

DIO IMPLANT SYSTEM

D:O

DIO Implant System

Product Catalog

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DIO IMPLANT SYSTEM

Product Catalog

020	Internal Submerged System
100	Surgical Kits
130	DIO NAVI Kits
166	Etc. Kits
184	Equipment

DIO Implant **Worldwide**



We infuse our vision and passion for innovation in digital dentistry and dental solutions beyond implants, moving forward from Korea to the global stage.

DIO is recognized as a leading company in digital dentistry not only in Korea but also in over 70 countries worldwide, acknowledged for our exceptional technological prowess and superior quality.

Korea Network

DIO Headquarters

Gangnam
Gangbuk
Gyeongin
Gyeonggi
Gangwon
Daejeon

Gwangju

Jeonju
Busan
Ulsan
Daegu
Gyeongnam
Jeju



Global Network

Asia

China
Japan
Taiwan
India
Thailand
Vietnam
Mongolia
Myanmar
Singapore
Cambodia
Nepal

Americas

US
Canada
Mexico
Colombia
Peru
Ecuador
Costa Rica

Europe

Russia
Italy
Portugal
Belarus
Ukraine
Moldova
Armenia
Romania
Czech Republic
Slovakia
Poland
Hungary

Latvia
Lithuania
Estonia
Albania
Cyprus
Switzerland
Denmark
Netherlands
Austria
UK
Bulgaria

Oceania

Australia

Central Asia

Kazakhstan
Uzbekistan
Kyrgyzstan

Middle East

Türkiye
Jordan
Iraq
Iran

Africa

Egypt
Libya
Morocco
Tunisia

DIO Implant **History**

A company creating a better world
at the forefront of cutting-edge technology.

We will make everyone's life happier with ceaseless innovation.

1988 - 2013

1988	· Established DIO Corporation	2009	· Signed an agreement with the Korean Dental Association to donate 1 billion won over 10 years for social contribution
1990	· Selected as a promising SME by Industrial Bank of Korea		· Certified as a leading company by Busan Metropolitan City
1994	· Selected as a promising advanced technology company by the Ministry of Commerce, Industry and Energy		· SM implant received China SFDA approval
1995	· Obtained German GS / European CE certification	2010	· Began domestic sales of Biomatrix stent, the first in Korea
	· Received Export Tower Award (\$1 million)		· Launched Narrow Implant System
1997	· Acquired ISO 9001 certification		· Released iTero Intraoral Scanner
1998	· Obtained Excellent Quality Mark (EM) certification		· Introduced Customized Abutment I-Fit
1999	· Received Export Tower Award (\$5 million)		· Received commendation from the Minister of Knowledge Economy for revitalizing regional investment
2000	· Established a subsidiary in China		· Awarded commendation from the Minister of Knowledge Economy at the 40th Korea Precision Industry Conference
	· Listed on the KOSDAQ market	2011	· Launched VUV Surface Treatment
	· Received commendation from the Prime Minister		· Released UF Implant System
2002	· Commenced dental implant business		· Selected as an excellent quality management company by Busan Metropolitan City
	· Selected as a World-Class Product Manufacturer by the Ministry of Industry and Resources		· Selected as an outstanding employment company by Busan Metropolitan City
2003	· Received the Presidential Award (Excellent Capital Goods Development)		· Selected as a company with excellent quality competitiveness by the Ministry of Knowledge Economy
2005	· Acquired ISO 13485 certification		· Received Export Tower Award (\$10 million)
	· Established a subsidiary in Vietnam	2012	· Launched TRIOS Intraoral Scanner
2006	· Signed a joint medical device development agreement with Germany's Biosteel Medical		· Released HSA Surface Treatment
	· Established DIO Australia		· Introduced DIO Digital Solution Trione
	· Obtained US FDA approval	2013	· Established subsidiaries in Taiwan and Mexico
2007	· Established Beijing D.S.I Science & Trade Co. Ltd.		
	· Acquired KGMP certification		
2009	· Obtained patent for coronary artery expansion stent		



2014 - 2025

2014	- Launched digital implant system DIO NAVI - Established the Employee Stock Ownership Plan - Received Export Tower Award (\$20 million)	2020	- Established a subsidiary in Turkey - Released final prosthetic printing material DIO NAVI-P. MAX - Launched digital clear aligner DIO Ortho NAVI Clear Aligner
2015	Selected as World Class 300 company		
2016	- Launched SMART NAVI - Established DIO Digital Academy (DDA) - Signed MOU for international multilateral joint research (Multi Study) (9 countries) - Established DIO Digital Corporation in Japan - Selected as the lead organization for the core technology development project for the bio-medical device industry	2021	- Introduced digital prosthetic treatment system DIO Ecosystem - Released 3D Printer DIO PROBO Z - Established subsidiaries in Italy, Thailand, the United Kingdom, and Russia - Completed the construction of the Digital Platform - Surpassed 500,000 cumulative placements of DIO NAVI - Launched New Dr. SOS+ Kit
2017	- Established subsidiaries in India and China (Zhayang) for manufacturing - Launched digital orthodontic system DIO Ortho NAVI	2022	- Title sponsor of LPGA 2022 DIO Implant LA Open - Surpassed 700,000 placements of DIO NAVI
2018	- Established SICHUAN DIO CO., LTD. in China - Released 3D Printer DIO PROBO - Introduced 3D Printing Materials (C&B, SG, Cast, Model, Denture) - Released UV Activator - Released digital edentulous implant system DIO NAVI Full Arch - Established NYU DIO Digital Academy	2023	- Title Sponsor of LPGA 2023 DIO Implant LA Open - Launched DIO UFIII Implant - Surpassed 800,000 placements of DIO NAVI - Released DIO DeSR Abutment - Achieved global sales of 1 million VUV Implants
2019	- Acquired CPM PHARMA, LDA in Portugal - Acquired WHITECAP HOLDINGS, LLC in the USA - Won the Grand Prize in the Technology Innovation category at the Korea New Drug Awards - Launched UV Activator2 (winner of the 2020 iF Design Award)	2024	- Surpassed 10,000 global cases of DIO NAVI Full Arch - Surpassed 1 million placements of DIO NAVI - Received Export Tower Award (\$50 million)
2020	- Established Seoul Magok Innovation R&D Center - Acquired DIO VINA CO., LTD in Vietnam	2025	- Designated as a High-Tech Company by the Ministry of Science and ICT - Obtained European CE, MDR certification - Opened DIO-Mall online shopping mall 'New Sinus Kit': Released New Sinus Kit

DIO Implant **Implant Surface**

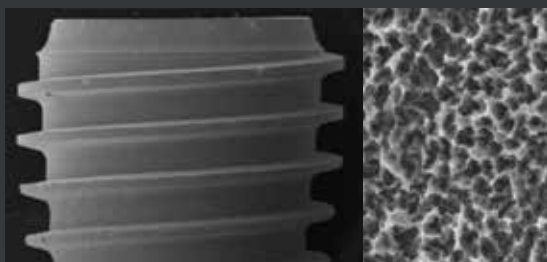
HSA Surface Treatment Method

Hybrid SLA(HSA)

Hybrid Sand Blast & Acid Etched

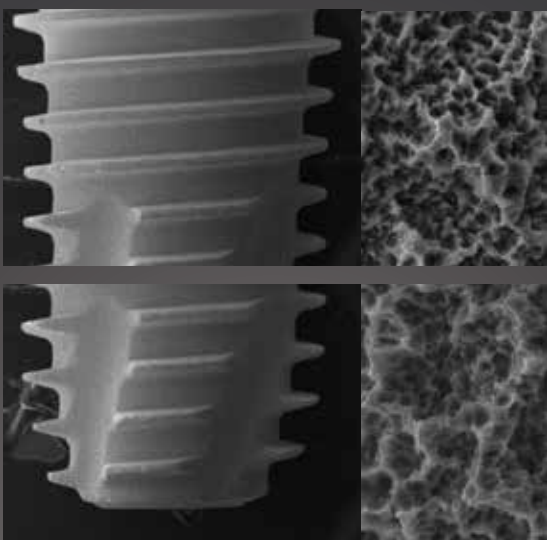
The upper part features a fine roughness to prevent peri-implantitis, while the body and apex areas have an optimal surface roughness most suitable for osseointegration.

Upper Body

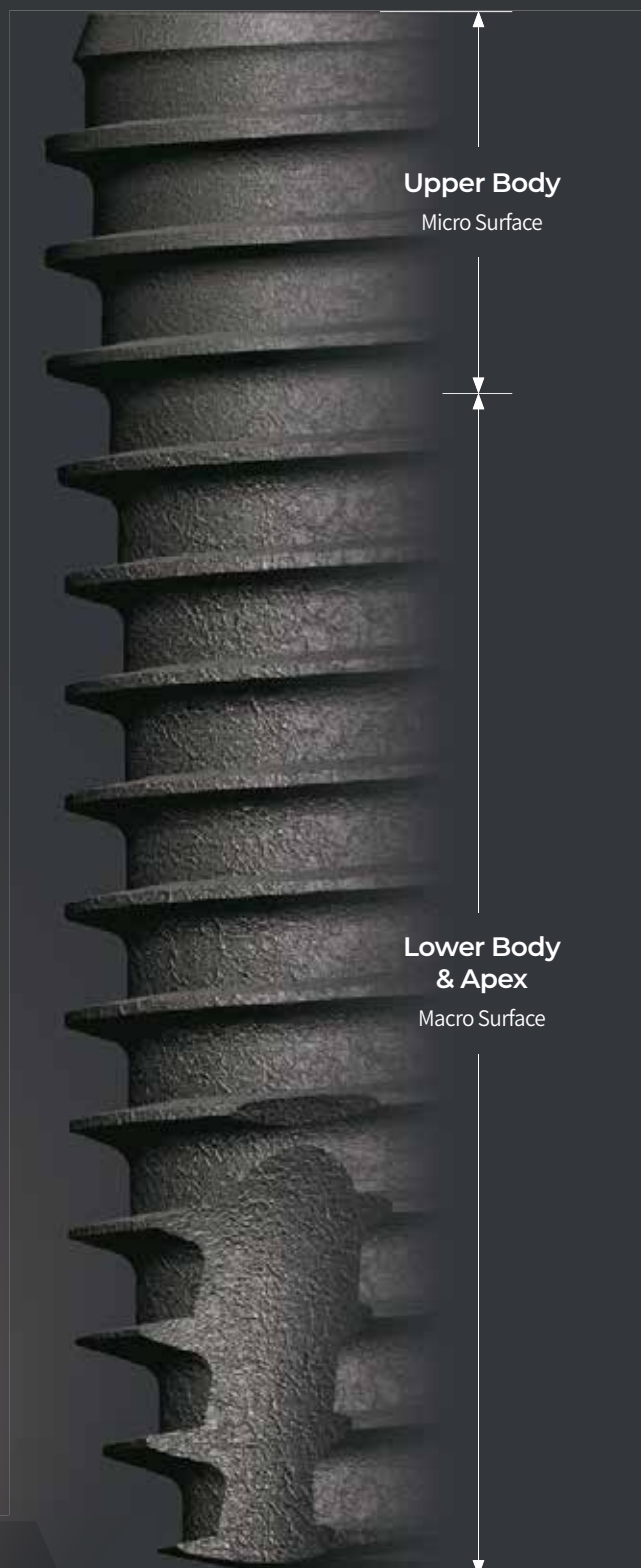


Micro Surface (2.5mm)

Lower Body & Apex



Macro Surface

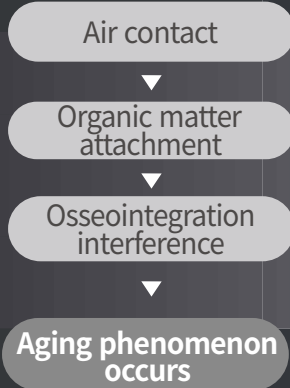


Surface Modification Effects of VUV Implants

VUV
Before irradiation

Aging phenomenon occurs

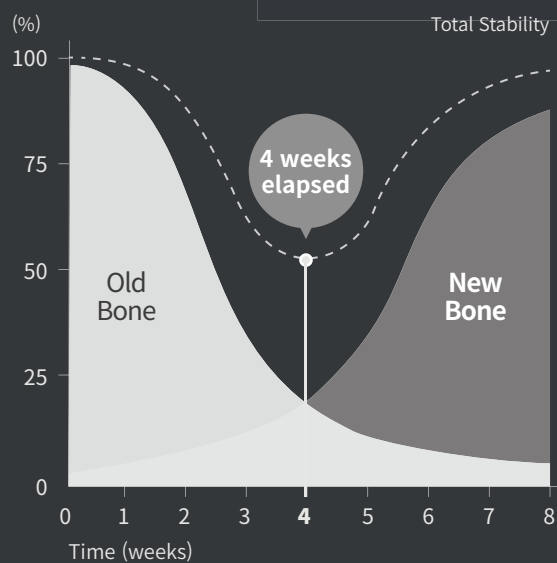
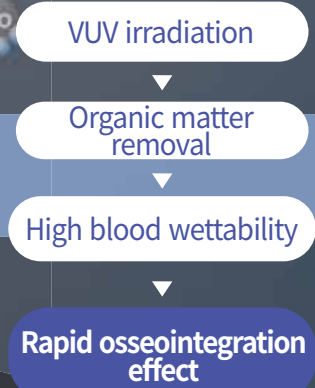
When stored for a long time, organic substances in the air form on the implant surface, causing a biological aging phenomenon that interferes with osseointegration



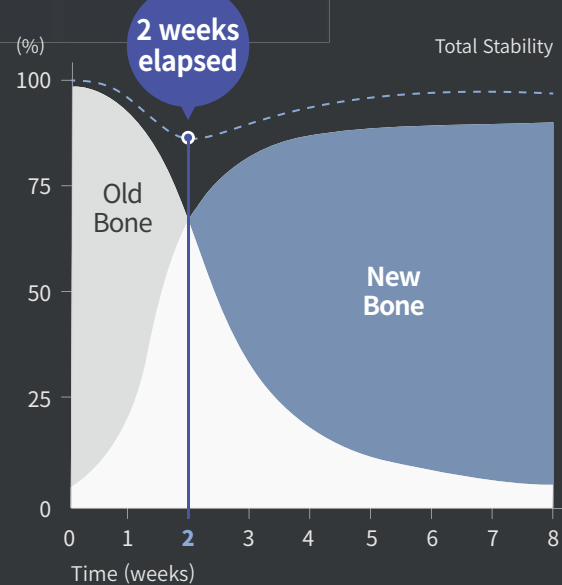
VUV
After irradiation

Anti-aging effect

By irradiating the implant surface with vacuum UV (VUV) light, more than 90% of organic substances are removed, enabling fast and strong bone formation



Regular implant



DIO VUV implant

*Source: *Implant Dentistry*, Vol. 22, Nov. 5, 2013, Takahiro Ogawa et al.

Internal Submerged System Contents

022

UFII
Implant

026

UFIII
Implant

030

Cover
Screw

032

GBR Screw



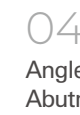
034

Healing
Abutment

037

Cemented
Abutment

039

Mill
Abutment

041

UCLA CCM
Abutment

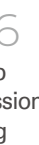
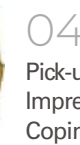
042

UCLA
Plastic
Abutment

043

Temporary
Abutment

044

2-Channel
Abutment

047

Transfer
Impression
Coping

048

Fixture
Analog

050

H-Scanbody
/ Jig

052

Scan
Adapter

053

Scan
Retractor

053

Wax
Denture

053

Marker



054

Pre-Milled
Bar

054

Digital
Fixture
Analog

055

Hybrid
Link

057

Solid
Abutment

058

Solid
Protect Cap

058

Solid
Impression
Cap

059

Solid
Abutment
Analog

059

Solid
Plastic
Coping

061

Conical
Angle
Abutment

061

Conical
Angle
Abutment
Screw
Driver

062

Conical
Abutment

062

Conical
Transfer
Impression
Coping

062

Conical
Healing
Cap

Internal Submerged System Contents

063
Conical
Pick-up
Impression
Coping



063
Conical
Digital
Analog



063
Conical
Abutment
Coping



064
Conical
Temporary
Cylinder



064
Conical
Plastic
Cylinder



064
Conical
H-Scan
body



065
Conical
Scan
Adapter



065
Conical
Abutment
Analog



065
Cylinder
Screw



065
Conical
Abutment
Driver



067
Multi-unit
Straight
Abutment



068
Multi-unit
Angled
Abutment



070
Multi-unit
Healing
Cap



070
Multi-unit
Pick-up
Impression
Coping



071
Multi-unit
Transfer
Impression
Coping



071
Multi-unit
H-Scanbody



071
Multi-unit
Scan
Adapter



072
Multi-unit
Angled
Abutment
Jig



072
Multi-unit
Direct
Screw



073
Multi-unit
Abutment
Analog



073
Multi-unit
Digital
Analog



074
Multi-unit
Cemented
Cylinder



074
Multi-unit
Plastic
Cylinder



075
Multi-unit
Temporary
Cylinder



075
Multi-unit
Eastab
Cylinder



077
DeSR
Base
Abutment
(Short)



078
DeSR
Base
Abutment
(Long)



079
DeSR
Healing
Cap



079
DeSR
H-Scanbody



080
DeSR
Scan
Adapter



080
DeSR
Digital
Analog



081
DeSR Base
Abutment
Cap



081
DeSR
Transfer
Impression
Coping



082
DeSR
Lab
Analog



082
DeSR
Direct
Screw



Internal Submerged System Contents

083

DeSR
Crown
Contact
Screw



085

Octa
Abutment



086

Octa
Healing
Cap



086

Octa
Pick-up
Impression
Coping



087

Octa
Transfer
Impression
Coping



087

Octa
Abutment
Analog



088

Octa
Cemented
Cylinder



088

Octa
Plastic
Cylinder



089

Octa
Temporary
Cylinder



091

Ball
Abutment



091

Ball
Abutment
Analog



092

O-Ring



092

Retainer
O-Ring
Set



092

Ball Cap
O-Ring
Set



093

OT Cap
(Orange)



093

Stainless
Steel
Housing



093

Insertion
Tool
For Caps



093

Remover
Tool
For Caps



094

DIO-Lock
Abutment



094

Locator
Abutment



095

DIO-Lock
Lab Analog



095

DIO-Lock
Torque
Driver



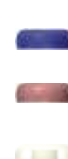
096

Locator
Male
Package



096

Locator
Replacement
Male



096

Locator
Extended
Replacement
Male



097

Locator
Denture
Cap + Black
Processing
Male Set



097

Locator
Black
Processing
Male



097

Locator
Block-Out
Spacer



097

Locator
Impression
Coping



098

Locator
Lab
Analog



098

Locator
CoreTool



098

Locator
Torque
Driver



Surgical Kits Contents

102

UFII
Master
Kit

UF 06



103

UFII
Surgical
Kit

UF 07



104

UFII
Surgical
Kit

UF 15



105

UFII
Narrow Kit

UF 08



106

UFII
Wide Kit

UF 09



107

UFII
Starter
Kit

UFST 00



116

Starter
Drill

116

Initial
Drill

116

Drill
Stopper

117

Straight
Drill

117

Lindemann
Drill

117

Final
Drill

118

Final
Drill

118

Straight
Drill
Stopper

119

Drill
Stopper

120

Profile
Drill

121

Tap
Drill

122

Parallel
Pin

122

Positioning
Guide

122

Pilot
Drill

123

Path Pin



123

Angled
Path Pin

124

Fixture
Driver

125

Drill
Extension
Set

126		126		127		128		128	
Screw Driver (Machine)		Screw Driver (Ratchet)		Abutment Driver		Angled Torque Driver		Abutment Removing Driver	

128		129		129		129	
Trephine Drill		Torque Wrench		Depth Gauge		Open Wrench	

132

DIO NAVI
Master S Kit

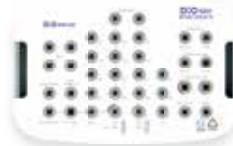
UF 77



133

DIO NAVI
Narrow Kit

UF 14



134

DIO NAVI
Wide Kit

UF 11



135

DIO NAVI
Starter Kit

UFST 01



154

DIO NAVI
Flapless
Crestal Sinus
Kit

SMK 02



158

DIO NAVI
Special Kit

SGF 02



144

Tissue
Punch


144

Bone
Flattening
Drill


144

Guide Drill



145

Initial Drill



145

Initial
Positioning
Drill


145

Drill Tube



146

Final Drill
(Narrow)


146

Final Drill
(Regular)


147

Final Drill
(Wide)


148

Profile Drill



148

Tap Drill



149

Guide Side
Cut Drill


149

Abutment
Profile Drill


150

Drill
Extension
Set


150

Connector
Extension


150

Implant
Connector
Remover


151

Implant
Connector


152

Screw
Driver
(Machine)


152

Screw
Driver
(Ratchet)


152

Torque
Wrench


DIO NAVI Kits Contents

155
Ø2.0 Drill
Stopper



155
Sinus Drill



156
Sinus Drill
Stopper



156
Depth
Gauge
& Bone
Condenser



157
Membrane
Lifter



157
Square
Wrench



157
Saline
Tube



159
Anchor
Drill



159
Stopper



159
Anchor
Screw



159
Anchor
Screw
Driver



160
Initial
Drill



160
Point
Straight
Drill



160
Straight
Drill



161
Surgical
Guide Fix
Pin



161
Surgical
Guide Fix



162
Metal
Needle
Tip



162
DIO NAVI
Drill Plate



163
Bone
Profile
Drill



163
Guide
Screw



163
Abutment
Seal
Remover



164
Surgical
Guide
Sleeve



164
Anchor
Sleeve



165
Sleeve
assembly
Jig / Cutter



168

New
Dr. SOS+
Kit

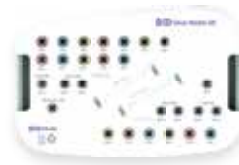
DRS 05



174

Sinus
Master Kit

SMK 01



182

Bone
Expander
Kit

BEP 00



183

UFII
Prosthetic
Kit

UFP 02



169

Internal
Guide



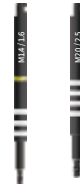
169

External
Guide



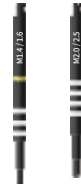
170

Reverse
Cutting
Drill



170

Remove
Bar



171

Screw
Remove
Tip



171

Screw
Holder



172

Universal
Fixture
Removing
Driver



172

Screw
Guide Tap



172

Square
Handle



173

Square
Adapter



173

Square
Wrench



173

Trephine
Drill



175

Ø2.0 Initial
Drill



175

Round
Drill



175

Stopper



176

Depth
Gauge



176

Bone
Condenser



176

Membrane
Lifter



176

Saline
Tube



177

Round
Drill



177

Core Drill



177

Stopper



Equipment & Materials

Contents

186

UV
Activator2

UV activator



D:O IMPLANT

01

Internal Submerged System

022	UFII Implant	044	2-Channel Abutment
026	UFIII Implant	056	Solid Abutment
030	Cover Screw	061	Conical Abutment
032	GBR Screw	066	Multi-unit Abutment
034	Healing Abutment	076	DeSR Abutment
037	Cemented Abutment	084	Octa Abutment
039	Mill Abutment	091	Ball Abutment
040	Angled Abutment	094	DIO-Lock Abutment
041	UCLA Abutment	094	Locator Abutment
043	Temporary Abutment		

UFII Implant

Open Thread

Placement depth can be controlled by reducing fixture placement resistance.

Upper Thread

Tapered Thread, Initial Fixation

By applying a Tapered Thread to the Straight body, stress on the upper part of the Fixture is effectively distributed. The thread depth gradually decreases towards the top to reduce friction in the Cortical Bone.

Straight Body

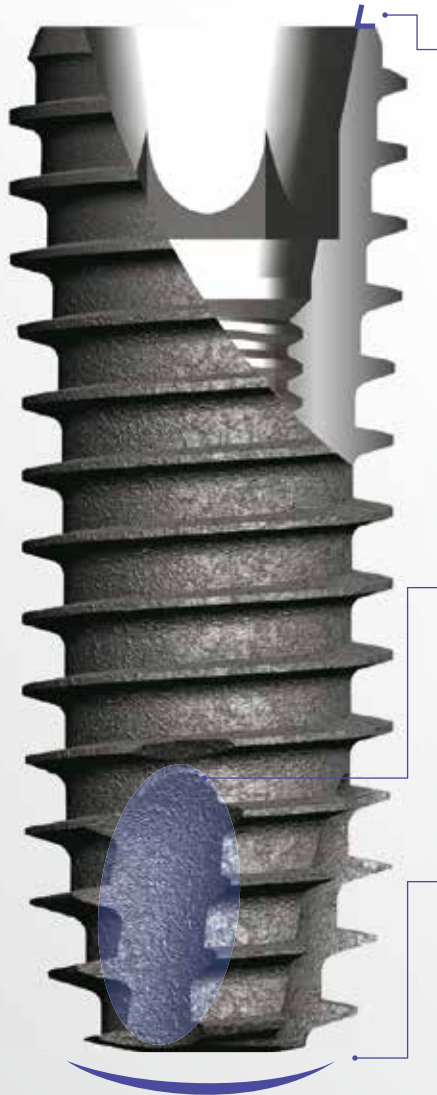
Decrement of Bone Damage

The length of the Fixture changes with the length variation of the Body part, and stable placement is possible for long Fixtures, similar to the Straight Type.

Tapered Body

Tapered Guide Gradually

The application of a Tapered design enables easy initial entry even when using smaller Drilling in weak bone quality.



Platform Switching

The Platform Switching structure allows for stable prosthetic connection.

Morse Tapered Contact Connection

The tightness and load distribution between the Fixture and Abutment are excellent.

Cutting Edge

The sharp Edge area can increase the efficiency of Self-tapping.

Apex

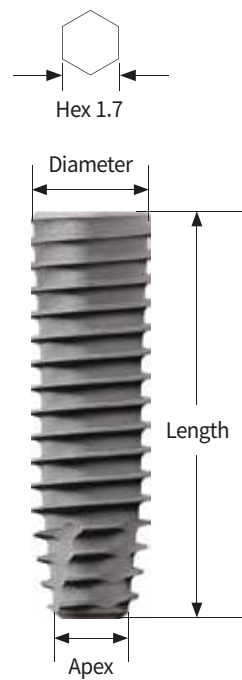
The gentle Round shape can reduce tissue damage caused by the Implant when used in the maxillary sinus



Narrow Fixture

Ø3.0 Fixture Dedicated for anterior teeth

- HSA / Packing Unit
 - Fixture | Order Code : UF(II)N 0000SF (ex : UF(II)N 3008SF)
 - Fixture + Cover Screw | Order Code : UF(II)N 0000S (ex : UF(II)N 3008S)
- VUV / Packing Unit
 - Fixture | Order Code : UF(II)N 0000UV3 (ex : UF(II)N 3008UV3)



N

D Ø3.0
Hex 1.7
Apex Ø1.6

Unit mm					
Length	8.5	10	11.5	13	15
					
HSA	UF(II)N 3008SF	UF(II)N 3010SF	UF(II)N 3011SF	UF(II)N 3013SF	UF(II)N 3015SF
VUV	UF(II)N 3008UV3	UF(II)N 3010UV3	UF(II)N 3011UV3	UF(II)N 3013UV3	UF(II)N 3015UV3

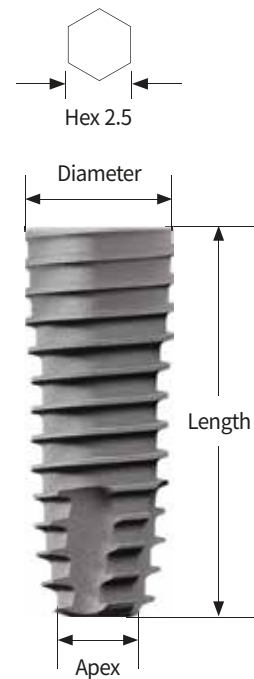
N

D Ø3.3
Hex 1.7
Apex Ø1.9

Length	8.5	10	11.5	13	15
					
HSA	UF(II)N 3308SF	UF(II)N 3310SF	UF(II)N 3311SF	UF(II)N 3313SF	UF(II)N 3315SF
VUV	UF(II)N 3308UV3	UF(II)N 3310UV3	UF(II)N 3311UV3	UF(II)N 3313UV3	UF(II)N 3315UV3

Regular Fixture

- HSA / Packing Unit
 - Fixture | Order Code : UF(II) 0000SF (ex : UF(II) 3808SF)
 - Fixture + Cover Screw | Order code : UF(II) 0000S (ex : UF(II) 3808S)
- VUV / Packing Unit
 - Fixture | Order Code : UF(II) 0000UV3 (ex : UF(II) 3808UV3)



R

D Ø3.8

Hex 2.5

Apex Ø1.4

Unit mm

Length	8.5	10	11.5	13	15	16	18
							
HSA	UF(II) 3808SF	UF(II) 3810SF	UF(II) 3811SF	UF(II) 3813SF	UF(II) 3815SF	UF(II) 3816SF	UF(II) 3818SF
VUV	UF(II) 3808UV3	UF(II) 3810UV3	UF(II) 3811UV3	UF(II) 3813UV3	UF(II) 3815UV3	UF(II) 3816UV3	UF(II) 3818UV3

R

D Ø4.0

Hex 2.5

Apex Ø1.6

Length	7(5.5)	7	8.5	10	11.5	13	15	16	18
									
HSA	UF(II) 4005SF	UF(II) 4007SF	UF(II) 4008SF	UF(II) 4010SF	UF(II) 4011SF	UF(II) 4013SF	UF(II) 4015SF	UF(II) 4016SF	UF(II) 4018SF
VUV	UF(II) 4005UV3	UF(II) 4007UV3	UF(II) 4008UV3	UF(II) 4010UV3	UF(II) 4011UV3	UF(II) 4013UV3	UF(II) 4015UV3	UF(II) 4016UV3	UF(II) 4018UV3

R

D Ø4.5

Hex 2.5

Apex Ø1.6

Length	7(5.5)	7	8.5	10	11.5	13	15	16	18
									
HSA	UF(II) 4505SF	UF(II) 4507SF	UF(II) 4508SF	UF(II) 4510SF	UF(II) 4511SF	UF(II) 4513SF	UF(II) 4515SF	UF(II) 4516SF	UF(II) 4518SF
VUV	UF(II) 4505UV3	UF(II) 4507UV3	UF(II) 4508UV3	UF(II) 4510UV3	UF(II) 4511UV3	UF(II) 4513UV3	UF(II) 4515UV3	UF(II) 4516UV3	UF(II) 4518UV3

R**D Ø5.0**

Hex 2.5

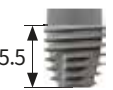
Apex Ø2.0

Length	7(5.5)	7	8.5	10	11.5	13	15	16	18
									
HSA	UF(II) 5005SF	UF(II) 5007SF	UF(II) 5008SF	UF(II) 5010SF	UF(II) 5011SF	UF(II) 5013SF	UF(II) 5015SF	UF(II) 5016SF	UF(II) 5018SF
VUV	UF(II) 5005UV3	UF(II) 5007UV3	UF(II) 5008UV3	UF(II) 5010UV3	UF(II) 5011UV3	UF(II) 5013UV3	-	-	-

R**D Ø5.5**

Hex 2.5

Apex Ø2.5

Length	7(5.5)	7	8.5	10	11.5	13	15	16	18
									
HSA	UF(II) 5505SF	UF(II) 5507SF	UF(II) 5508SF	UF(II) 5510SF	UF(II) 5511SF	UF(II) 5513SF	UF(II) 5515SF	UF(II) 5516SF	UF(II) 5518SF
VUV	UF(II) 5505UV3	UF(II) 5507UV3	UF(II) 5508UV3	UF(II) 5510UV3	UF(II) 5511UV3	UF(II) 5513UV3	UF(II) 5515UV3	UF(II) 5516UV3	UF(II) 5518UV3

R**D Ø5.9**

Hex 2.5

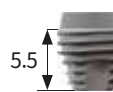
Apex Ø3.6

Length	7(5.5)	7	8.5	10	11.5	13	15
							
HSA	UF(II) 6005SF	UF(II) 6007SF	UF(II) 6008SF	UF(II) 6010SF	UF(II) 6011SF	UF(II) 6013SF	UF(II) 6015SF
VUV	UF(II) 6005UV3	UF(II) 6007UV3	UF(II) 6008UV3	UF(II) 6010UV3	UF(II) 6011UV3	UF(II) 6013UV3	UF(II) 6015UV3

R**D Ø6.4**

Hex 2.5

Apex Ø3.6

Length	7(5.5)	7	8.5	10	11.5	13	15
							
HSA	UF(II) 6505SF	UF(II) 6507SF	UF(II) 6508SF	UF(II) 6510SF	UF(II) 6511SF	UF(II) 6513SF	UF(II) 6515SF
VUV	UF(II) 6505UV3	UF(II) 6507UV3	UF(II) 6508UV3	UF(II) 6510UV3	UF(II) 6511UV3	UF(II) 6513UV3	UF(II) 6515UV3

R**D Ø6.9**

Hex 2.5

Apex Ø3.6

Length	7(5.5)	7	8.5	10	11.5	13	15
							
HSA	UF(II) 7005SF	UF(II) 7007SF	UF(II) 7008SF	UF(II) 7010SF	UF(II) 7011SF	UF(II) 7013SF	UF(II) 7015SF

UFIII Implant

Fully Tapered Body

The overall Tapered Type provides excellent placement sensation.

Power Cutting Edge

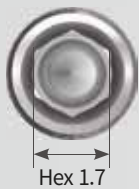
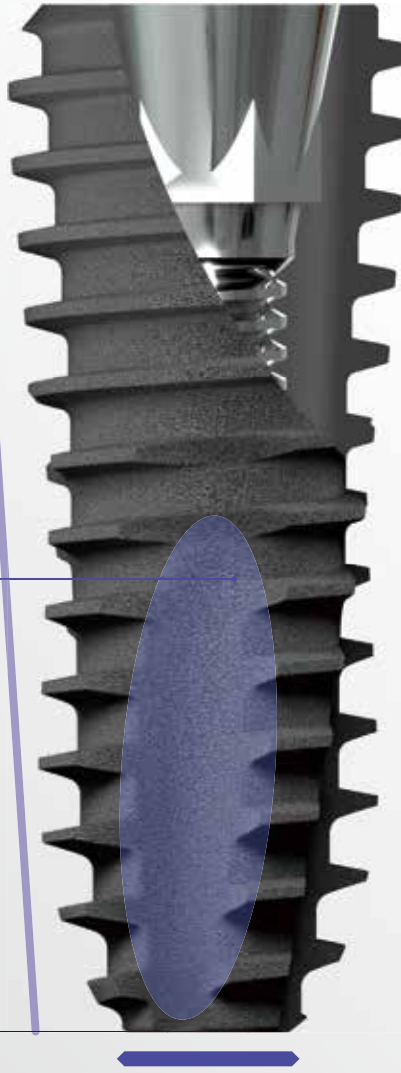
With its elongated and sharp edge design, self-tapping is easily achieved even in under-drilling conditions.

Extra Diameter

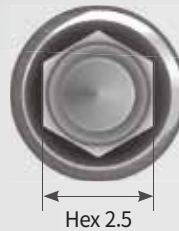
Stable fixation is obtained even in soft bone and maxillary sinus cases.

Wide Thread Pitch

We have applied a thread pitch spacing and depth design that maximizes the BIC (Bone-to-Implant Contact) effect.



Hex 1.7



Hex 2.5

Hex

1.7

2.5

Fixture Body

Ø3.0

Ø3.3

Ø3.8

Ø4.0

Ø4.5

Ø5.0

Ø5.5

Ø5.9

Ø6.4

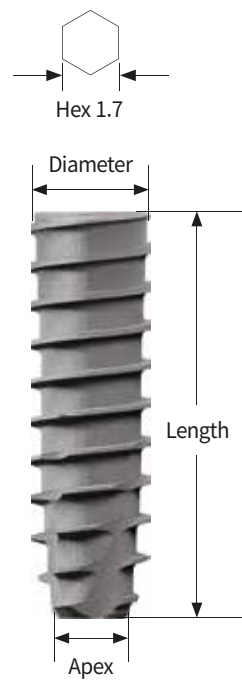
Ø6.9

Narrow

Regular

Narrow Fixture

- HSA / Packing Unit
 - Fixture | Order Code : UFIIN 0000SF (ex : UFIIN 3008SF)
 - Fixture + Cover Screw | Order Code : UFIIN 0000S (ex : UFIIN 3008S)
- VUV / Packing Unit
 - Fixture | Order Code : UFIIN 0000UV3 (ex : UFIIN 3008UV3)



N

D Ø3.0

Hex 1.7

Apex Ø1.6

Unit mm					
Length	8.5	10	11.5	13	15
					
HSA	UFIIN 3008SF	UFIIN 3010SF	UFIIN 3011SF	UFIIN 3013SF	UFIIN 3015SF
VUV	UFIIN 3008UV3	UFIIN 3010UV3	UFIIN 3011UV3	UFIIN 3013UV3	-

N

D Ø3.3

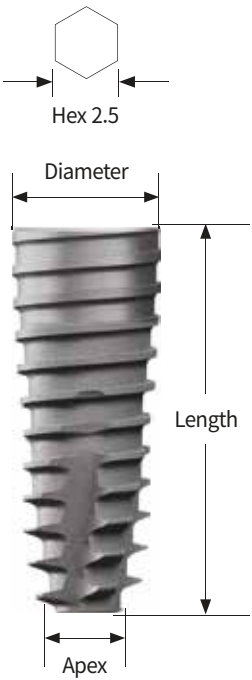
Hex 1.7

Apex Ø1.7

Length	8.5	10	11.5	13	15
					
HSA	UFIIN 3308SF	UFIIN 3310SF	UFIIN 3311SF	UFIIN 3313SF	UFIIN 3315SF
VUV	UFIIN 3308UV3	UFIIN 3310UV3	UFIIN 3311UV3	UFIIN 3313UV3	-

Regular Fixture

- HSA / Packing Unit
 - Fixture | Order Code : UFIII 0000SF (ex : UFIII 3808SF)
 - Fixture + Cover Screw | Order Code : UFIII 0000S (ex : UFIII 3808S)
- VUV / Packing Unit
 - Fixture | Order Code : UFIII 0000UV3 (ex : UFIII 3808UV3)



R

D Ø3.8
Hex 2.5
Apex Ø1.4

Unit mm							
Length	8.5	10	11.5	13	15	16	18
HSA	UFIII 3808SF	UFIII 3810SF	UFIII 3811SF	UFIII 3813SF	UFIII 3815SF	UFIII 3816SF	UFIII 3818SF
VUV	UFIII 3808UV3	UFIII 3810UV3	UFIII 3811UV3	UFIII 3813UV3	UFIII 3815UV3	UFIII 3816UV3	UFIII 3818UV3

R

D Ø4.0
Hex 2.5
Apex Ø1.6

Length	7	8.5	10	11.5	13	15	16	18
HSA	UFIII 4007SF	UFIII 4008SF	UFIII 4010SF	UFIII 4011SF	UFIII 4013SF	UFIII 4015SF	UFIII 4016SF	UFIII 4018SF
VUV	UFIII 4007UV3	UFIII 4008UV3	UFIII 4010UV3	UFIII 4011UV3	UFIII 4013UV3	UFIII 4015UV3	UFIII 4016UV3	UFIII 4018UV3

R

D Ø4.5
Hex 2.5
Apex Ø1.6

Length	7	8.5	10	11.5	13	15	16	18
HSA	UFIII 4507SF	UFIII 4508SF	UFIII 4510SF	UFIII 4511SF	UFIII 4513SF	UFIII 4515SF	UFIII 4516SF	UFIII 4518SF
VUV	UFIII 4507UV3	UFIII 4508UV3	UFIII 4510UV3	UFIII 4511UV3	UFIII 4513UV3	UFIII 4515UV3	UFIII 4516UV3	UFIII 4518UV3

R**D Ø5.0**

Hex 2.5

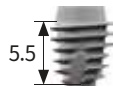
Apex Ø2.0

Length	7	8.5	10	11.5	13	15	16	18
								
HSA	UFIII 5007SF	UFIII 5008SF	UFIII 5010SF	UFIII 5011SF	UFIII 5013SF	UFIII 5015SF	UFIII 5016SF	UFIII 5018SF
VUV	UFIII 5007UV3	UFIII 5008UV3	UFIII 5010UV3	UFIII 5011UV3	UFIII 5013UV3	UFIII 5015UV3	UFIII 5016UV3	UFIII 5018UV3

R**D Ø5.5**

Hex 2.5

Apex Ø2.4

Length	7(5.5)	7	8.5	10	11.5	13
						
HSA	UFIII 5505SF	UFIII 5507SF	UFIII 5508SF	UFIII 5510SF	UFIII 5511SF	UFIII 5513SF
VUV	UFIII 5505UV3	UFIII 5507UV3	UFIII 5508UV3	UFIII 5510UV3	UFIII 5511UV3	UFIII 5513UV3

R**D Ø5.9**

Hex 2.5

Apex Ø2.4

Length	7(5.5)	7	8.5	10	11.5
					
HSA	UFIII 6005SF	UFIII 6007SF	UFIII 6008SF	UFIII 6010SF	UFIII 6011SF
VUV	UFIII 6005UV3	UFIII 6007UV3	UFIII 6008UV3	UFIII 6010UV3	UFIII 6011UV3

R**D Ø6.4**

Hex 2.5

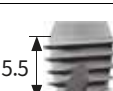
Apex Ø2.6

Length	7(5.5)	7	8.5	10	11.5
					
HSA	UFIII 6505SF	UFIII 6507SF	UFIII 6508SF	UFIII 6510SF	UFIII 6511SF
VUV	UFIII 6505UV3	UFIII 6507UV3	UFIII 6508UV3	UFIII 6510UV3	UFIII 6511UV3

R**D Ø6.9**

Hex 2.5

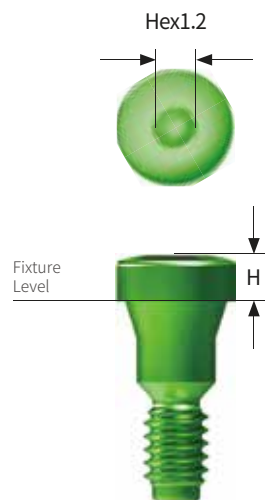
Apex Ø2.8

Length	7(5.5)	7	8.5	10	11.5
					
HSA	UFIII 7005SF	UFIII 7007SF	UFIII 7008SF	UFIII 7010SF	UFIII 7011SF

Cover Screw Components

Used to protect the implant interior during 2-stage procedures

- Use 1.2 Hex Driver
- Instructions for Use
 - ① Remove blood or debris from the implant interior, then install the screw
 - ② Tighten the screw by hand using the 1.2 Hex Driver (5~8Ncm)
- Tightening Torque : 5~8Ncm



