17MUAN 5040H	U17MUAN 5050H	U30MUAN 5040H	U30MUAN 5050H	U30MUAN 5060H

R

Cuff/Angle	3.0 / 17°	4.0 / 17°	5.0 / 17°	4.0 / 29.5°	5.0 / 29.5°	6.0 / 29.5°
D Ø5.0						
	U17MUAR 5030H	U17MUAR 5040H	U17MUAR 5050H	U30MUAR 5040H	U30MUAR 5050H	U30MUAR 5060H

Abutment
Screw

UAS 16H

UAS 20H

Multi-Unit
Components

Each comes with 1 Multi-Unit Screw

Multi-Unit
Healing Cap

UMHC 50

Multi-Unit
Ti Cylinder

UMTIC 50N

Multi-Unit
Cylinder Screw

UMCS 16

Multi-Unit
Burn Out Cylinder

UMBC 50N

Multi-Unit
Cylinder Screw

UMCS 16

Multi-Unit
Temporary Cylinder

UMTC 50N

Multi-Unit
Cylinder Screw

UMCS 16

Impression
Post

Pick up

UMIPP 50N UMIPPS 07 UMIPPS 13

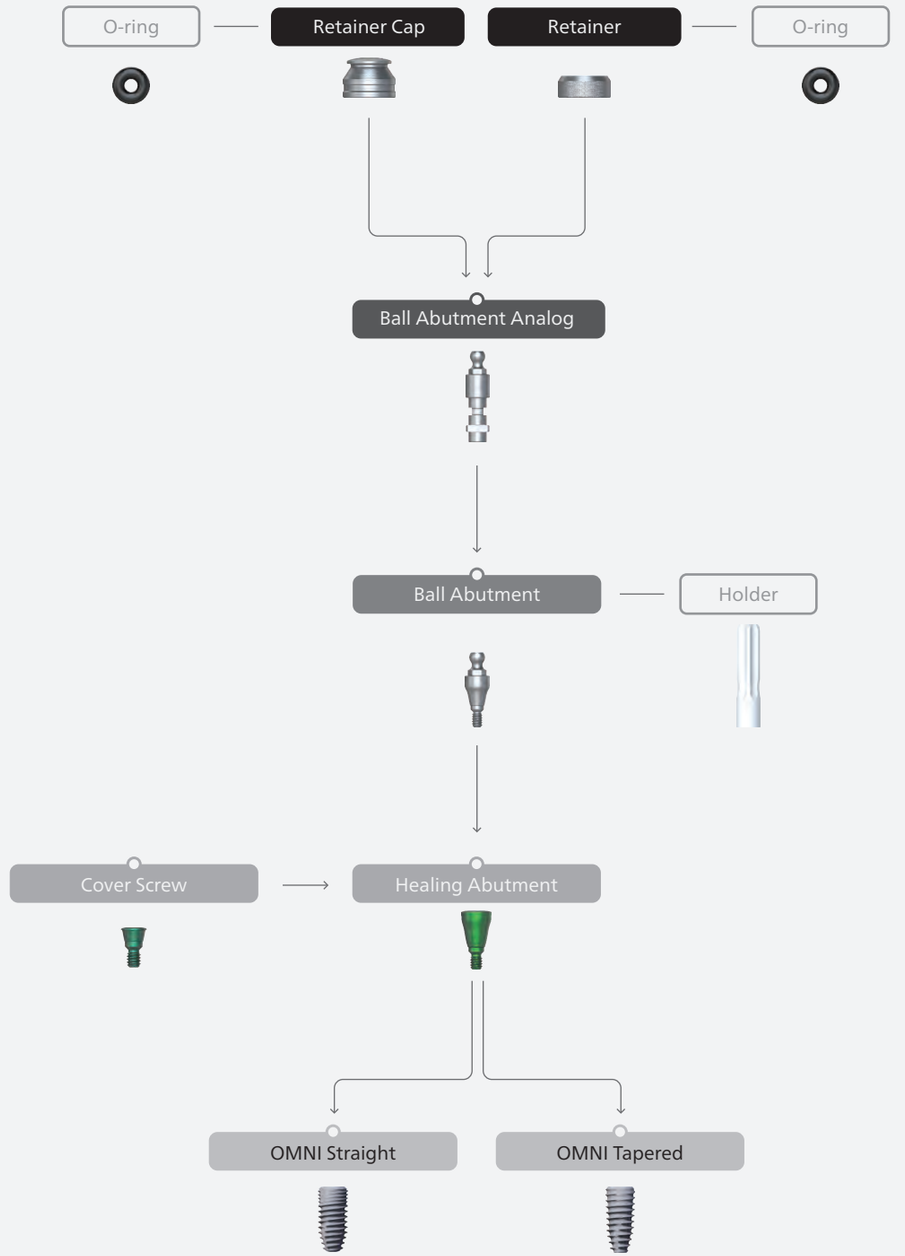
Transfer

UMIPT 50

Multi-Unit
Analog

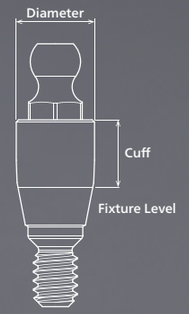
UMAG 50

Abutment Level Impression
Overdenture - Ball Abutment
Flowchart



Ball
Abutment & Components

For Overdenture Implant
Torque: Narrow[20 Ncm]/Regular[30 Ncm]
Packing unit : Ball Abutment + Holder
Order Code : ex) UBA 3030



Ball
Abutment

(Unit: mm)