Unit mm

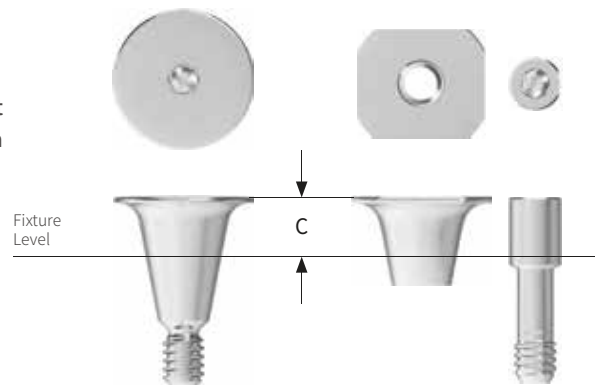
N R		Fixture Size	
		Narrow	Regular
			
Height 0		UNSCS 2700	SSCS 3400 -
1		UNSCS 2710	- SSCS 3410
2		UNSCS 2720	- SSCS 3420
3		UNSCS 2730	- SSCS 3430

D:O IMPLANT

GBR Screw GBR

Used to protect fixture interior during GBR surgery and prevent bone graft material from escaping or scattering outside gingiva

- Use 1.2 Hex Driver
- Used instead of resorbable membrane
- Cuff shape is concave to secure bone graft space
- Two-piece type products can be used according to implant placement position and distance from adjacent teeth



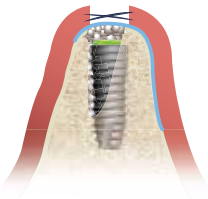
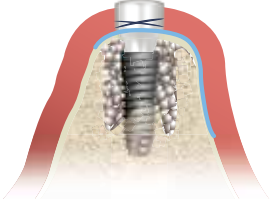
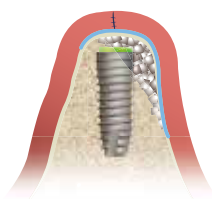
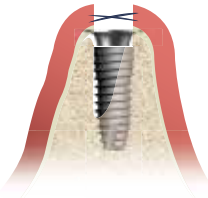
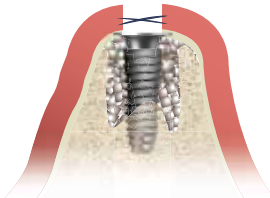
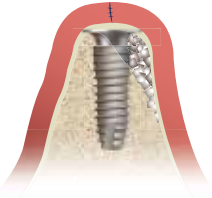
One-Piece

Two-Piece

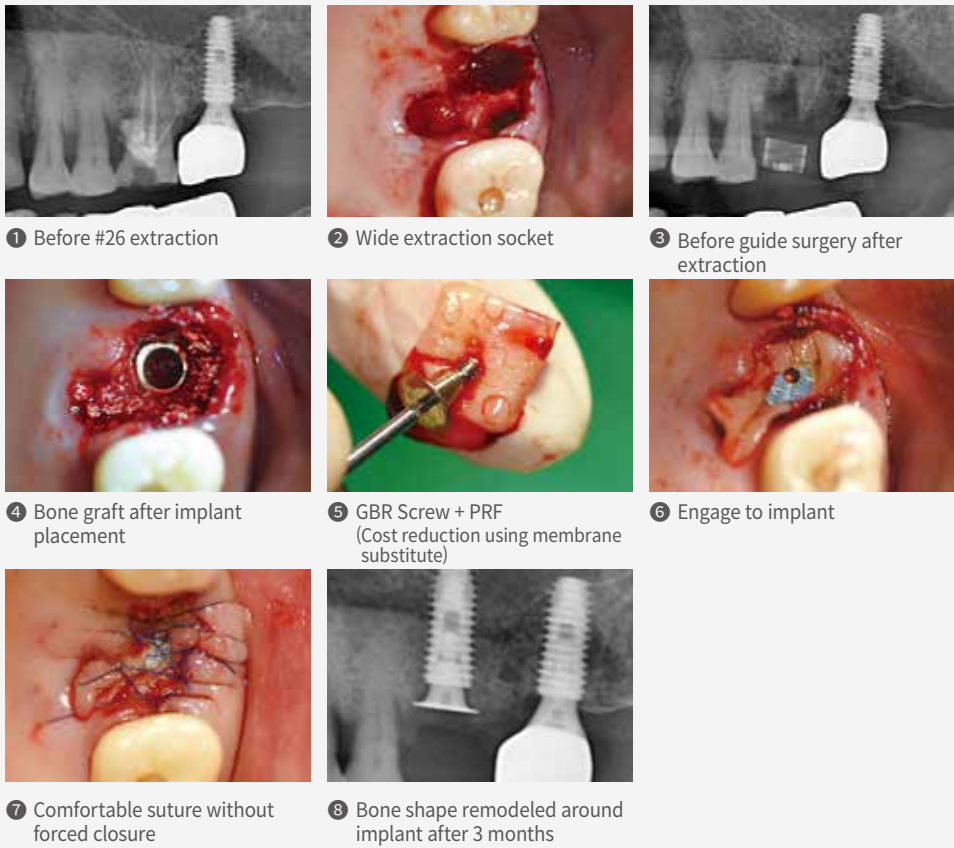
Unit mm

R

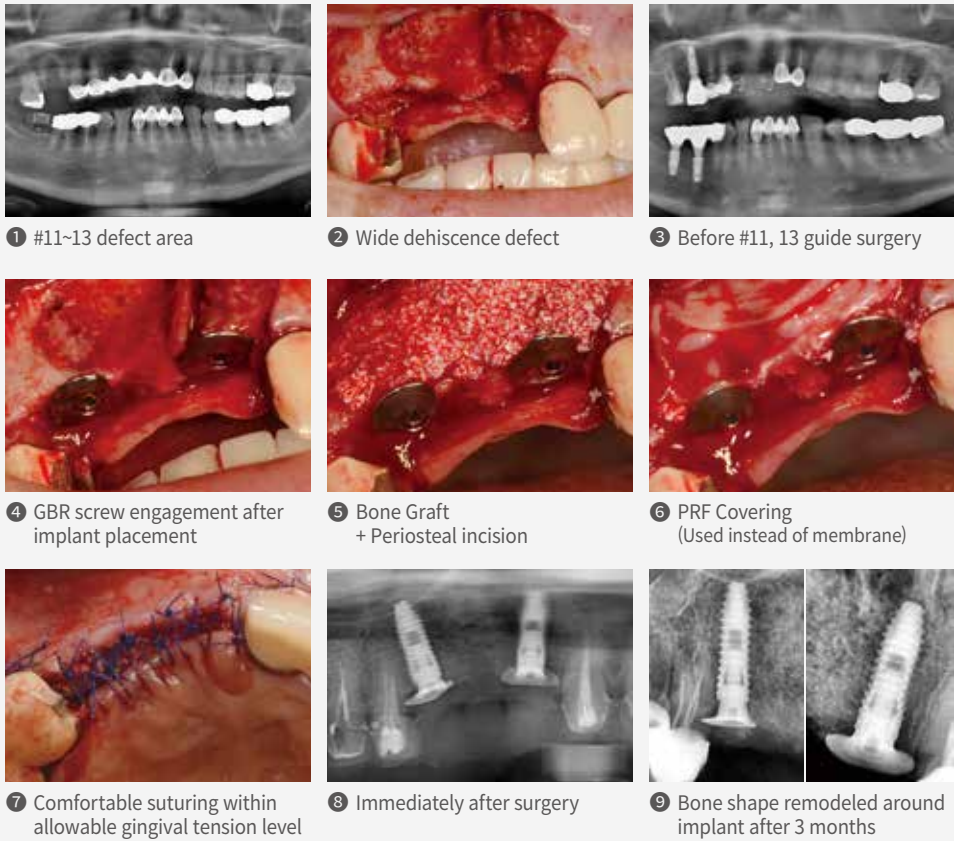
Fixture Size		Regular	
Type	One - Piece	Two - Piece	
			
Cuff 1.5	BFC 6565S	BFC 8080S	BFC 7060S
3	BFC 6565L	BFC 8080L	BFC 8055S
			BFC 7060L
			BFC 8055L

	Extraction socket		Dehiscence
	Gap 1.5mm or less	Gap 1.5mm or more	3 threads or less exposed
Existing			
GBR Screw			
Advantages	1 Simple gingival suturing (Open Suture) 2 Stable space maintenance 3 Prevention of soft tissue invagination 4 Bone graft used selectively	1 Simple gingival suturing (Open Suture) 2 Stable space maintenance 3 Prevention of gingival downward infiltration 4 Membrane can be omitted using PRF	1 Simple gingival suturing 2 Stable space maintenance 3 Membrane can be omitted using PRF
Surgical difficulty control	Low → lowest	Medium → low	Medium, high → low, medium

Case 01. Extraction socket

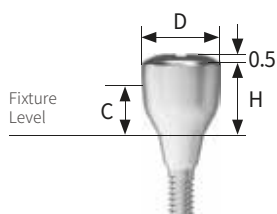
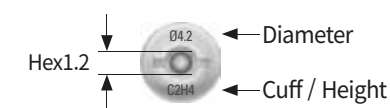


Case 02. Dehiscence

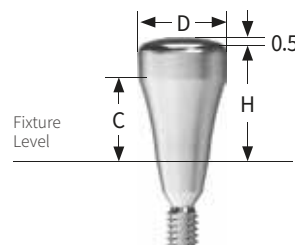
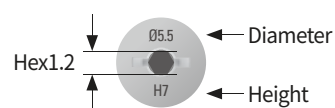


Healing Abutment Components

- Use 1.2 Hex Driver
- Use 0.5 Slot Driver
- Tightening Torque : 5~8Ncm



Narrow



Regular

Unit mm

N

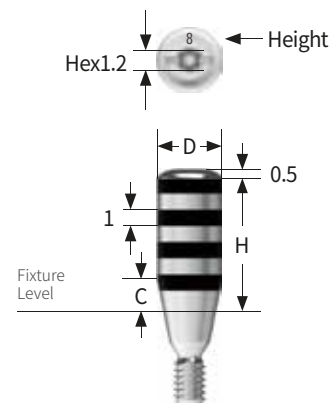
Fixture Size		Narrow	
Diameter		Ø4.2	Ø4.7
			
Height 2	Cuff 2	UNSHA 4020	UNSHA 4520
4	2	UNSHA 4024	UNSHA 4524
5.5	3	UNSHA 4035	UNSHA 4535
7	4	UNSHA 4047	UNSHA 4547
8.5	5	UNSHA 4058	UNSHA 4558
10	6	UNSHA 4060	UNSHA 4560

R

Fixture Size		Regular			
Diameter		Ø4.5	Ø5.5	Ø6.5	Ø7.5
					
Height 2	Cuff 2	SSHA 4520	SSHA 5520	SSHA 6520	SSHA 7520
3	1	SSHA 4513	SSHA 5513	-	-
4	2	SSHA 4524	SSHA 5524	SSHA 6524	SSHA 7524
5	2	-	SSHA 5525	-	-
5.5	3	SSHA 4535	SSHA 5535	SSHA 6535	SSHA 7535
6	4	-	SSHA 5546	SSHA 6546	-
7	3	SSHA 4537	SSHA 5537	-	SSHA 7537
7	4	SSHA 4547	SSHA 5547	SSHA 6547	SSHA 7547
8	6	SSHA 4568	SSHA 5568	SSHA 6568	-
9	6	SSHA 4569	SSHA 5569	-	-
9	7	SSHA 4579	SSHA 5579	SSHA 6579	-
11	8	SSHA 45811	SSHA 55811	-	-

Used with small diameter abutments such as Ball Abutments
Used when fixtures are placed at greater depths

- Use 1.2 Hex Driver
- Use 0.5 Slot Driver
- Tightening Torque : 5~8Ncm



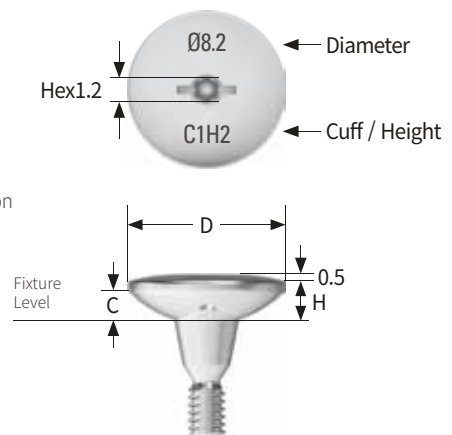
Unit mm

R
D Ø4.0

Fixture Size		Regular			
Height		2	4	6	8
					
Cuff 2		SSHA 4020	SSHA 4040	SSHA 4060	SSHA 4080

Forms gingival contours when fabricating posterior or custom abutments

- Caution
 - ① Tighten by hand using 1.2 Hex Driver (5~8Ncm)
 - ② Selection available based on patient's gum height and abutment to be used
 - Component designed to secure emergence profile in posterior regions or minimize inflammatory response from gingival compression during custom abutment fabrication
 - After fixture placement, applying antibiotic lubricant before installing cover screws or healing abutments facilitates easier screw removal (Antibiotics: Minocycline, Perio Clean, etc.)
- Use 1.2 Hex Driver / Use 0.5 Slot Driver
- Tightening Torque : 5~8Ncm

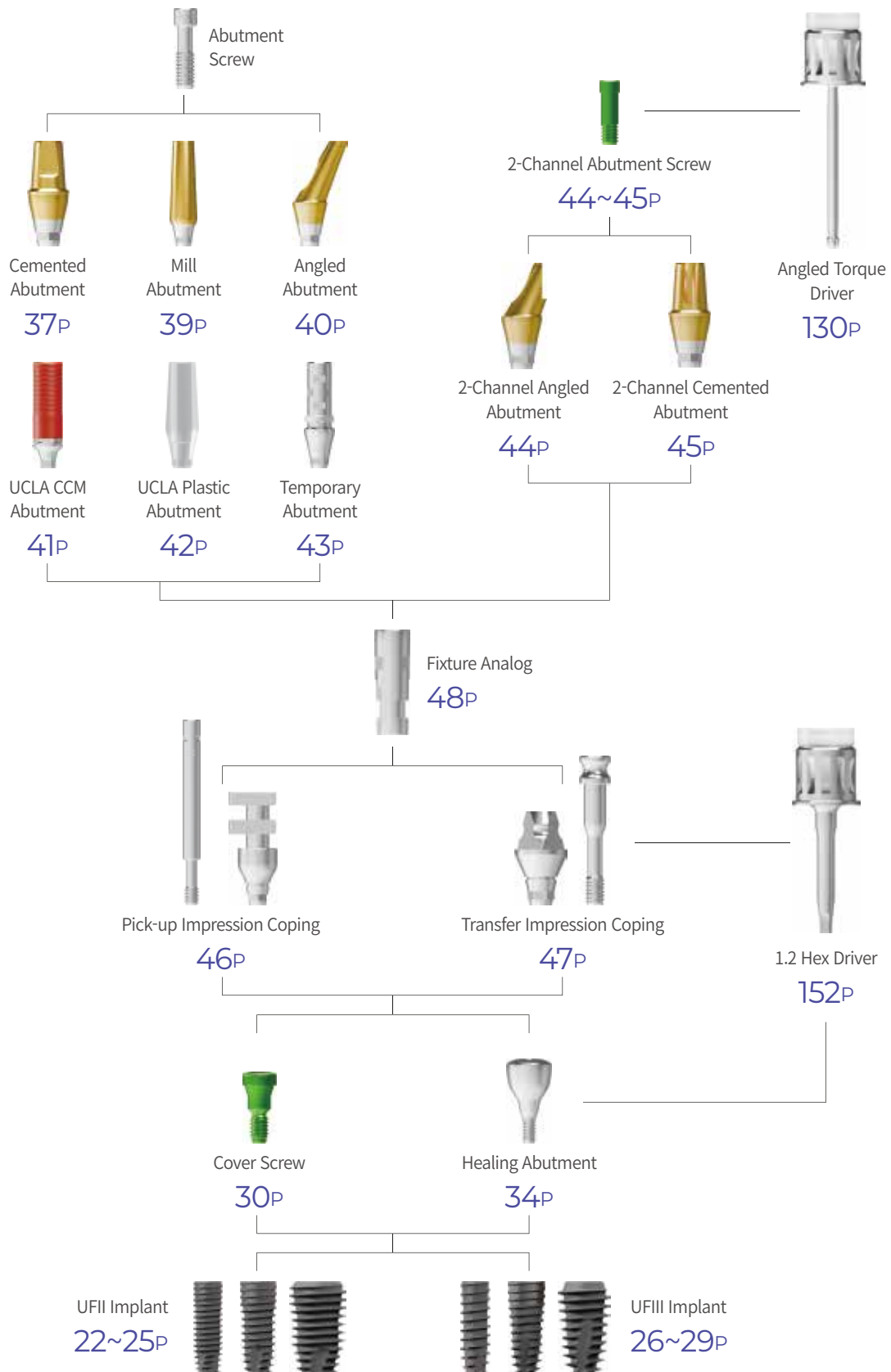


Unit mm

R

Fixture Size		Regular	
Diameter		Ø8.2	Ø9.2
			
Height 2	Cuff 1	SSHA 8212	SSHA 9212
3	2	SSHA 8223	SSHA 9223
4	3	SSHA 8234	SSHA 9234
5	4	SSHA 8245	SSHA 9245

Cemented | Mill | Angled | UCLA | Temporary | 2-Channel Abutment Prosthetic Flow Chart

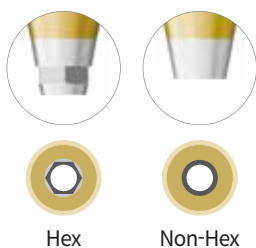


Cemented Abutment

37

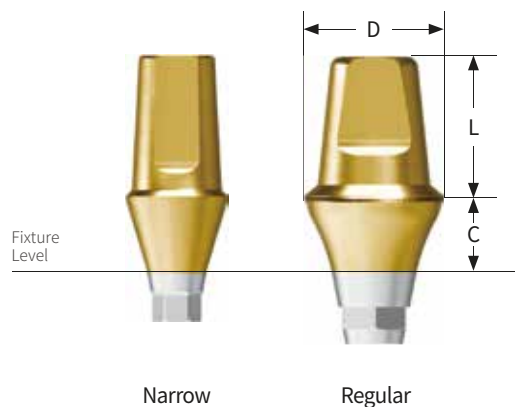
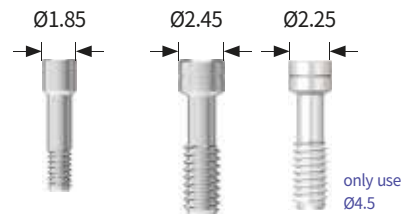
Used for fabrication of standard CRP / SCRP type prosthetics

- Gold coloring applied to the upper connection area for enhanced esthetics
- Available in Hex / Non-Hex types based on fixture connection method
- Anti-rotational cross-section design to prevent prosthetic rotation
- Use 1.2 Hex Driver
- Compatible with Solid Abutment Impression Cap
- Packing Unit : Abutment + Abutment Screw
- Tightening Torque : **N** 20Ncm / **R** 30~35Ncm



Hex

Non-Hex



Narrow

Regular

Unit mm

N **R**
Hex

Fixture Size			Narrow		Regular			
Diameter			Ø4.0	Ø4.5	Ø5.0	Ø5.5	Ø6.5	Ø7.5
Screw			UNSAS 1407H	SSC 2008SH	SSC 2008H	SSC 2008H	SSC 2008H	SSC 2008H
								
Length 4	Cuff 1	-	SSCA 45104H(II)[H]	-	SSCA 55104H(II)[H]	SSCA 65104H(II)[H]	SSCA 75104H(II)[H]	
	2	-	SSCA 45204H(II)[H]	-	SSCA 55204H(II)[H]	SSCA 65204H(II)[H]	SSCA 75204H(II)[H]	
	3	-	SSCA 45304H(II)[H]	-	SSCA 55304H(II)[H]	SSCA 65304H(II)[H]	SSCA 75304H(II)[H]	
	4	-	SSCA 45404H(II)[H]	-	SSCA 55404H(II)[H]	SSCA 65404H(II)[H]	SSCA 75404H(II)[H]	
	5	-	SSCA 45504H(II)[H]	-	SSCA 55504H(II)[H]	SSCA 65504H(II)[H]	SSCA 75504H(II)[H]	
Length 5	Cuff 3	-	-	SSCA 50305H(II)[H]	-	-	-	
	4	-	-	SSCA 50405H(II)[H]	-	-	-	
Length 5.5	Cuff 1	UNSCA 40105H[H]	SSCA 45105H(II)[H]	-	SSCA 55105H(II)[H]	SSCA 65105H(II)[H]	SSCA 75105H(II)[H]	
	2	UNSCA 40205H[H]	SSCA 45205H(II)[H]	-	SSCA 55205H(II)[H]	SSCA 65205H(II)[H]	SSCA 75205H(II)[H]	
	3	UNSCA 40305H[H]	SSCA 45305H(II)[H]	-	SSCA 55305H(II)[H]	SSCA 65305H(II)[H]	SSCA 75305H(II)[H]	
	4	UNSCA 40405H[H]	SSCA 45405H(II)[H]	-	SSCA 55405H(II)[H]	SSCA 65405H(II)[H]	SSCA 75405H(II)[H]	
	5	UNSCA 40505H[H]	SSCA 45505H(II)[H]	-	SSCA 55505H(II)[H]	SSCA 65505H(II)[H]	SSCA 75505H(II)[H]	
	6	UNSCA 40605H[H]	-	-	-	-	-	
	7	UNSCA 40705H[H]	-	-	-	-	-	
Length 7	Cuff 1	UNSCA 40107H[H]	SSCA 45107H(II)[H]	-	SSCA 55107H(II)[H]	SSCA 65107H(II)[H]	SSCA 75107H(II)[H]	
	2	UNSCA 40207H[H]	SSCA 45207H(II)[H]	-	SSCA 55207H(II)[H]	SSCA 65207H(II)[H]	SSCA 75207H(II)[H]	
	3	UNSCA 40307H[H]	SSCA 45307H(II)[H]	SSCA 50307H(II)[H]	SSCA 55307H(II)[H]	SSCA 65307H(II)[H]	SSCA 75307H(II)[H]	
	4	UNSCA 40407H[H]	SSCA 45407H(II)[H]	SSCA 50407H(II)[H]	SSCA 55407H(II)[H]	SSCA 65407H(II)[H]	SSCA 75407H(II)[H]	
	5	UNSCA 40507H[H]	SSCA 45507H(II)[H]	SSCA 50507H(II)[H]	SSCA 55507H(II)[H]	SSCA 65507H(II)[H]	SSCA 75507H(II)[H]	
	6	UNSCA 40607H[H]	-	SSCA 50607H(II)[H]	-	-	-	
	7	UNSCA 40707H[H]	-	SSCA 50707H(II)[H]	-	-	-	

Cemented Abutment

Unit mm

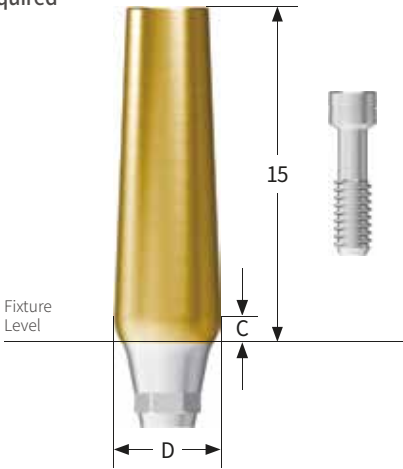
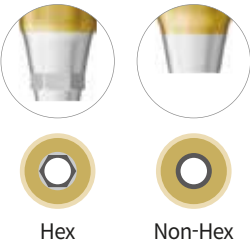
N R
Non-Hex

Fixture Size		Regular			
Diameter		Ø4.5	Ø5.5	Ø6.5	Ø7.5
Screw		SSC 2008SH	SSC 2008H	SSC 2008H	SSC 2008H
					
Length 4	Cuff 1	-	SSCA 45104N(II)[H]	SSCA 55104N(II)[H]	SSCA 65104N(II)[H]
	2	-	SSCA 45204N(II)[H]	SSCA 55204N(II)[H]	SSCA 65204N(II)[H]
	3	-	SSCA 45304N(II)[H]	SSCA 55304N(II)[H]	SSCA 65304N(II)[H]
	4	-	SSCA 45404N(II)[H]	SSCA 55404N(II)[H]	SSCA 65404N(II)[H]
	5	-	SSCA 45504N(II)[H]	SSCA 55504N(II)[H]	SSCA 65504N(II)[H]
Length 5.5	Cuff 1	UNSCA 40105N[H]	SSCA 45105N(II)[H]	SSCA 55105N(II)[H]	SSCA 65105N(II)[H]
	2	UNSCA 40205N[H]	SSCA 45205N(II)[H]	SSCA 55205N(II)[H]	SSCA 65205N(II)[H]
	3	UNSCA 40305N[H]	SSCA 45305N(II)[H]	SSCA 55305N(II)[H]	SSCA 65305N(II)[H]
	4	UNSCA 40405N[H]	SSCA 45405N(II)[H]	SSCA 55405N(II)[H]	SSCA 65405N(II)[H]
	5	UNSCA 40505N[H]	SSCA 45505N(II)[H]	SSCA 55505N(II)[H]	SSCA 65505N(II)[H]
	6	UNSCA 40605N[H]	-	-	-
	7	UNSCA 40705N[H]	-	-	-
Length 7	Cuff 1	UNSCA 40107N[H]	SSCA 45107N(II)[H]	SSCA 55107N(II)[H]	SSCA 65107N(II)[H]
	2	UNSCA 40207N[H]	SSCA 45207N(II)[H]	SSCA 55207N(II)[H]	SSCA 65207N(II)[H]
	3	UNSCA 40307N[H]	SSCA 45307N(II)[H]	SSCA 55307N(II)[H]	SSCA 65307N(II)[H]
	4	UNSCA 40407N[H]	SSCA 45407N(II)[H]	SSCA 55407N(II)[H]	SSCA 65407N(II)[H]
	5	UNSCA 40507N[H]	SSCA 45507N(II)[H]	SSCA 55507N(II)[H]	SSCA 65507N(II)[H]
	6	UNSCA 40607N[H]	-	-	-
	7	UNSCA 40707N[H]	-	-	-

Mill Abutment

Used when abutment path modification or prosthetic margin customization is required

- CRP / SCRP Type Abutment
- Use 1.2 Hex Driver
- Packing Unit : Abutment + Abutment Screw (SSC 2008H)
- Tightening Torque : 30~35Ncm



R
Hex

Unit mm

Fixture Size	Regular				
Diameter	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Ø7.5
Cuff	1.5	2	2.5	3	3
					
Length 15	SSMA 4015H[H]	SSMA 4520H[H]	SSMA 5525H[H]	SSMA 6530H[H]	SSMA 7530H[H]

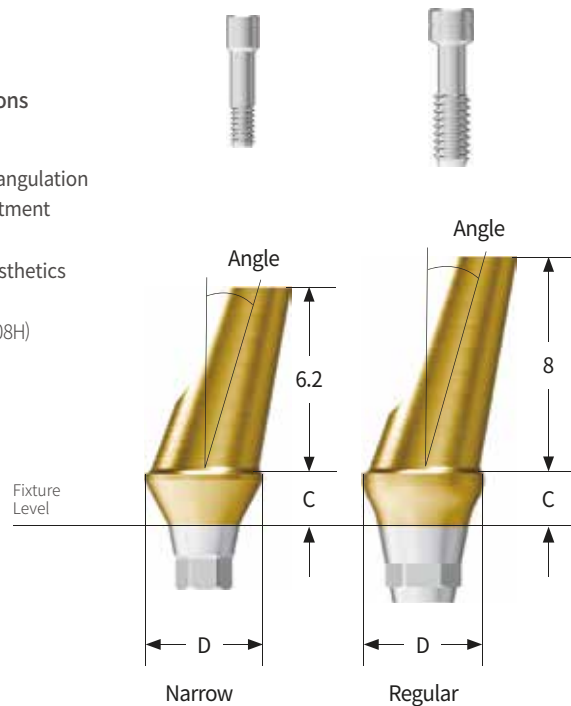
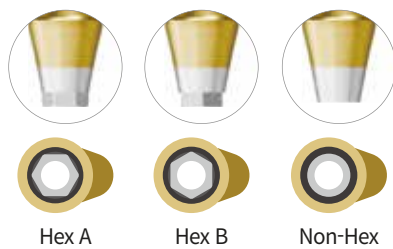
R
Non-Hex

Fixture Size	Regular				
Diameter	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Ø7.5
Cuff	1.5	2	2.5	3	3
					
Length 15	SSMA 4015N[H]	SSMA 4520N[H]	SSMA 5525N[H]	SSMA 6530N[H]	SSMA 7530N[H]

Angled Abutment

Used for fixture path correction / Primarily used in anterior regions

- Standard CRP Type Abutment
- Available in 15° and 25° angled configurations based on abutment angulation
- Hex section differentiated into A Type and B Type to overcome abutment directional limitations
- Gold coloring applied to the upper connection area for enhanced esthetics
- Use 1.2 Hex Driver
- Packing Unit : Abutment + Abutment Screw (N UNSAS 1407H / R SSC 2008H)
- Tightening Torque : N 20Ncm / R 30~35Ncm



Unit mm

N R

Hex A

Fixture Size	Narrow	Regular			
Length	6.2	8			
Diameter	Ø4.0	Ø4.5		Ø5.5	
Angle	15°	15°	25°	15°	25°
Cuff 1.5	-	SSAA 451515AH[H]	SSAA 451525AH[H]	SSAA 551515AH[H]	SSAA 551525AH[H]
2	UNSAA 402015AH[H]	SSAA 452015AH[H]	SSAA 452025AH[H]	SSAA 552015AH[H]	SSAA 552025AH[H]
3	-	SSAA 453015AH[H]	SSAA 453025AH[H]	SSAA 553015AH[H]	SSAA 553025AH[H]
4	UNSAA 404015AH[H]	SSAA 454015AH[H]	SSAA 454025AH[H]	SSAA 554015AH[H]	SSAA 554025AH[H]
5	-	SSAA 455015AH[H]	SSAA 455025AH[H]	SSAA 555015AH[H]	SSAA 555025AH[H]

N R

Hex B

Fixture Size	Narrow	Regular			
Length	6.2	8			
Diameter	Ø4.0	Ø4.5		Ø5.5	
Angle	15°	15°	25°	15°	25°
Cuff 1.5	-	SSAA 451515BH[H]	SSAA 451525BH[H]	SSAA 551515BH[H]	SSAA 551525BH[H]
2	UNSAA 402015BH[H]	SSAA 452015BH[H]	SSAA 452025BH[H]	SSAA 552015BH[H]	SSAA 552025BH[H]
3	-	SSAA 453015BH[H]	SSAA 453025BH[H]	SSAA 553015BH[H]	SSAA 553025BH[H]
4	UNSAA 404015BH[H]	SSAA 454015BH[H]	SSAA 454025BH[H]	SSAA 554015BH[H]	SSAA 554025BH[H]
5	-	SSAA 455015BH[H]	SSAA 455025BH[H]	SSAA 555015BH[H]	SSAA 555025BH[H]

N R

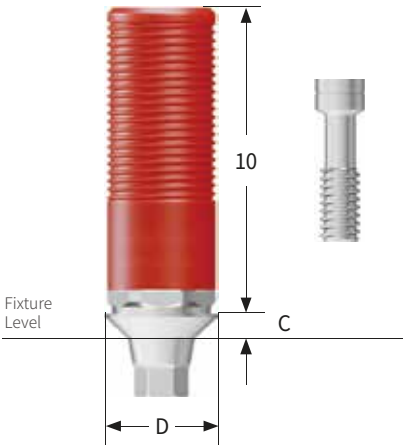
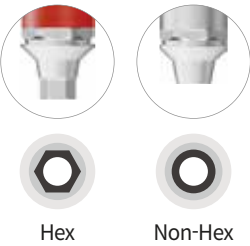
Fixture Size	Narrow	Regular			
Length	6.2	8			
Diameter	Ø4.0	Ø4.5		Ø5.5	
Angle	15°	15°	25°	15°	25°
Cuff 1.5	-	SSAA 451515N[H]	SSAA 451525N[H]	SSAA 551515N[H]	SSAA 551525N[H]
2	UNSAA 402015N[H]	SSAA 452015N[H]	SSAA 452025N[H]	SSAA 552015N[H]	SSAA 552025N[H]
3	-	SSAA 453015N[H]	SSAA 453025N[H]	SSAA 553015N[H]	SSAA 553025N[H]
4	UNSAA 404015N[H]	SSAA 454015N[H]	SSAA 454025N[H]	SSAA 554015N[H]	SSAA 554025N[H]
5	-	SSAA 455015N[H]	SSAA 455025N[H]	SSAA 555015N[H]	SSAA 555025N[H]

UCLA Abutment

UCLA CCM Abutment

Cast with dental alloy (non-precious metal) after customization to fabricate SRP Type prosthetics

- Hex / Non-Hex Type
- Use 1.2 Hex Driver
- Packing Unit : Abutment + Abutment Screw (N UNSAS 1407H / R SSC 2008H)
- Tightening Torque : N 20Ncm / R 30~35Ncm



Unit mm

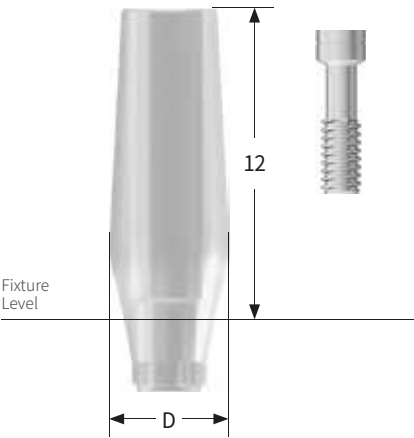
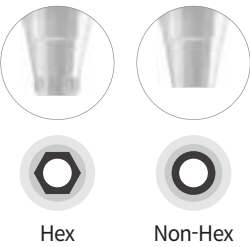
		N		R			
Fixture Size		Narrow		Regular			
Diameter		Ø4.0		Ø4.0		Ø4.5	
Type		Hex	Non-Hex	Hex	Non-Hex	Hex	Non-Hex
							
Length	Cuff 1	UNSCCA 4010H	UNSCCA 4010N	CCSS 4010H[H]	CCSS 4010N[H]	CCSS 4510H[H]	CCSS 4510N[H]
	10	3 UNSCCA 4030H	UNSCCA 4030N	-	-	CCSS 4530H[H]	CCSS 4530N[H]

UCLA Abutment

UCLA Plastic Abutment

Cast with dental alloy (non-precious metal) after customization to fabricate SRP Type prosthetics

- Hex / Non-Hex Type
 - Use 1.2 Hex Driver
 - Packing Unit : Abutment + Abutment Screw (SSC 2008H)
 - Tightening Torque: Gently tighten before casting, 30~35Ncm after casting
- ※ Not a medical device



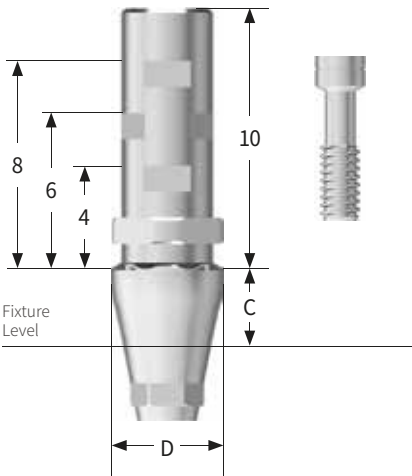
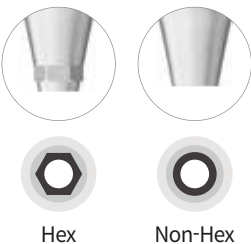
R

Unit mm				
Fixture Size				
Regular				
Diameter		Ø4.5	Ø5.5	
Type	Hex	Non-Hex	Hex	Non-Hex
Length 12	SSPA 4512H[H]	SSPA 4512N[H]	SSPA 5512H[H]	SSPA 5512N[H]

Temporary Abutment

Used for temporary prosthetic fabrication

- Hex / Non-Hex Type
- Use 1.2 Hex Driver
- Packing Unit : Abutment + Abutment Screw
- Tightening Torque : **N** 20Ncm / **R** 30~35Ncm



N

R

Fixture Size		Narrow		Regular	
Diameter		Ø4.0		Ø4.5	
Type		Hex	Non-Hex	Hex	Non-Hex
					
Length	Cuff 1	UNSTA 4010H[H]	UNSTA 4010N[H]	SSTA 4510H[H]	SSTA 4510N[H]
	10	UNSTA 4030H[H]	UNSTA 4030N[H]	SSTA 4530H[H]	SSTA 4530N[H]
Screw		UNSAS 1407H		SSC 2008H	

2-Channel Abutment

2-Channel Abutment enables esthetic prosthetic restoration with SCRP Type by creating screw holes at desired locations regardless of implant placement direction.

- Anti-rotational cross-section design to prevent prosthetic rotation
- Abutment with flexible angle compensation within 0°~25° range
- Gold coloring applied to the upper connection area for enhanced esthetics
- Tightening Torque : 30~35Ncm
- Use Angled Torque Driver (ATD 1700)
- Packing Unit : Abutment + 2-Channel Abutment Screw (2HSC 2007T)

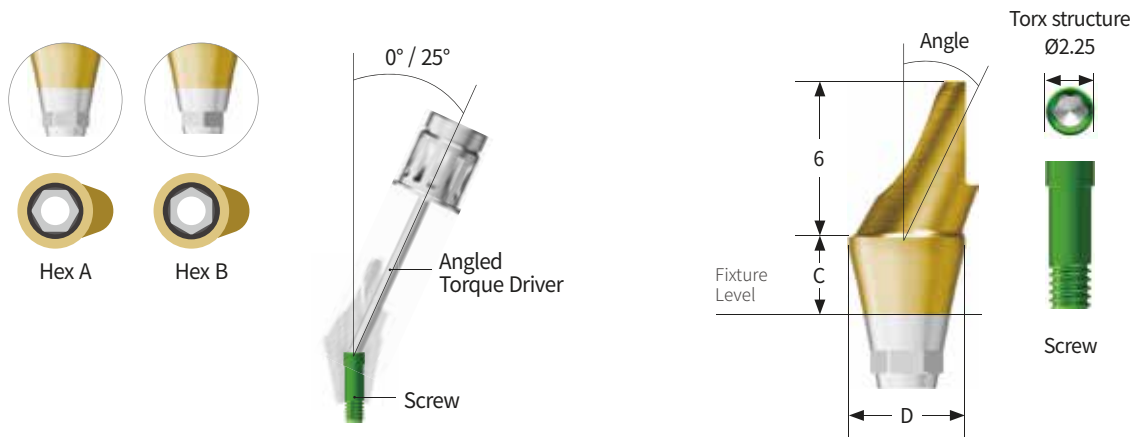


2-Channel
Angled Abutment
Introduction Video



2-Channel Angled Abutment

Available in Hex / Non-Hex types based on fixture connection method



Unit mm

R
D Ø4.5

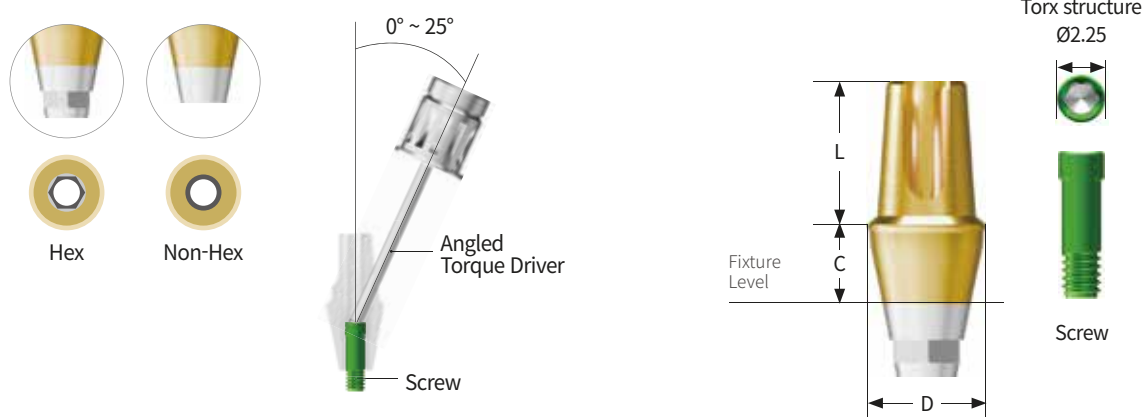
Fixture Size		Regular			
Angle		15°	25°	15°	25°
Type		Hex A		Hex B	
Length 6	Cuff 1.5	2HAA 451515AH	2HAA 451525AH	2HAA 451515BH	2HAA 451525BH
	2	2HAA 452015AH	2HAA 452025AH	2HAA 452015BH	2HAA 452025BH
	3	2HAA 453015AH	2HAA 453025AH	2HAA 453015BH	2HAA 453025BH
	4	2HAA 454015AH	2HAA 454025AH	2HAA 454015BH	2HAA 454025BH
	5	2HAA 455015AH	2HAA 455025AH	2HAA 455015BH	2HAA 455025BH

R**D Ø5.5**

Fixture Size		Regular			
Angle		15°	25°	15°	25°
Type		Hex A		Hex B	
					
Length 6	Cuff 1.5	2HAA 551515AH	2HAA 551525AH	2HAA 551515BH	2HAA 551525BH
	2	2HAA 552015AH	2HAA 552025AH	2HAA 552015BH	2HAA 552025BH
	3	2HAA 553015AH	2HAA 553025AH	2HAA 553015BH	2HAA 553025BH
	4	2HAA 554015AH	2HAA 554025AH	2HAA 554015BH	2HAA 554025BH
	5	2HAA 555015AH	2HAA 555025AH	2HAA 555015BH	2HAA 555025BH

2-Channel Cemented Abutment

Available in Hex / Non-Hex types based on fixture connection method



Unit mm

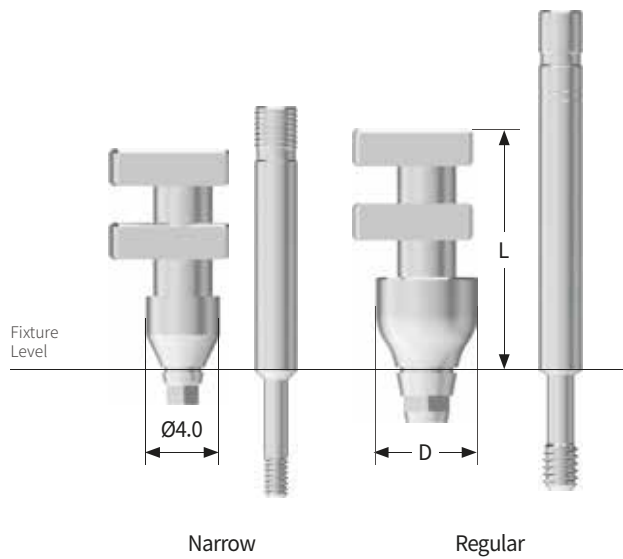
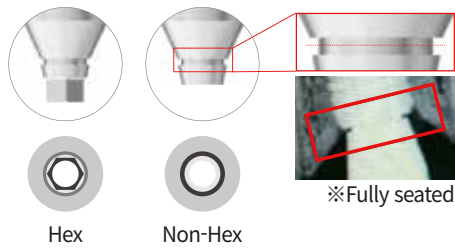
R

Fixture Size		Regular							
Diameter		Ø4.5		Ø5.5		Ø6.5		Ø7.5	
Type		Hex	Non Hex	Hex	Non-Hex	Hex	Non-Hex	Hex	Non-Hex
									
Length 4	Cuff 1	2HCA 45104H	2HCA 45104N	2HCA 55104H	2HCA 55104N	2HCA 65104H	2HCA 65104N	2HCA 75104H	2HCA 75104N
	2	2HCA 45204H	2HCA 45204N	2HCA 55204H	2HCA 55204N	2HCA 65204H	2HCA 65204N	2HCA 75204H	2HCA 75204N
	3	2HCA 45304H	2HCA 45304N	2HCA 55304H	2HCA 55304N	2HCA 65304H	2HCA 65304N	2HCA 75304H	2HCA 75304N
	4	2HCA 45404H	2HCA 45404N	2HCA 55404H	2HCA 55404N	2HCA 65404H	2HCA 65404N	2HCA 75404H	2HCA 75404N
Length 5.5	Cuff 1	2HCA 45105H	2HCA 45105N	2HCA 55105H	2HCA 55105N	2HCA 65105H	2HCA 65105N	2HCA 75105H	2HCA 75105N
	2	2HCA 45205H	2HCA 45205N	2HCA 55205H	2HCA 55205N	2HCA 65205H	2HCA 65205N	2HCA 75205H	2HCA 75205N
	3	2HCA 45305H	2HCA 45305N	2HCA 55305H	2HCA 55305N	2HCA 65305H	2HCA 65305N	2HCA 75305H	2HCA 75305N
	4	2HCA 45405H	2HCA 45405N	2HCA 55405H	2HCA 55405N	2HCA 65405H	2HCA 65405N	2HCA 75405H	2HCA 75405N
Length 7	Cuff 1	2HCA 45107H	2HCA 45107N	2HCA 55107H	2HCA 55107N	2HCA 65107H	2HCA 65107N	2HCA 75107H	2HCA 75107N
	2	2HCA 45207H	2HCA 45207N	2HCA 55207H	2HCA 55207N	2HCA 65207H	2HCA 65207N	2HCA 75207H	2HCA 75207N
	3	2HCA 45307H	2HCA 45307N	2HCA 55307H	2HCA 55307N	2HCA 65307H	2HCA 65307N	2HCA 75307H	2HCA 75307N
	4	2HCA 45407H	2HCA 45407N	2HCA 55407H	2HCA 55407N	2HCA 65407H	2HCA 65407N	2HCA 75407H	2HCA 75407N

Pick-up Impression Coping

Pick-up type for impression taking using open tray

- Use 1.2 Hex Driver
- Packing Unit : Pick-up Impression Coping + Guide Pin



Unit mm

N R

Hex

Fixture Size	Narrow		Regular				
Diameter	Ø4.0	Guide Pin	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Guide Pin
Length 9	-	-	SSPI 4009H	SSPI 4509H	SSPI 5509H	SSPI 6509H	SSG 2021
12	UNSPI 4012H	UNSSG 1422	-	-	-	-	-
13	-	-	SSPI 4013H	SSPI 4513H	SSPI 5513H	SSPI 6513H	SSG 2026
14	UNSPI 4014H	UNSSG 1422	-	-	-	-	-
16	UNSPI 4016H	UNSSG 1425	-	-	-	-	-
17	-	-	SSPI 4017H	SSPI 4517H	SSPI 5517H	SSPI 6517H	SSG 2329
19	-	-	SSPI 4019H	SSPI 4519H	SSPI 5519H	SSPI 6519H	SSG 2329

N R

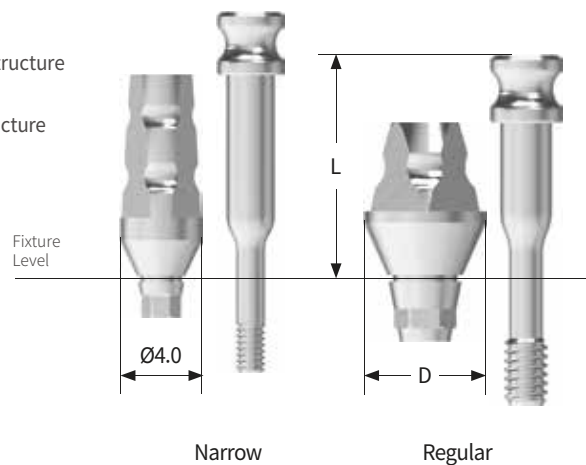
Non-Hex

Fixture Size	Narrow		Regular				
Diameter	Ø4.0	Guide Pin	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Guide Pin
Length 9	-	-	SSPI 4009N	SSPI 4509N	SSPI 5509N	SSPI 6509N	SSG 2021
12	UNSPI 4012N	UNSSG 1422	-	-	-	-	-
13	-	-	SSPI 4013N	SSPI 4513N	SSPI 5513N	SSPI 6513N	SSG 2026
14	UNSPI 4014N	UNSSG 1422	-	-	-	-	-
16	UNSPI 4016N	UNSSG 1425	-	-	-	-	-
17	-	-	SSPI 4017N	SSPI 4517N	SSPI 5517N	SSPI 6517N	SSG 2329
19	-	-	SSPI 4019N	SSPI 4519N	SSPI 5519N	SSPI 6519N	SSG 2329

Transfer Impression Coping

Transfer type for impression taking using closed tray

- Enhanced recognition after impression with triple cross-section structure
- Use 1.2 Hex Driver
- Hex features two-piece structure, non-hex features one-piece structure
- Packing Unit : Transfer Impression Coping + Coping Screw (Hex)
Transfer Impression Coping (Non-Hex)



Unit mm

N R

Hex

Fixture Size	Narrow		Regular					
Diameter	Ø4.0	Screw	Ø4.0	Ø4.5	Ø5.5	Screw	Ø6.5	Screw
Length 10	-	-	SSTI 4010H	SSTI 4510H	SSTI 5510H	SSTI 4015S	SSTI 6510H	SSTI 6515S
13	UNSTI 4013H	UNSTI 4013S	-	-	-	-	-	-
15	UNSTI 4015H	UNSTI 4015S	SSTI 4015H	SSTI 4515H	SSTI 5515H	SSTI 4020S	SSTI 6515H	SSTI 6520S
17	UNSTI 4017H	UNSTI 4017S	-	-	-	-	-	-

N R

Non-Hex

Fixture Size	Narrow	Regular			
Diameter	Ø4.0	Ø4.0	Ø4.5	Ø5.5	Ø6.5
Length 10	-	SSTI 4010N	SSTI 4510N	SSTI 5510N	SSTI 6510N
13	UNSTI 4013N	-	-	-	-
15	UNSTI 4015N	SSTI 4015N	SSTI 4515N	SSTI 5515N	SSTI 6515N
17	UNSTI 4017N	-	-	-	-

Fixture Analog

Replicates oral fixture on working model
※ Not a medical device



N R

Fixture Size	Narrow	Regular
Diameter	Ø3.0	Ø4.0
		
Length 12	UNSFA 3012	SSFA 4012

Unit mm

D:O IMPLANT

Digital Components

H-Scanbody / Jig

- Packing Unit : H-Scanbody + Scan Screw
- Tightening Torque : 5~8Ncm
- Jig sold separately



JIG

N
D Ø4.0

Unit mm

Fixture Size						Jig
Length	4	6	8	10	12	
						-
 Top view						
	UNHSB 404H	UNHSB 406H	UNHSB 408H	UNHSB 410H	UNHSB 412H	JIG 401
Screw	UNSCAN 1408H	UNSCAN 1410H	UNSCAN 1412H	UNSCAN 1414H	UNSCAN 1416H	

Unit mm

R
D Ø5.0

Fixture Size				Regular	
Length	4	6	8		Jig
					
Top view					
Screw	HSCAN 541H SSCAN 2009H	HSCAN 561H SSCAN 2011H	HSCAN 581H SSCAN 2013H		JIG 501

R
D Ø6.0

Top view					
Screw	HSCAN 641H SSCAN 2009H	HSCAN 661H SSCAN 2011H	HSCAN 681H SSCAN 2013H		JIG 601

R
D Ø6.0

Top view					
Screw	HSCAN 642H SSCAN 2009H	HSCAN 662H SSCAN 2011H	HSCAN 682H SSCAN 2013H		JIG 602

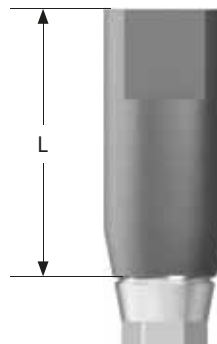
R
D Ø7.0

Top view					
Screw	HSCAN 741H SSCAN 2009H	HSCAN 761H SSCAN 2011H	HSCAN 781H SSCAN 2013H		JIG 701

Scan Adapter

Connected to intraoral fixtures or lab analogs on stone models for scanning with intraoral scanners or desktop scanners to fabricate customized abutments

- Packing Unit : Scan Adapter + Screw
- Tightening Torque : 5~8Ncm



Unit mm

N

Fixture Size Narrow			Screw
Length	9	15	
			
	SCAN 41	SCAN 41-15	UNSAS 1407H

R

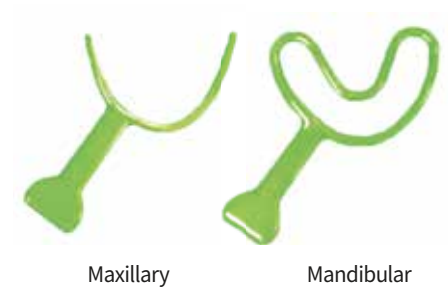
Fixture Size Regular			Screw
Length	9	15	
			
	SCAN 01[H]	SCAN 01-15[H]	SSC 2008H

Scan Retractor

Improve accuracy of edentulous oral scanning while removing interfering factors to reduce scanning time

- Clear recognition of maxillary palatal area
- Control tongue/cheek movement (mandible)
- Serve as reference point for oral scanning
- Packing Unit : Each maxillary 1 set (5 pieces) / mandibular 1 set (5 pieces)

Type	Upper	Lower
	SCANR 01S	SCANR 02S



Wax Denture

Thermoplastic material product enabling easy manipulation for patient gingival and occlusal registration

- Used for edentulous patients
- Easy custom fabrication
- Scannable with intraoral scanner
- Packing Unit : Each maxillary 1 piece / mandibular 1 piece

Type	Upper	Lower
Small	WDU 01	WDL 01
Medium	WDU 02	WDL 02
Large	WDU 03	WDL 03



Marker

Used when reference teeth for registration are absent

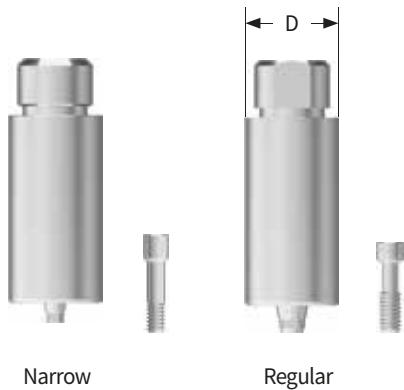
- : Used for CT imaging for digital implant surgery
- Packing Unit : 1Set (30ea)

Code	SGM 5040
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Pre-Milled Bar

- Packing Unit : **N** Pre-Milled Bar + Screw (UNSAS 1407H) (2ea)
 R Pre-Milled Bar + Screw (SSC 2008H) (2ea)
- Tightening Torque : **N** 20Ncm / **R** 30~35Ncm



Unit mm

N	Fixture Size				Narrow	
	Type		Hex		Non-Hex	
	Diameter		Ø10	Ø12	Ø10	Ø12
			CBUN 01	CBUN 02	CBUN 01N	CBUN 02N

R	Fixture Size				Regular	
	Type		Hex		Non-Hex	
	Diameter		Ø10	Ø12	Ø10	Ø12
			CBSS 01[H]	CBSS 02[H]	CBSS 01N[H]	CBSS 02N[H]

Digital Fixture Analog

Used to replicate abutments on 3D printed models



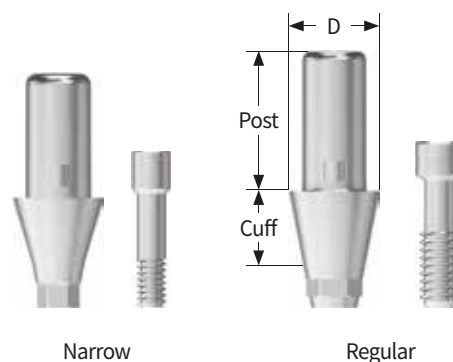
Unit mm

N R	Fixture Size		Narrow		Regular	
	Diameter		Ø3.0		Ø4.5	Ø4.8
	Hex		1.7		2.5	-
	Length		9		11	-
						
			DAU 3009		DAU 4509	DAU 4812

Hybrid Link

Titanium extends to implant platform contact area, with zirconia post fabricated and bonded for easy anterior prosthetic fabrication

- Packing Unit : **N** Hybrid Link + Screw (UNSA5 1407H)
R Hybrid Link + Screw (SSC 2008H)
- Tightening Torque : **N** 20Ncm / **R** 30~35Ncm



Unit mm

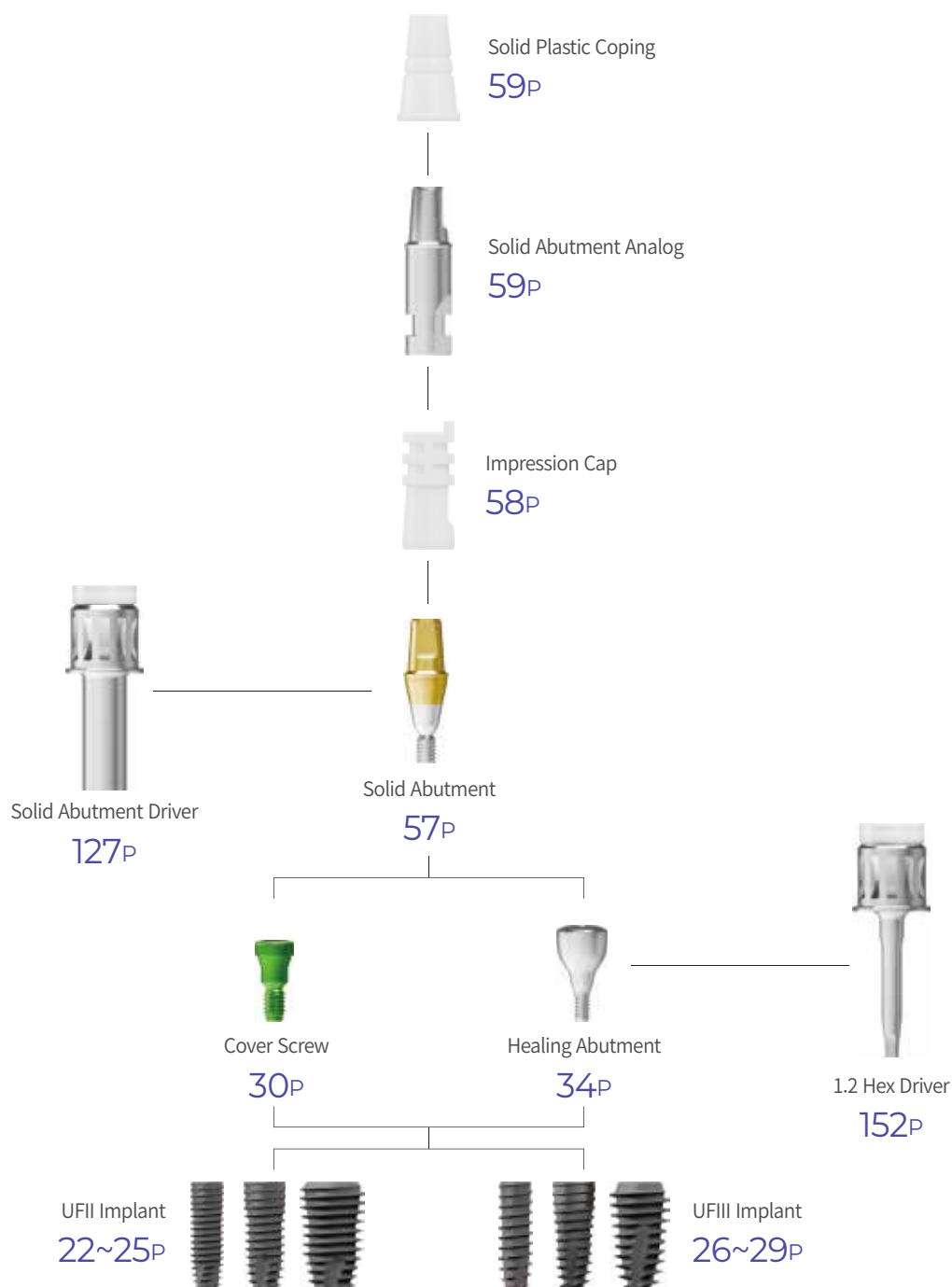
N

Fixture Size			Narrow
Diameter			Ø4.0
Type			Hex
Post 4	Cuff 1		UNHL 40401H
	Cuff 2		UNHL 40402H
	Cuff 3		UNHL 40403H
Post 5.5	Cuff 1		UNHL 40551H
	Cuff 2		UNHL 40552H
	Cuff 3		UNHL 40553H

R

Fixture Size			Regular			
Diameter			Ø4.5		Ø5.5	
Type			Hex	Non-Hex	Hex	Non-Hex
Post 4	Cuff 1		UFHL 45401H[H]	UFHL 45401N[H]	UFHL 55401H[H]	UFHL 55401N[H]
	Cuff 2		UFHL 45402H[H]	UFHL 45402N[H]	UFHL 55402H[H]	UFHL 55402N[H]
	Cuff 3		UFHL 45403H[H]	UFHL 45403N[H]	UFHL 55403H[H]	UFHL 55403N[H]
Post 5.5	Cuff 1		UFHL 45501H[H]	UFHL 45501N[H]	UFHL 55501H[H]	UFHL 55501N[H]
	Cuff 2		UFHL 45502H[H]	UFHL 45502N[H]	UFHL 55502H[H]	UFHL 55502N[H]
	Cuff 3		UFHL 45503H[H]	UFHL 45503N[H]	UFHL 55503H[H]	UFHL 55503N[H]
Post 7	Cuff 1		UFHL 45701H[H]	UFHL 45701N[H]	UFHL 55701H[H]	UFHL 55701N[H]
	Cuff 2		UFHL 45702H[H]	UFHL 45702N[H]	UFHL 55702H[H]	UFHL 55702N[H]
	Cuff 3		UFHL 45703H[H]	UFHL 45703N[H]	UFHL 55703H[H]	UFHL 55703N[H]

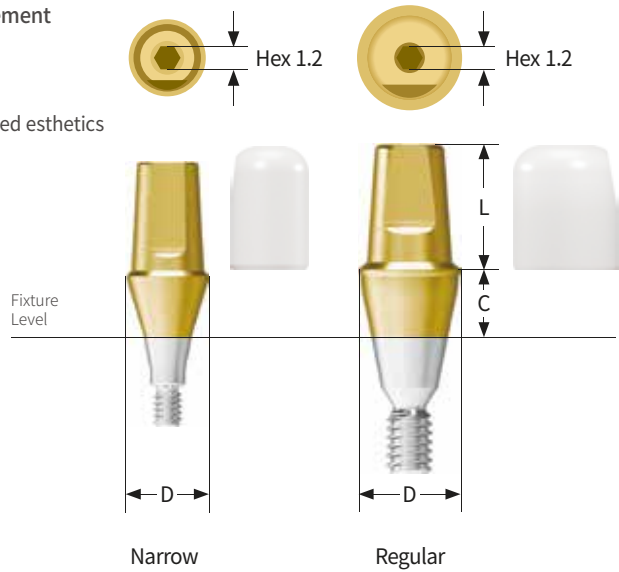
Solid Abutment Prosthetic Flow Chart



Solid Abutment

CRP type abutment that secures prosthetics using dental cement

- Integrated abutment and screw structure
- Impression taking at abutment level
- Gold coloring applied to the upper connection area for enhanced esthetics
- Use 1.2 Hex Driver / Solid Abutment Driver
- Packing Unit : Abutment + Protect Cap
- Tightening Torque : **N** 20Ncm / **R** 30~35Ncm



N **R**

Unit mm

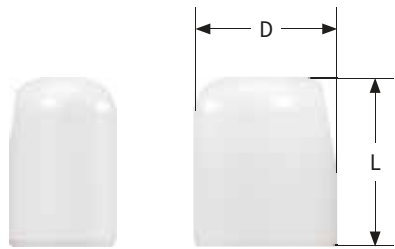
Fixture Size		Regular				
Diameter		Ø4.0	Ø4.5	Ø5.5	Ø6.5	Ø7.5
Length 4	Cuff 1	-	SSSA 45104	SSSA 55104	SSSA 65104	SSSA 75104
	2	-	SSSA 45204	SSSA 55204	SSSA 65204	SSSA 75204
	3	-	SSSA 45304	SSSA 55304	SSSA 65304	SSSA 75304
	4	-	SSSA 45404	SSSA 55404	SSSA 65404	SSSA 75404
	5	-	SSSA 45504	SSSA 55504	SSSA 65504	SSSA 75504
Length 5.5	Cuff 1	UNSSA 40105	SSSA 45105	SSSA 55105	SSSA 65105	SSSA 75105
	2	UNSSA 40205	SSSA 45205	SSSA 55205	SSSA 65205	SSSA 75205
	3	UNSSA 40305	SSSA 45305	SSSA 55305	SSSA 65305	SSSA 75305
	4	UNSSA 40405	SSSA 45405	SSSA 55405	SSSA 65405	SSSA 75405
	5	UNSSA 40505	SSSA 45505	SSSA 55505	SSSA 65505	SSSA 75505
	6	UNSSA 40605	-	-	-	-
	7	UNSSA 40705	-	-	-	-
Length 7	Cuff 1	UNSSA 40107	SSSA 45107	SSSA 55107	SSSA 65107	SSSA 75107
	2	UNSSA 40207	SSSA 45207	SSSA 55207	SSSA 65207	SSSA 75207
	3	UNSSA 40307	SSSA 45307	SSSA 55307	SSSA 65307	SSSA 75307
	4	UNSSA 40407	SSSA 45407	SSSA 55407	SSSA 65407	SSSA 75407
	5	UNSSA 40507	SSSA 45507	SSSA 55507	SSSA 65507	SSSA 75507
	6	UNSSA 40607	-	-	-	-
	7	UNSSA 40707	-	-	-	-

Solid Abutment Components

Solid Protect Cap

Used to protect abutments intraorally and minimize patient discomfort

- Applicable as substructure for temporary prosthetics
- Convenient locking



Narrow Regular

Unit mm

N R		Fixture Size	Narrow	Regular			
		Diameter	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Ø7.5
		Length 4	-	SSAC 4504	SSAC 5504	SSAC 6504	SSAC 7504
		5.5	UNSAC 4005	SSAC 4505	SSAC 5505	SSAC 6505	SSAC 7505
		7	UNSAC 4007	SSAC 4507	SSAC 5507	SSAC 6507	SSAC 7507

Solid Impression Cap

Used for impression taking of solid abutments

- Color coding for easy identification according to abutment diameter
- Convenient locking



Unit mm

N R		Fixture Size	Narrow	Regular			
		Diameter	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Ø7.5
							
		Length 11	UNSAI 4011	SSAI 4511	SSAI 5511	SSAI 6511	SSAI 7511

Solid Abutment Analog

- Replicates solid abutment shape on working model
 - Color coding for easy identification according to abutment diameter
- ※ Not a medical device



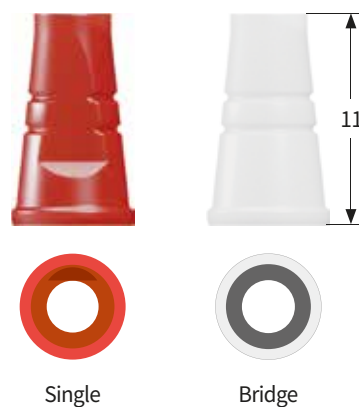
Unit mm

N R		Fixture Size	Narrow	Regular				
		Diameter	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Ø7.5	
								
Length 4		-		SSAA 4504	SSAA 5504	SSAA 6504	SSAA 7504	
5.5		UNSSAA 4005		SSAA 4505	SSAA 5505	SSAA 6505	SSAA 7505	
7		UNSSAA 4007		SSAA 4507	SSAA 5507	SSAA 6507	SSAA 7507	

Solid Plastic Coping

Attached to solid abutment analog for use as prosthetic framework

- Color coding for easy identification according to case
- ※ Not a medical device

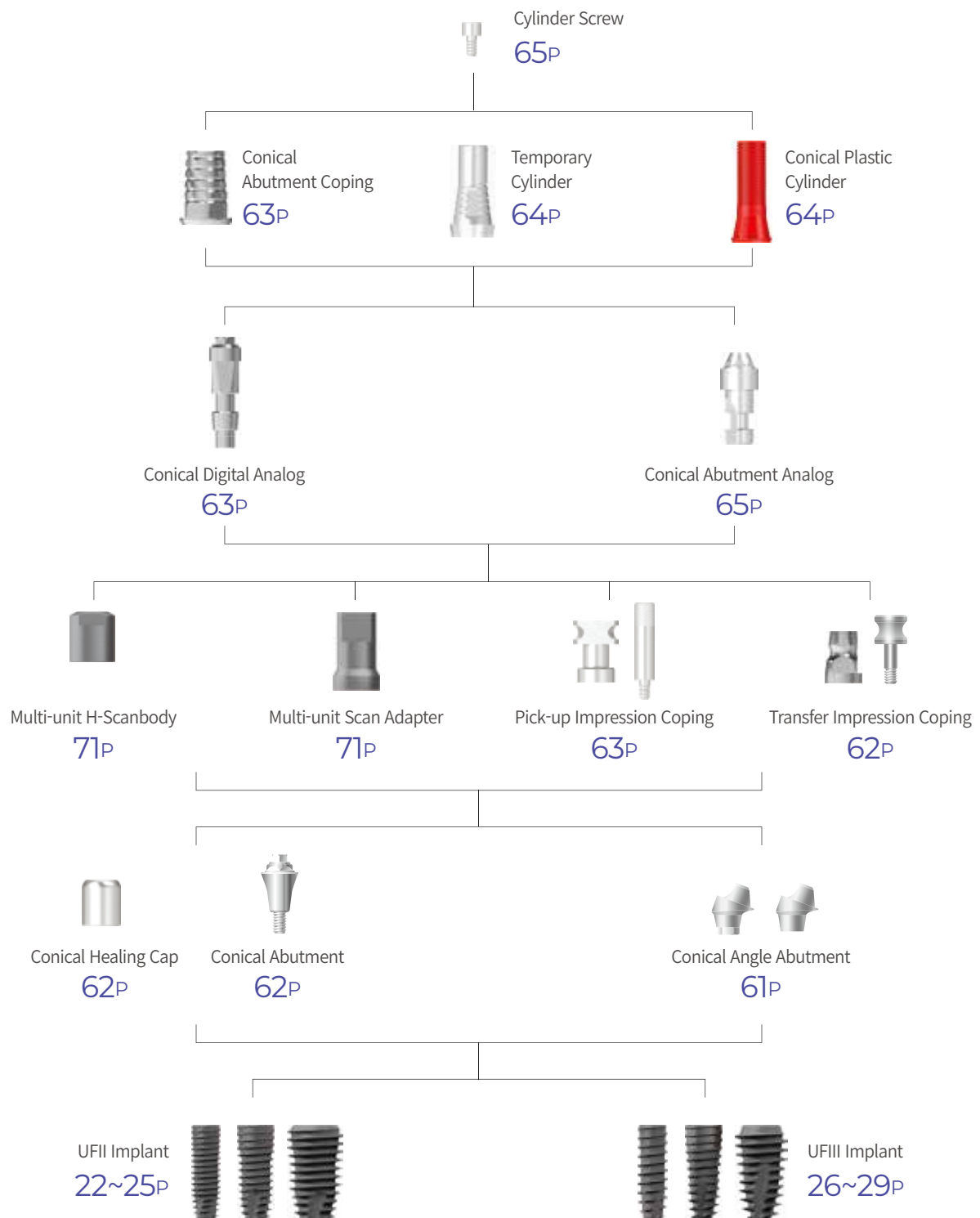


Unit mm

N R		Fixture Size	Narrow	Regular				
		Diameter	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Ø7.5	
Length 11	Single ●	UNSAF 4010S		SSAP 4510S	SSAP 5510S	SSAP 6510S	SSAP 7510S	
	Bridge ○	UNSAF 4010B		SSAP 4510B	SSAP 5510B	SSAP 6510B	SSAP 7510B	

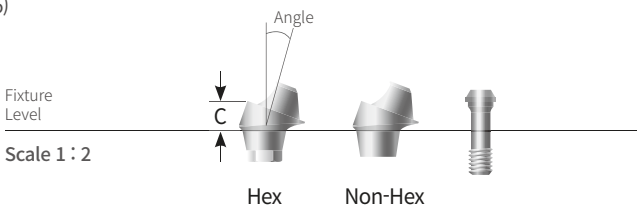
Cement / Screw - Retained Restorations

Multiunit Abutment



Conical Angle Abutment Components

- Packing Unit : Abutment + Screw (MAS2006S) + Holder (MAH1425)
- Tightening Torque : **N** 20Ncm / **R** **W** 30Ncm



N R W

Hex

Unit mm

Fixture Size	Narrow	Regular • Wide	
Diameter	Ø4.8	Ø4.8	
Angle	20°	20°	30°
Cuff 3	UNSMUA 483020H	UMA 483020H	UMA 483030H
4	UNSMUA 484020H	UMA 484020H	UMA 484030H
5	UNSMUA 485020H	UMA 485020H	UMA 485030H

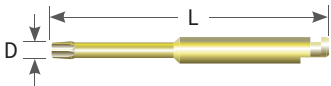
N R W

Non-Hex

Unit mm

Fixture Size	Narrow	Regular • Wide	
Diameter	Ø4.8	Ø4.8	
Angle	20°	20°	30°
Cuff 3	UNSMUA 483020N	UMA 483020N	UMA 483030N
4	UNSMUA 484020N	UMA 484020N	UMA 484030N
5	UNSMUA 485020N	UMA 485020N	UMA 485030N

Conical Angle Abutment Screw Driver



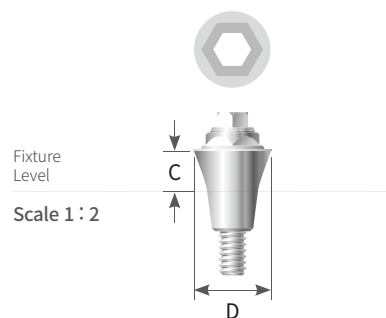
N R W

Fixture Size	Narrow • Regular • Wide
Diameter	Ø1.4
Length 25	MSD 1425

Conical Abutment Components

Conical Abutment

- Maintains screw and prosthetic aesthetics.
- For fabrication of prosthetic on cylinder after abutment has been placed.
- Up to 48° path angle
- Uses Ø2.0 Conical Abutment Driver (HD 2012A)
- Tightening Torque : **N** 30Ncm



Unit mm

N R W

Fixture Size		Narrow		Regular • Wide	
Diameter		Ø3.5	Ø4.8	Ø3.5	Ø4.8
Cuff 1	UCAN 3501	UNSKA 4801		UCA 3501	UCA 4801
	2	UCAN 3502	UNSKA 4802	UCA 3502	UCA 4802
	3	UCAN 3503	UNSKA 4803	UCA 3503	UCA 4803
	4	UCAN 3504	-	UCA 3504	UCA 4804
	5	UCAN 3505	-	UCA 3505	UCA 4805
	6	UCAN 3506	-	UCA 3506	UCA 4806
	7	UCAN 3507	-	UCA 3507	UCA 4807

Conical Transfer Impression Coping

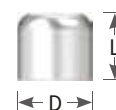
- Packing Unit : Conical Transfer Impression Coping + Conical Transfer Impression Coping Screw


N R

Fixture Size		Narrow • Regular	
Diameter		Ø3.5	Ø4.8
Code		ICC 3505	ICC 4805
Screw		ICCS 1408	ICCS 1407

Conical Healing Cap

- Protects the Conical Abutment and promotes patient healing.
- Uses 1.2 Hex Driver
- Tightening Torque : **N R** 5~8Ncm

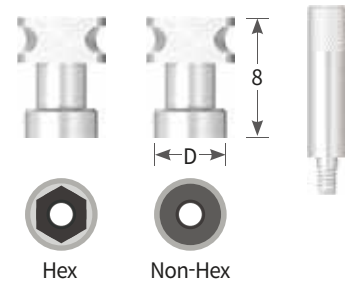

N R

Fixture Size		Narrow • Regular	
Diameter		Ø3.5	Ø4.8
Length 4.5		HCN 35504	HCN 40504

Conical Abutment Components

Conical Pick-up Impression Coping

- Create final impression of Conical Abutment on Impression Coping.
- For use with pick-up type closed trays.
- Packing Unit : Pick-up Impression Coping + Conical Guide Pin



N R

Fixture Size Narrow • Regular				
Type	Hex		Non-Hex	
Diameter	Ø3.5	Ø4.8	Ø3.5	Ø4.8
Length 8	IPN 35508	IPN 40508	IPN 35508N	IPN 40508N
Guide Pin	PCN 35310	PCN 40310	PCN 35310N	PCN 40310S

Conical Digital Analog

Replicates Conical Abutment/Multiunit Abutment for fabrication of prosthetics on the working model.



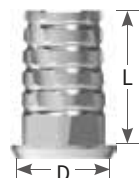
Unit mm

R

Fixture Size Regular		
Diameter	Ø3.5	Ø4.8
Length 12.2	CDA 3512	-
14.1	-	CDA 4814

Conical Abutment Coping

- For fabricating temporary & final prosthetics on top of Conical Abutments.
- Simple customization & Minimizes restriction
- Uses 1.2 Hex Driver
- Packing Unit : Conical Abutment Coping + Conical Cylinder Screw(SHN 1403S)
- Tightening Torque : **N R** 20Ncm



Unit mm

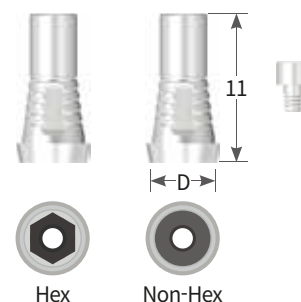
N R

Fixture Size Narrow • Regular				
Type	Hex		Non-Hex	
Diameter	Ø3.5	Ø4.8	Ø3.5	Ø4.8
Length 5.5	CAC 3505H	CAC 4805H	CAC 3505N	CAC 4805N
7.0	CAC 3507H	CAC 4807H	CAC 3507N	CAC 4807N

Conical Abutment Components

Conical Temporary Cylinder

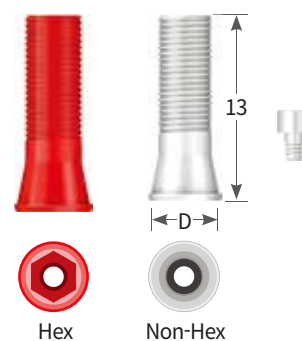
- For fabricating temporary prosthetics on top of Conical Abutments.
- Simple customization & Minimizes restriction
- Uses 1.2 Hex Driver
- Packing Unit : Conical Temporary Cylinder + Conical Cylinder Screw(SHN 1403S)
- Tightening Torque : **N R W** 20Ncm


N R

Fixture Size		Narrow • Regular		
Type	Hex	Non-Hex	Hex	Non-Hex
Diameter	Ø3.5	Ø3.5	Ø4.8	Ø4.8
Length 10	CTC 3510N	CTC 3510H	-	-
11	-	-	TCN 40511	TCN 40511N

Conical Plastic Cylinder

- Cast in premium gold alloy after customization.
- Uses 1.2 Hex Driver
- Packing Unit : Conical Plastic Cylinder + Conical Cylinder Screw(SHN 1403S)
- Tightening Torque : **N R** 20Ncm

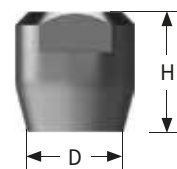

N R

Fixture Size		Narrow • Regular		
Type	Hex	Non-Hex	Hex	Non-Hex
Diameter	Ø3.5	Ø3.5	Ø4.8	Ø4.8
Length 10	CPC 3510N	CPC 3510H	-	-
13	-	-	APN 40514S	APN 40514SN

Conical H-Scan body

Healing and abutment level digital impression taking function

- Dedicated to multi-unit abutment
- Use 1.2 Hex Driver
- Packing Unit : Conical H-Scan body + Conical H-Scan body Screw(CHSBS 04)
- Tightening Torque : 5~8Ncm



Unit mm

N R

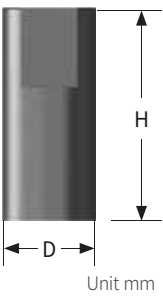
Fixture Size		Narrow • Regular	
Type	Hex	-	
Diameter	Ø3.5	Ø4.8	
Length 4.5	HSCAN 3504H	-	
Length 5.5	-	CHSB 4805	

Conical Abutment Components

Conical Scan Adapter

Used for digital impression taking at abutment level

- Use 1.2 Hex Driver
- Packing Unit : Conical Scan Adapter + Conical Scan Adapter Screw
- Tightening Torque : 5~8Ncm



N R

Fixture Size			Narrow • Regular
Type	Hex	-	
Diameter	Ø3.5	Ø4.8	
Length 8	SCAN 3508	CSCAN 4808	
Screw	CSC 1408H	CSCANS 07	

Conical Abutment Analog

Replicates Conical Abutment/Multiunit Abutment for fabrication of prosthetics on the working model.