N

Cuff	1.0	2.0	3.0	4.0	5.0	6.0
D Ø3.5	UBAN 3510	UBAN 3520	UBAN 3530	UBAN 3540	UBAN 3550	UBAN 3560

R

Cuff	1.0	2.0	3.0	4.0	5.0	6.0
D Ø3.5	UBA 3510	UBA 3520	UBA 3530	UBA 3540	UBA 3550	UBA 3560

Components

Retainer Cap

UBSC 35

Retainer

UBSO 35

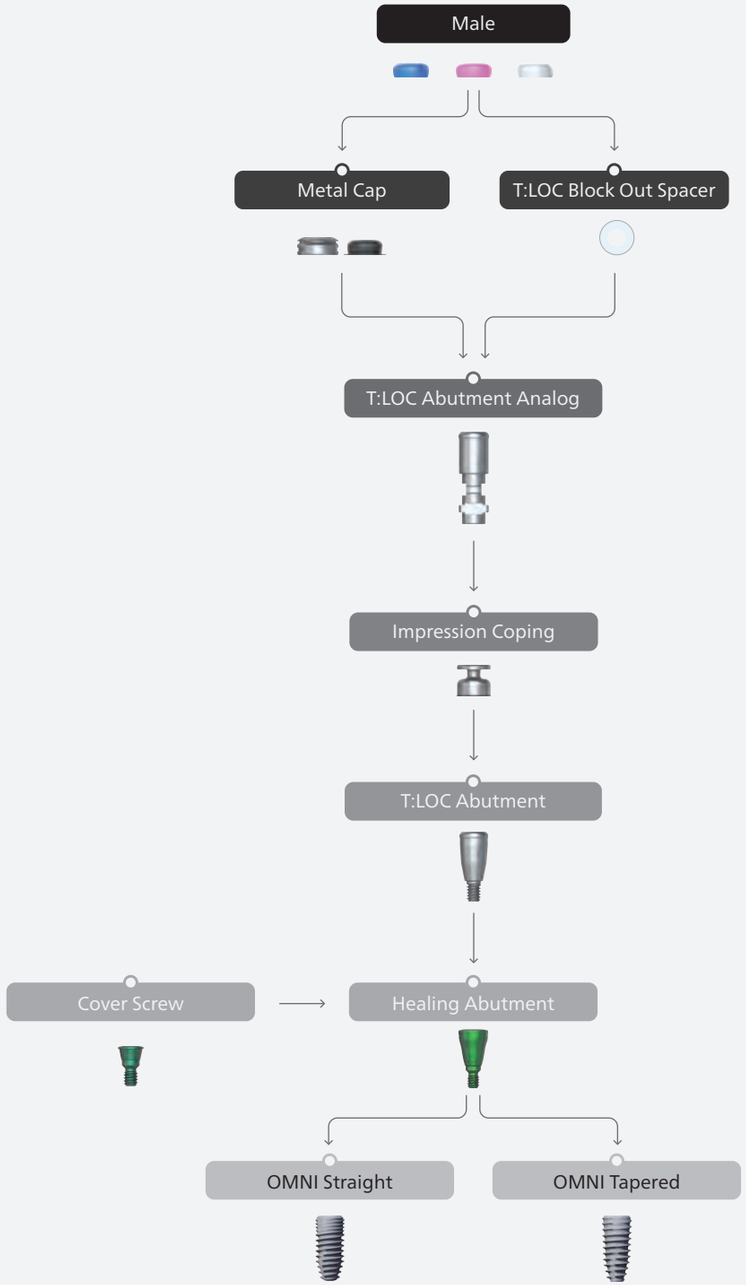
O-ring

GOR 4515K

Ball Abutment
Analog

UBAG 35

Abutment Level Impression
Overdenture - T:LOC Abutment
Flowchart



T:LOC
Abutment

(Unit: mm)

N

Height	1.0	2.0	3.0	4.0	5.0	6.0
D Ø3.8	UTLAN 3810	UTLAN 3820	UTLAN 3830	UTLAN 3840	UTLAN 3850	UTLAN 3860

R

Height	1.0	2.0	3.0	4.0	5.0	6.0
D Ø3.8	UTLAR 3810	UTLAR 3820	UTLAR 3830	UTLAR 3840	UTLAR 3850	UTLAR 3860

T:LOC Component
Set

TLC-CST(6)