N R

Fixture Size			Narrow • Regular
Diameter	Ø4.8		
Length 12	RCN 40412		

Cylinder Screw



0.5 Slot

N R

Fixture Size			Narrow • Regular
Length 3	SSN 1403		

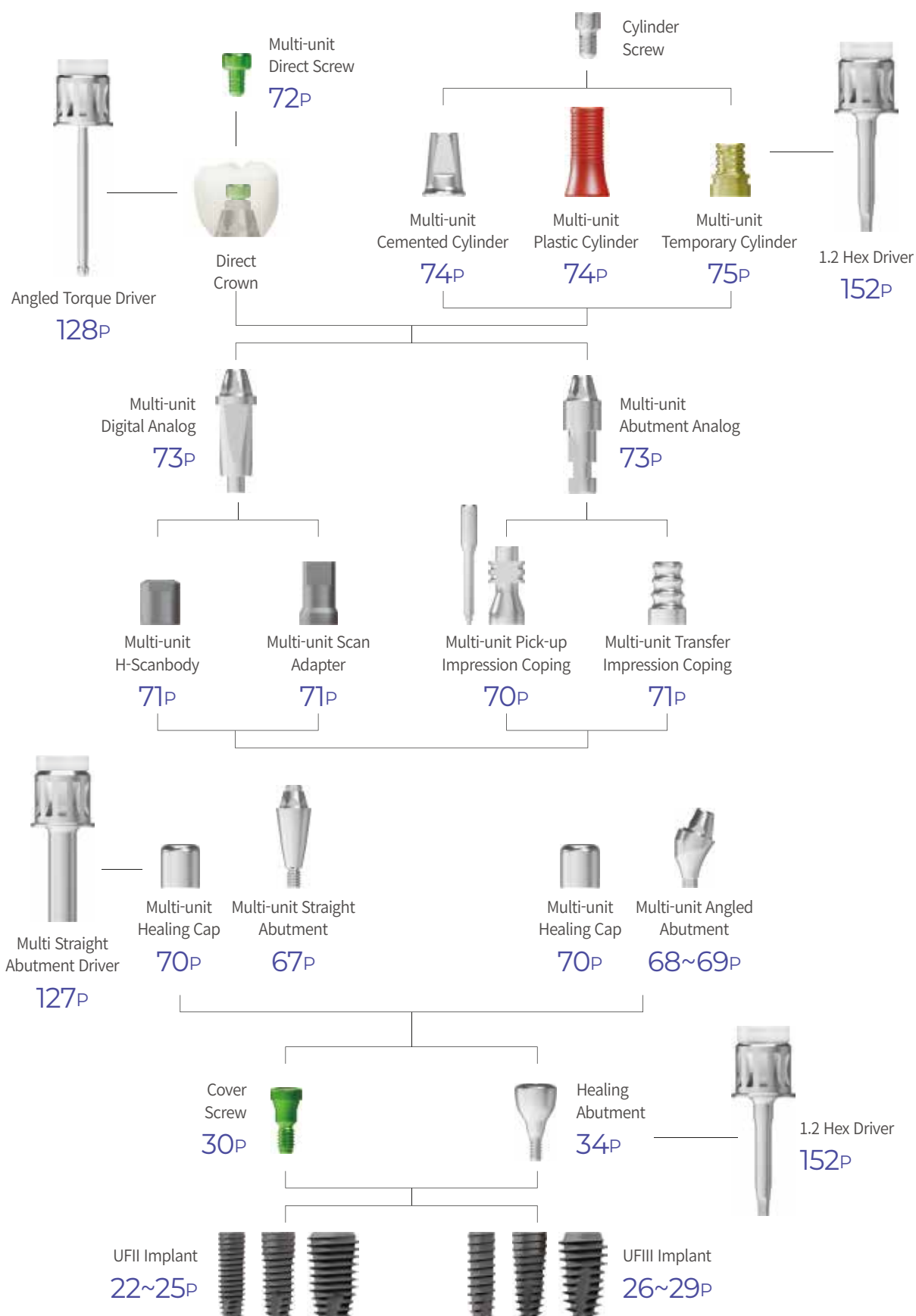
Conical Abutment Driver



N R

Fixture Size			Narrow • Regular
Code	HD 2012A		

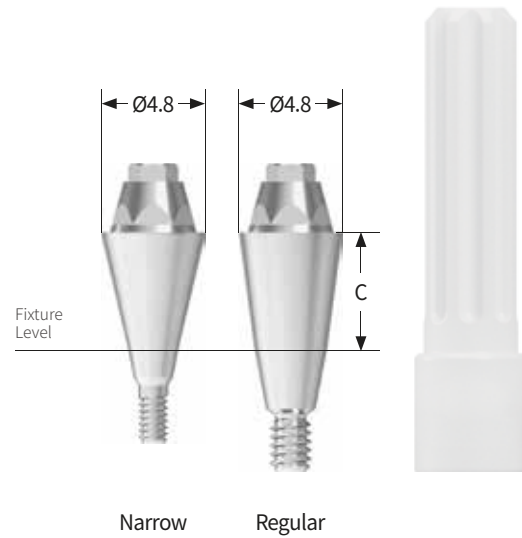
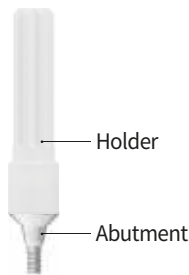
Multi-unit Abutment Prosthetic Flow Chart



Multi-unit Straight Abutment

Used for prosthetic fabrication in bridge cases with misaligned path
(utilizing cylinder and direct screw)

- Only applicable for **N** 전anterior region
- Use Ø2.0, Ø3.3 Multi-unit Straight Abutment Driver (HD 2006A, HD 2012A, HD 3306A, HD 3312A)
- Packing Unit : Multi-unit Straight Abutment +
Multi-unit Straight Abutment Holder (MSAH 4820)
- Tightening Torque : **N** 20Ncm / **R** 30~35Ncm



N R

D Ø4.8

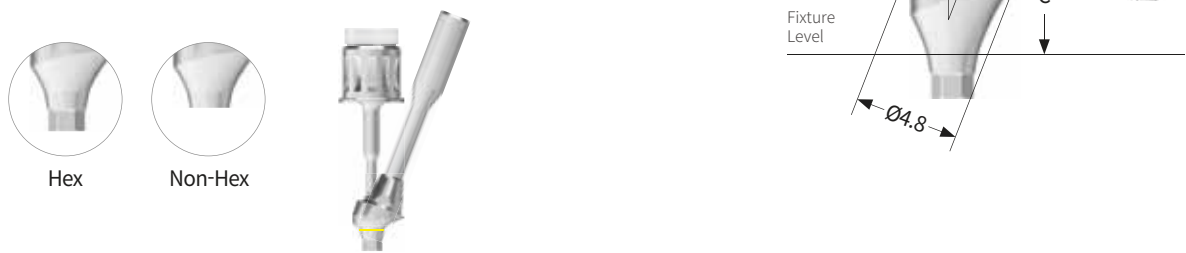
Unit mm

Fixture Size	Narrow	Regular
Diameter	Ø4.8	Ø4.8
Cuff 1.5	MSAN 4801	MSA 4801
2.5	MSAN 4802	MSA 4802
3.5	MSAN 4803	MSA 4803
4.5	MSAN 4804	MSA 4804
5.5	MSAN 4805	MSA 4805
6.5	-	MSA 4806
7.5	-	MSA 4807

Multi-unit Angled Abutment

Used for prosthetic fabrication in bridge cases with misaligned path in narrow implant systems

- Only applicable for **N** anterior region
- Connected to fixture using multi-unit angled abutment screw (UNSAS 1407H)
- Use Multi-unit Angled Abutment Driver : MHD 1215A (For Ratchet), MMD 1224 (For Machine)
- Packing Unit : Multi-unit Angled Abutment + Screw + Multi-unit Angled Abutment Holder (MAH 1629)
- Tightening Torque : **N** 20Ncm



N

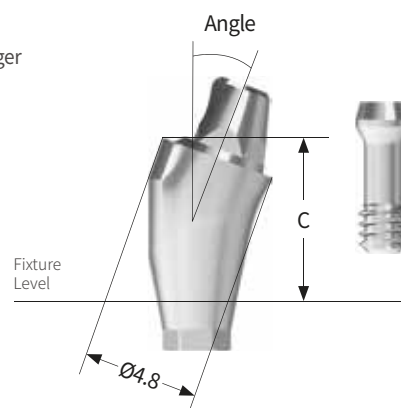
D Ø4.8

Unit mm

Fixture Size		Narrow			
Type	Hex			Non-Hex	
Diameter	Ø4.8			Ø4.8	
Angle	20°	30°		20°	30°
					
Cuff 3.0	MAAN 483020H	-		MAAN 483020N	-
3.5	MAAN 483520H	MAAN 483530H		MAAN 483520N	MAAN 483530N
4.5	MAAN 484520H	MAAN 484530H		MAAN 484520N	MAAN 484530N
5.5	MAAN 485520H	MAAN 485530H		MAAN 485520N	MAAN 485530N
Screw	UNSAS 1407H				

Used for prosthetic fabrication in bridge cases with misaligned path in regular implant systems (utilizing cylinder and direct screw)

- Cuff 6.5 / 7.5mm products can only be connected to fixtures with diameter Ø 4.5 or larger
- Connected to fixture using multi-unit angled abutment screw (MASC 2006)
- Use Multi-unit Angled Abutment Driver : MHD 1215A (For Ratchet), MMD 1224 (For Machine)
- Packing Unit : Multi-unit Angled Abutment + Multi Angled Abutment Screw + Multi-unit Angled Abutment Holder (MAH 1629)
- Tightening Torque : **R** 30~35Ncm



Unit mm

R

D Ø4.8

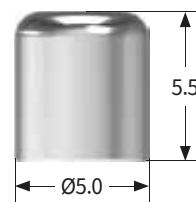
Fixture Size		Regular			
Type		Hex		Non-Hex	
Diameter		Ø4.8		Ø4.8	
Angle		20°	30°	20°	30°
					
Cuff 2.5	MAA 482520H	-	-	MAA 482520N	-
3.5	MAA 483520H	MAA 483530H	MAA 483530H	MAA 483520N	MAA 483530N
4.5	MAA 484520H	MAA 484530H	MAA 484530H	MAA 484520N	MAA 484530N
5.5	MAA 485520H	MAA 485530H	MAA 485530H	MAA 485520N	MAA 485530N
6.5	MAA 486520H	MAA 486530H	MAA 486530H	MAA 486520N	MAA 486530N
7.5	MAA 487520H	MAA 487530H	MAA 487530H	MAA 487520N	MAA 487530N
Screw	MASC 2006				

Multi-unit Abutment Components

Multi-unit Healing Cap

Protect abutments intraorally and minimizes patient discomfort

- Use 1.2 Hex Driver
- Tightening Torque : 5~8Ncm



Unit mm

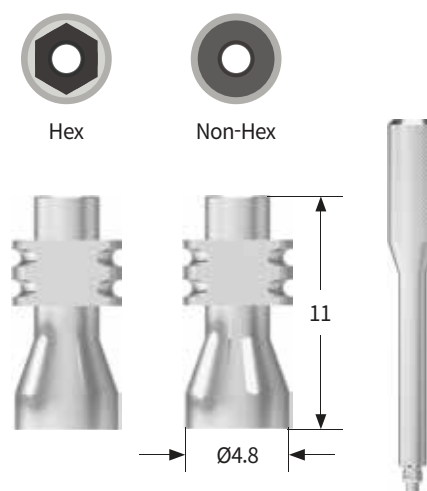
N R

Fixture Size	Narrow • Regular	
Diameter	Ø5.0	
Length 5.5	MHC 5005	

Multi-unit Pick-up Impression Coping

Pick-up type impression coping for abutment level impression taking

- Use open tray
- Dedicated to multi-unit abutment
- Use 1.2 Hex Driver
- Packing Unit : Pick-up Impression Coping + Guide Pin (MGP 1615)



Unit mm

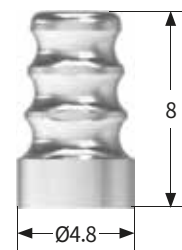
N R

Fixture Size	Narrow • Regular	
Type	Hex	Non-Hex
Diameter	Ø4.8	Ø4.8
Length 11	MPI 4811H	MPI 4811N

Multi-unit Transfer Impression Coping

Transfer type impression coping for abutment level impression taking

- Use closed tray
- Dedicated to multi-unit abutment
- Use 1.2 Hex Driver



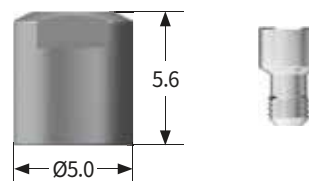
Unit mm

N R	Fixture Size	Narrow • Regular
	Diameter	Ø4.8
	Length 8	MTI 4808N

Multi-unit H-Scanbody

Healing and abutment level digital impression taking function

- Dedicated to multi-unit abutment
- Use 1.2 Hex Driver
- Packing Unit : H-Scanbody + H-Scanbody Screw (MHSBSC 1603)
- Tightening Torque : 5~8Ncm



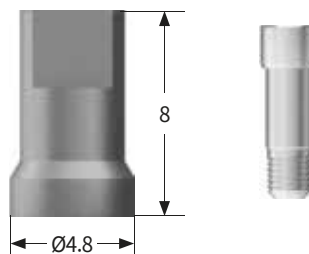
Unit mm

N R	Fixture Size	Narrow • Regular
	Diameter	Ø5.0
	Length 5.6	MHSB 5005H

Multi-unit Scan Adapter

Used for digital impression taking at abutment level

- Use 1.2 Hex Driver
- Packing Unit : Scan Adapter + Coping Screw (MCSC 1606)
- Tightening Torque : 5~8Ncm



Unit mm

N R	Fixture Size	Narrow • Regular
	Diameter	Ø4.8
	Length 8	MSCAN 4808H

Multi-unit Abutment Components

Multi-unit Angled Abutment Jig

Auxiliary tool for convenient and accurate delivery and engagement of multi-unit angled abutments intraorally

- Used by assembling multi-unit angled abutment and ratchet screw driver (MHD 1215A) into jig
- Dedicated to multi-unit angled abutments
- **Packing Unit** : Multi-unit Angled Abutment Jig + Screw (MAJS 1604)



N R

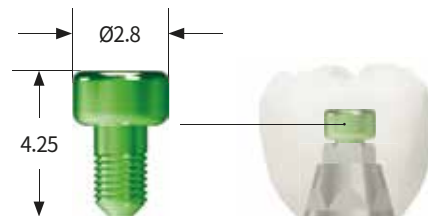
Fixture Size	Narrow • Regular
Code	MAJ 02

Multi-unit Direct Screw

Dedicated to direct crown

- Round type torx screw for stress distribution and stability
- General use : HD 17** Driver
- For access hole angle compensation: Use dedicated angled torque driver (ATD 17**)

※ Not secured, caution against dropping



N R

Unit mm	
Fixture Size	Narrow • Regular
Diameter	Ø2.8
Length 4.25	MDSC 1604T

Multi-unit Abutment Analog

Used to replicate multi-unit abutments on working models (stone model)



N **R**

Fixture Size	Narrow • Regular
Diameter	Ø4.8
Length 15	MLA 4815H

Unit mm

Multi-unit Digital Analog

Used to replicate multi-unit abutments on 3D printed models



N **R**

Fixture Size	Narrow • Regular
Diameter	Ø4.8
Length 14.7	MDAR 4814

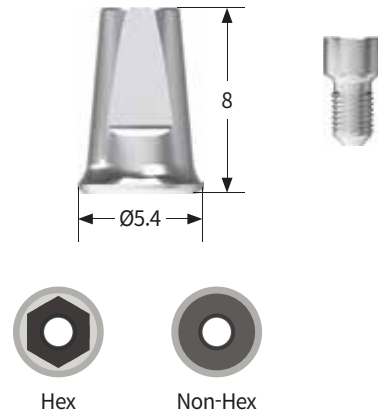
Unit mm

Multi-unit Abutment

Multi-unit Cemented Cylinder

Used for fabricating SCRP type prosthetics

- Dedicated to multi-unit abutments
- Use 1.2 Hex Driver
- Packing Unit : Cemented Cylinder + Cylinder Screw (MSC 1604)
- Tightening Torque : 20Ncm



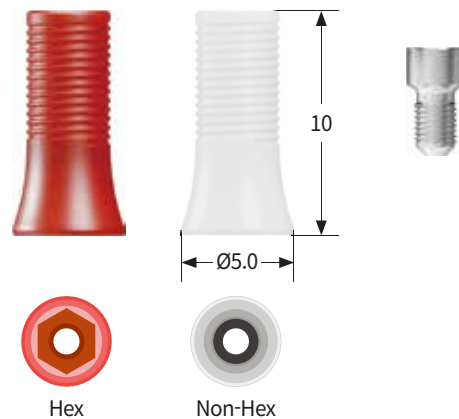
Unit mm

N R	Fixture Size		Narrow • Regular	
	Type	Hex	Non-Hex	
	Diameter	Ø5.4	Ø5.4	
	Length 8	MCEM 5408H	MCEM 5408N	

Multi-unit Plastic Cylinder

Used for fabricating SRP type prosthetics by casting with non-precious metal alloy

- Color-coded to distinguish hex type (red) and non-hex type (white)
- Use 1.2 Hex Driver
- Packing Unit : Plastic Cylinder + Cylinder Screw (MSC 1604)
- Tightening Torque : 20Ncm



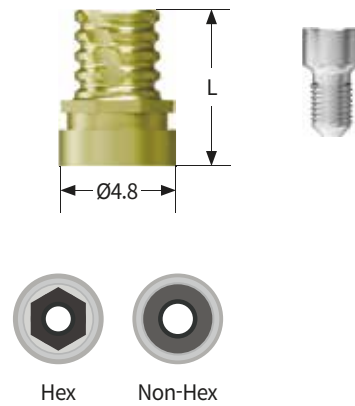
Unit mm

N R	Fixture Size		Narrow • Regular	
	Type	Hex ●	Non-Hex ○	
	Diameter	Ø5.0	Ø5.0	
	Length 10	MPLA 5010H	MPLA 5010N	

Multi-unit Temporary Cylinder

Used for fabricating temporary prosthetics at abutment level

- Use 1.2 Hex Driver
- Packing Unit : Temporary Cylinder + Cylinder Screw (MSC 1604)
- Tightening Torque : 20Ncm



Unit mm

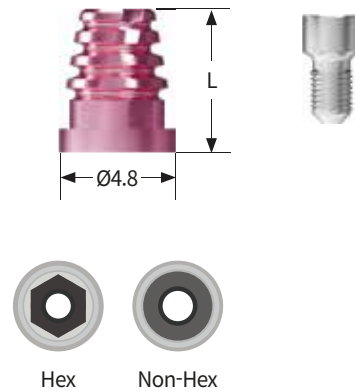
N R

Fixture Size	Narrow • Regular	
Type	Hex	Non-Hex
Diameter	Ø4.8	Ø4.8
Length 6	MTEM 4806H	MTEM 4806N
12	MTEM 4812H	MTEM 4812N

Multi-unit Eastab Cylinder

Used for fabricating final prosthetics at abutment level

- Use 1.2 Hex Driver
- Packing Unit : Eastab Cylinder + Cylinder Screw (MSC 1604)
- Tightening Torque : 20Ncm

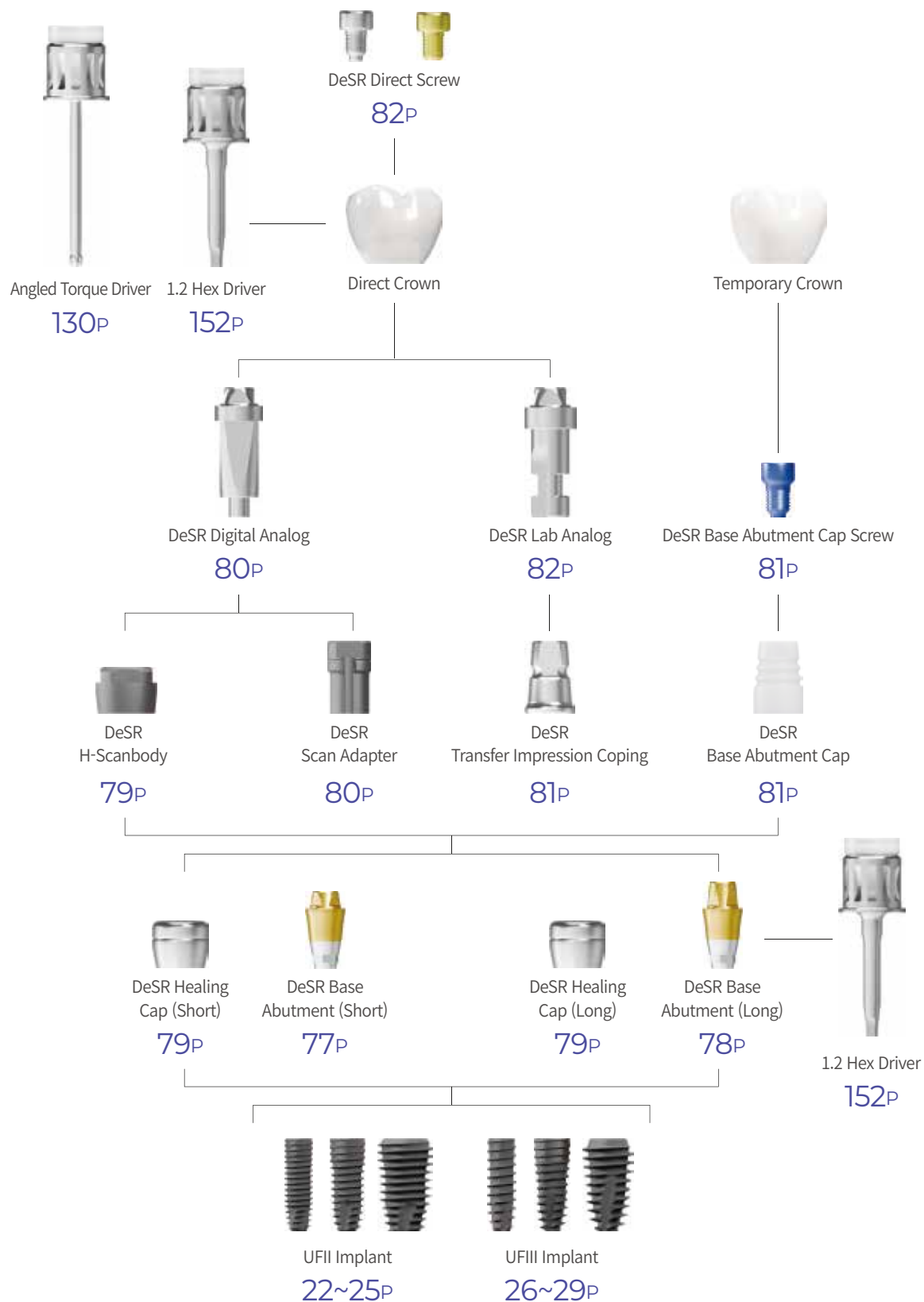


Unit mm

N R

Fixture Size	Narrow • Regular	
Type	Hex	Non-Hex
Diameter	Ø4.8	Ø4.8
Length 6	ESMCSF 4806H	ESMCSF 4806N
12	ESMCSF 4808H	ESMCSF 4808N

DeSR Abutment Prosthetic Flow Chart

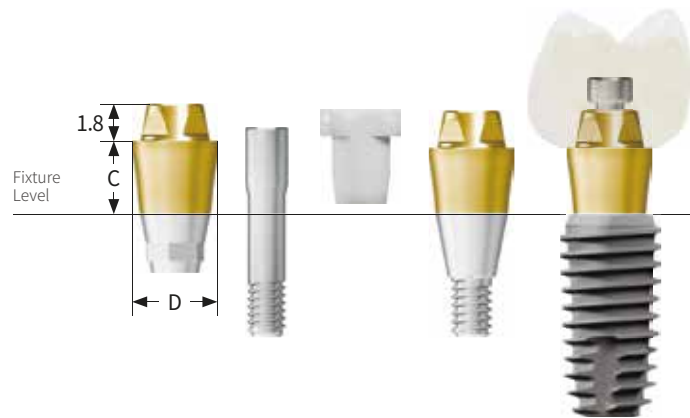


DeSR Base Abutment (Short)

77

Used for screw-retained zirconia prosthetic fabrication

- Path compensation angle : **N** 20° / **R** 30°
- Packing Unit : Hex (Base Abutment + Screw + Holder) /
Non-Hex (Base Abutment)
- Tightening Torque : **N** 20Ncm / **R** 30~35Ncm



Unit mm

N R

Hex

Fixture Size		Regular				
Diameter		Ø4.2	Ø4.8	Ø5.5	Ø6.5	-
Length 1.8	Cuff 1.5	-	DSRBA 4801H	DSRBA 5501H	DSRBA 6501H	DSRBAS 01H
	2.5	DSRNBA 4202H	DSRBA 4202H	DSRBA 5502H	DSRBA 6502H	DSRBAS 02H
	3.5	DSRNBA 4203H	DSRBA 4203H	DSRBA 5503H	DSRBA 6503H	DSRBAS 03H
	4.5	DSRNBA 4204H	DSRBA 4204H	DSRBA 5504H	DSRBA 6504H	DSRBAS 04H
	5.5	DSRNBA 4205H	DSRBA 4205H	DSRBA 5505H	DSRBA 6505H	DSRBAS 05H
	6.5	DSRNBA 4206H	DSRBA 4206H	DSRBA 5506H	DSRBA 6506H	DSRBAS 06H
	7.5	DSRNBA 4207H	DSRBA 4207H	DSRBA 5507H	DSRBA 6507H	DSRBAS 07H

N R

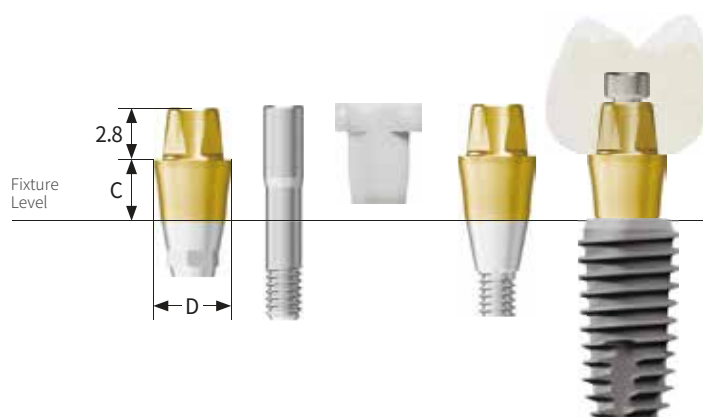
Non-Hex

Fixture Size		Regular				
Diameter		Ø4.2	Ø4.8	Ø5.5	Ø6.5	-
Length 1.8	Cuff 1.5	-	DSRBA 4801N	DSRBA 5501N	DSRBA 6501N	DSRBASL 01H
	2.5	DSRNBA 4202N	DSRBA 4202N	DSRBA 5502N	DSRBA 6502N	DSRBASL 02H
	3.5	DSRNBA 4203N	DSRBA 4203N	DSRBA 5503N	DSRBA 6503N	DSRBASL 03H
	4.5	DSRNBA 4204N	DSRBA 4204N	DSRBA 5504N	DSRBA 6504N	DSRBASL 04H
	5.5	DSRNBA 4205N	DSRBA 4205N	DSRBA 5505N	DSRBA 6505N	DSRBASL 05H
	6.5	DSRNBA 4206N	DSRBA 4206N	DSRBA 5506N	DSRBA 6506N	DSRBASL 06H
	7.5	DSRNBA 4207N	DSRBA 4207N	DSRBA 5507N	DSRBA 6507N	DSRBASL 07H

DeSR Base Abutment (Long)

Used for screw-retained zirconia prosthetic fabrication

- Path compensation angle : **N** 12° / **R** 20°
- Packing Unit : Hex (Base Abutment + Screw + Holder) /
Non-Hex (Base Abutment)
- Tightening Torque : **N** 20Ncm / **R** 30~35Ncm



Unit mm

N R

Hex

Fixture Size		Narrow				Regular			
Diameter		Ø4.2				Ø4.2 Ø4.8 Ø5.5			
						  			
Length 2.8	Cuff 1.5	-				-			
	2.5	DSRNBAL 4202H	DSRBAL 4202H				DSRBAL 4801H	DSRBAL 5501H	
	3.5	DSRNBAL 4203H	DSRBAL 4203H				DSRBAL 4802H	DSRBAL 5502H	
	4.5	DSRNBAL 4204H	DSRBAL 4204H				DSRBAL 4803H	DSRBAL 5503H	
	5.5	DSRNBAL 4205H	DSRBAL 4205H				DSRBAL 4804H	DSRBAL 5504H	
	6.5	DSRNBAL 4206H	DSRBAL 4206H				DSRBAL 4805H	DSRBAL 5505H	
	7.5	DSRNBAL 4207H	DSRBAL 4207H				DSRBAL 4806H	DSRBAL 5506H	
							DSRBAL 4807H	DSRBAL 5507H	

N R

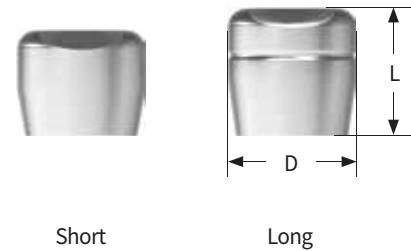
Non-Hex

Fixture Size		Narrow				Regular			
Diameter		Ø4.2				Ø4.2 Ø4.8 Ø5.5			
						  			
Length 2.8	Cuff 1.5	-				-			
	2.5	DSRNBAL 4202N	DSRBAL 4202N				DSRBAL 4801N	DSRBAL 5501N	
	3.5	DSRNBAL 4203N	DSRBAL 4203N				DSRBAL 4802N	DSRBAL 5502N	
	4.5	DSRNBAL 4204N	DSRBAL 4204N				DSRBAL 4803N	DSRBAL 5503N	
	5.5	DSRNBAL 4205N	DSRBAL 4205N				DSRBAL 4804N	DSRBAL 5504N	
	6.5	DSRNBAL 4206N	DSRBAL 4206N				DSRBAL 4805N	DSRBAL 5505N	
	7.5	DSRNBAL 4207N	DSRBAL 4207N				DSRBAL 4806N	DSRBAL 5506N	
							DSRBAL 4807N	DSRBAL 5507N	

DeSR Healing Cap

Used when fixture does not achieve adequate initial stability, protecting abutments intraorally and minimizing patient discomfort

- Tightening Torque : 5~8Ncm



Unit mm

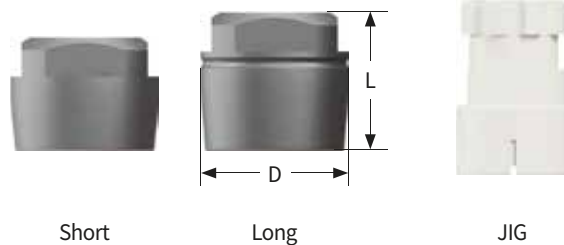
Fixture Size		Narrow				Regular		
Diameter		Ø4.2		Ø4.2		Ø4.8	Ø5.5	Ø6.5
Short	Length 4.5	DSRNHC 4204				DSRHC 4804	DSRHC 5504	DSRHC 6504
Long	Length 5.5	DSRNHCL 4205				DSRHCL 4805	DSRHCL 5505	-

※ Must use components matching base abutment short/long type

DeSR H-Scanbody

Enable digital impression taking at healing and abutment levels

- Tightening Torque : 5~8Ncm



Unit mm

Fixture Size		Narrow				Regular		
Diameter		Ø4.2		Ø4.2		Ø4.8	Ø5.5	Ø6.5
Short	Length 4.5	DSRNHSB 4204				DSRHSB 4804	DSRHSB 5504	DSRHSB 6504
Long	Length 5.5	DSRNHSBL 4205				DSRHSBL 4805	DSRHSBL 5505	-
Jig		JIG 501				JIG 1551	JIG 602	-
H-Scan Body Screw		DSRHSBS 04				DSRHSBS 05		

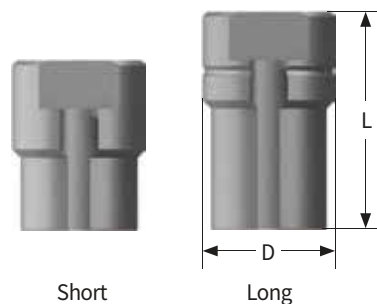
※ Must use components matching base abutment short/long type

DeSR Abutment Components

DeSR Scan Adapter

Used for digital impression taking at abutment level

- Tightening Torque : 5~8Ncm



Unit mm

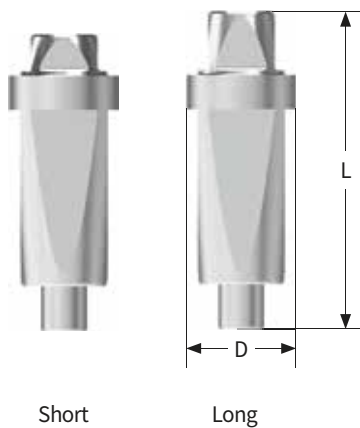
		Narrow		Regular	
Fixture Size		Narrow		Regular	
Diameter		Ø4.2		Ø4.2	Ø4.8 Ø5.5
Short	Length 7	DSRNSA 4207		DSRSA 4807	DSRSA 5507
Long	Length 9	DSRNSAL 4209		DSRSAL 4809	DSRSAL 5509

※ Must use components matching base abutment short/long type

DeSR Digital Analog

Used to replicate DeSR abutments on 3D printer models

- Tightening Torque : 5~8Ncm



Unit mm

		Narrow		Regular	
Fixture Size		Narrow		Regular	
Diameter		Ø4.2		Ø4.8	
Short	Length 13	DSRNDAL 42		DSRDA 48	
Long	Length 14	DSRNDAL 42		DSRDAL 48	

※ Must use components matching base abutment short/long type

DeSR Base Abutment Cap

Used for temporary crown fabrication by engaging with base abutment intraorally

- Packing Unit : Base Abutment Cap + Screw (DSRBACS 1804H)
- Tightening Torque : 20Ncm



Short

Long

Screw

Unit mm

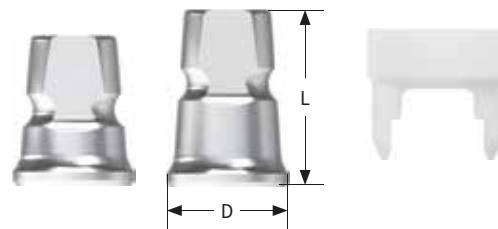
		Narrow		Regular	
Fixture Size		Diameter		Diameter	
		Ø4.2		Ø4.2	Ø4.8 Ø5.5
Short (5mm)	Hex	DSRNBAC 4205H		DSRBAC 4805H	DSRBAC 5505H
	Non-Hex	DSRNBAC 4205N		DSRBAC 4805N	DSRBAC 5505N
Long (7mm)	Hex	DSRNBACL 4207H		DSRBACL 4807H	DSRBACL 5507H
	Non-Hex	DSRNBACL 4207N		DSRBACL 4807N	DSRBACL 5507N

※ Must use components matching base abutment short/long type

DeSR Transfer Impression Coping

Impression Coping: Transfer type impression coping for abutment level impression taking

- Packing Unit : Transfer Impression Coping + Coping Screw (DSRTIS 05)
- Tightening Torque : 5~8Ncm



Short

Long

Coping Holder

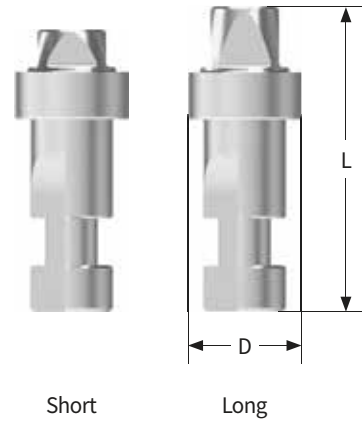
Unit mm

		Narrow		Regular	
Fixture Size		Diameter		Diameter	
		Ø4.2		Ø4.2	Ø4.8 Ø5.5
Short	5.5mm	DSRNTI 4205H		DSRTI 4805H	DSRTI 5505H
Long	6.5mm	DSRNTIL 4206H		DSRTIL 4806H	DSRTIL 5506H
Coping Holder		DSRTIH 4248			DSRTIH 5565

※ Must use components matching base abutment short/long type

DeSR Lab Analog

Used to replicate DeSR abutments on working models (stone model)



Unit mm

Fixture Size		Narrow			Regular	
Diameter		Ø4.2		Ø4.2	Ø4.8	Ø5.5
Short	Length 12	DSRNLA 42			DSRLA 48	DSRLA 55
Long	Length 13	DSRNLA 42			DSRLAL 48	DSRLAL 55

※ Must use components matching base abutment short/long type

DeSR Direct Screw

Dedicated for direct crown

- Straight Type : DSRDS 1804H / Angled type : DSRDS 1804T
- Use HD 1200A Hex Driver / ATD 1700 Torx Driver
- Tightening Torque : **N** 20Ncm / **R** 25Ncm



Cases where angle compensation is not required

Cases where angle compensation is required

Unit mm

Fixture Size		Narrow • Regular	
Type		1.2 Hex	Torx
		DSRDS 1804H	DSRDS 1804T

DeSR Crown Contact Screw

Used to check initial contact when engaging crowns intraorally

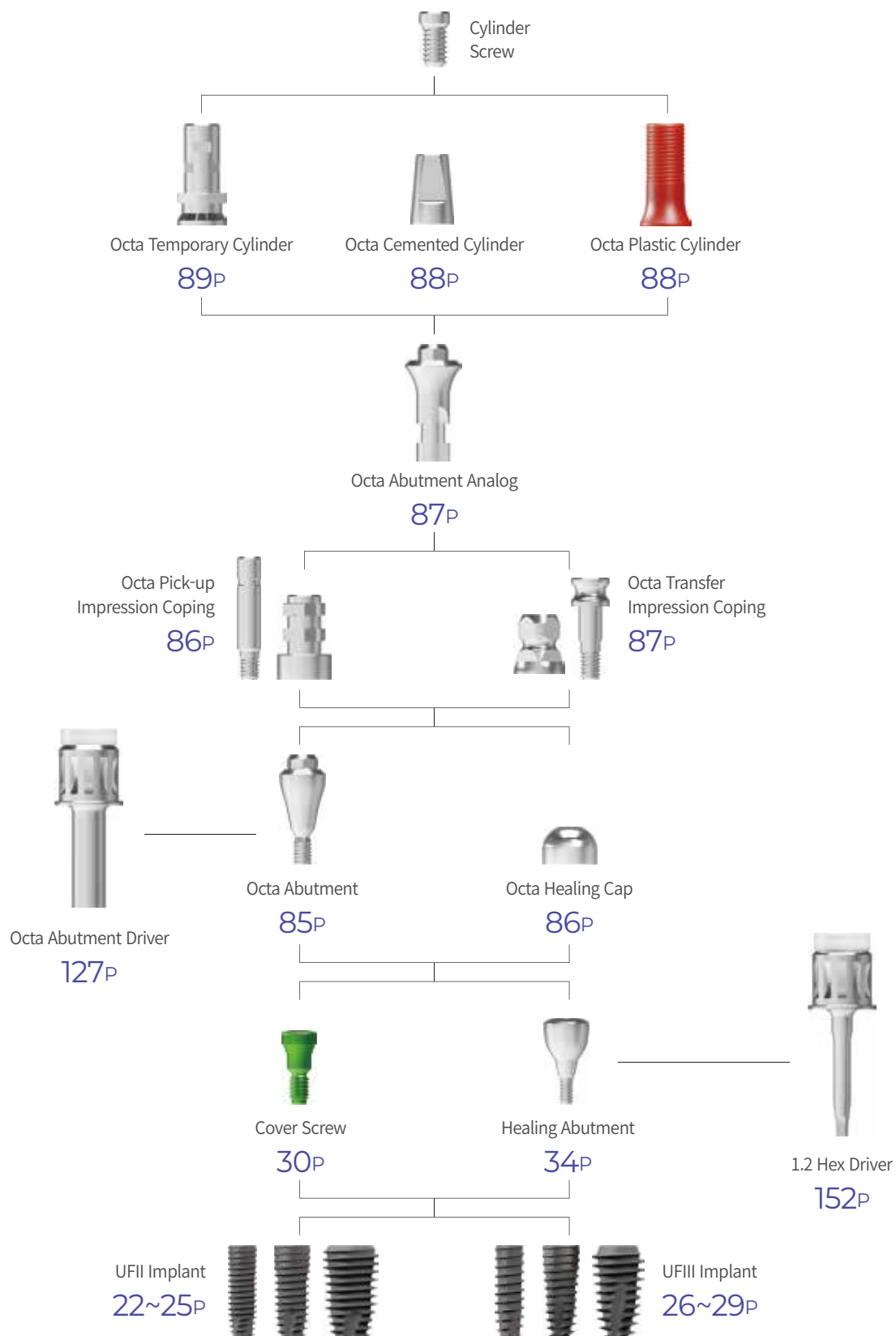


N **R**

Fixture Size	Narrow • Regular
Height 7	DSRCSS 18S

Unit mm

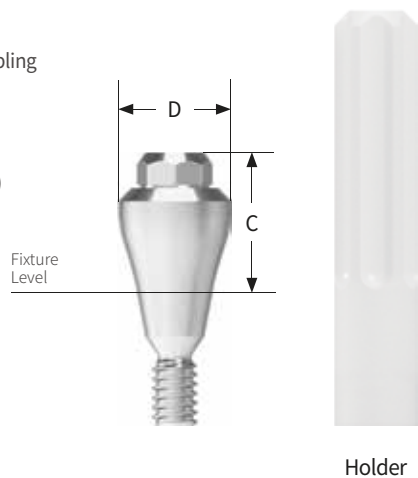
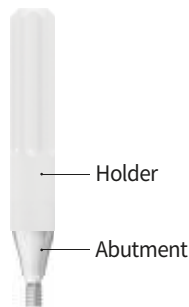
Octa Abutment Prosthetic Flow Chart



Octa Abutment

Used for prosthetic fabrication in bridge cases with misaligned path

- Designed to convert internal connection fixtures to external connection type, enabling prosthetic restoration using cylinders
- Use Octa Abutment Driver (HD 3006A-Short / HD 3012A-Long)
- Packing Unit : Octa Abutment +
Octa Abutment Holder (SSOAH 4020 *Useful for intraoral engagement)
- Tightening Torque : 30~35Ncm



Unit mm

R

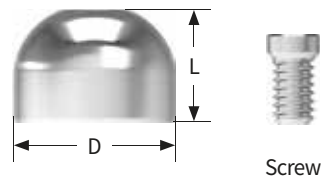
Fixture Size		Regular		
Diameter	Ø4.8	Ø6.0	Ø6.5	
Cuff 1.5	SSOA 4815	SSOA 6015	SSOA 6515	
2.5	SSOA 4825	SSOA 6025	SSOA 6525	
3.5	SSOA 4835	SSOA 6035	SSOA 6535	
4.5	SSOA 4845	SSOA 6045	SSOA 6545	
5.5	SSOA 4855	SSOA 6055	SSOA 6555	

Octa Abutment Components

Octa Healing Cap

Used to protect octa abutments intraorally and minimize patient discomfort

- Use 1.2 Hex Driver
- Packing Unit : Healing Cap + Cylinder Screw (STI 2004)
- Tightening Torque : 5~8Ncm



Screw

Unit mm

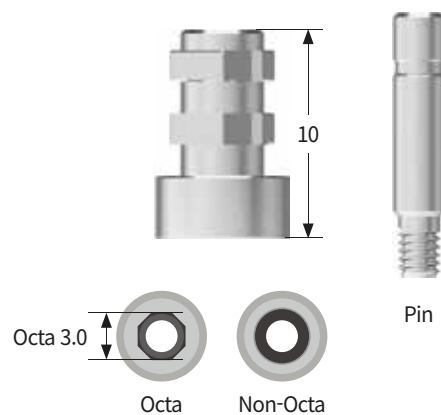
R

Fixture Size		Regular		
Diameter		Ø4.8	Ø6.0	Ø6.5
		HCI 48504	HCI 60704	HCI 65704

Octa Pick-up Impression Coping

Pick-up type for impression taking using open tray

- Asymmetric structure minimizes proximal interference
- Use 1.2 Hex Driver
- Packing Unit : Pick-up Impression Coping + Guide Pin (POI 2610)



Pin

Unit mm

R

Fixture Size		Regular		
Diameter		Ø4.8	Ø6.0	Ø6.5
Length 10	Octa	IPI 48610	IPI 60710	IPI 65710
	Non-Octa	IPI 48610N	IPI 60710N	IPI 65710N

Octa Transfer Impression Coping

Transfer type for impression taking using closed tray

- Enhanced recognition after impression with dual cross-section structure
- Use 1.2 Hex Driver
- Packing Unit : Transfer Impression Coping + Coping Screw (IOTI 48010S)



Screw

Unit mm

R

Fixture Size		Regular		
Diameter	Ø4.8	Ø6.0	Ø6.5	
Length 10	IOTI 48010	IOTI 60010	IOTI 65010	

Octa Abutment Analog

Replicating oral octa abutment shape on working model

※ Not a medical device



Unit mm

R

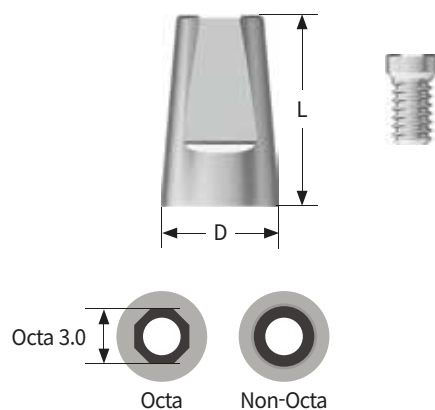
Fixture Size		Regular		
Diameter	Ø4.8	Ø6.0	Ø6.5	
Length 10	-	RCI 60014	-	
12	RCI 48014	-	RCI 65014	

Octa Abutment Components

Octa Cemented Cylinder

Used for SCRP type prosthetic fabrication

- Use 1.2 Hex Driver
- Packing Unit : Cemented Cylinder + Cylinder Screw (STI 2004H)
- Tightening Torque : 20Ncm



Unit mm

R

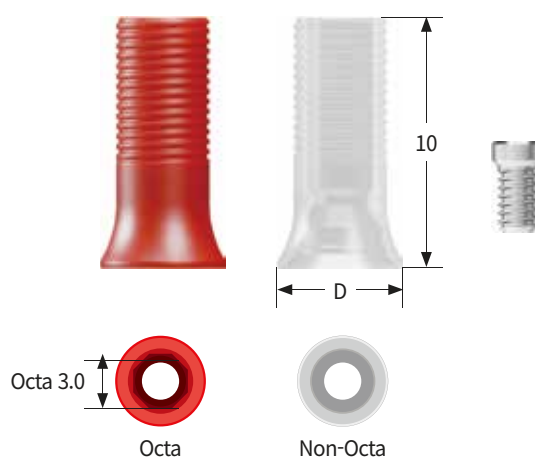
Fixture Size		Regular			
Abutment Diameter		Ø4.8	Ø4.8	Ø6.0	Ø6.5
Cylinder Diameter		Ø5.0	Ø5.8	Ø6.4	Ø6.9
Length		8		9	
Octa		ICC 48508[H]	ICC 48588[H]	ICC 60649[H]	ICC 65309[H]
Non-Octa		ICC 48508N[H]	ICC 48588N[H]	ICC 60649N[H]	ICC 65309N[H]