T:LOC
Titanium Cap

TLC-TC5423

Black Processing
Replacement Male

TLC-PRM56K

Retention
Replacement Male

TLC-RRM478B TLC-RRM47P TLC-RRM47T

Block Out
Spacer

TLC-PRM56K

T:LOC
Impression Coping

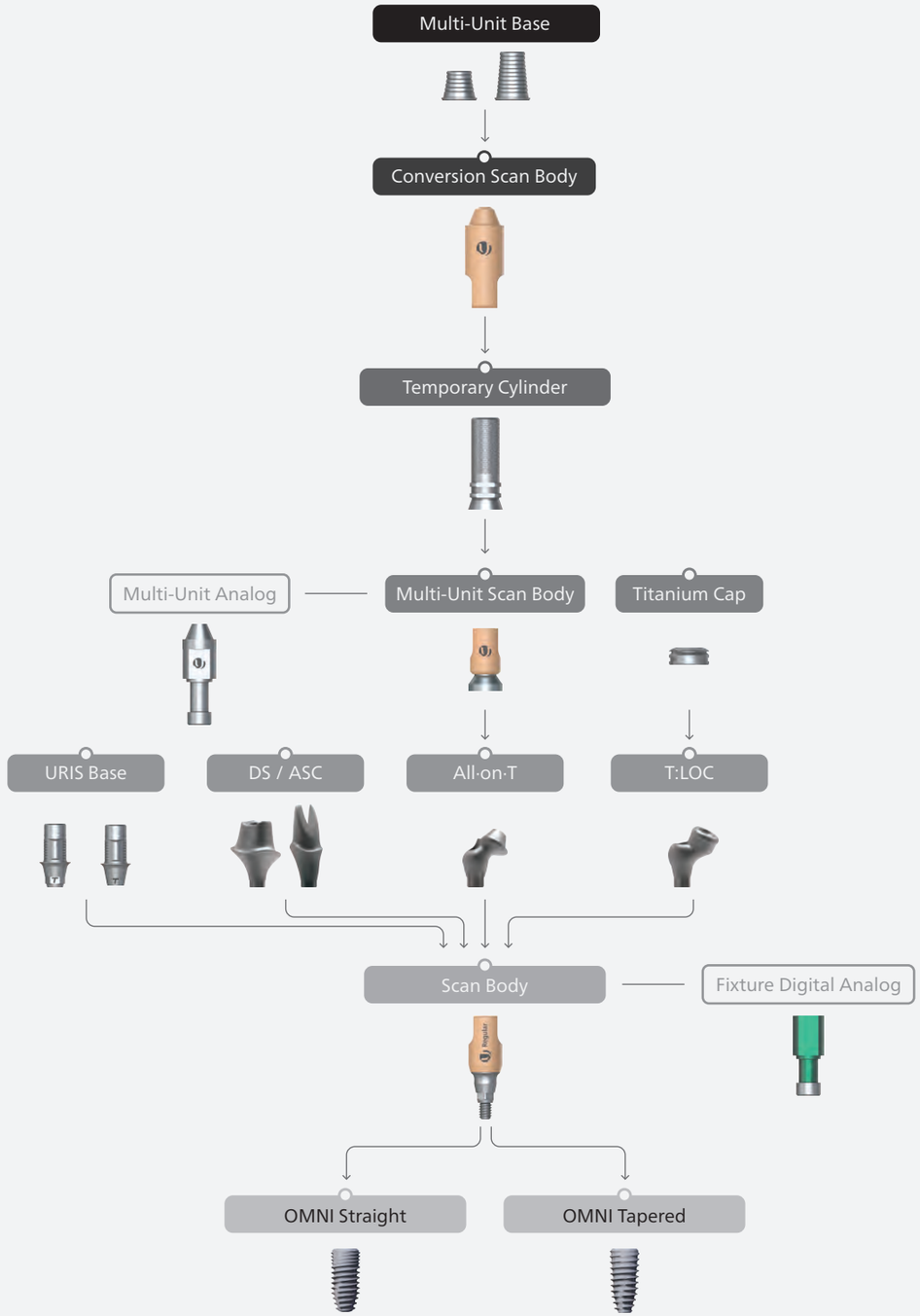
UBAG 35

T:LOC
Analog

UBAG 35

Digital Impression & Components

Flowchart



URIS
Base

Fixture
Digital Analog

URIS
Scan Body

URIS
Base

(Unit: mm)