Octa Plastic Cylinder

Cast with non-precious metal alloy after customization to fabricate SRP type prosthetics

- Use 1.2 Hex Driver
- Packing Unit : Plastic Cylinder + Cylinder Screw (STI 2004H)
- Tightening Torque : 20Ncm

※ Not a medical device



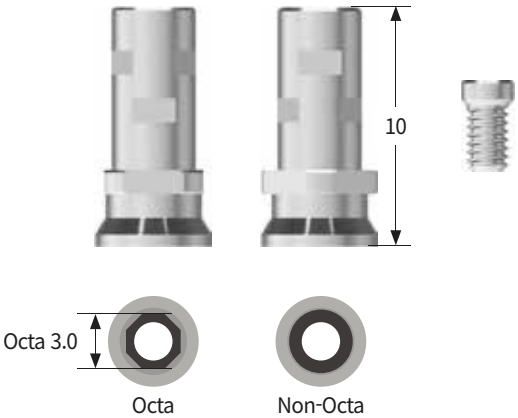
Unit mm

R

Fixture Size		Regular		
Diameter		Ø4.8	Ø6.0	Ø6.5
Length	Octa ●	API 48514[H]	API 60714[H]	API 65714[H]
10	Non-Octa ○	API 48514N[H]	API 60714N[H]	API 65714N[H]

Octa Temporary Cylinder

- Use 1.2 Hex Driver
- Packing Unit : Temporary Cylinder + Cylinder Screw (STI 2004H)
- Tightening Torque : 20Ncm



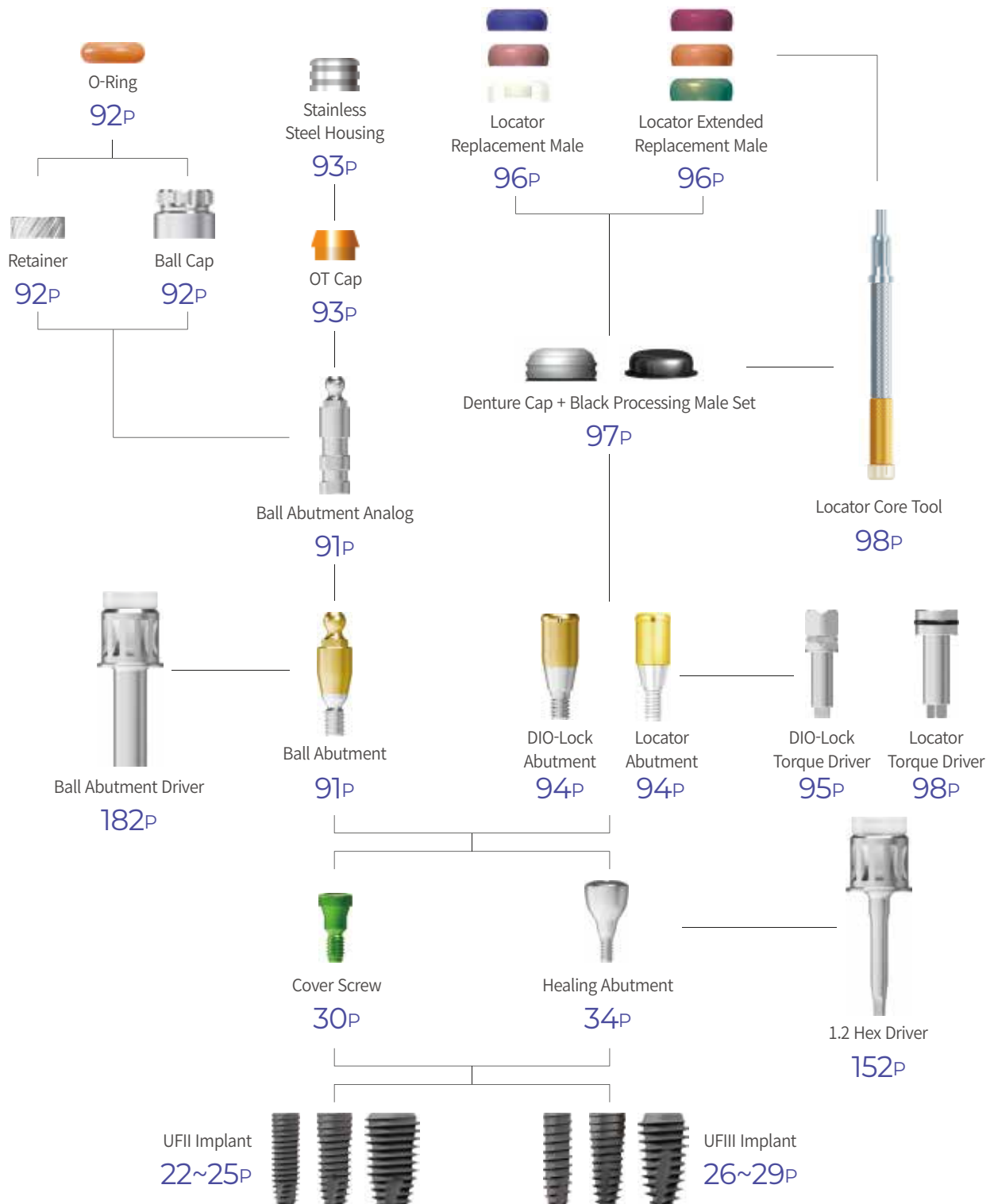
R

Unit mm

Fixture Size		Regular	
Diameter		Ø4.8	Ø6.0
Length	Octa	ITC 48010[H]	ITC 60010[H]
	Non-Octa	ITC 48010N[H]	ITC 60010N[H]

Overdenture

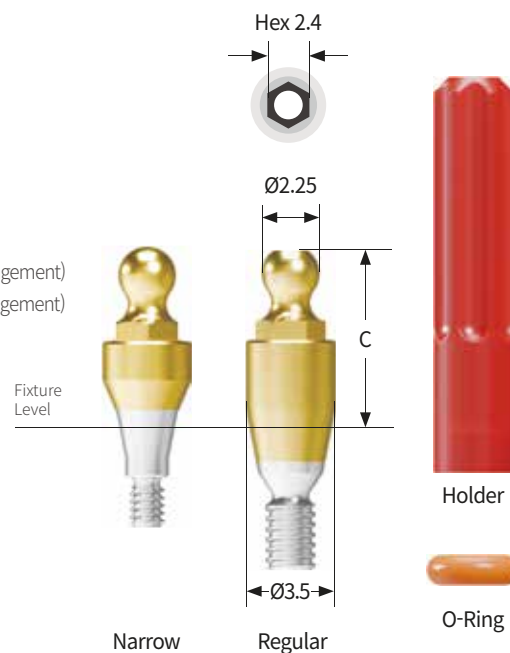
Ball / Locator Prosthetic Flow Chart



Ball Abutment

Used for ball type overdenture fabrication

- Gold coloring applied to gingival area for enhanced esthetics
- Up to 20° path compensation
- Use Octa Abutment Driver (HD 2406A, HD 2412A)
- Packing Unit : **N** Ball Abutment + Ball Abutment Holder (Useful for intraoral engagement)
R Ball Abutment + Ball Abutment Holder (Useful for intraoral engagement)
+ O-Ring (Orange : OR 04500)
- Tightening Torque : **N** 20Ncm / **R** 30~35Ncm
- DIO Ball Abutment Holder : BAH 3520



Unit mm

	Fixture Size	Narrow	Regular
	Diameter	Ø3.5	Ø3.5
	Cuff 1	UNSB 3510	SSBA 3510
	2	UNSB 3520	SSBA 3520
	3	UNSB 3530	SSBA 3530
	4	UNSB 3540	SSBA 3540
	5	UNSB 3550	SSBA 3550
	6	UNSB 3560	SSBA 3560
	7	UNSB 3570	-

Ball Abutment Components

Ball Abutment Analog

Replicating oral ball abutment shape on working model

※ Not a medical device



Unit mm

	Fixture Size	Narrow	Regular
	Abutment Diameter	Ø3.5	Ø3.5
	Length 10	UNSBAA 3510	SABA 3510

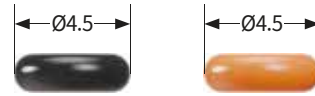
Ball Abutment

O-Ring

Black : O-ring for overdenture fabrication used in laboratories

Orange : Intraoral O-ring with high retention force specifications (approximately 6N)

- Packing Unit : O-Ring (OR 0450B : 1ea, OR 0450O : 1ea)



N R

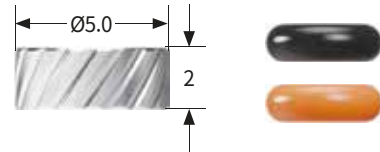
Fixture Size		Narrow • Regular	
Diameter	Ø4.5		Ø4.5
Color	Black ●		Orange ●
	OR 0450B		OR 0450O

Unit mm

Retainer O-Ring Set

Advantageous when occlusal space is limited compared to ball cap

- Packing Unit : Retainer + O-Ring (OR 0450B + OR 0450O)



N R

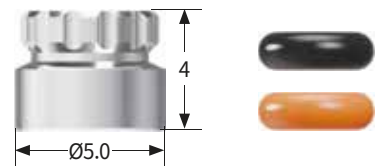
Fixture Size		Narrow • Regular	
Diameter	Ø5.0		
Length 2	RT 0502		

Unit mm

Ball Cap O-Ring Set

Excellent retention force and denture insertion/removal feel

- Packing Unit : Ball Cap + O-Ring (OR 0450B + OR 0450O)



N R

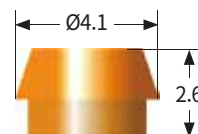
Fixture Size		Narrow • Regular	
Diameter	Ø5.0		
Length 4	BC 5004		

Unit mm

OT Cap (Orange)

Achieving superior retention force with wider contact area compared to O-ring

- Packing Unit : 6 Pieces
- ※ No separate laboratory cap available, replace cap after denture fabrication



Unit mm

N R	Fixture Size	Narrow • Regular
	Diameter	Ø4.1
	Length 2.6	049PCNDR8

Stainless Steel Housing

Designed with reduced size for enhanced stability and improved bonding with resin

- Packing Unit : 2 Pieces



Unit mm

N R	Fixture Size	Narrow • Regular
	Diameter	Ø4.6
	Length 3	041CAN

Insertion Tool For Caps

Used for cap insertion into stainless housing

- Can be used with tip in both directions
- Packing Unit : Handle + Tip



N R	Fixture Size	Narrow • Regular
		085IAC

Remover Tool For Caps

Used for cap removal from stainless housing

- Can be used as a single tool

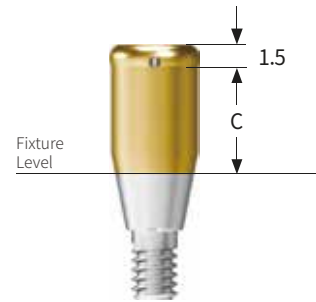


N R	Fixture Size	Narrow • Regular
		091EC

DIO-Lock Abutment Components

Upgraded from conventional denture systems (O-Ring System, Bar Type System, etc.) the DIO-Lock Abutment is connected to the fixture and engages with the male part attached to the denture, allowing connection and disconnection

- Use DIO-Lock Torque Driver
- Tightening Torque : 30~35Ncm



Unit mm

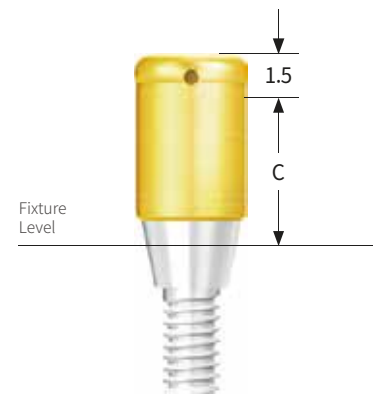
R

Fixture Size	Narrow	Regular
Cuff 1	LCASN 3701	LCAS 3701
2	LCASN 3702	LCAS 3702
3	LCASN 3703	LCAS 3703
4	LCASN 3704	LCAS 3704
5	LCASN 3705	LCAS 3705
4	LCASN 3706	LCAS 3706
5	LCASN 3707	LCAS 3707

Locator Abutment Components

An upgraded form from conventional methods used for existing denture patients (O-ring system, bar type system, etc.), where locator abutments are connected to fixtures and then used by engaging/disengaging with males connected to dentures in male-female configuration

- Use Locator Driver
- Tightening Torque : **N** 20Ncm / **R** 30~35Ncm



Unit mm

N R

Fixture Size	Narrow	Regular
Cuff 1	02961	02967
2	02962	02968
3	02963	02969
4	02964	02970
5	02965	02971
6	02966	02972

DIO-Lock Lab Analog

Lab analog for Abutment



R

Fixture Size	Regular
	LCALA 3910

DIO-Lock Torque Driver

Torque Driver for DIO-Lock Abutment



Unit mm

R

Fixture Size	Regular	
Length	10	15
	LDW 5010	LDW 5015

Locator Abutment Components

Locator Male Package

- Packing Unit : 2set - Denture Cap + Replacement Male (White, Pink, Blue) + Block-out Spacer + Black Processing Male
- Select and use appropriate retention force male according to case
- Replace male using locator core tool



N R	Fixture Size	Narrow • Regular
	Type	2 Set
		08519-2

Locator Replacement Male

Medium for denture retention force implementation, replace when retention decreases / angle compensation up to 20°

- Packing Unit : 4ea

N R	Fixture Size	Narrow • Regular		
	Retention	6N	12N	22N
	Color			
		08529	08527	08524
	Intensity	Weak	Intermediate	Strong

Locator Extended Replacement Male

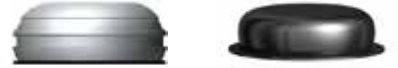
Medium for denture retention force implementation, replace when retention decreases / angle compensation up to 40°

- Packing Unit : 4ea

N R	Fixture Size	Narrow • Regular		
	Retention	4N	8N	16N
	Color			
		LOC 08548	LOC 08915	LOC 08547
	Intensity	Weak	Intermediate	Strong

Locator Denture Cap + Black Processing Male Set

- Packing Unit : Denture Cap 4ea + Black Processing Male 4ea



N R

Fixture Size	Narrow • Regular
	08510

Locator Black Processing Male

Male used during prosthetic procedures

- Packing Unit : 4ea



N R

Fixture Size	Narrow • Regular
	08515

Locator Block-Out Spacer

Used for sealing space between abutment and denture cap

- Packing Unit : 20ea



N R

Fixture Size	Narrow • Regular
	08514

Locator Impression Coping

Locator Abutment용 Pick-up Impression Coping

- Packing Unit : Impression Coping 4ea + Black Processing Male 4ea



N R

Fixture Size	Narrow • Regular
	08505

Locator Lab Analog

Lab analog for Locator Abutment

- Packing Unit : 4ea



N R	Fixture Size		Narrow • Regular	
			08530	

Locator Core Tool

Used for engaging and disengaging replacement male with denture cap

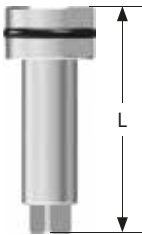
- Separated into 3 pieces and can also be used as hand driver for locator abutment



N R	Fixture Size		Narrow • Regular	
			08393	

Locator Torque Driver

Torque Driver for Locator Abutment



N R	Fixture Size		Narrow • Regular	
	Length		15	21
			08926	08927

Unit mm

D:O IMPLANT

02

Surgical Kits

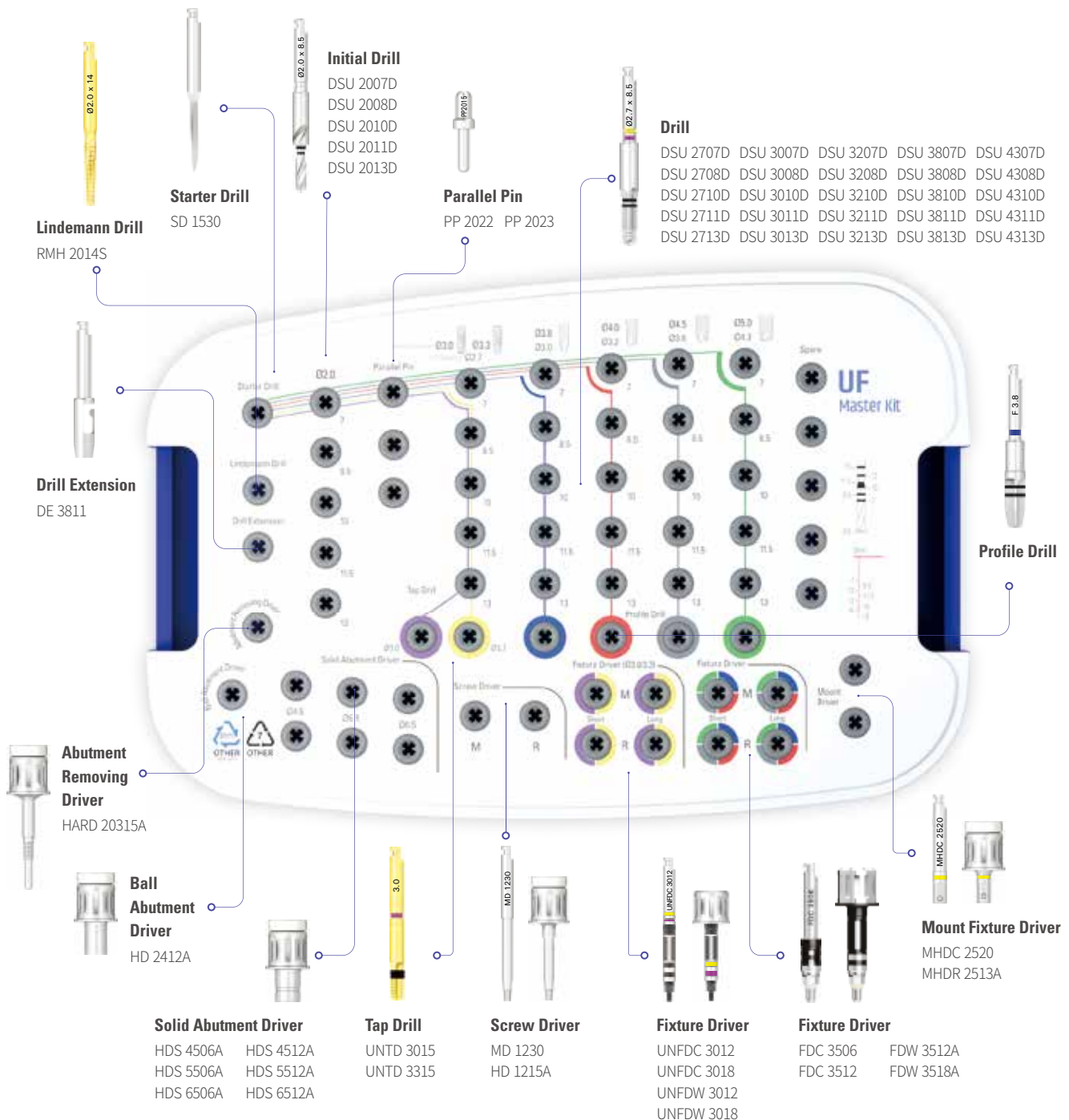
- 102** UFlI Master Kit (UF 06)
- 103** UFlI Surgical Kit (UF 07)
- 104** UFlI Surgical Kit (UF 15)
- 105** UFlI Narrow Kit (UF 08)
- 106** UFlI Wide Kit (UF 09)
- 107** UFlI Starter Kit (UFST 00)

UFII Master Kit (UF 06)

Ver.F

Kit composed of drill with outstanding cutting force and durability, etc.

- UFII Narrow Ø3.0 Ø3.3 / UFII Regular Ø3.8 Ø4.0 Ø4.5 Ø5.0 Fixture



UFII Surgical Kit (UF 07)

Ver.F

Simple non-stopper type full lineup surgical kit

- UFII / UFIII Narrow Ø3.0 Ø3.3 | Regular Ø3.8 Ø4.0 Ø4.5 Ø5.0 Fixture

Torque Wrench

DTW 0060

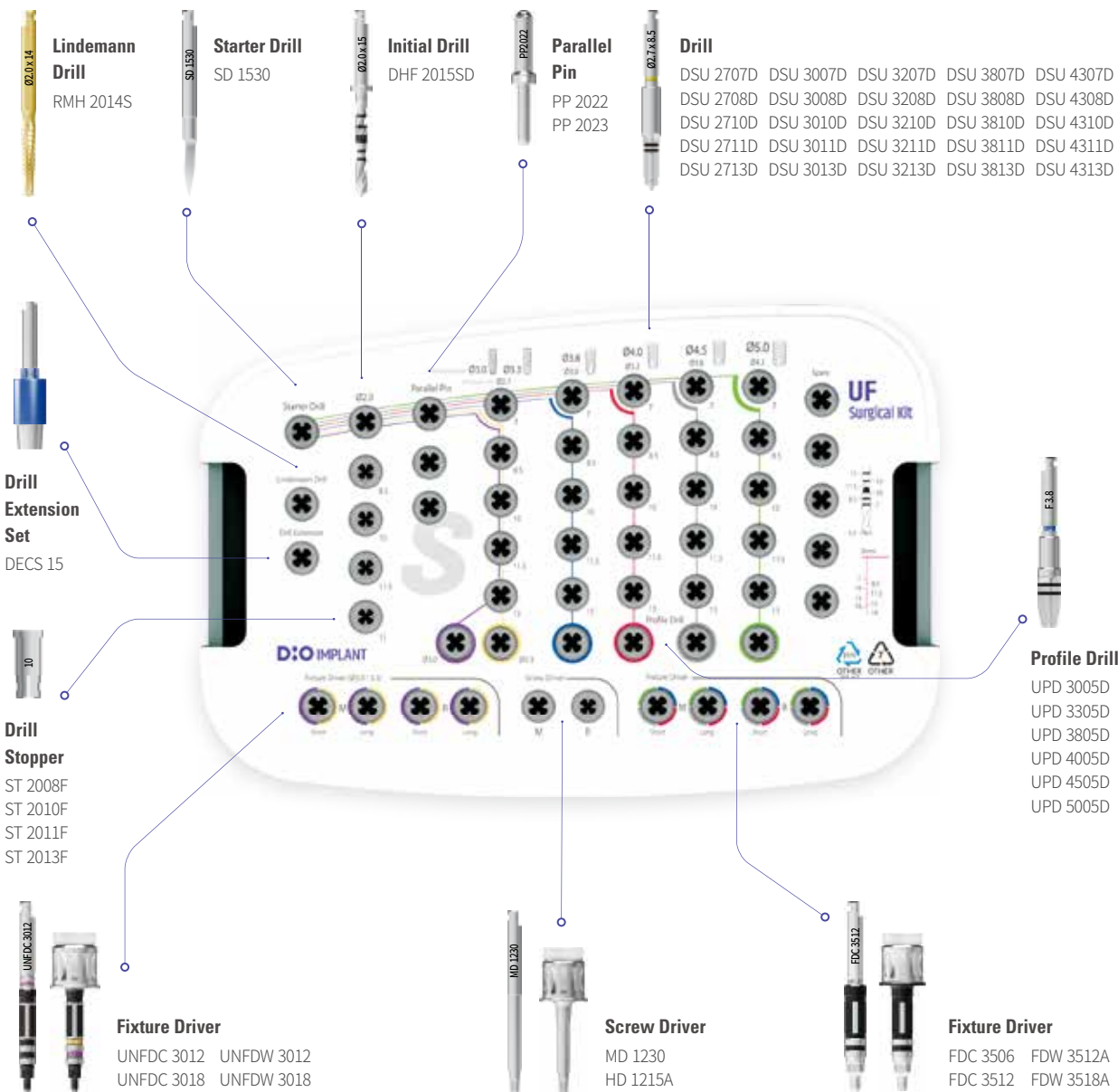


Depth Gauge

DPG 2050



*Bottom Panel Components



UFII Surgical Kit (UF 15)

Ver.C

Hybrid type surgical kit enabling more shortened drilling with drill stopper

- UFII / UFIII Narrow Ø3.0 Ø3.3 | Regular Ø3.8 Ø4.0 Ø4.5 Ø5.0 Fixture

Torque Wrench
DTW 0060



Depth Gauge
DPG 2050



*Bottom Panel Components

Lindemann Drill
RMH 2014S



Starter Drill
SD 1530



Initial Drill
DSU 2007S05
DSU 2010S08
DSU 2013S11



Parallel Pin
PP 2022
PP 2023



Drill
DSU 2707S05 DSU 3007S05 DSU 3207S05 DSU 3807S05 DSU 4307S05
DSU 2710S08 DSU 3010S08 DSU 3210S08 DSU 3810S08 DSU 4310S08
DSU 2713S11 DSU 3013S11 DSU 3213S11 DSU 3813S11 DSU 4313S11



Drill Extension Set
DECS 15



Profile Drill
UPD 3005D
UPD 3305D
UPD 3805D
UPD 4005D
UPD 4505D
UPD 5005D



Drill Stopper
USTN 15
USTR 15



Fixture Driver
UNFDC 3012 UNFDW 3012
UNFDC 3018 UNFDW 3018

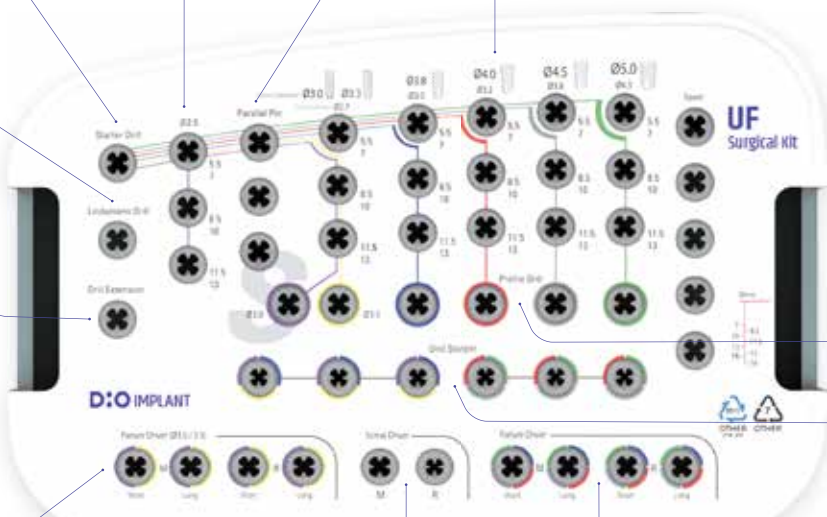


Screw Driver
MD 1230
HD 1215A



Fixture Driver
FDC 3506 FDW 3512A
FDC 3512 FDW 3518A





UF Surgical Kit

D:O IMPLANT

UFII Narrow Kit (UF 08)

Ver.B

Kit composed of drills with excellent cutting power and durability for UFII / UFIII narrow

- UFII / UFIII narrow $\varnothing 3.0$ $\varnothing 3.3$ fixture placement possible

Torque Wrench

DTW 0060

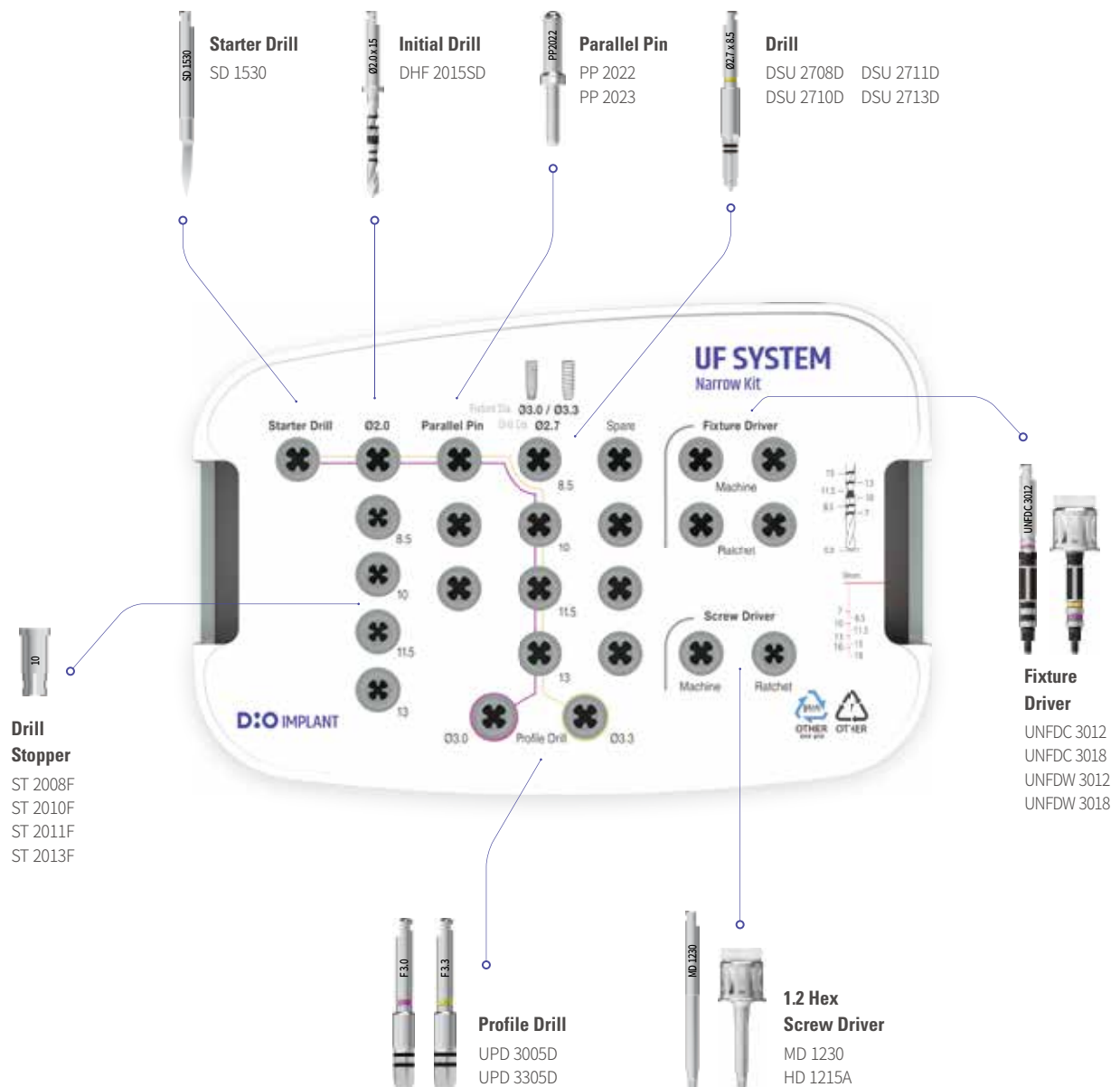


Depth Gauge

DPG 2050



*Bottom Panel Components

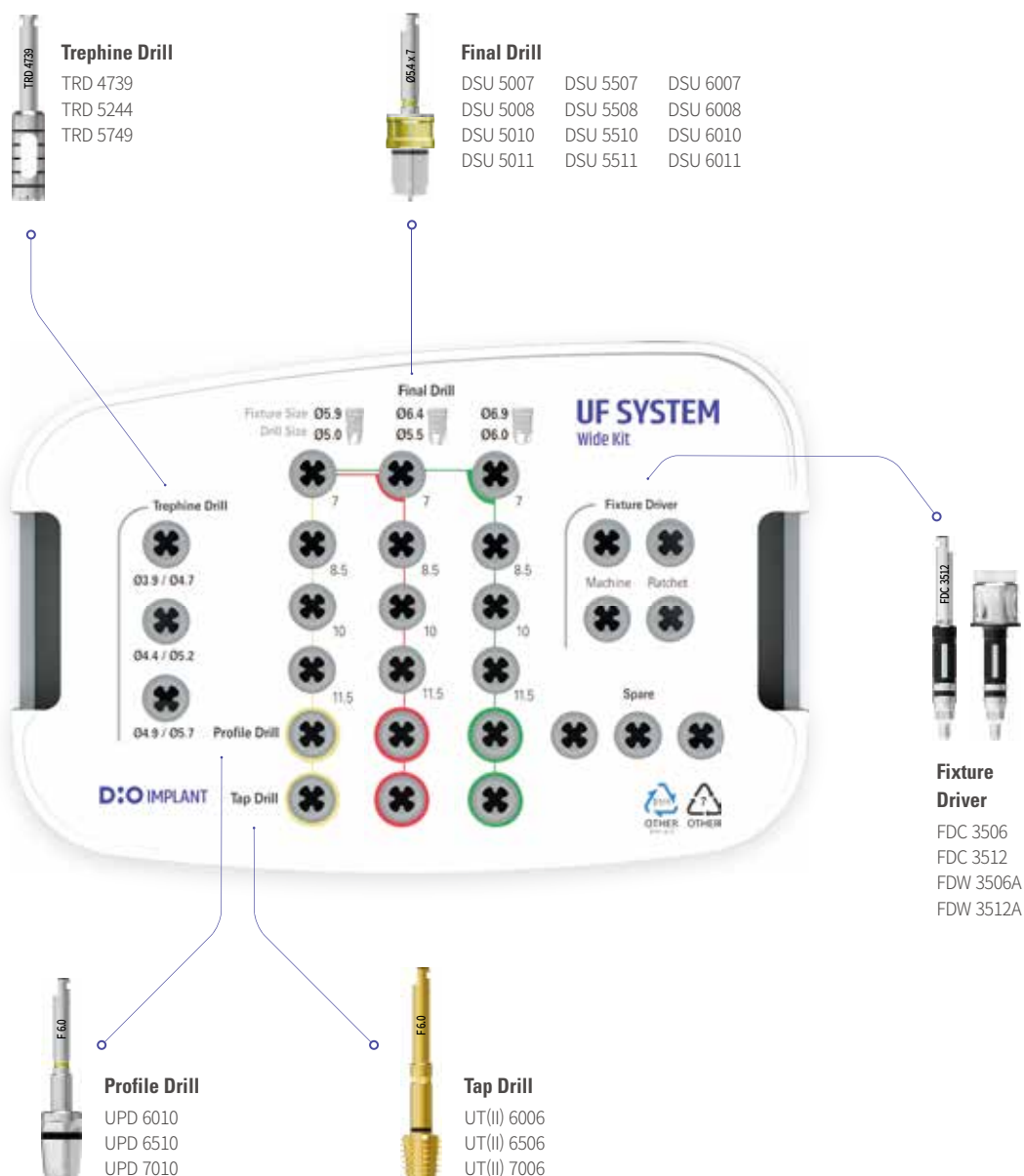


UFII Wide Kit (UF 09)

Ver.D

Kit composed of drills with excellent cutting power and durability for UFII / UFIII

- UFII / UFIII Ø5.9 Ø6.4 Ø6.9 fixture placement possible



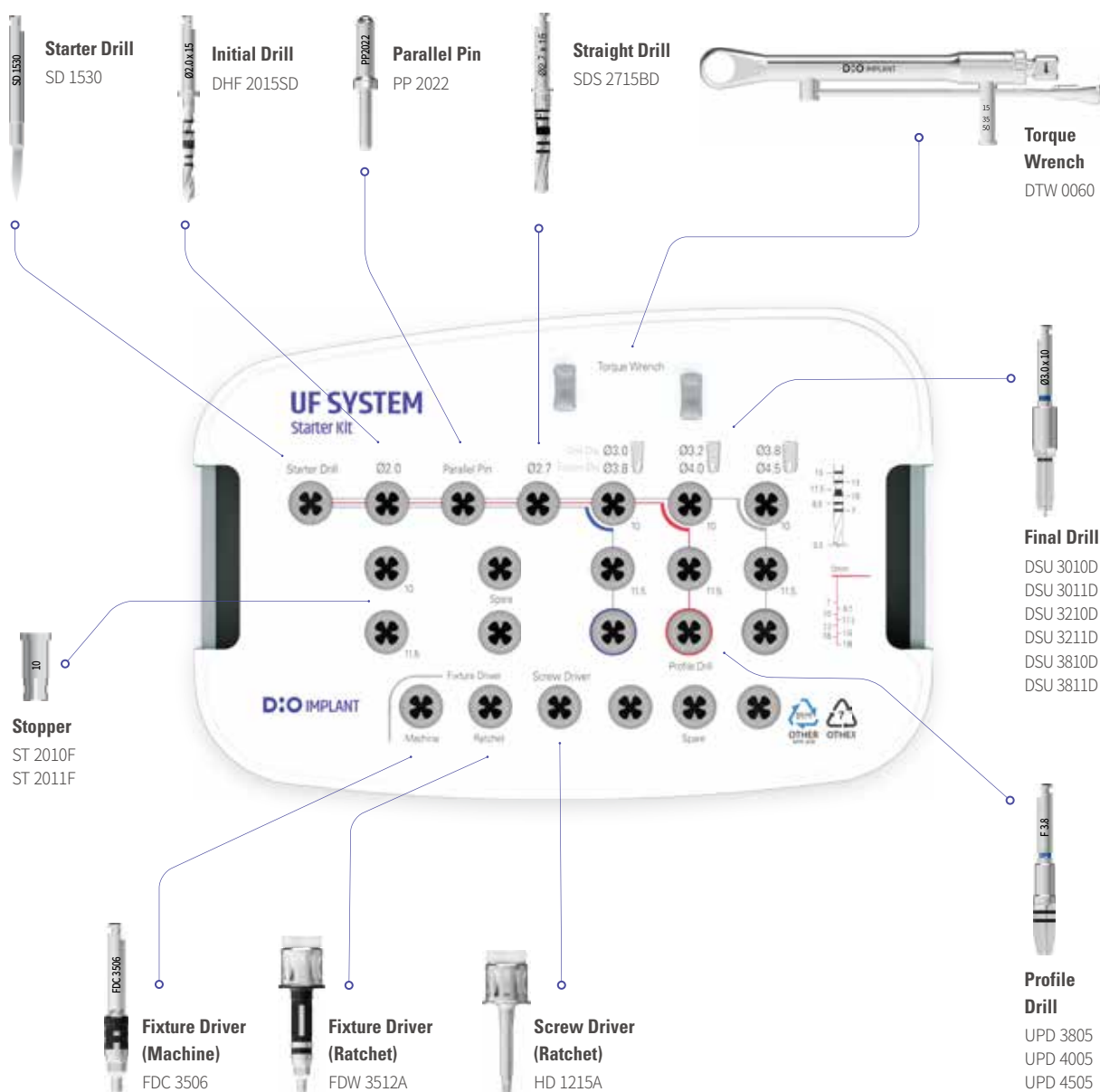
UFII Starter Kit (UFST 00)

Ver.C

107

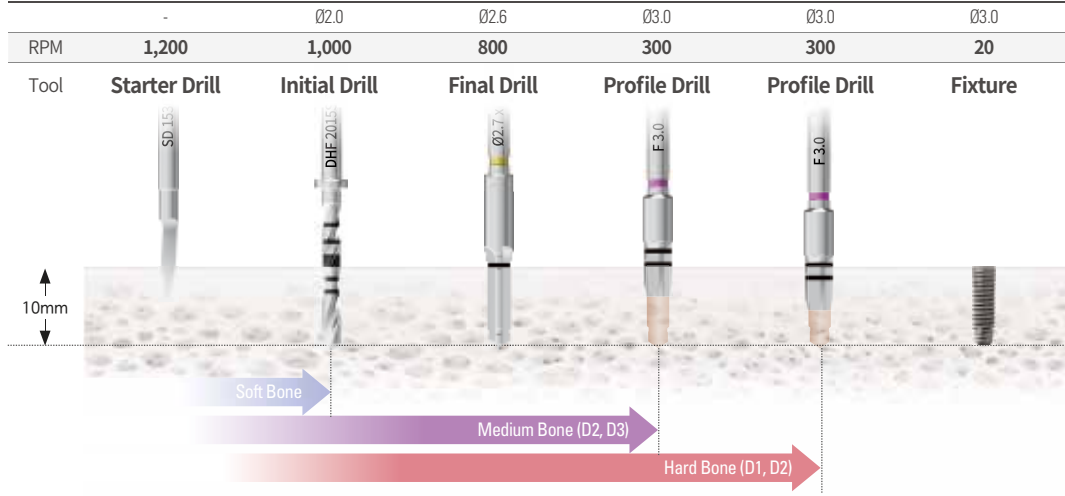
Kit composed of drills with excellent cutting power and durability for UFII / UFIII

- UFII / UFIII Regular Ø3.8 Ø4.0 Ø4.5 Fixture (10, 11.5mm)