N

GH/Height	GH 1 / 3.5	GH 1 / 5.5	GH 2 / 3.5	GH 2 / 5.5
D Ø4.0				
	UON-B13S	UON-B15S	UON-B23S	UON-B25S

R

GH/Height	GH 1 / 3.5	GH 1 / 5.5	GH 2 / 3.5	GH 2 / 5.5
D Ø4.5				
	UOR-B13S	UOR-B15S	UOR-B23S	UOR-B25S

N

GH/Height	GH 1 / 3.5	GH 1 / 5.5	GH 2 / 3.5	GH 2 / 5.5
D Ø4.0				
	UON-B13B	UON-B15B	UON-B23B	UON-B25B

R

GH/Height	GH 1 / 3.5	GH 1 / 5.5	GH 2 / 3.5	GH 2 / 5.5
D Ø4.5				
	UOR-B13B	UOR-B15B	UOR-B23B	UOR-B25B

URIS
Scan Body

N

UNSB 45105

R

URSB 50103

Fixture
Digital Analog

N

UDAG35D

R

UDAG40D

Multi-Unit
Digital Components

Multi-Unit
Base

UMUB 50L UMUB 50S

Multi-Unit
Scan Body

UMSB 50

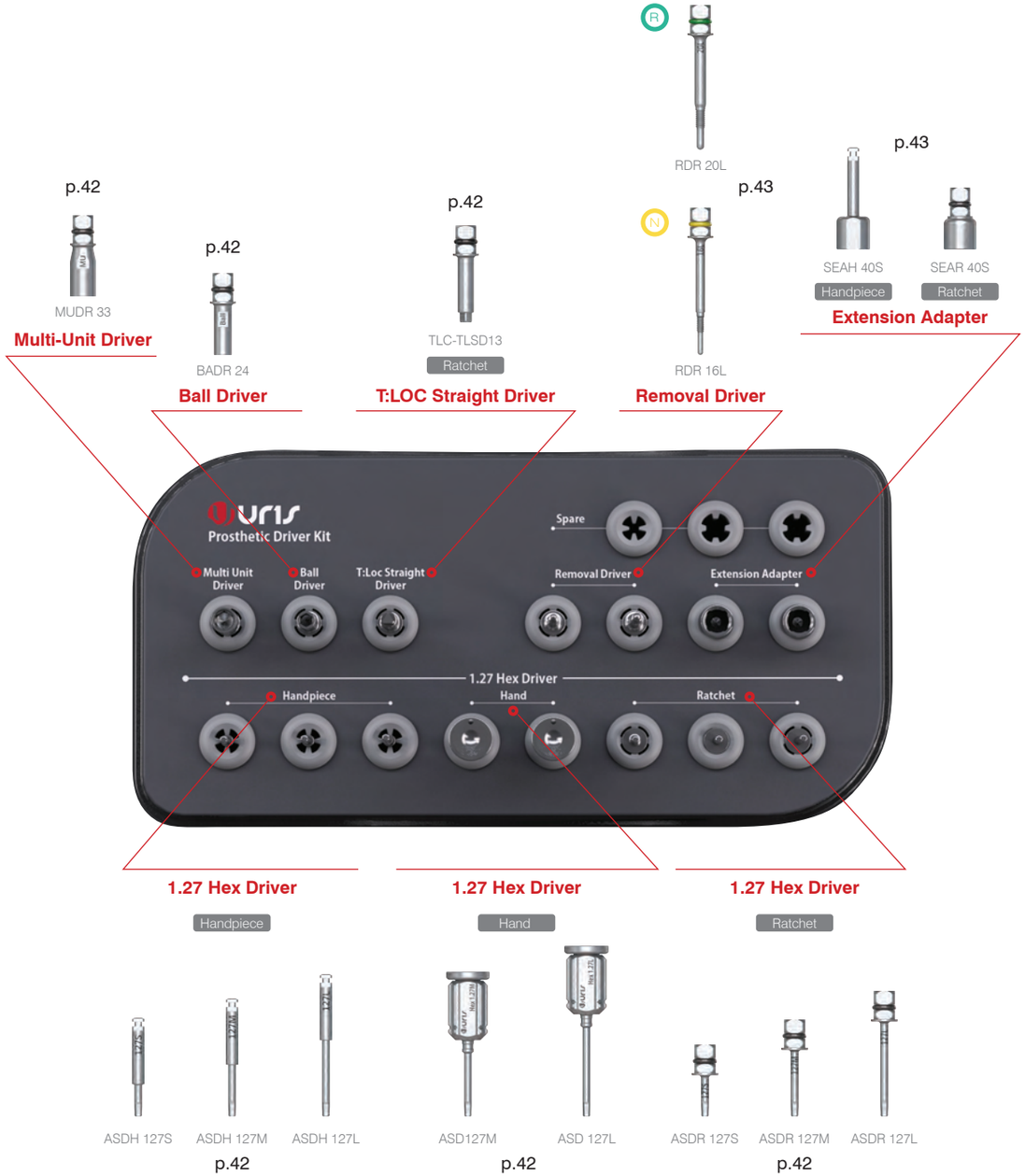
Multi-Unit
Digital Analog

UMDLA 50

Multi-Unit Conversion
Scan Body

UMCSB 50

Prosthetic Driver Kit

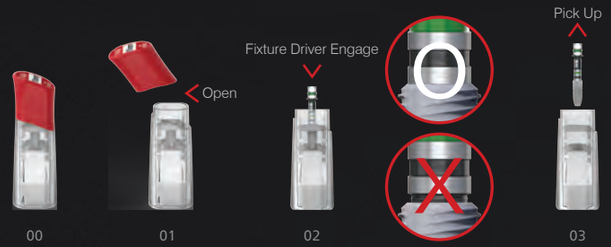


Lower p.41

Torque Wrench

TW 40

Fixture
Packaging



Cover Screw

Instruction for Use
URIS OMNI System

Device Description
URIS OMNI System fixtures are dental implants made of Unalloyed Titanium, grade 4 (ASTM F67) intended for use in partially or fully edentulous mandibles and maxillae, in support of single or multiple-unit restorations. The surface is SLA (Sandblasted, Large grit and Acid etched) treated and is provided sterile. It consists of two implant lines, the OMNI and the OMNI Tapered, with corresponding cover screws, healing abutments and prosthetic abutments. The OMNI Tapered implant has a tapered wall with a single thread design. The OMNI is straight walled with smaller threading at the coronal end, and bigger threading at the apical end. Both implant lines have two platform sizes, Narrow (Ø 3.5 mm) and Regular (Ø 4.0 – Ø 6.5 mm). Both implant lines share the following diameters and lengths:

Ø 3.5 x 8.5, 10, 11.5, 13, 14.5mm (L)
Ø 4.0 x 7, 8.5, 10, 11.5, 13, 14.5mm (L)
Ø 4.5 x 7, 8.5, 10, 11.5, 13, 14.5mm (L)
Ø 5.0 x 7, 8.5, 10, 11.5, 13, 14.5mm (L)
Ø 5.5 x 7, 8.5, 10, 11.5, 13, 14.5mm (L)
Ø 6.0 x 7, 8.5, 10mm (L)
Ø 6.5 x 7, 8.5, 10mm (L).

URIS Prosthetic System is made of titanium alloy (Ti-6Al-4V ELI) intended for use as an aid in prosthetic restoration. It consists of Cover screw, Healing abutment, Direct Abutment, Basic abutment, Angled abutment, Milling abutment, Temporary abutment, and Abutment screw. The surface of cover screw and healing abutment are anodized in yellow and green.

Device Component	Diameters (Ø)	Lengths	Angulation
Cover Screw	2.78/3.48mm	4.875/5.375mm	-
Healing Abutment	4.0/4.5/5.5/6.5/7.5mm	Cuff Height: 1.0mm~5.0mm	-
Direct Abutment	4.0/4.5/5.5/6.5/7.5mm	Cuff Height: 1.0mm~6.0mm	-
Basic Abutment	4.0/4.5/5.5/6.5mm	Cuff Height: 1.0mm~6.0mm	-
Angled Abutment	4.0/ 4.5/5.5mm	Cuff Height: 2.0mm~5.0mm	17°
Milling Abutment	4.0/5.0/6.0/7.0mm	Hex Type: 14.1/14.85mm Non-Hex Type: 13.9/14.85mm	-
Temporary Abutment	3.7 / 4.3mm	Cuff Height: 1.0mm~3.0mm	-
Abutment Screw	1.9/2.3mm	7.2/7.7mm	-

Fixtures and cover screw are provided sterile and other prosthetics are provided non-sterile. All non-sterile products must be sterilized by end users before use.

Indications for Use
URIS OMNI System is indicated for use in partially or fully edentulous mandibles and maxillae, in support of single or multiple-unit restorations including; cemented-retained, screw-retained, or overdenture restorations, and final or temporary abutment support for fixed bridgework. It is intended for delayed loading.

Instructions for operation and use
A. Preparation before use
1) Before clinical use, the clinician must be well acquainted with the surgical procedure of the product, and has to inform the patient about the limitations of the implant system. The patient should also be well aware of any functional and aesthetic limitations of the implant.
2) Because proper selection and fixation of the implant are closely related to the life-span of the implant, the clinician must follow the indications, contraindication, cautions and recommendations.
3) Handling procedures must be followed in order to prevent potential damage to the implant. Damage to the implant and/or patient may occur without careful review of the patient's condition and establishment of proper diagnosis and restorative plans.
4) The clinician must select the appropriate device based on careful review of the patient's X-ray picture and overall condition.
5) Check the products' expiration date and condition of the packaging for any visible damages.
6) Since the product is packaged aseptically, do not use if the packaging is damaged or torn.
7) Be sure to properly maintain the hygiene standards and preparatory state of the surgical instruments in order to prevent the use of contaminated instruments which may lead to complications and/or implant loss.
8) Inspect for any foreign-material before use.

B. Instructions and procedural sequence
During the diagnosis and planning, you must exclude any patient with local lesions or other contraindications and choose candidates who have proper bone condition to undergo implant surgery. Before proceeding to surgery, you must sterilize operation room and patient's oral cavity and perioral area thoroughly. After proper draping, perform local anesthesia and make an incision on the implant site and form a flap. Expose the implant site sufficiently and proceed to implant surgery.
(1) Implant site preparation
To implant the fixture, various drills are used in sequence for site preparation during osteotomy. To place the fixture accurately in the selected site, a hole must be made according to the size of the artificial dental prosthesis, using the respective instruments (drilling, tapping). Rotatory speed during these procedures must be adjusted taking the recipient bone condition and type of equipment used into consideration. The maximum permissible rotatory speed for the drill is generally 1,000~1,500rpm and 20~30rpm for the tap drill. The procedure should be performed using adequate normal saline to reduce the generation of heat on the bone tissue.

(2) Placing the fixture
Pick up the fixture from the sterile vial using the Fixture Driver and Adapter and place the fixture into the osteotomy. Install the fixture at low speed (25 rpm) under profuse irrigation and the maximum torque set at 45 Ncm. Allow the implant to work its way into the osteotomy. Avoid applying unnecessary pressure.

NOTE: The final recommended torque at seating should be 20~40Ncm for the URIS OMNI System. Excessively high insertion torque may cause necrosis of the peri-implant bone in the receiving site which may result in implant failure.

(3) Inserting the cover screw
After the fixture has been placed, attach the cover screw using a driver below 10Ncm torque. Make sure there are no foreign bodies inside and suture the operation site.

(4) Connecting the abutment
Osseo-integration of the fixture requires 3~4 months for the mandible and 6~8 months for the maxilla. After this period, expose the implant and connect the healing abutment to enhance mucosal healing.

(5) Prosthesis attachment
After a healing period of between 2~4 weeks, connect the impression post to obtain an impression and manufacture a dental mockup. Deliver the final prosthesis.

Cautions
(1) Cautions during use
1) The operation must be performed by a well-trained, qualified dental specialist.
2) While performing the osteotomy, you must follow the procedure outlined in the catalog and the fixture should be adequately implanted.
3) Ensure that the soft tissue does not interfere with the connection between the fixture and prosthesis by verifying complete and proper seating.
4) All instruments and tooling used during the procedure must be maintained in good condition and care must be taken that instrumentation does not damage implants and/or other components. Therefore inspect the condition of the instruments before every operation.
5) The product is provided sterile via gamma ray sterilization therefore it recommended to be opened prior to immediate use.
6) If the package has been damaged, discard the product since the aseptic condition has been compromised.