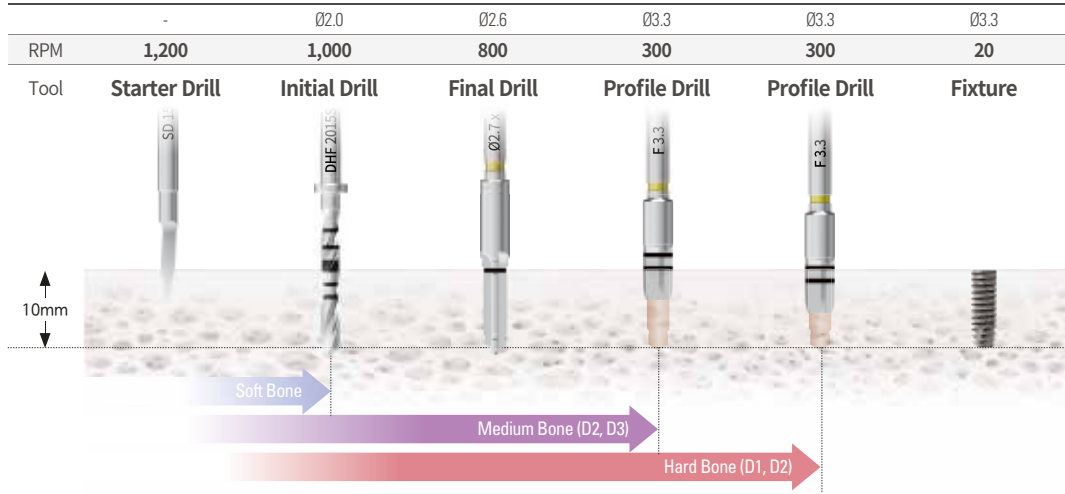
UF(II) Fixture Surgical Protocol Kit

Fixture



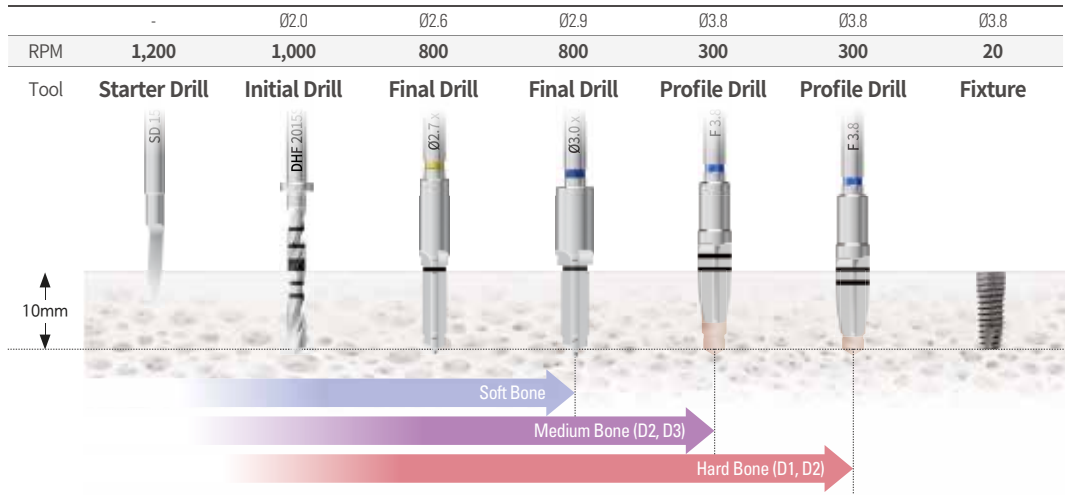
Ø3.3

Fixture

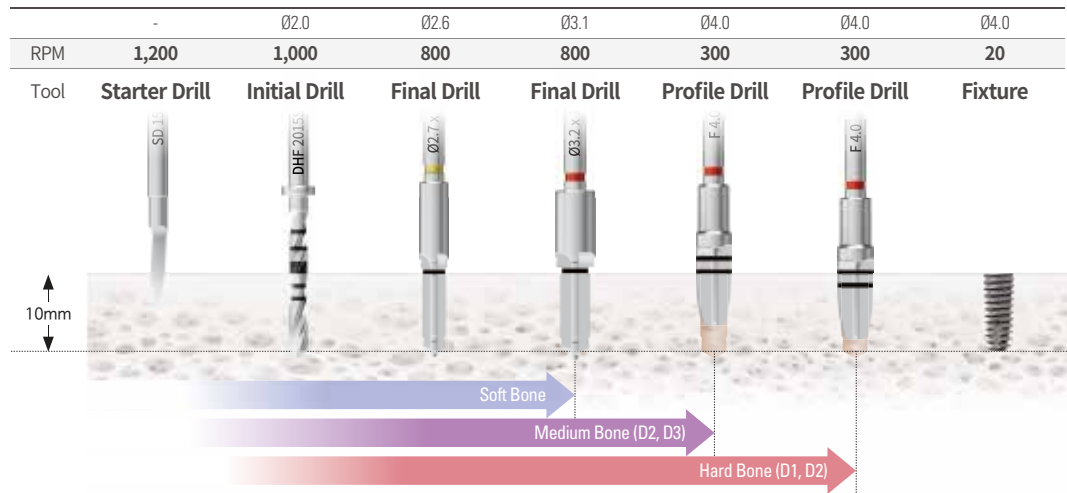


Ø3.8

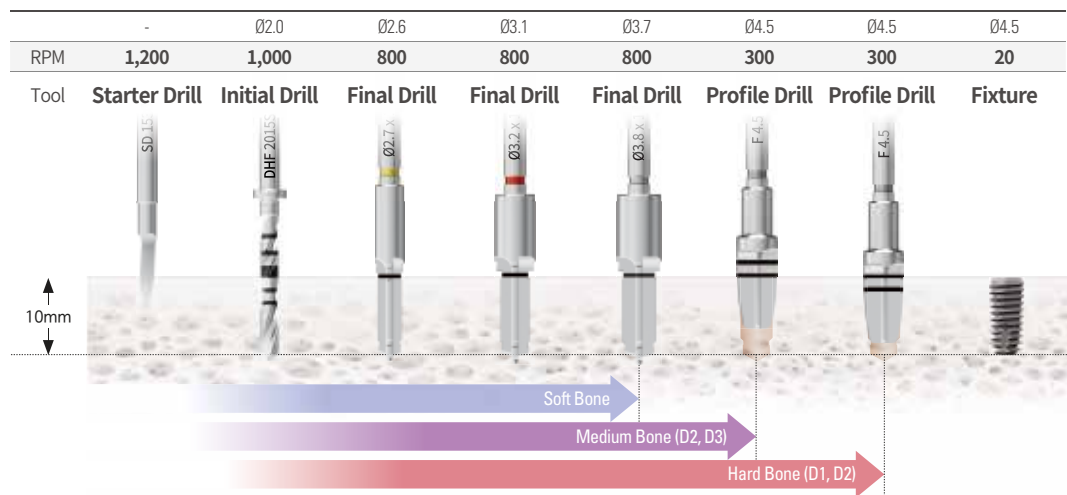
Fixture



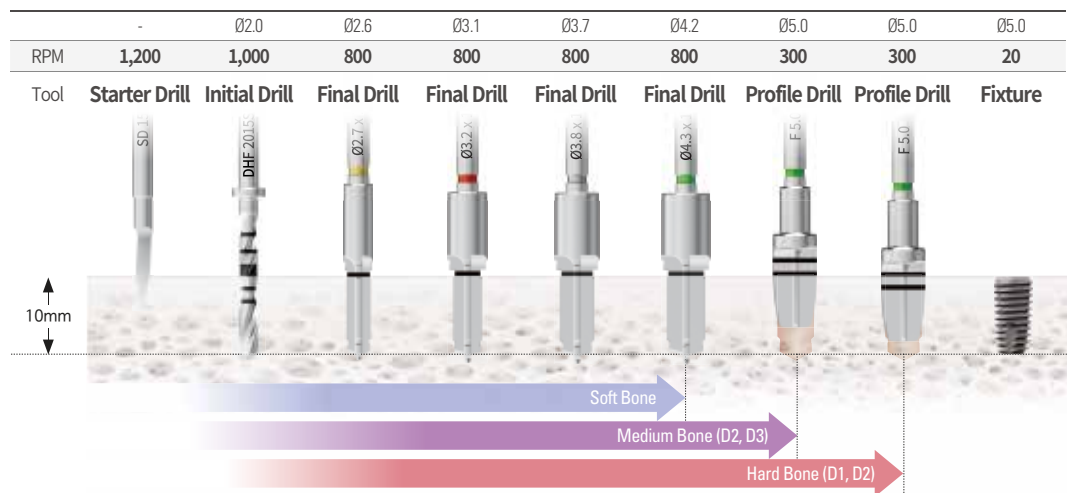
Ø4.0 Fixture



Ø4.5 Fixture

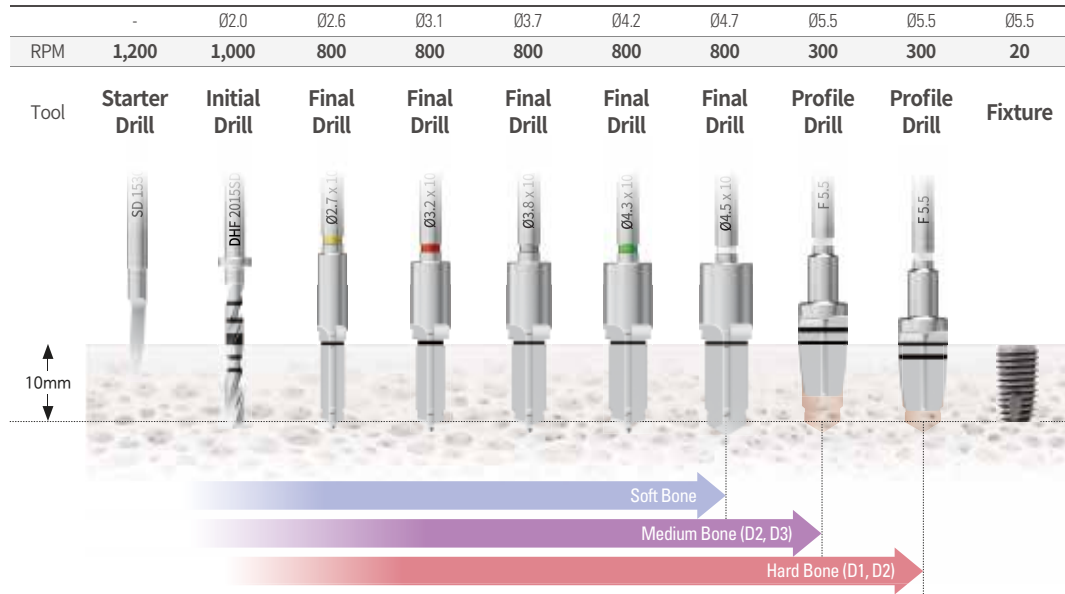


Ø5.0 Fixture

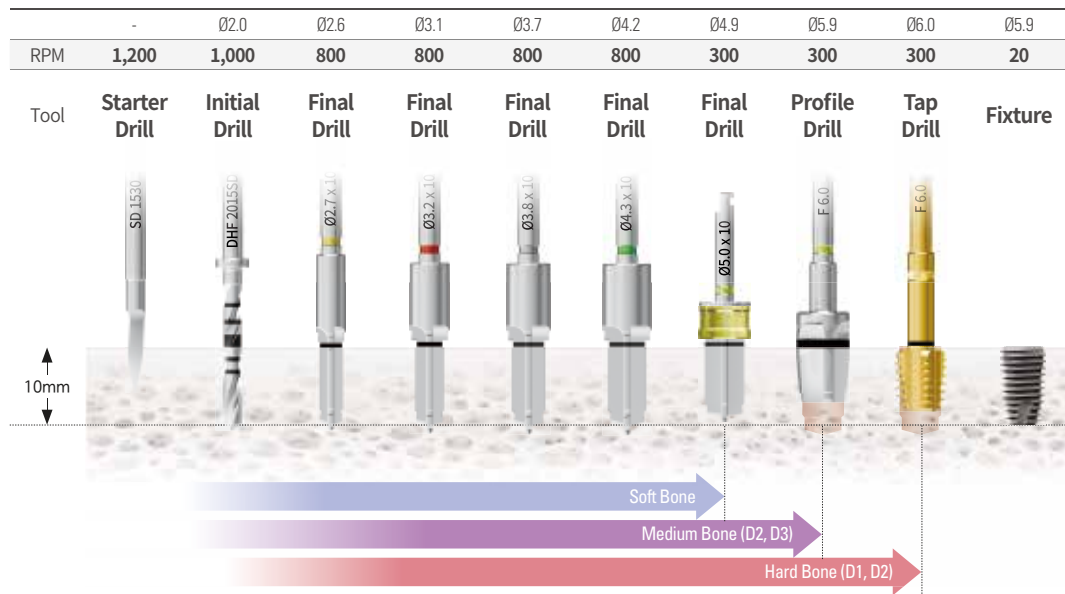


UF(II) Fixture Surgical Protocol Kit

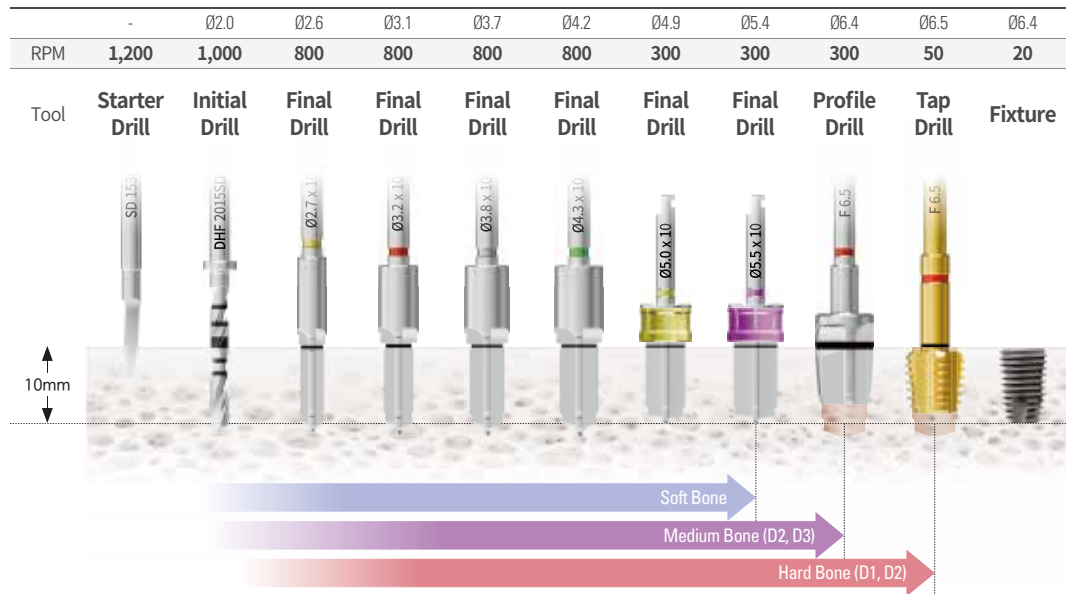
Ø5.5 Fixture



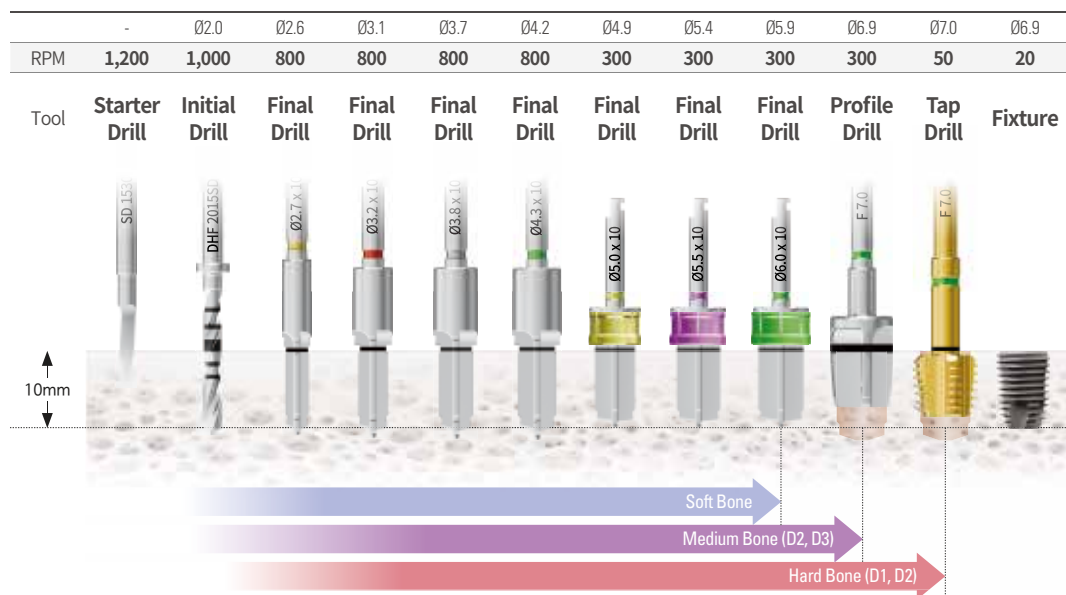
Fixture



Ø6.4 Fixture



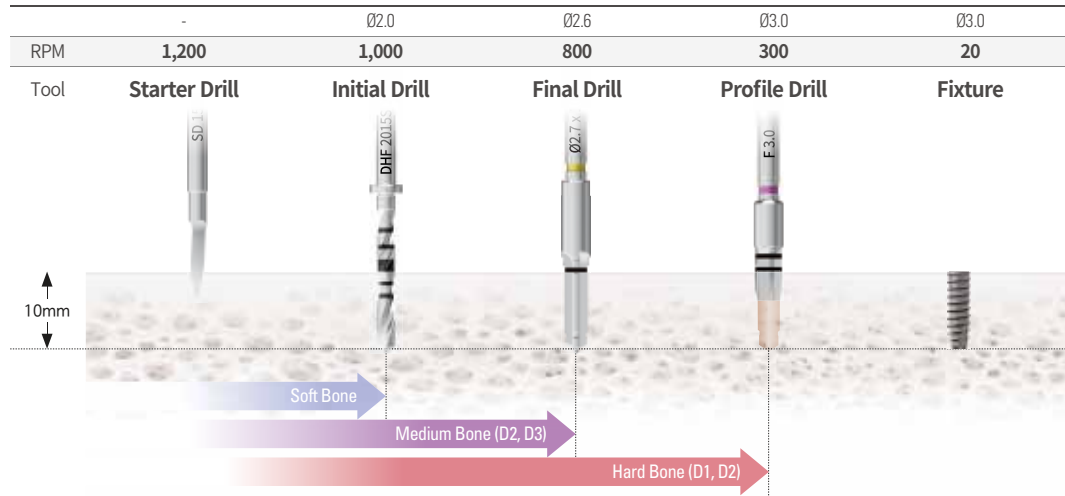
Ø6.9 Fixture



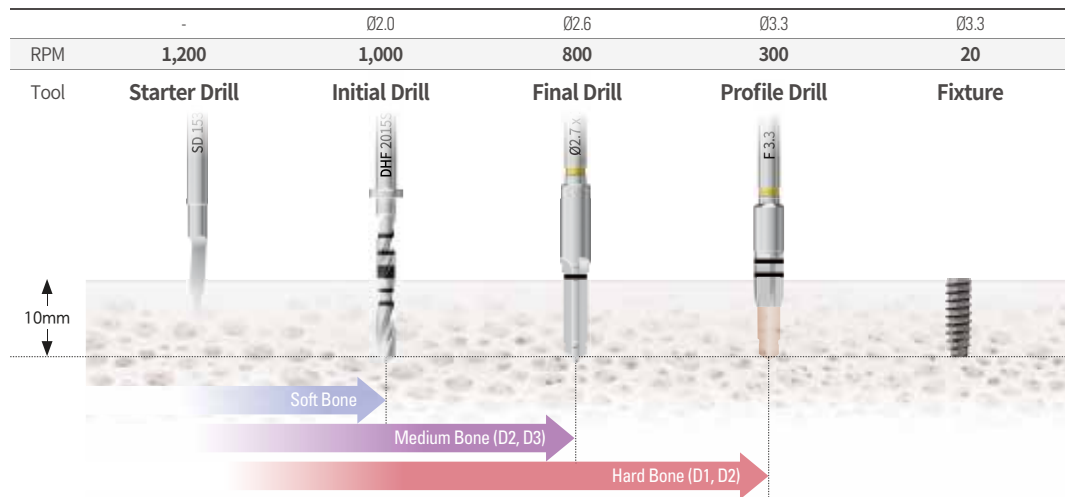
UFIII Fixture Surgical Protocol Kit

Ø3.0

Fixture

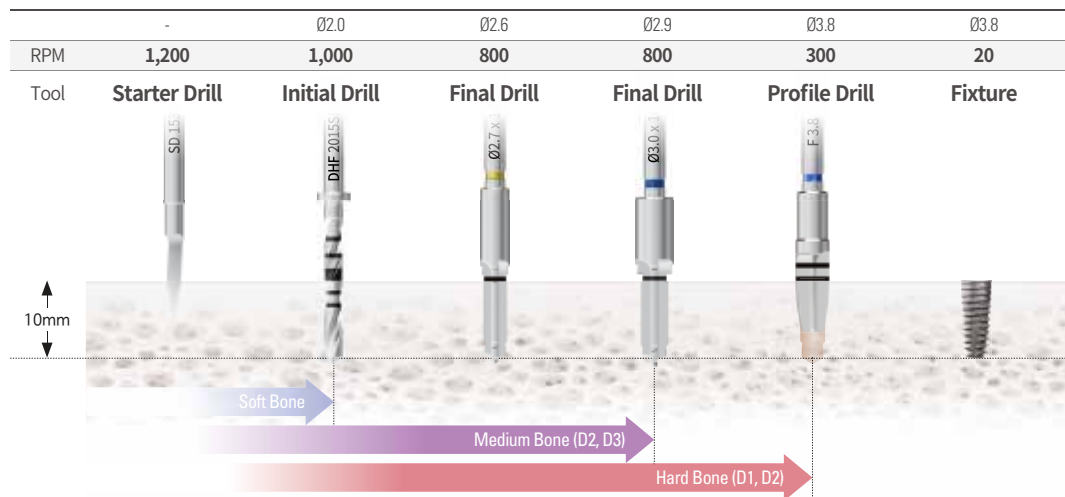


Fixture

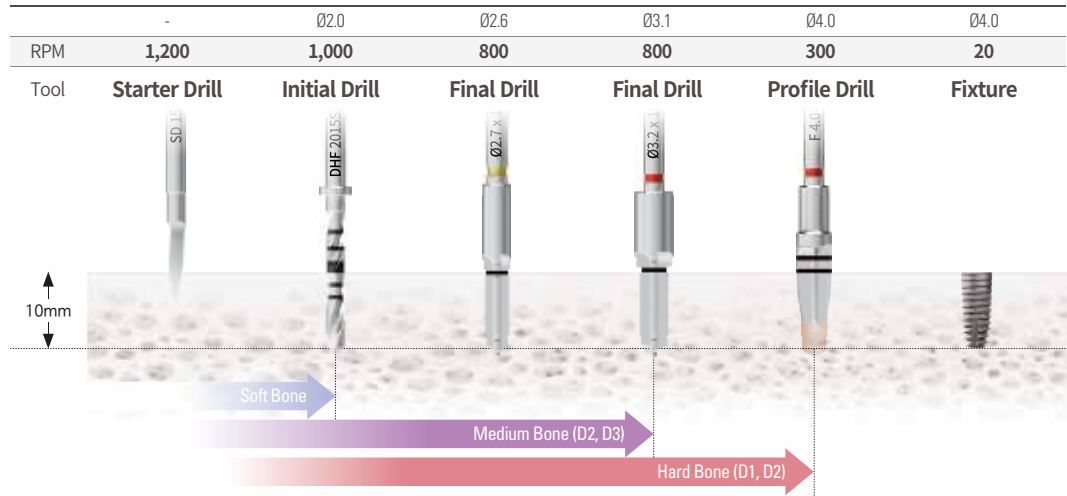


Ø3.8

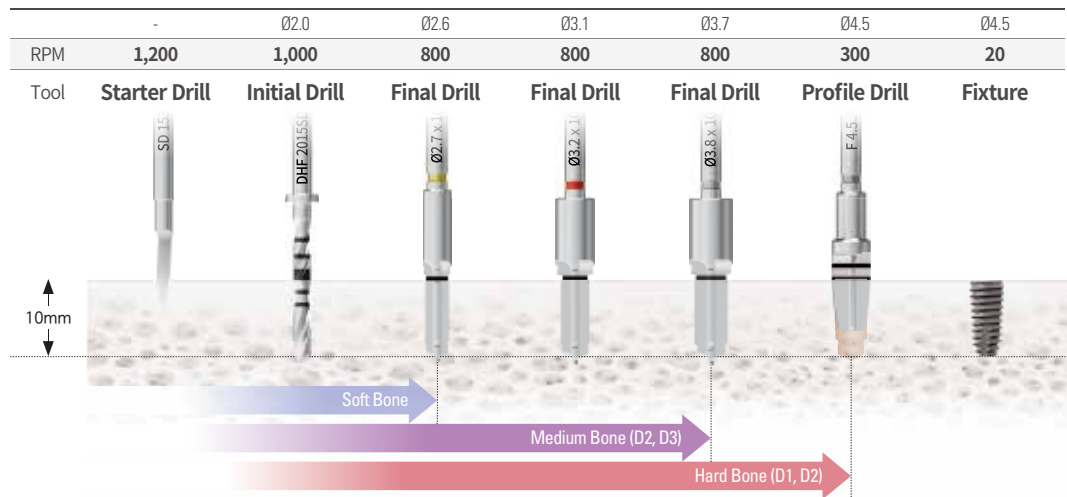
Fixture



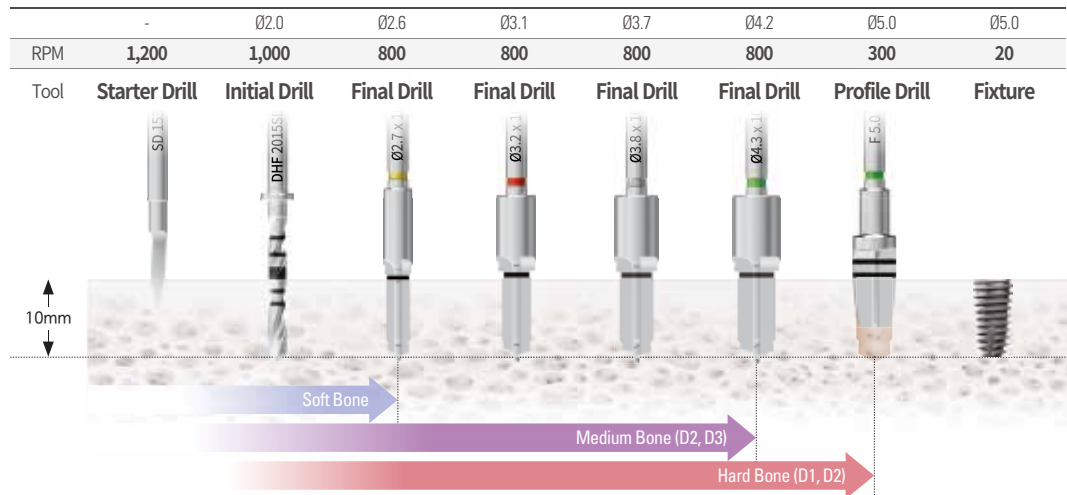
Ø4.0 Fixture



Ø4.5 Fixture

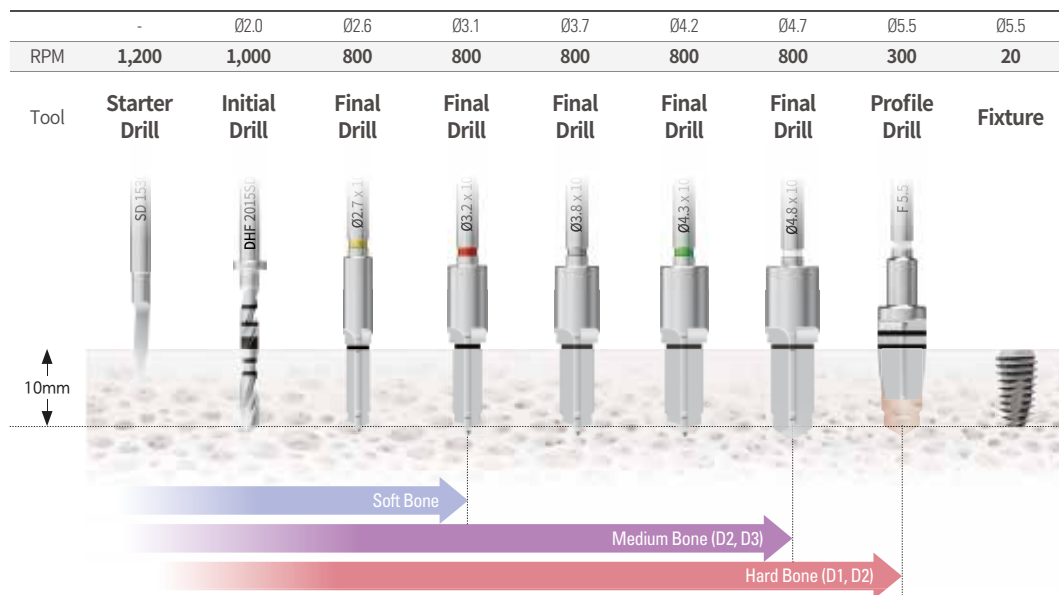


Fixture

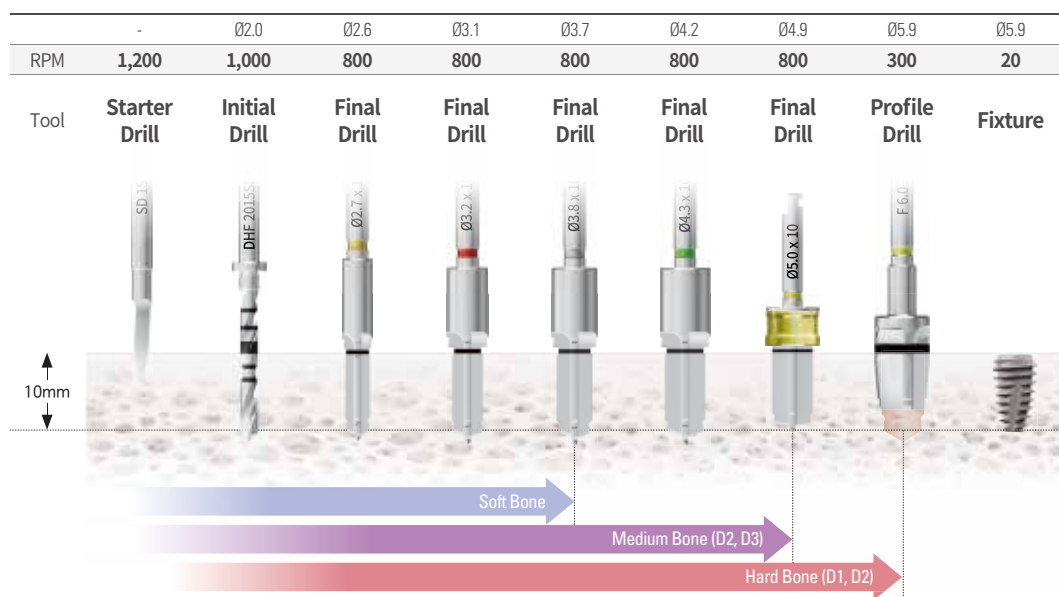


UFIII Fixture Surgical Protocol Kit

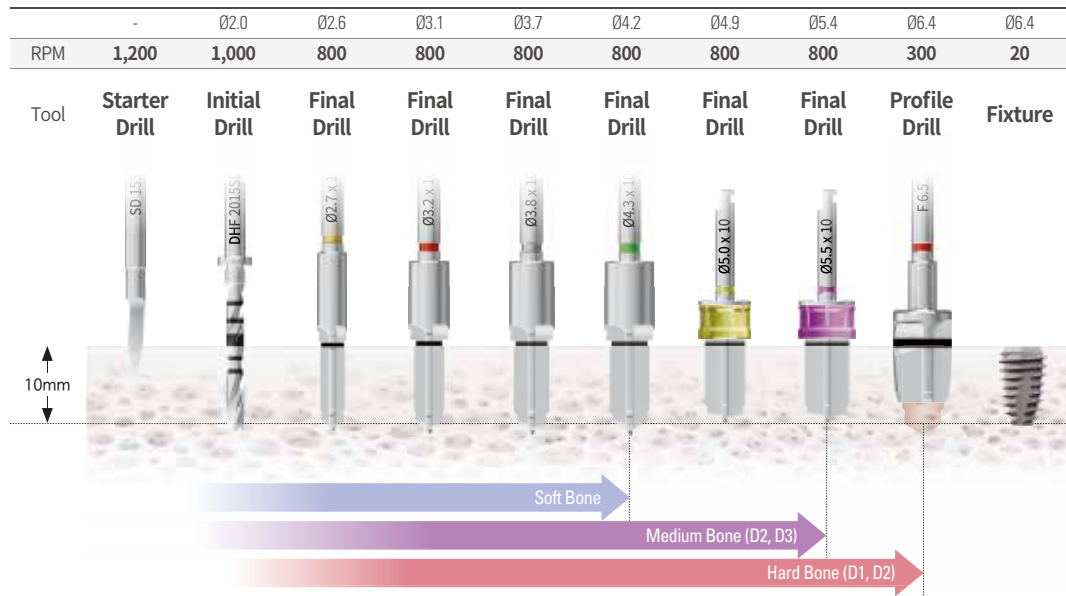
Ø5.5 Fixture



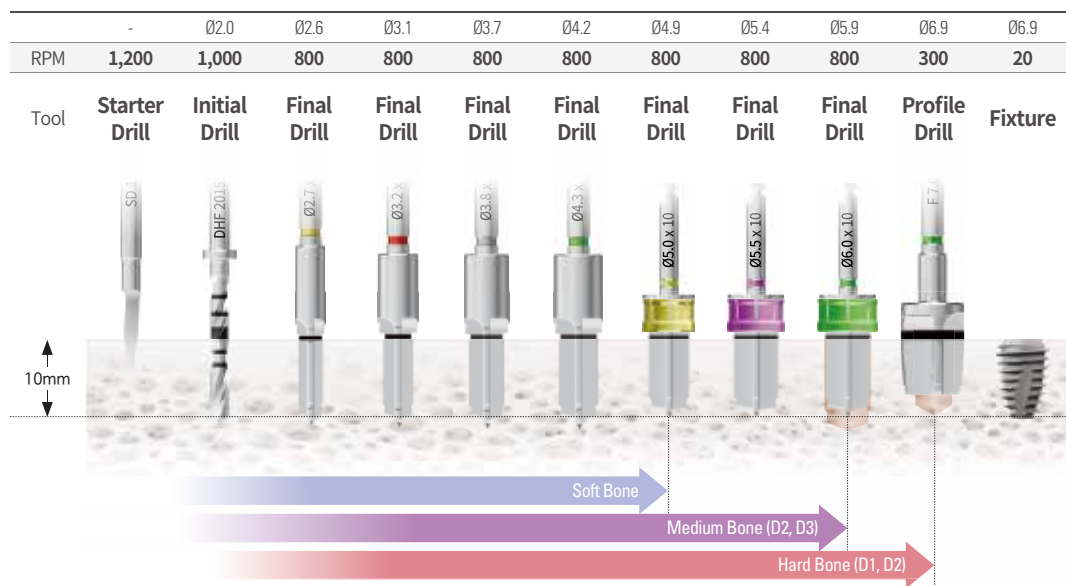
Ø5.9 Fixture



Fixture



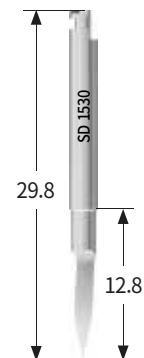
Ø6.9
Fixture



Starter Drill

Used for marking initial implant position

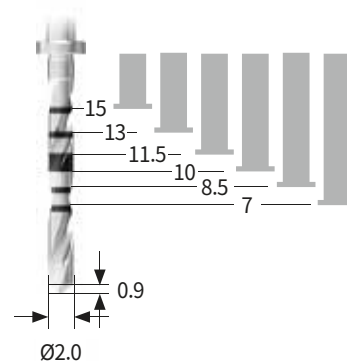
Unit mm	
Diameter	Ø2.0
Code	SD 1530



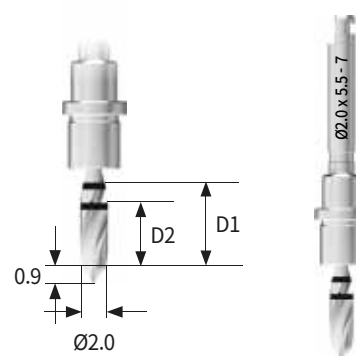
Initial Drill

Used for forming initial drilling hole

Unit mm	
Diameter	Ø2.0
Code	DHF 2015SD



Unit mm			
Diameter	Ø2.0		
D1	7	10	13
D2	5.5	8.5	11.5
	DSU 2007S05	DSU 2010S08	DSU 2013S11



Drill Stopper

Used to control drill placement depth



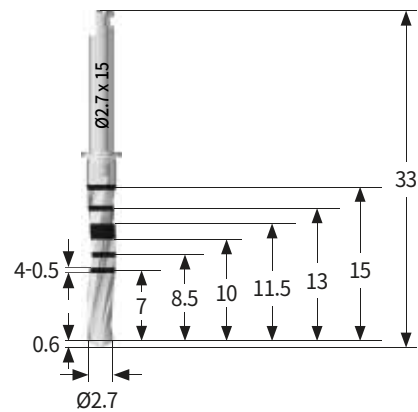
Unit mm							
Diameter	Ø2.0						
Code	ST 2015F	ST 2013F	ST 2011F	ST 2010F	ST 2008F	ST 2007F	ST 2005F

Straight Drill

Used for intermediate drilling before final drilling

Diameter	Ø2.7
Code	SDS 2715BD

Unit mm

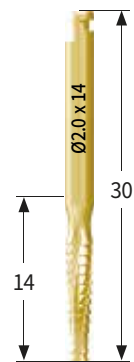


Lindemann Drill

Used for forming initial drilling hole or correcting direction during drilling

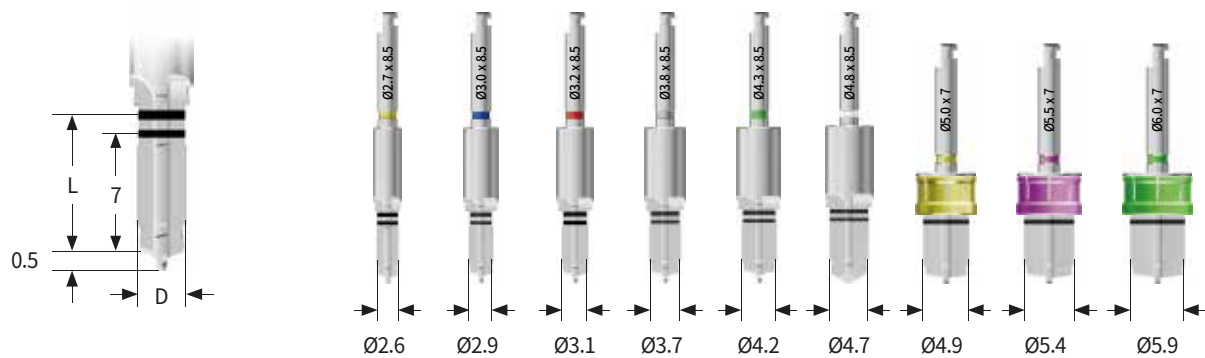
Diameter	Ø2.0
Code	RMH 2014S

Unit mm



Final Drill

Drilling with progressively increasing drill size (diameter) according to implant size



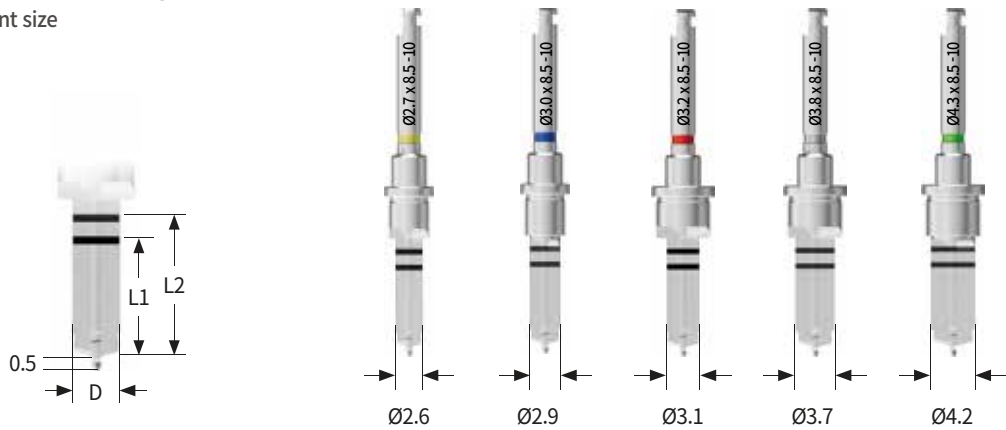
Unit mm

Diameter	Ø2.6	Ø2.9	Ø3.1	Ø3.7	Ø4.2	Ø4.7	Ø4.9	Ø5.4	Ø5.9
Length 7	DSU 2707D	DSU 3007D	DSU 3207D	DSU 3807D	DSU 4307D	DSU 4807D	DSU 5007	DSU 5507	DSU 6007
8.5	DSU 2708D	DSU 3008D	DSU 3208D	DSU 3808D	DSU 4308D	DSU 4808D	DSU 5008	DSU 5508	DSU 6008
10	DSU 2710D	DSU 3010D	DSU 3210D	DSU 3810D	DSU 4310D	DSU 4810D	DSU 5010	DSU 5510	DSU 6010
11.5	DSU 2711D	DSU 3011D	DSU 3211D	DSU 3811D	DSU 4311D	DSU 4811D	DSU 5011	DSU 5511	DSU 6011
13	DSU 2713D	DSU 3013D	DSU 3213D	DSU 3813D	DSU 4313D	DSU 4813D	DSU 5013	DSU 5513	DSU 6013
15	DSU 2715D	DSU 3015D	DSU 3215D	DSU 3815D	DSU 4315D	DSU 4815D	DSU 5015	DSU 5515	DSU 6015
18	DSU 2718D	DSU 3018D	DSU 3218D	DSU 3818D	DSU 4318D	DSU 4818D	-	-	-
Color	Yellow	Blue	Red	Gray	Green	White	Yellow	Purple	Green

Surgical Instruments Kit

Final Drill

Drilling with progressively increasing drill size (diameter) according to implant size



Unit mm

Diameter	Ø2.6	Ø2.9	Ø3.1	Ø3.7	Ø4.2
Length 5.5 / 7	DSU 2707S05	DSU 3007S05	DSU 3207S05	DSU 3807S05	DSU 4307S05
8.5 / 10	DSU 2710S08	DSU 3010S08	DSU 3210S08	DSU 3810S08	DSU 4310S08
11.5 / 13	DSU 2713S11	DSU 3013S11	DSU 3213S11	DSU 3813S11	DSU 4313S11
Color	Yellow	Blue	Red	Gray	Green

Straight Drill Stopper

Dedicated for 5.5mm fixture

- Drill stopper used when placing 5.5mm short implant
- Composed of drill diameters Ø2.0 Ø2.7 Ø3.0 Ø3.2 Ø3.8 Ø4.3 Ø5.5 Ø6.0 Ø6.5



Unit mm

Code	ST 2005F	XST 2705	XST 3005	XST 3205	XST 3805
					
Code	XST 4305	XST 5505	XST 6005	XST 6505	
					

Drill Stopper

Use stopper to control drill length

- Safe drilling possible by applying drill stop (ex: when using 8.5-10mm drill)
 - 8.5mm fixture placement: Use with stopper engaged
 - 10mm fixture placement: Use drill alone