(2) Contraindications
1) Intraoral contraindications
A. In cases with insufficient bone tissue where severe bone resorption is predicted. Or if there is insufficient remaining bone for early-fusion in the proximal tooth extraction wound.
B. Disorder in mastication or functional relation
C. Pathologic condition of the alveolar bone
D. Prior radiotherapy on jawbone
E. Xerostomia
F. Pathologic change of oral mucosa (vitiligo, lichen planus, stomatitis)
G. Macroglossia
H. If vital anatomical structures are nearby
I. Cellulitis in surrounding soft tissues
J. If there are not sufficient soft tissues or its condition is poor
2) Transient contraindications
A. Acute inflammatory disease or infection
B. Pregnancy
C. Temporary effect of specific drugs (anticoagulant, immune-suppressant)
D. Mental, physical fatigue
3) Psychological contraindications
A. Poor compliance
B. Alcohol or other substance abuse
C. Neurosis, psychosis patient
D. Troublesome patient
4) General medical contraindications
A. General/nutritional condition - age (obesity, cachexia, 5year survival rate)
B. Current medications (corticosteroid, long-term antibiotic treatment)
C. Metabolic disorder (pubertal diabetes, overt hyperglycemia (>300mg/dl))
D. Hematologic disorder (disorder of RBC, WBC, coagulation)
E. Cardiovascular diseases (artherosclerosis, overt hypertension (>300mmHg))
F. Metabolic disorder of skeletal system (osteomalacia, Paget's disease, menopausal osteoporosis)
G. Connective tissue disease (dermatosclerosis, rheumatoid arthritis)
H. Implant as potential infection focus (prosthetic valve, bacterial endocarditis)

(3) Warnings
1) Implant operation should be performed by skilled dental surgeon because mishandled procedure may damage the implant or recipient bone
2) Implant is not to be recycled and it should be used for its original purpose
3) Damaged or mishandled implant should be removed
4) Inappropriate implant selection and improper implantation site or unstable fixation may shorten the life-span of the implant
5) Defective product should be withdrawn
6) Handle the implant carefully to prevent any damage or deformation
7) Warning: Small diameter implants and angled abutments are not recommended for the molar region of the mouth.

(4) POTENTIAL ADVERSE EFFECTS AND COMPLICATIONS
General complications after intraoral implant surgery include local hemorrhage, edema and hematoma. Transient loss of taste sense and masticatory function may occur. Additionally, following complications may develop:
- Iatrogenic trauma of surrounding tissues (lower alveolar nerve injury or sensory change, injury or hemorrhage in maxillary sinus or nasal cavity)
- Insufficient or failed bony fusion
- Wound dehiscence on sutured site
- Delayed recovery, edema due to anesthesia
- Mucositis around implant due to insufficient adhesive soft tissue
- Incomplete implant placement due to insufficient bone removal or overt compression
- General hypersensitivity reaction

MR Statement
The URIS OMNI System has not been evaluated for safety and compatibility in the MR environment. It has not been tested for heating, migration, or image artifact in the MR environment. The safety of URIS OMNI System in the MR environment is unknown. Scanning a patient who has this device may result in patient injury.

Sterility
All dental implants (fixture) and cover screw are supplied sterile and are labeled "STERILE". All products sold sterile are for single-use before the expiration date printed on the product label. Do not use sterile products if the packaging has been damaged or previously opened. Do not re-sterilize.

End User Sterilization Information
All prosthetic abutments are provided non-sterile and must be sterilized before use. To correctly sterilize the products, use a steam sterilizer with pre-vacuum process, at a temperature of steam sterilizer at 132° C for 4 minutes, wrap and dry 20 minutes with a validated cycle according to the standard ISO 17665–1 following the autoclave manufacturer instructions.

	Pre-Vacuum Autoclave
Temperature	132° C
Exposure Time	4 minutes
Dry Time	20 minutes

Note: The validated procedures require the use of FDA-cleared sterilizers, sterilization trays, sterilization wraps, biological indicators, chemical indicators, and other sterilization accessories labeled for the sterilization cycle recommended. The health care facility should monitor the sterilizer for the facility according to an FDA recognized sterility assurance standard such as ANSI/AAMI ST79.

Storage
The product has to be stored in its original package in a dry place at room temperature.

Handling
- This product is a disposable sterilized medical instrument and should therefore not be reused.
- Packing must be opened prior to surgery in a clean area.
- Discard if wrapping has been opened even if product is unused.
- Do not use the product, if the shelf life has expired.
- Opened products cannot be returned to the manufacturer or distributor.
- Manufacturer or distributor has no responsibility for products re-sterilized by users.

LABELING SYMBOLS
Symbols may be used on some international package labeling for easy identification.

Do Not Reuse	
Use By Date	
Batch Code	LOT
Date Of Manufacture	
Sterilized Using Irradiation	STERILE R
Catalogue Number	REF
Caution, Consult Accompanying Documents	
Manufacturer	
Consult Instructions For Use	
Do Not Use If Package Is Damaged	
Prescription Only	Rx Only
Do Not Resterilize	
Keep Dry	
Keep Away From Sunlight	
Temperature Limit	

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Rev.3 / 2019.06

Abutment
Packaging

Prosthetic Manual
URIS OMNI System

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Basic Abutment	4.0/4.5/5.5/6.5mm	Cuff Height: 1.0mm~6.0mm	-
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Milling Abutment	4.0/5.0/6.0/7.0mm	Hex Type: 14.1/14.85mm Non-Hex Type: 13.9/14.85mm	-
Temporary Abutment	3.7 / 4.3mm	Cuff Height: 1.0mm~3.0mm	-
Abutment Screw	1.9/2.3mm	7.2/7.7mm	-

Fixtures and cover screw are provided sterile and other prosthetics are provided non-sterile. All non-sterile products must be sterilized by end users before use.

Indications for Use
URIS OMNI System is indicated for use in partially or fully edentulous mandibles and maxillae, in support of single or multiple-unit restorations including; cemented retained, screw retained, or overdenture restorations, and final or temporary abutment support for fixed bridgework. It is intended for delayed loading.

Restorative Components:
1. **Abutments**
The abutments are used to restore a dental implant, acting like the base for the prosthesis. They are available in different shapes and sizes to respond to different needs.
It should maintain at least 4mm from the abutment platform to avoid damaging the abutment screw:
• Titanium Abutments
There are four types of titanium abutments available:
- Basic Abutments: None of the Basic abutments are to be used as titanium base abutments or as part of a hybrid abutment (e.g. part of a two-piece abutment). Basic abutments are full size abutments and are to be used straight. No angular correction or divergence is allowed by any additional copings, or modifications.
- Angled Abutments: In general, they are angled at 17º, which can be adapted to the majority of clinical cases.
- Milling Abutments: Intended to be milled by hand and are intended to be used straight. No angular correction or divergence is allowed.
- Temporary Abutments: Intended for use in conjunction with the fixture in partially or fully edentulous mandibles and maxillae, in support of single or multiple-unit cement-retained restorations. Maximum duration for use of Temporary Abutment is less than six months. Temporary restorations should be out of occlusion.

2. **Screws**
The screws are made from Ti-6Al-4V ELI(ASTM F136), recommended for its biocompatibility, its mechanical strength and hardness. It serves to attach the abutment or prosthesis to the implant (clinical screw) or to the laboratory analogue (laboratory screw).

Recommendations for its specific use include:
The screws are for single-use only. It is not recommended to use the screws again after their removal, not even in the laboratory, due to the possible deterioration of their behavior. It is vitally important to not use clinical case screws that have been previously used in a dental laboratory. It is important to verify the compatibility of the implant model to be used. You should avoid causing any damage around the area where the implant is connected, so care must be taken if carving or machining in this area. Radiography is recommended in the height of the junction of the union with the perpendicular axis of said union, once the implant is fixed, for verification.

Torque
Only the implant manufacturer's recommended torque is to be used.

Ncm	Abutments (Narrow Connection)
5~10	Cover Screw, Healing Abutment
20	Basic Abutment, Direct Abutment, Angled Abutment, Milling Abutment, Temporary Abutment

Ncm	Abutments (Regular Connection)
5~10	Cover Screw, Healing Abutment
20	Temporary Abutment
25~30	Basic Abutment, Direct Abutment, Angled Abutment, Milling Abutment, TruBase

Warnings:
1. **Abutments**
The instructions given are insufficient if used as the only reference for the use of the cited components. These elements should only be inserted by dentists who have been fully trained in the insertion of dental implants. The use of these products without any prior specific knowledge can lead to component failure and may require implant removal. The safety of our products is guaranteed only when they are used exclusively by trained professionals.
Read the instructions carefully on the labels of the products, where you will find the basic guidelines.
Keep a record of the products used in the patient's personal medical booklet, stating the name of the product, the reference number, and the lot number. Please inform URIS Implants of any defects or complications related to any of its products.
All URIS OMNI System products are solely for single use. To reuse the single-use products may lead to a possible deterioration of the characteristics of the product, which in turn can lead to an elevated risk in gum or tissue infection and deterioration in the patient's health.
In general, implant component's placement and prosthetic design must accommodate individual patient conditions. In case of bruxism or unfavorable jaw relationships reappraisal of the treatment option may be considered.
There is a risk of accidental inhalation and/or ingestion of the products when they are used, therefore it is necessary to carefully hold onto the products in case of intraoral applications.
The patient should be made aware of any limitations in his/her treatment, and the need for maintenance, for example, the need to seek medical assistance if any symptoms or side effects arise.
It should be recommended to the patient to conduct regular dental check-ups for maintenance of the URIS OMNI System products.
The products are not sterilized when sold, and therefore, it is recommended to clean and sterilize the products before their use.

* Warning: Small diameter implants and angled abutments are not recommended for the molar region of the mouth.

Contraindications:
It is contraindicated placing dental implants in patients:
- Medically unfit for an oral surgical procedure.
- With inadequate bone volume unless an augmentation procedure can be considered.
- In whom adequate sizes, numbers or desirable position of implants are not reachable to achieve safe support of functional or eventually parafunctional loads.
- Allergic or hypersensitive to titanium alloy (grade 5).

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End User Sterilization Information
All prosthetic abutments are provided non-sterile and must be sterilized before use. To correctly sterilize the products, use a steam sterilizer with pre-vacuum process, at a temperature of steam sterilizer at 132° C for 4 minutes, wrap and dry 20 minutes with a validated cycle according to the standard ISO 17665–1 following the autoclave manufacturer instructions.

	Pre-Vacuum Autoclave
Temperature	132° C
Exposure Time	4 minutes
Dry Time	20 minutes

Note: The validated procedures require the use of FDA-cleared sterilizers, sterilization trays, sterilization wraps, biological indicators, chemical indicators, and other sterilization accessories labeled for the sterilization cycle recommended. The health care facility should monitor the sterilizer for the facility according to an FDA recognized sterility assurance standard such as ANSI/AAMI ST79.

Storage
The product has to be stored in its original package in a dry place at room temperature.

LABELING SYMBOLS
Symbols may be used on some international package labeling for easy identification.

Do Not Reuse	
Use By Date	
Batch Code	LOT
Date Of Manufacture	
Non-Sterile	NON STERILE
Catalogue Number	REF
Caution, Consult Accompanying Documents	
Manufacturer	
Consult Instructions For Use	
Do Not Use If Package Is Damaged	
Keep Dry	
Keep Away From Sunlight	

Rev.3 / 2019.06

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General Principles
of Surgical Tool Management

1. Because all surgical tools are provided in a non-sterile condition, they must be cleansed and sterilized before use.
   Caution - Wrong cleansing and sterilizing process cause corrosion and damage to the tools and if used directly, it may be the cause of second infection.
2. The recommended number of use of a drill is 20~30 times based on the bone status, and it must be replaced if the blade has been damaged or transformed.
   Caution - If damaged drill is used, heat necrosis may occur
3. When managing the surgical tool, one must wear a mask and a glove to prevent infection.