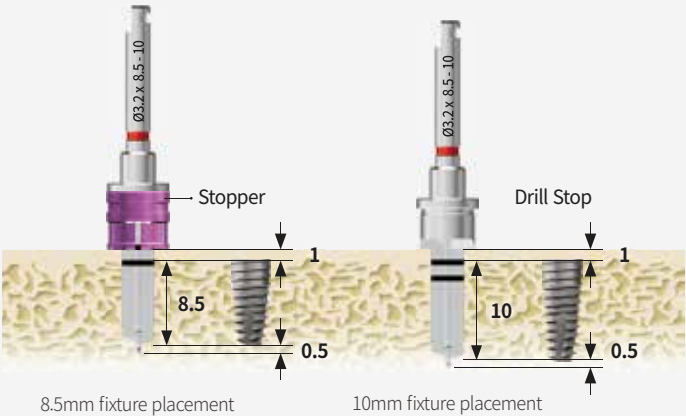


Unit mm

Drill Size		Narrow			Regular		
Diameter	Ø2.0	Ø2.7	Ø3.0	Ø3.2	Ø3.8	Ø4.3	
		USTN 15			USTR 15		
							

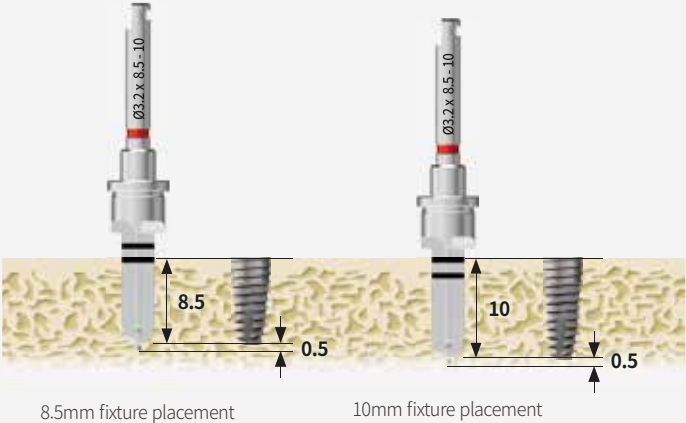
Bone level 1mm submerged placement

Drill until stopped by stop drill



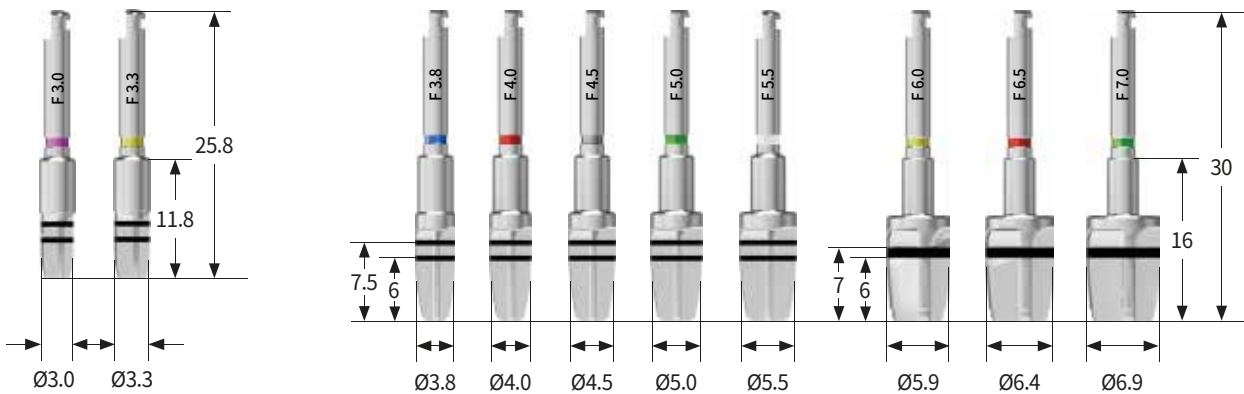
Bone level placement

Drill to laser marking



Profile Drill

Used to expand cortical bone in hard bone like D1 or D2 to prevent excessive torque during fixture placement

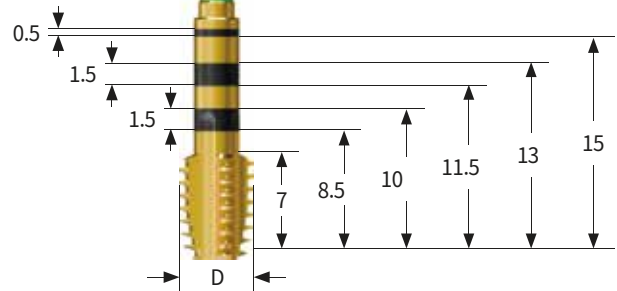


Unit mm

Diameter	Ø3.0	Ø3.3	Ø3.8	Ø4.0	Ø4.5	Ø5.0	Ø5.5	Ø5.9	Ø6.4	Ø6.9
	UPD 3005D	UPD 3305D	UPD 3805D	UPD 4005D	UPD 4505D	UPD 5005D	UPD 5505D	UPD 6010	UPD 6510	UPD 7010
Color	Purple	Yellow	Blue	Red	Gray	Green	White	Yellow	Red	Green

Tap Drill

Used to form threads in bone in hard bone like D1 or D2 to prevent excessive torque during fixture placement



Unit mm

Diameter	Ø3.0	Ø3.3	Ø3.8	Ø4.0	Ø4.5	Ø5.0	Ø5.5	Ø6.0	Ø6.5	Ø7.0
	UNTD 3015	UNTD 3315	UT(II) 3815	UT(II) 4015	UT(II) 4515	UT(II) 5015	UT(II) 5515	UT(II) 6006	UT(II) 6506	UT(II) 7006
Color	Purple	Yellow	Blue	Red	Gray	Green	White	Yellow	Red	Green
										

Parallel Pin

Used by inserting into initial drill or Ø2.7 drill hole to measure drilling direction and occlusal relationship with opposing teeth



Unit mm

Code	PP 1223	PP 1523	PP 2015	PP 2022	PP 2023

Positioning Guide

Used by inserting into initial drill hole to measure drilling direction, occlusal relationship with opposing teeth, and adjacent tooth distance

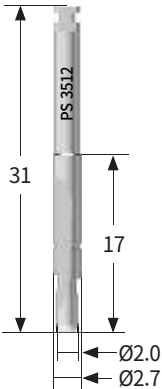


Unit mm

Diameter	Ø2.0
Code	PG 0060

Pilot Drill

Used to help ensure preceding and following drill directions match



Unit mm

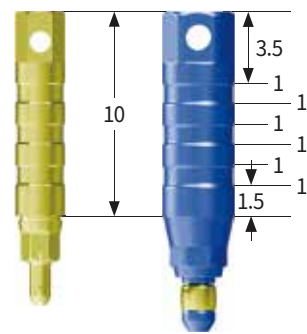
Diameter	Ø2.7
Code	PS 3512

Path Pin

Used by engaging to placed fixture to check path

Unit mm

	Narrow	Regular
Length 10	DPPN 2710	DPP 3512



Angled Path Pin

Used by engaging to placed fixture to check angular path



Unit mm

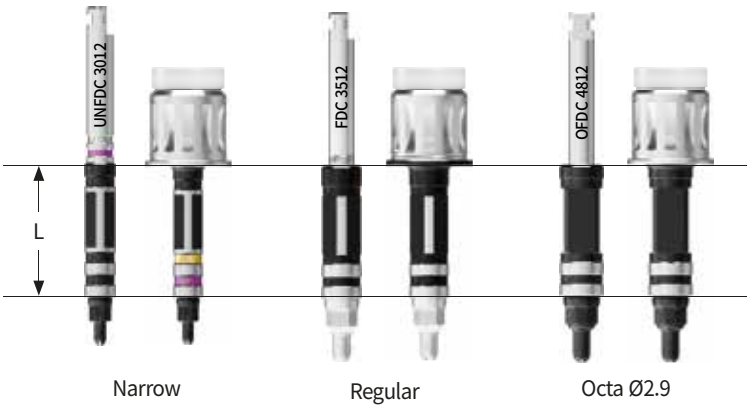
Type	Hex A	Hex B
	DAP 4515A	DAP 4515B



Surgical Instruments Kit

Fixture Driver

- Used to stably extract fixture from packaging for placement



Unit mm

N

Fixture Size		Narrow					
Type	Machine			Ratchet			
Length	6	12	18	6	12	18	
	UNFDC 3006	UNFDC 3012	UNFDC 3018	UNFDW 3006	UNFDW 3012	UNFDW 3018	
							

R

Fixture Size		Regular					
Type	Machine			Ratchet			
Length	6	12	18	6	12	18	
	FDC 3506	FDC 3512	FDC 3518	FDW 3506A	FDW 3512A	FDW 3518A	
							

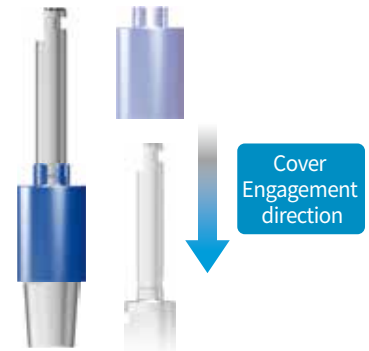
Octa Ø2.9

Type	Machine			Ratchet			
Length	6	12	18	6	12	18	
	OFDC 4806	OFDC 4812	OFDC 4818	OFDW 4806A	OFDW 4812A	OFDW 4818A	
							

Drill Extension Set

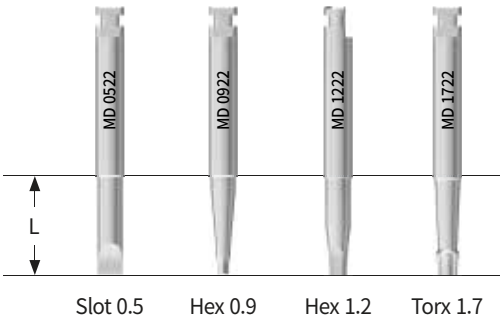
- Extends 15.5mm when engaged to drill, convenient with dedicated cover during irrigation
- Packing Unit : Drill Extension(DE 15) + Cover(DEC 07)

Code	DECS 15
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Screw Driver (Machine)

Used for engaging superstructure prosthetics or screws
※ For implant engine

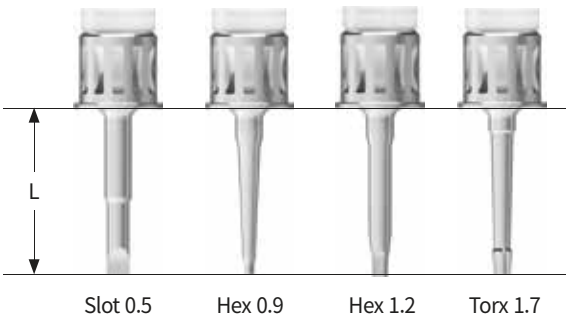


Unit mm

Type	Slot 0.5	Hex 0.9	Hex 1.2	Torx 1.7
Length 5	-	-	-	MD 1719
5.5	-	-	MD 1219	-
8	MD 0522	MD 0922	-	MD 1722
8.5	-	-	MD 1222	-
16	MD 0530	MD 0930	-	MD 1730
16.5	-	-	MD 1230	-
20.5	-	-	MD 1234	-
25.5	-	-	MD 1239	-

Screw Driver (Ratchet)

Used for engaging superstructure prosthetics or screws
※ Hand, for wrench

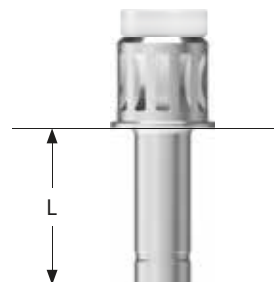


Unit mm

Type	Slot 0.5	Hex 0.9	Hex 1.2	Torx 1.7
Length 5	-	-	HD 1205A	HD 1705A
10	HD 0510A	HD 0910A	HD 1210A	HD 1710A
15	HD 0515A	HD 0915A	HD 1215A	HD 1715A
20	-	HD 0920A	HD 1220A	HD 1720A
25	-	-	HD 1225A	HD 1725A
30	-	-	HD 1230A	HD 1730A

Abutment Driver

Surgical instrument used when engaging abutment to fixture



Unit mm

Type	Solid Driver (For narrow)	Solid Driver	Excellent Solid Driver	Ball Driver	Octa Driver
Length 6	UNHDS 4006A	HD 3506A	HD 4306A	HD 2406A	HD 3006A
12	UNHDS 4012A	HD 3512A	HD 4312A	HD 2412A	HD 3012A



Type	Multi-unit Driver		Multi-unit Angled Driver	
	Ratchet	Ratchet	Ratchet	Machined
Length 6	HD 2006A	HD 3306A	-	-
11	-	-	-	MMD 1224
12	HD 2012A	HD 3312A	-	-
15	-	-	MHD 1215A	-



Angled Torque Driver

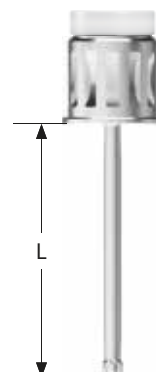
Surgical instrument used when engaging torx screws

- When recommended torque is exceeded, the designated fracture point breaks first to protect the engagement section

※Recommended torque: 30~30Ncm

Unit mm

Fixture Size		Regular		
Diameter		1.7		
Length		12	15	20
		ATD 1712	ATD 1715	ATD 1720

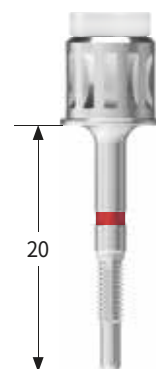


Abutment Removing Driver

Instrument used when abutment hex section connected to intraorally placed fixture is fractured and needs removal

Unit mm

Code	HARD 21520A
------	-------------



Trephine Drill

Used for autogenous bone harvesting or failed fixture removal

- For hard bone quality or well-osseointegrated cases, fixture removal possible with universal driver after partial cortical bone removal of 2~3mm with trephine drill



Unit mm

Narrow			Regular			
Diameter 1	Ø3.2	Ø3.7	Ø3.9	Ø4.0	Ø4.3	Ø4.4
2	Ø4.0	Ø4.5	Ø4.7	Ø4.8	Ø5.1	Ø5.2
	TRD 4032	TRD 4537	TRD 4739	TRD 4840	TRD 5143	TRD 5244

Regular						
Diameter 1	Ø4.7	Ø4.9	Ø5.0	Ø5.5	Ø6.2	Ø6.7
2	Ø5.5	Ø5.7	Ø5.8	Ø6.3	Ø7.0	Ø7.5
	TRD 5547	TRD 5749	TRD 5850	TRD 6355	TRD 7062	TRD 7567

Torque Wrench

Used for controlling implant placement position and tightening abutments, screws, etc

- Pull bar and align to line indicating desired torque value to apply torque



Code	DTW 0060
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Angled Torque Driver

Used for measuring drilling hole depth



Code	DPG 2050
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Open Wrench

Used for mount separation when bone quality is weak

- 30° neck angle provides convenience during intraoral insertion



Code	OW 004
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03

DIO NAVI Kits

- 132** DIO NAVI Master S Kit (UF 77)
- 133** DIO NAVI Narrow Kit (UF 14)
- 134** DIO NAVI Wide Kit (UF 11)
- 135** DIO NAVI Starter Kit (UFST 01)
- 154** DIO NAVI Flapless Crestal Sinus Kit (SMK 02)
- 158** DIO NAVI Special Kit (SGF 02)

DIO NAVI Master S Kit (UF 77) Kit

UFII / UFIII Ø3.8~Ø5.0 fixture dedicated DIO NAVI procedure kit

- Basic offset standard 9mm design
- Guide Sleeve : GS 53BL



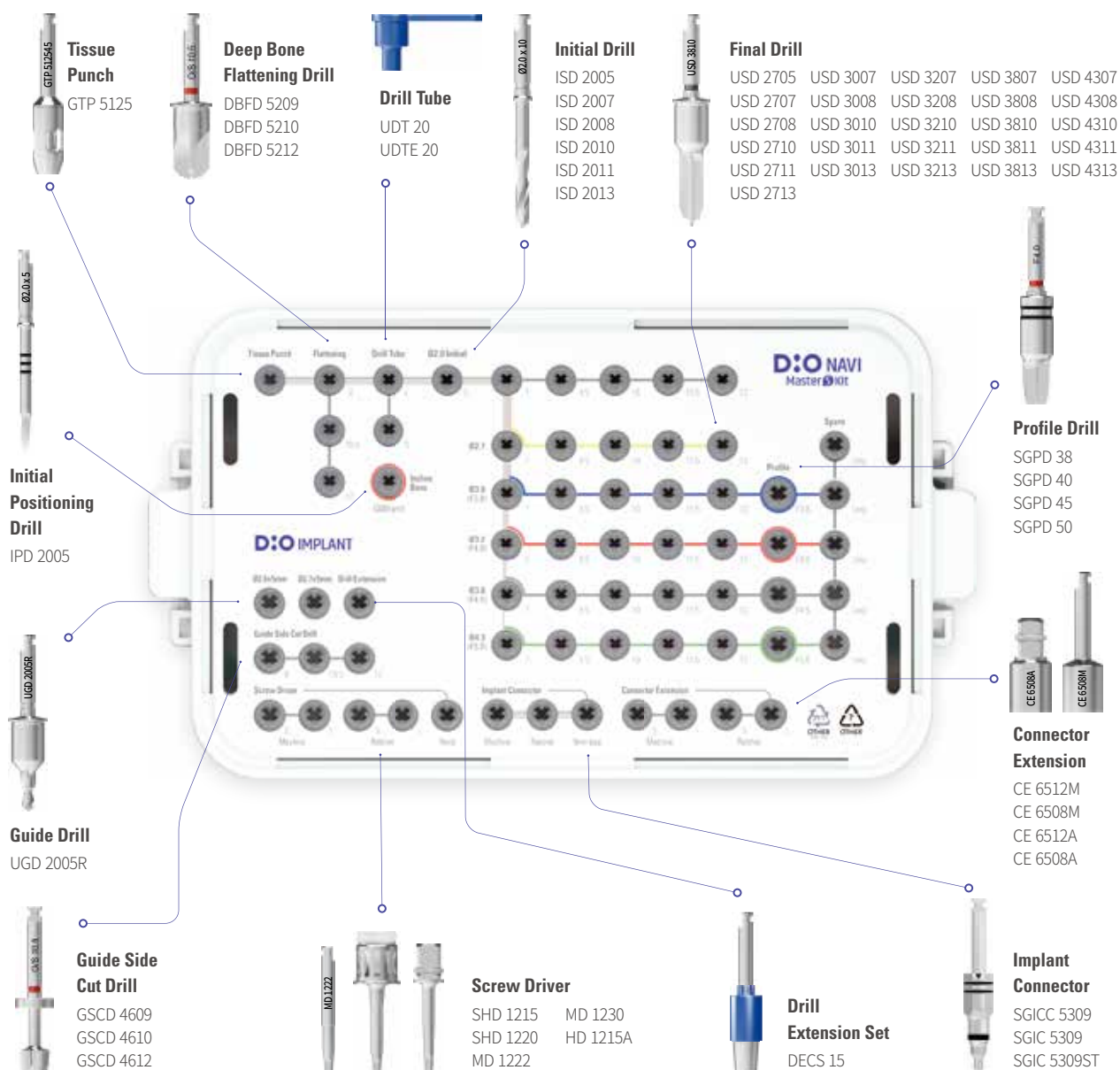
Master S Kit
Introduction
video

Torque Wrench

DTW 0080



*Bottom Panel Components



DIO NAVI Narrow Kit (UF 14) Kit

Ver.D

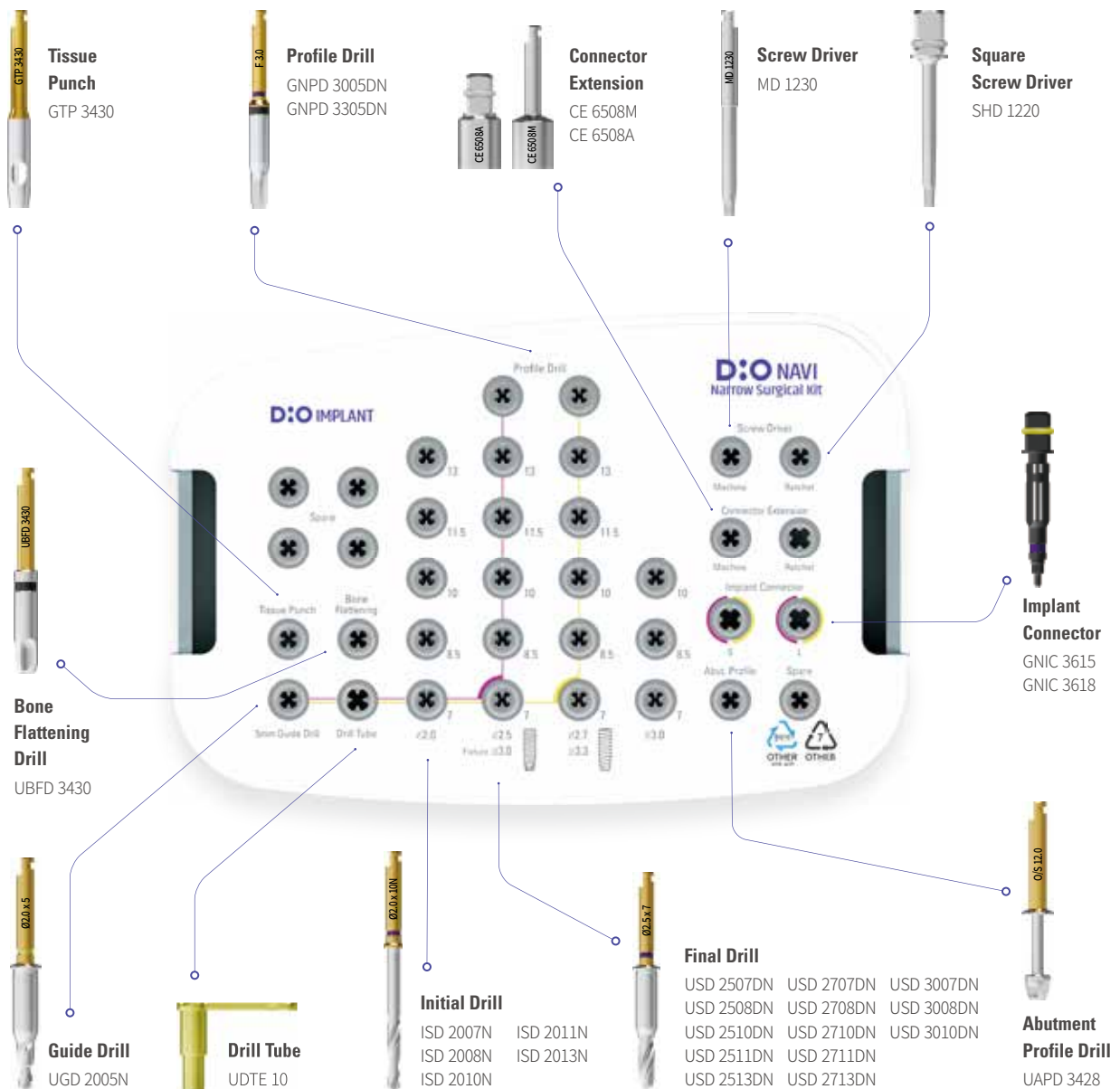
: UFII / UFIII Ø3.0~Ø3.3 fixture dedicated DIO NAVI procedure kit

- Guide Sleeve : GSL 36YE, GS 36YE

Torque Wrench
DTW 0080



*Bottom Panel Components



DIO NAVI Wide Kit (UF 11) Kit

Ver.H

UFII / UFIII Ø5.5~Ø6.4 fixture dedicated DIO NAVI procedure kit

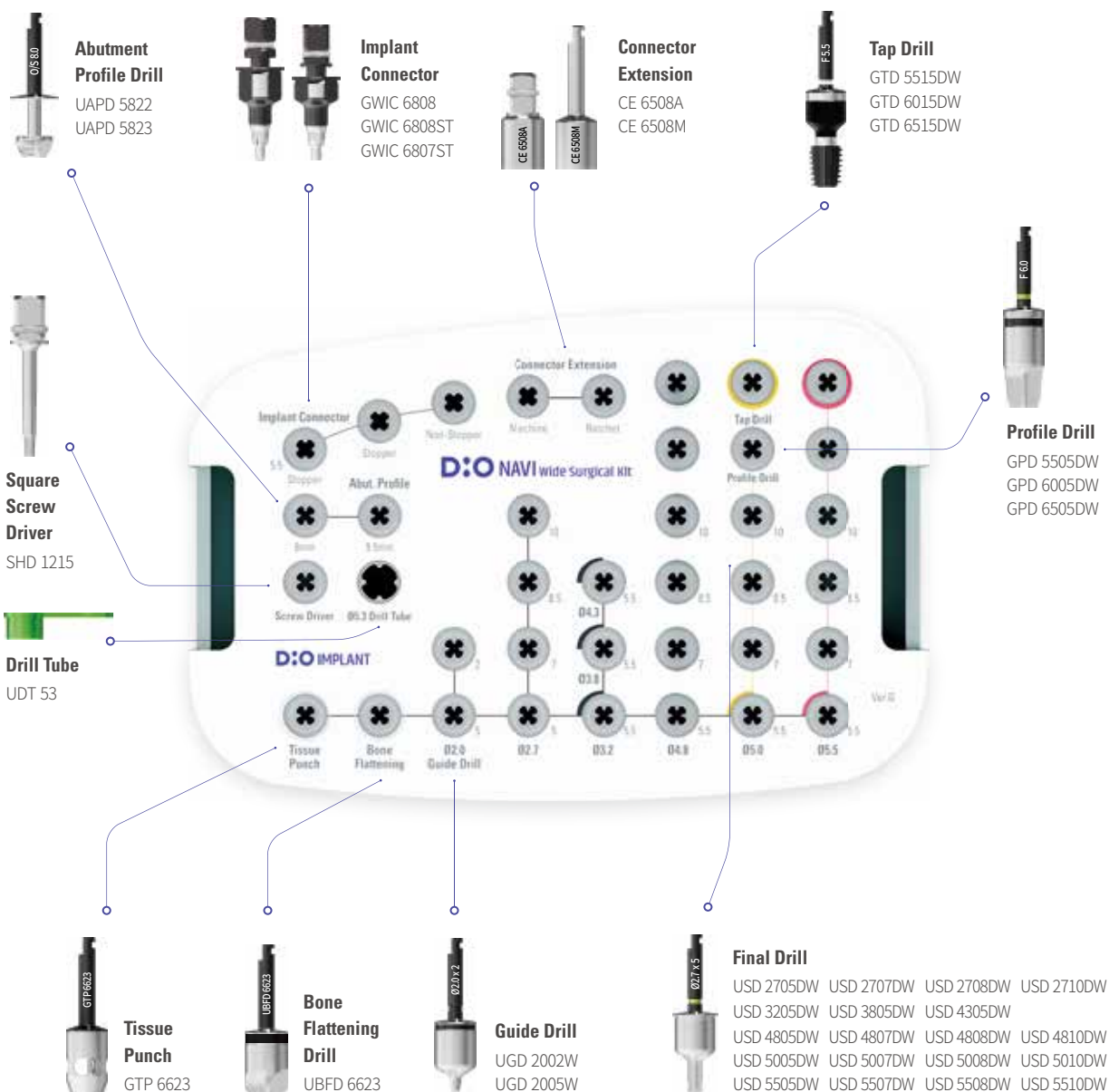
- Basic offset standard 8.0mm design
- Guide Sleeve : GS 68GN

Torque Wrench

DTW 0080



*Bottom Panel Components



DIO NAVI Starter Kit (UFST 01) Kit

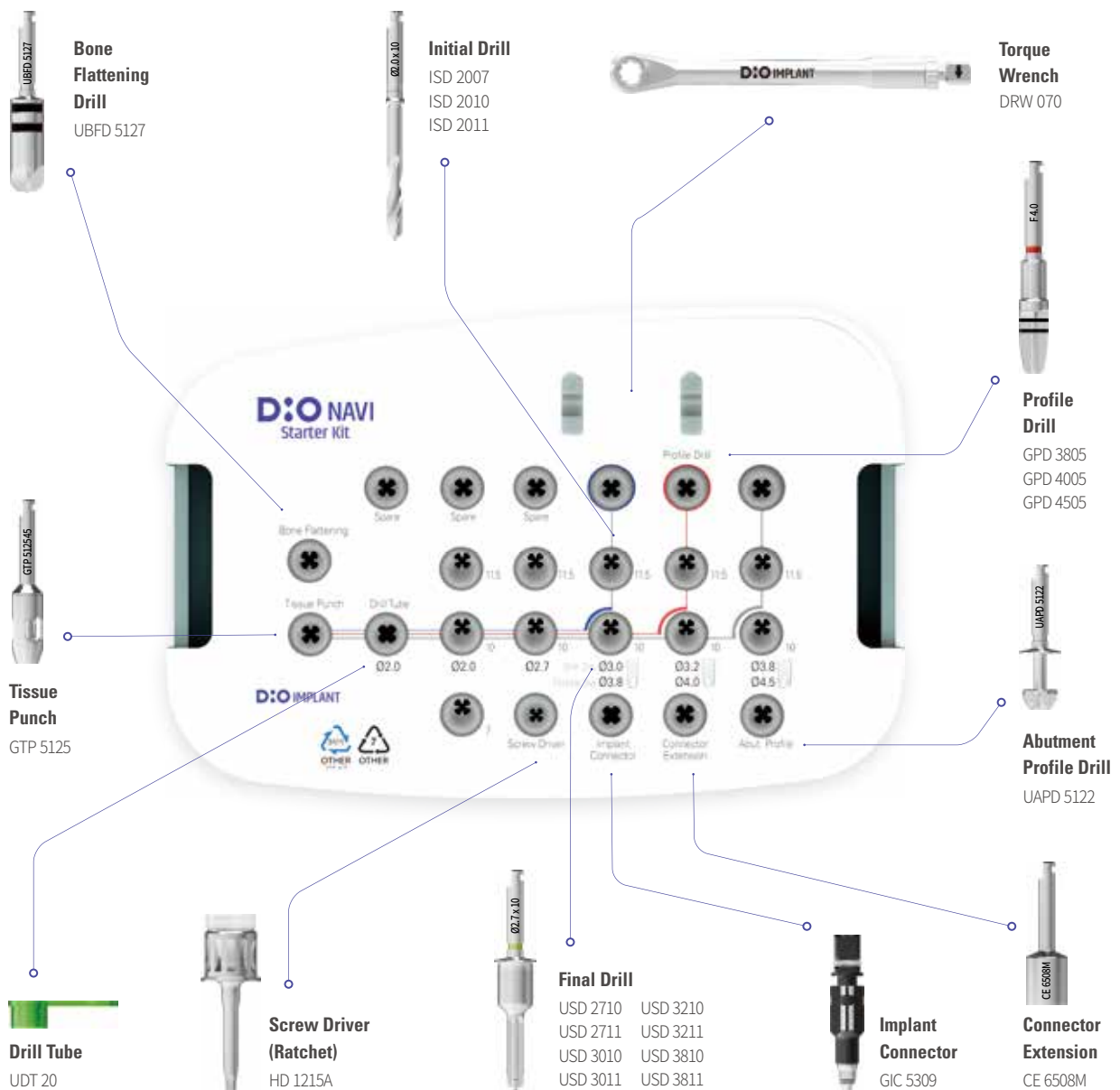
Ver.C

135

DIO NAVI Kits DIO NAVI Kits

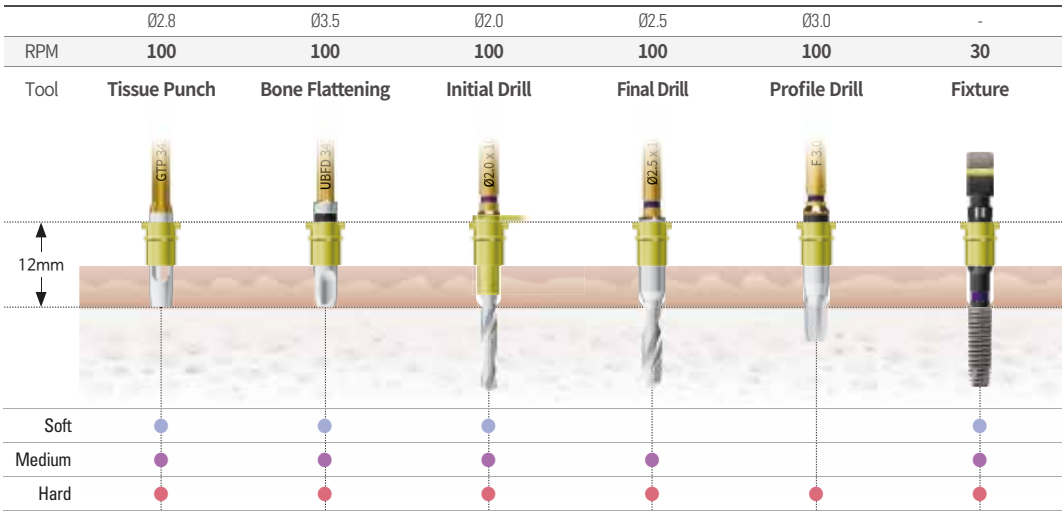
UFII / UFIII Ø3.8~Ø4.5 fixture dedicated DIO NAVI procedure kit