Before sterilization
1. To prevent contaminants such as blood, tissue cell or bone residue from attaching to the surface of the instruments, the instruments must be immersed in an antiseptic solution right after use.
2. When using antiseptic solution, to prevent corrosion or bronzing, one must follow directions given by the manufacturer of the concentration of the antiseptic and the duration of the instrument immersion in the antiseptic.

   Check Concentration : Completely liquify the concentrate before placing the instruments in the antiseptic solution.
   Immersion Duration : The instruments must not be immersed more than a day.

3. The instruments must be fully immersed in the antiseptic solution.
4. To decrease in sterilizing power and to prevent corrosion, the antiseptic solution must be replaced every day.

Before rinse
To prevent protein from clotting in 45 degrees temperature Celsius, the instruments must be rinsed in running cold water.

Caution
Cleanse the instruments right after preliminary rinse

Sterilization
1. Must only use antiseptic solution that is FDA and CE approved, and you must follow the manufacturer's directions.
2. When cleansing metal instruments, corrosion free antiseptic solution and cleansing product use is recommended.
3. For safety, one must always wear personal protection gear such as gloves, glasses, and masks.
4. The user has an obligation to be responsible for the sterilization and management of the instrument.
5. Restriction and limitation of the instrument reuse:
   - With repetition of cleansing, the life expectancy of all instruments will decrease. If the instruments show corrosion, transformation or discoloring of the marking area, it means that they have exceeded the safety criteria that is required for use.
   - Product with a disposable mark cannot be reused.
   - Tungsten carbide burs, plastic composition and NiTi instruments can be damaged with hydrogen peroxide and aluminum material instruments can be damaged by caustic soda solution.
   - Do not use acid solution (pH < 6) and alkaline solution (pH > 8).

Caution
After use, if the contaminants such as residual bone or blood stain are not completely removed, it may lead to corrosion; therefore all separable instruments must all be disassembled before the cleansing process.

Cleanse / Dry
1. Contaminants must be completely removed using a soft brush.
   Do not use a wire brush or stainless material brush, and do not put too much pressure.
2. Immerse the products in the antiseptic solution of their characteristics and clean with an ultrasonic cleaner. However, do not cleanse the different materials together. Also, when immersing the instruments in the ultrasonic cleaner, make sure that the instruments do not touch each other.
3. Make sure that debris is not seen with the naked eye.
   - Products that are fractured or transformed must be discarded.
   - One should follow the recommendations for the level of concentration or the length of time provided by the manufacturer.
   - The antiseptic solution must not include aldehyde, di- or tri-ethanolamines component to control the corrosion.
4. After cleaning, the products must be rinsed with distilled water or deionized water for at least a minute. If the antiseptic solution contains corrosion inhibitor, rinsing before placing in the sterilizer is recommended.
5. To prevent corrosion or water stain on the instruments, completely dry with a dryer or filtered compressed air
6. To prevent corrosion, decrease in sterilizing power, and contamination, antiseptic must be supplemented every day.

Caution
If the instruments are not properly rinsed, residue is left behind, or is not properly dried, the sterilization process might discolor or corrode the instruments, and therefore the whole process must be gone through again.

Caution
Corrosion may start if debris such as blood stain or bone residue is not completely removed. They must be cleansed right after use and the debris must be completely removed when cleaning.

Check
Check on the instruments for faults (fracture, transformation, or corrosion). If necessary, assemble the instruments.
Contaminated instruments must be cleansed or disinfected. Transformations that may affect the safety, performance or tolerance of the instruments; in other words; bent, damaged (fractured or corroded), or faulty products (discoloration of marking area or loss) must be destroyed.

Packaging
1. Check on the dry status of the instruments and pack in the sterilized wrapping paper.
2. On the sterilized wrapping paper, attach a direction tape to check the date of sterilization. Check on the expiration date on the sterilized wrapping paper. Wrapping paper must be able to withstand up to 141 degrees that coincides with the EN ISO 11607.

Pasteurization
1. The product is packaged cleaned and should be sterilized before its use. To correctly sterilize the products, use a steam sterilizer with pre-vacuum process at a temperature of steam sterilizer at 132° C for 4 minutes, dry for 20 minutes with a validated cycle according to the standard ISO 17665-1 following the auto¬clave manufacturer instructions.
2. Instruments and plastic components must be sterilized based on their packaging label.
   - Sterilizer must coincide with the requirements of EN 13060 and EN285.
   - Sterilization process must regard the ISO 11607.
   - One must follow the sterilization process and maintenance process of the sterilizer provided by the manufacturer.
   - Efficiency management (proper packaging, no humidity level and sterilization dashboard).

Caution
- The products must not touch the inner part of the sterilization equipment, and the sterilization degree must be lower than 150
- The products that were not properly cleansed or dried may generate corrosion. If they were not cleansed, not properly dried, or has been corroded, separate them from the rest or remove the faults. (Do not sterilize the corroded instruments with the noncorroded products together)
- For sterilization, use only salt-free water or distilled water for the solution. (Do not use tap water)
- Check if the instruments are fully dried and do not leave them in a place with high moisture.

Storage
Instruments must be stored in a sterilized container in a dry and clean environment. If the packaging is opened or damaged, we cannot guarantee the instruments' sterilization status.