- Basic offset standard 9.0mm design
- Guide Sleeve : GS 53BL

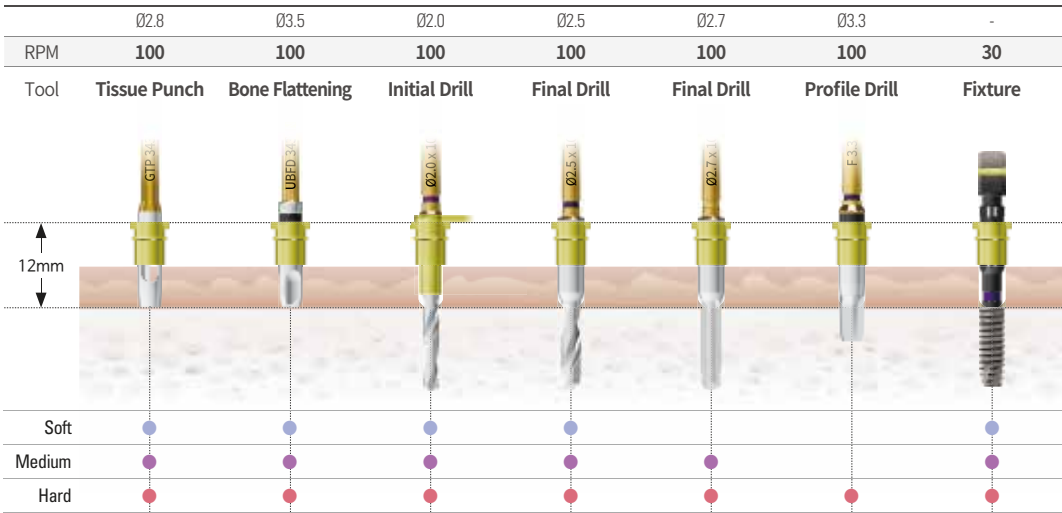


UF(II) Fixture DIO NAVI Surgical Protocol Kit

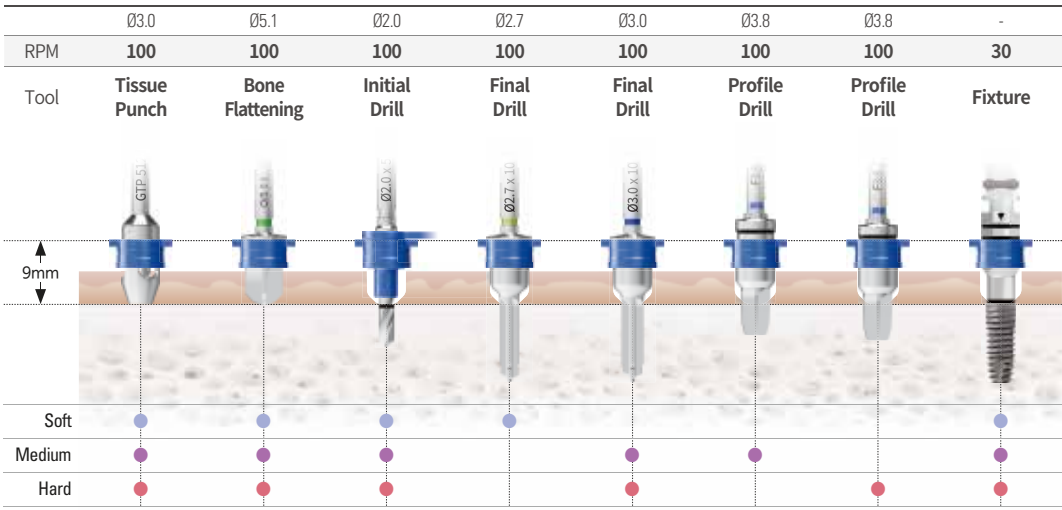
Ø3.0 Fixture



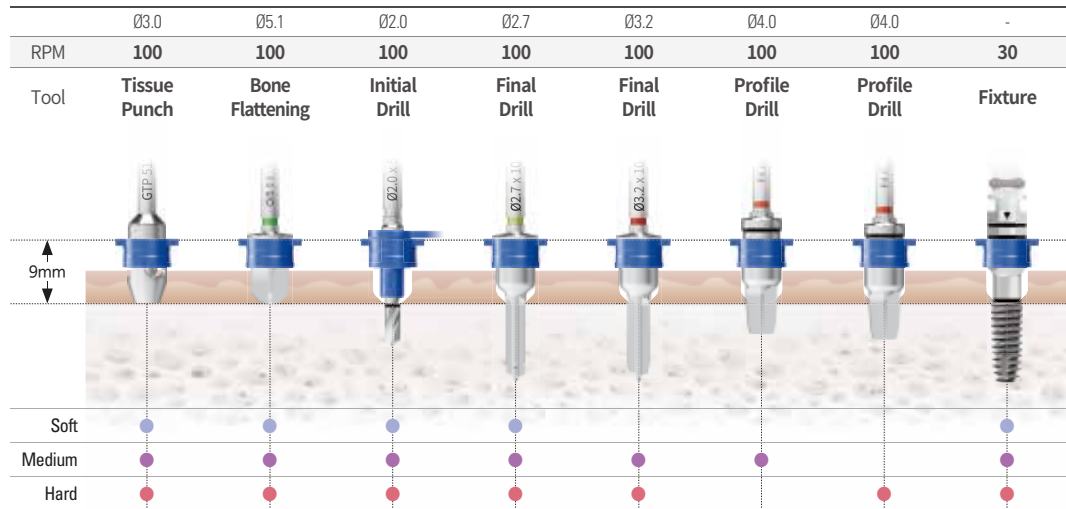
Ø3.3 Fixture



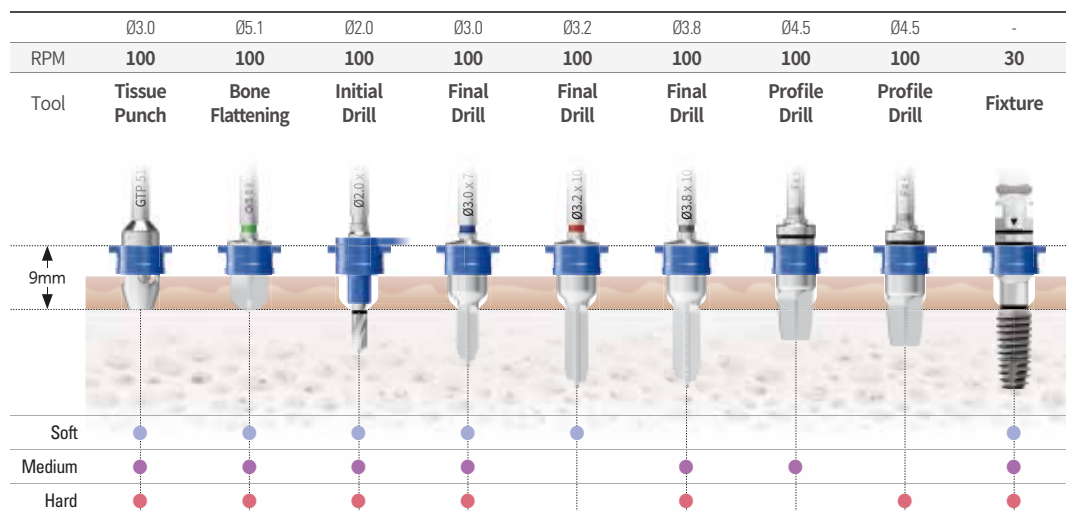
Ø3.8 Fixture



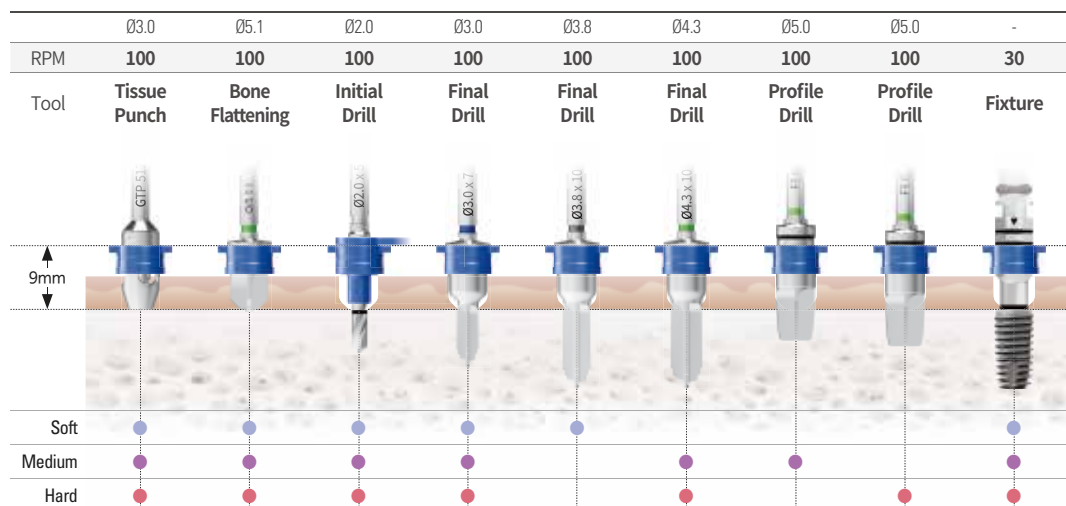
Ø4.0 Fixture



Ø4.5 Fixture



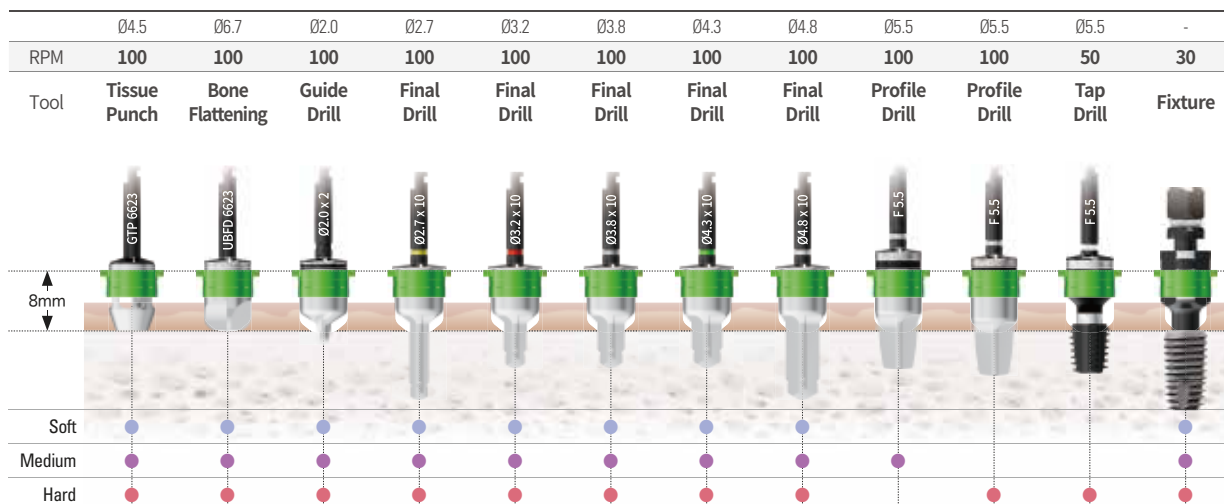
Ø5.0 Fixture



UF(II) Fixture DIO NAVI Surgical Protocol Kit

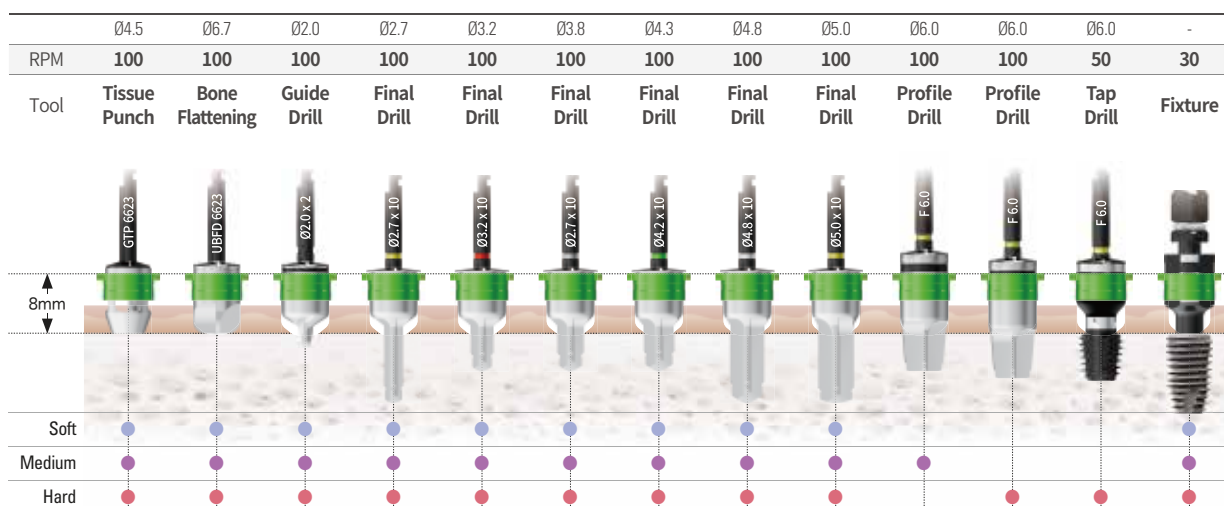
Ø5.5

Fixture

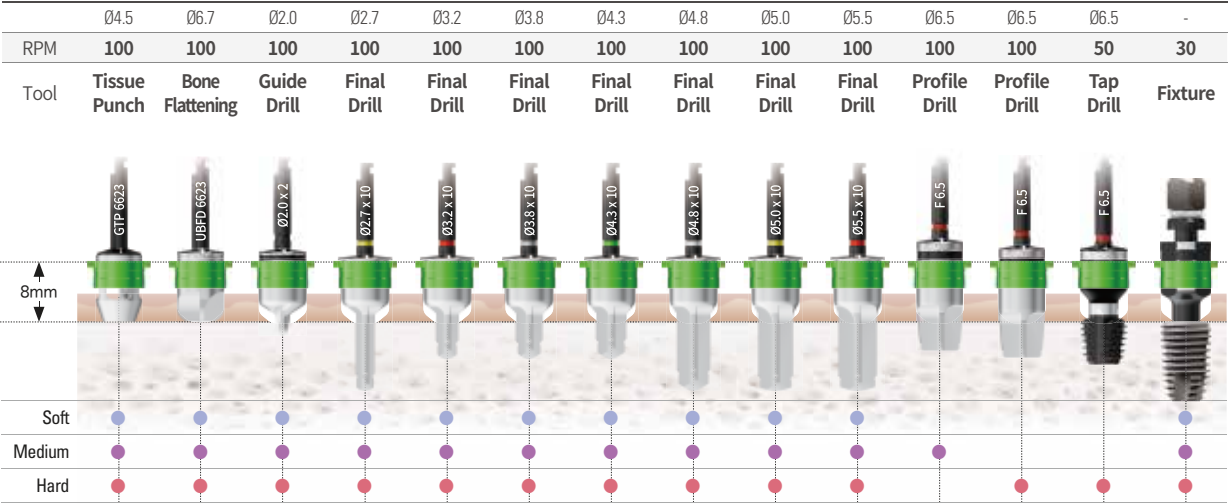


Ø6.0

Fixture

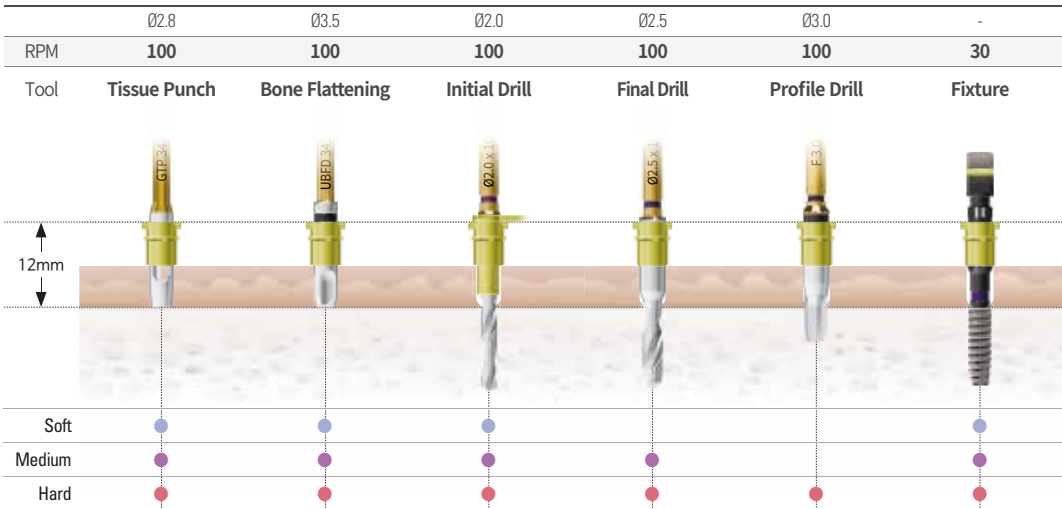


Ø6.5
Fixture

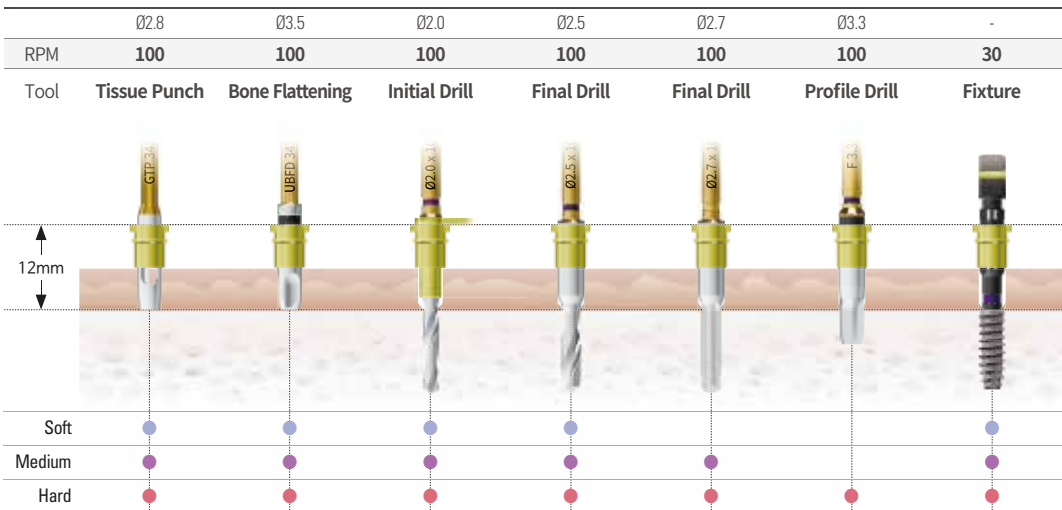


UFIII Fixture DIO NAVI Surgical Protocol Kit

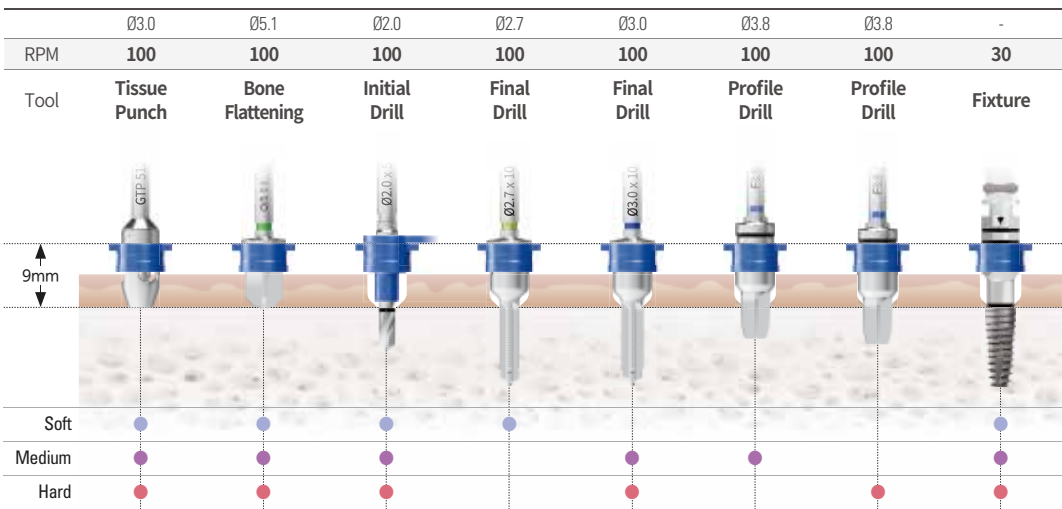
Ø3.0 Fixture



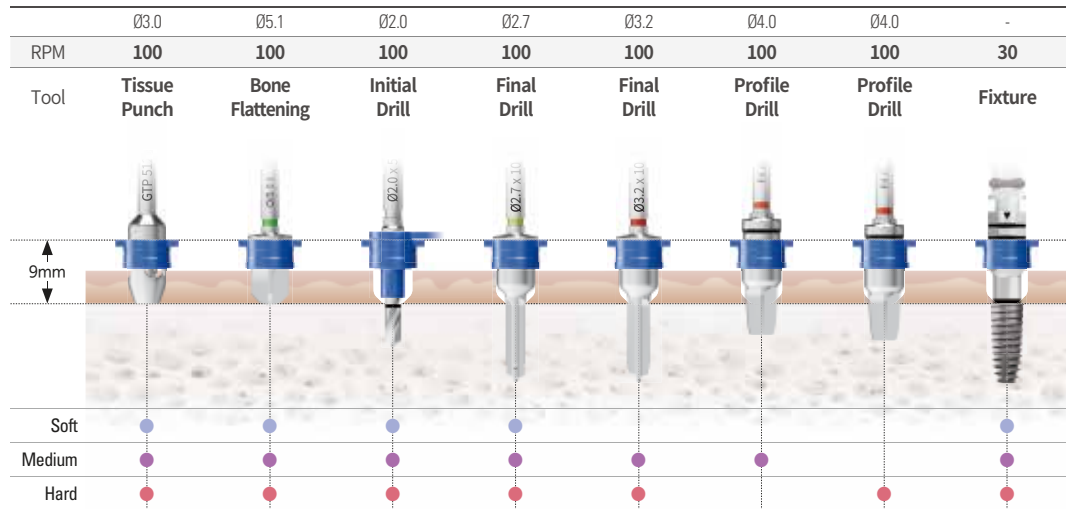
Ø3.3 Fixture



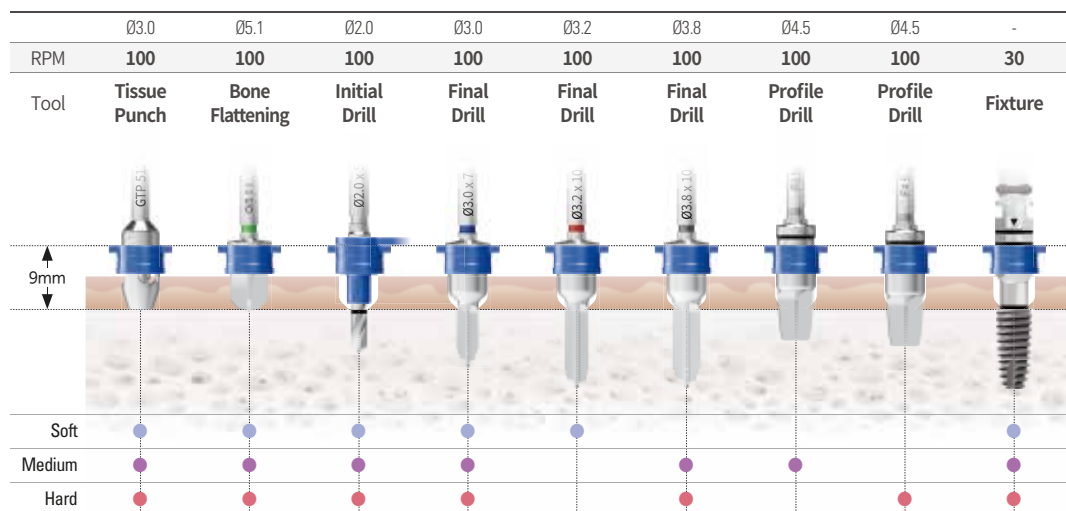
Ø3.8 Fixture



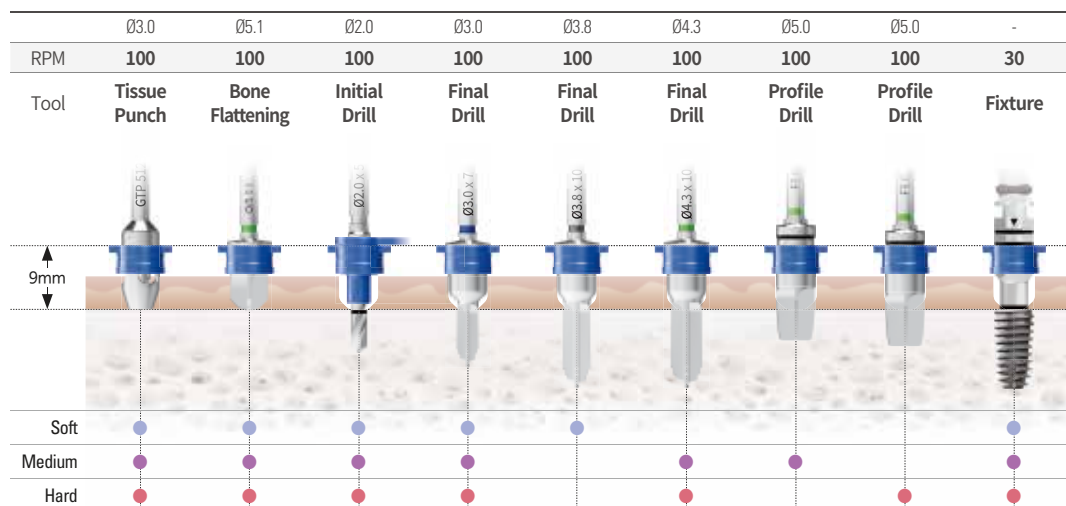
Ø4.0 Fixture



Ø4.5 Fixture



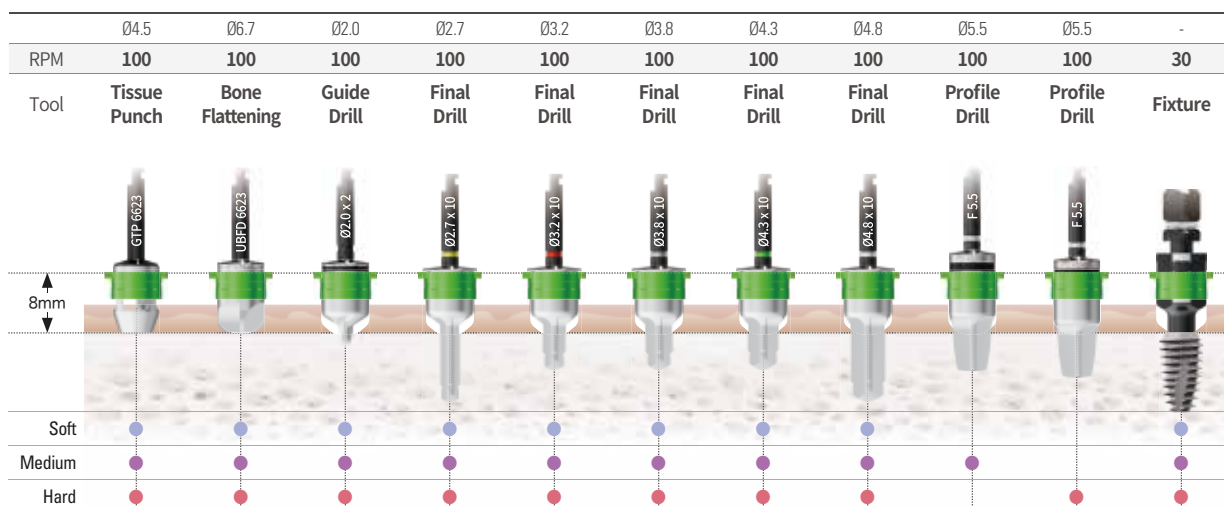
Ø5.0 Fixture



UFIII Fixture DIO NAVI Surgical Protocol Kit

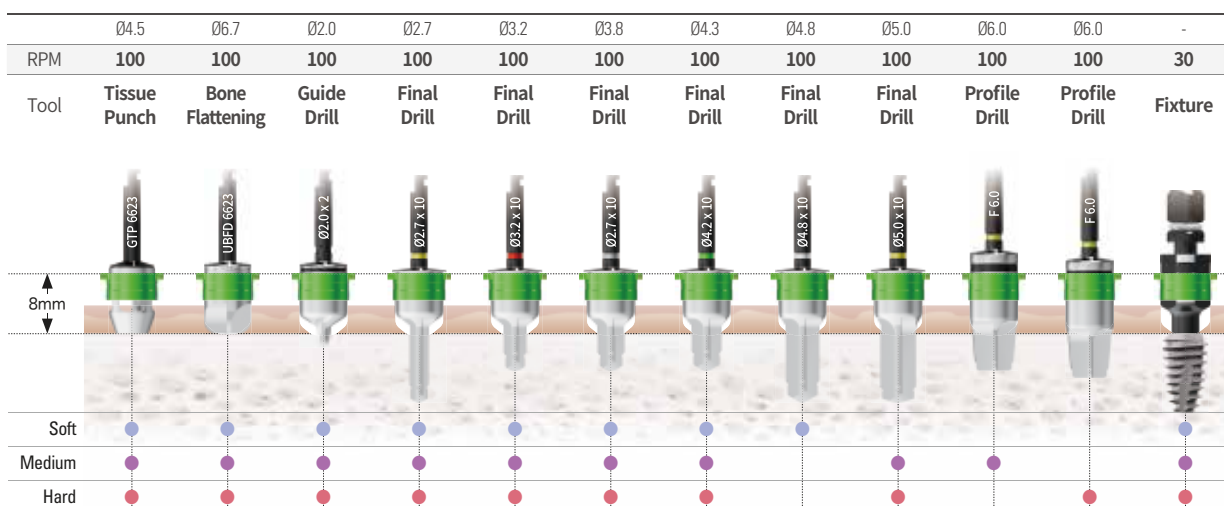
Ø5.5

Fixture

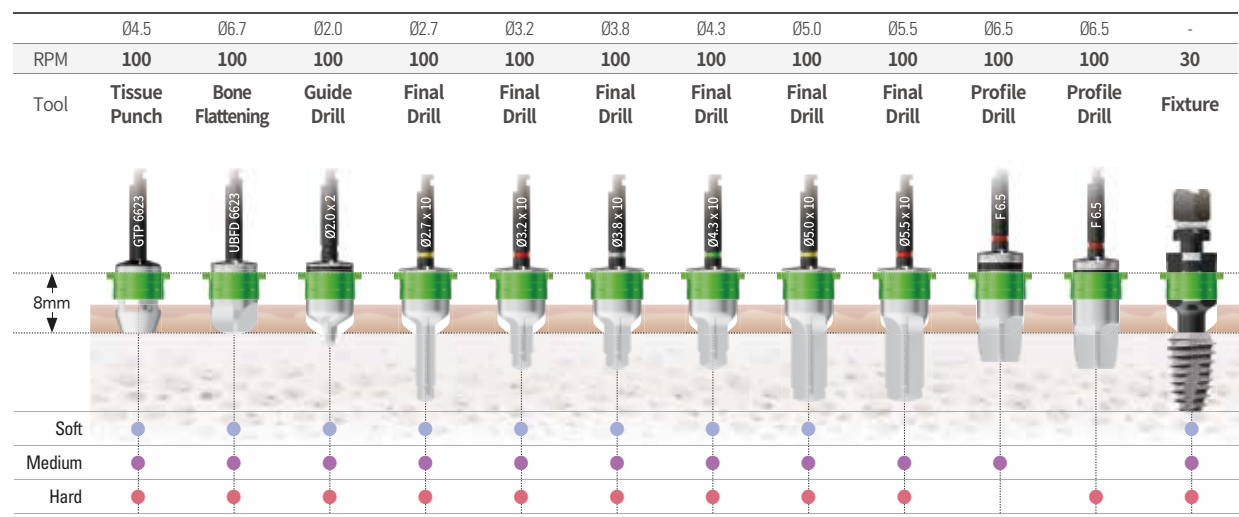


Ø6.0

Fixture



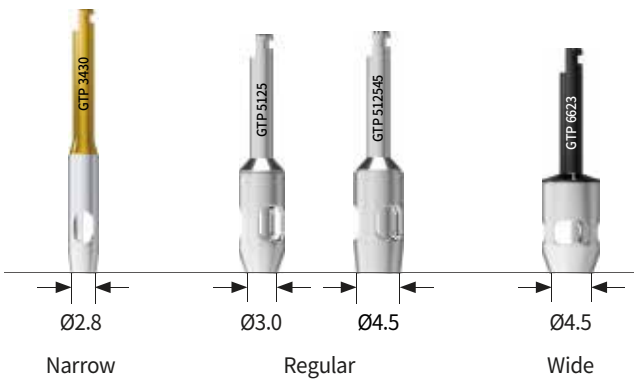
Ø6.5 Fixture



Surgical Instruments Kit

Tissue Punch

Incise gingiva at implant placement site and remove gingival tissue
 ※ Recommended rpm : 100

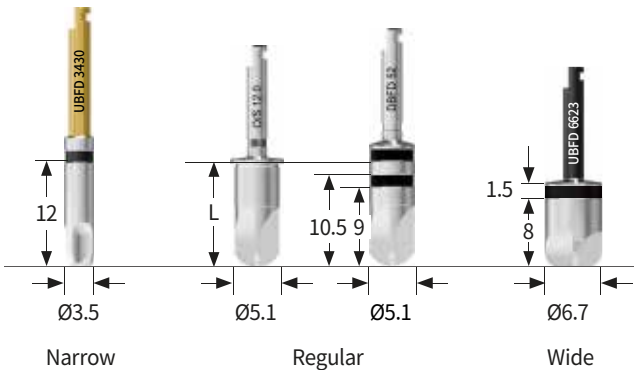


Unit mm

Type	Narrow	Regular		Wide
Diameter	Ø2.8	Ø3.0	Ø4.5	Ø4.5
	GTP 3430	GTP 5125	GTP 512545	GTP 6623

Bone Flattening Drill

Flatten irregular and sloped alveolar bone surface and remove bone to depth where peri-implant bone is secured in narrowed alveolar bone
 ※ Recommended rpm : 100

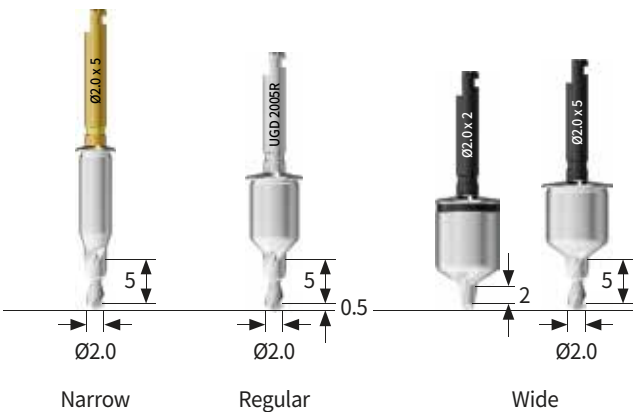


Unit mm

Type	Narrow	Regular				Wide
Diameter	Ø3.5	Ø5.1				Ø6.7
Length	12	9	10.5	12	12	8
	UBFD 3430	DBFD 5209	DBFD 5210	DBFD 5212	DBFD 52	UBFD 6623

Guide Drill

Initial drill used without drill tube when mouth opening is limited, only 5mm drilling possible
 ※ Recommended rpm : 100



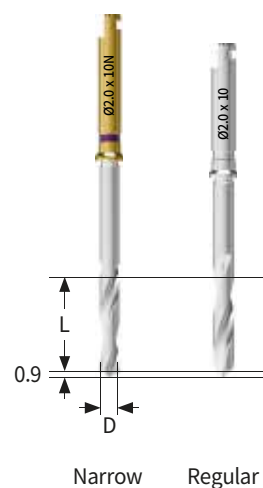
Unit mm

Type	Narrow	Regular	Wide	
Diameter	Ø2.0	Ø2.0	Ø2.0	
	UGD 2005N	UGD 2005R	UGD 2002W	UGD 2005W

Initial Drill

Secure accurate position and direction of initial drilling hole

※ Recommended rpm : 100



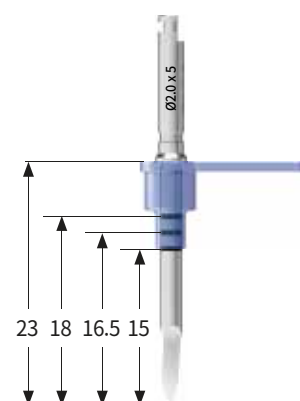
Unit mm

Diameter	Ø2.0										
Length	5	7	8.5	10	11.5	13	15	16	17	18	19
Narrow		ISD 2007N	ISD 2008N	ISD 2010N	ISD 2011N	ISD 2013N	ISD 2015N	ISD 2016N	ISD 2017N	ISD 2018N	ISD 2019N
Regular	ISD 2005	ISD 2007	ISD 2008	ISD 2010	ISD 2011	ISD 2013	ISD 2015	ISD 2016	-	ISD 2018	-

Initial Positioning Drill

Selectively used for excessively sloped bone
(immediate placement after extraction)

※ Recommended rpm: 300 or higher (irrigation and drill tube use required)



Unit mm

Diameter	Ø2.0
Type	Regular
Length 10	IPD 2005

Drill Tube

Used for drilling initial drill without vibration

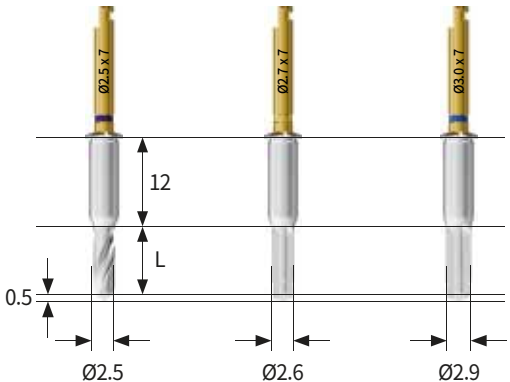


Unit mm

Type	Narrow	Regular			Wide
Diameter	Ø2.0	Ø2.0			Ø2.0
Length	11	6	8	11	4
	UDTE 10	UDT 20	UDTE 20	UDTL 20	UDT 53
Color	Yellow	Blue			Green

Final Drill (Narrow)

Drilling with progressively increasing drill size (diameter) according to implant size, following the pathway of preceding drill without using drill tube



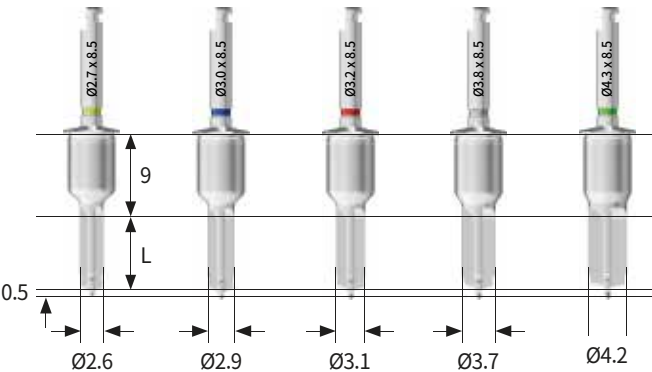
Unit mm

N

Narrow			
Diameter	Ø2.5	Ø2.6	Ø2.9
Length 7	USD 2507DN	USD 2707DN	USD 3007DN
8.5	USD 2508DN	USD 2708DN	USD 3008DN
10	USD 2510DN	USD 2710DN	USD 3010DN
11.5	USD 2511DN	USD 2711DN	USD 3011DN
13	USD 2513DN	USD 2713DN	USD 3013DN
15	USD 2515DN	USD 2715DN	USD 3015DN
16	USD 2516DN	USD 2716DN	USD 3016DN
17	USD 2517DN	USD 2717DN	USD 3017DN
18	USD 2518DN	-	-
19	USD 2519DN	USD 2719DN	USD 3019DN
Color	Purple	Yellow	Blue

Final Drill (Regular)

Drilling with progressively increasing drill size (diameter) according to implant size, following the pathway of preceding drill without using drill tube



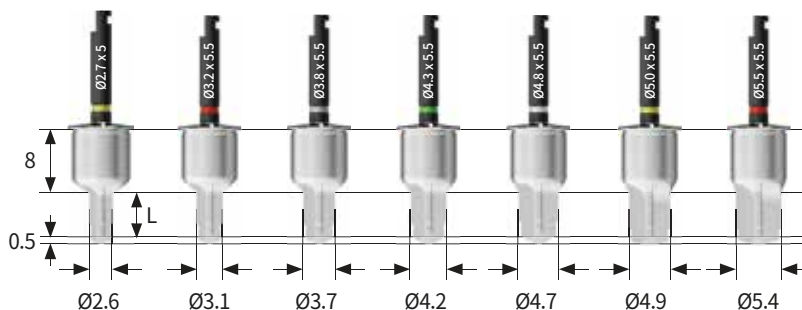
Unit mm

R

Regular					
Diameter	Ø2.6	Ø2.9	Ø3.1	Ø3.7	Ø4.2
Length 5	USD 2705	USD 3005	USD 3205	USD 3805	USD 4305
7	USD 2707	USD 3007	USD 3207	USD 3807	USD 4307
8.5	USD 2708	USD 3008	USD 3208	USD 3808	USD 4308
10	USD 2710	USD 3010	USD 3210	USD 3810	USD 4310
11.5	USD 2711	USD 3011	USD 3211	USD 3811	USD 4311
13	USD 2713	USD 3013	USD 3213	USD 3813	USD 4313
15	USD 2715	USD 3015	USD 3215	USD 3815	USD 4315
Color	Yellow	Blue	Red	Gray	Green

Final Drill (Wide)

Drilling with progressively increasing drill size (diameter) according to implant size, following the pathway of preceding drill without using drill tube



Unit mm

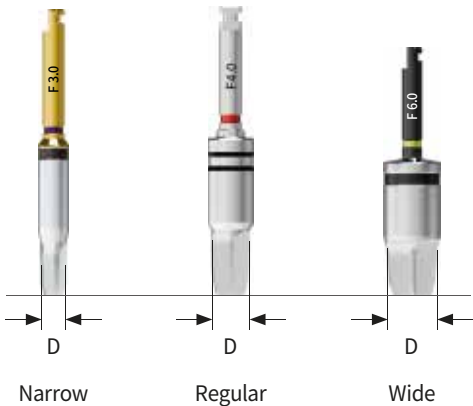
W

Wide							
Diameter	Ø2.6	Ø3.1	Ø3.7	Ø4.2	Ø4.7	Ø4.9	Ø5.4
Length 5.5	USD 2705DW	USD 3205DW	USD 3805DW	USD 4305DW	USD 4805DW	USD 5005DW	USD 5505DW
7	USD 2707DW	USD 3207DW	USD 3807DW	USD 4307DW	USD 4807DW	USD 5007DW	USD 5507DW
8.5	USD 2708DW	-	-	-	USD 4808DW	USD 5008DW	USD 5508DW
10	USD 2710DW	-	-	-	USD 4810DW	USD 5010DW	USD 5510DW
Color	Yellow	Red	Gray	Green	White	Yellow	Red

Surgical Instruments Kit

Profile Drill

Used to expand cortical bone in hard bone like D1 or D2 to prevent excessive torque during fixture placement
※ Recommended rpm : 100

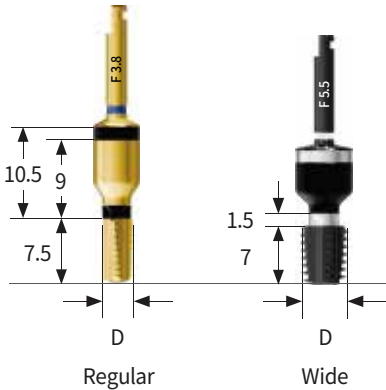


Unit mm

Type	Narrow		Regular				Wide		
Diameter	Ø2.9	Ø3.2	Ø3.8	Ø4.0	Ø4.5	Ø5.0	Ø5.5	Ø5.9	Ø6.4
	GNPD 3005DN	GNPD 3305DN	SGPD 38	SGPD 40	SGPD 45	SGPD 50	GPD 5505DW	GPD 6005DW	GPD 6505DW
Color	Purple	Yellow	Blue	Red	Gray	Green	White	Yellow	Red

Tap Drill

Used to expand cortical bone in hard bone like D1 or D2 to prevent excessive torque during fixture placement



Unit mm

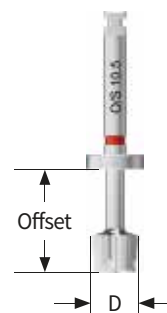
Type	Regular				Wide		
Diameter	Ø3.8	Ø4.0	Ø4.5	Ø5.0	Ø5.5	Ø5.9	Ø6.4
	GTD 3815	GTD 4015	GTD 4515	GTD 5015	GTD 5515DW	GTD 6015DW	GTD 6515DW
Color	Blue	Red	Purple	Green	White	Yellow	Red

Guide Side Cut Drill

Remove alveolar bone that interferes with abutment (including healing) engagement

※ Recommended rpm: 800 or higher with irrigation

※ Must be used before fixture placement



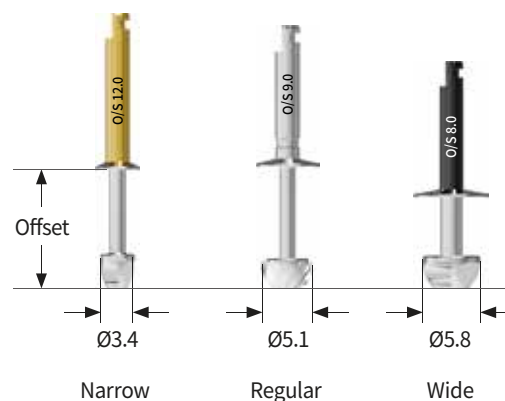
Unit mm

Type	Narrow	Regular		
Diameter	Ø3.5	Ø5.15		
Offset	12	9	10.5	12
	GSCD 2912	GSCD 4609	GSCD 4610	GSCD 4612
Color	-	Green	Red	Gray

Abutment Profile Drill

Function to remove interfering alveolar bone when engaging abutment or H-scanbody

- Rotate drill 360 degrees to form abutment profile shape



Unit mm

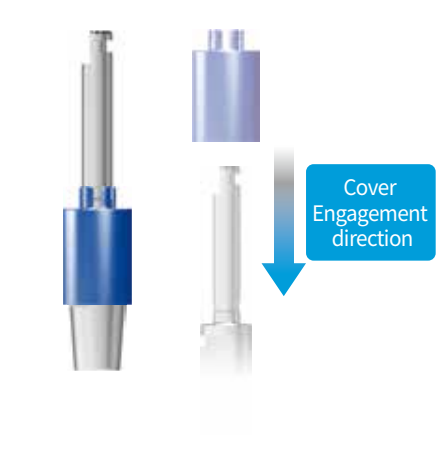
Type	Narrow	Regular	Wide
Diameter	Ø3.4	Ø5.1	Ø5.8
Offset 8	-	-	UAPD 5822
9	-	UAPD 5123	-
9.5	-	-	UAPD 5823
10.5	-	UAPD 5124	-
-	-	UAPD 5125	-
12	UAPD 3428	UAPD 5126	-

Drill Extension Set

Extend 15.5mm when engaged to drill, convenient with dedicated cover during irrigation

- Packing Unit : Drill Extension(DE 15) + Cover(DEC 07)
- ※ Available for individual purchase

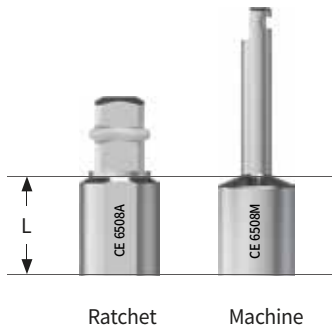
Code	DECS 15
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Connector Extension

Extend connector length during implant placement

Unit mm		
Diameter	Ratchet	Machine
Length 8	CE 6508A	CE 6508M
12	CE 6512A	CE 6512M

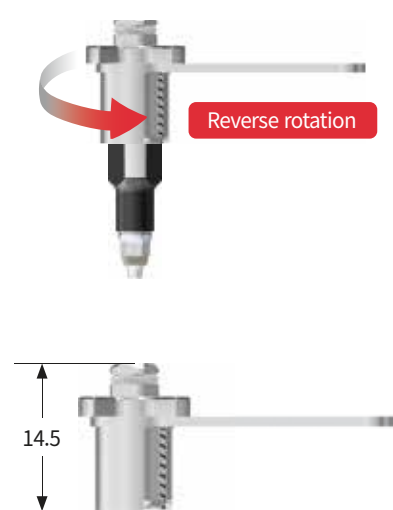


Implant Connector Remover

Used to separate when implant connector is stuck in sleeve

- Insert connector head in window direction and remove by reverse rotation
- Provided with body / housing / handle combined
- ※ Turn triangular valve forward completely to use with window open

Unit mm	
Code	ICR



Implant Connector

- Place implant matching pre-planned fixture depth and internal hex direction
- UFI narrow recommended usage 20 times
- Caution against excessive torque exceeding 50Ncm



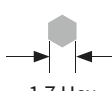
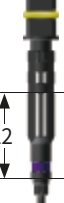
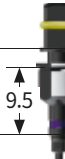
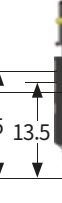
Narrow

Regular

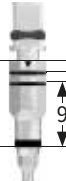
Wide

Unit mm

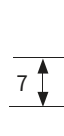
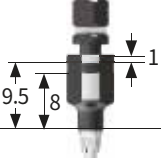
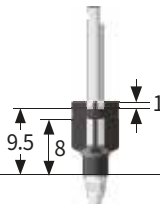
N**Hex 1.7**

Fixture Size		Narrow				
Type	Ratchet					Machine
	Non-Stopper	Non-Stopper	Non-Stopper	Stopper	Multi	Non-Stopper
	GNIC 3615	GNIC 3618	GNIC 5309	GNIC 5309ST	GNIC 5317	GNICC 5309
 1.7 Hex	 12	 12	 10.5 9	 9.5	 15 13.5 16.5	 10.5 9 12

R**Hex 2.5**

Fixture Size		Regular	
Type	Ratchet		Machine
	Non-Stopper	Stopper	Non-Stopper
	SGIC 5309	SGIC 5309ST	SGICC 5309
 2.5 Hex	 12 9 10.5	 9.5	 10.5 9 12

W**Hex 2.5**

Fixture Size		Wide		
Type	Ratchet			Machine
	Stopper	Stopper	Non-Stopper	Non-Stopper
	GWIC 6807ST	GWIC 6808ST	GWIC 6808	GWICC 6808
 2.5 Hex	 7	 8.5	 9.5 8 1	 9.5 8 1

Screw Driver (Machine)

Used for engaging 1.2 hex of superstructure prosthetics or screws

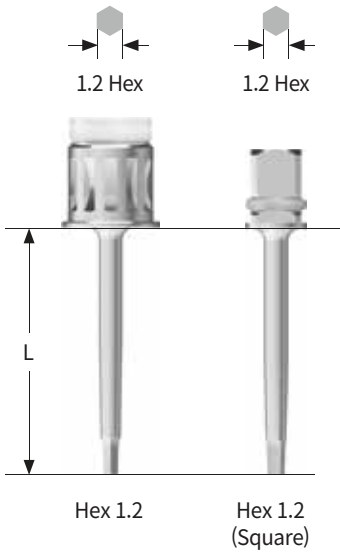
Unit mm	
Type	Hex 1.2
Length 5.5	MD 1219
8.5	MD 1222
16.5	MD 1230
20.5	MD 1234
25.5	MD 1239



Screw Driver (Ratchet)

Used for engaging 1.2 hex of superstructure prosthetics or screws

Unit mm		
Type	Hex 1.2	Hex 1.2 (Square)
Length 5	HD 1205A	-
10	HD 1210A	SHD 1210
15	HD 1215A	SHD 1215
20	HD 1220A	SHD 1220
25	HD 1225A	SHD 1225
30	HD 1230A	SHD 1230



Torque Wrench

Used for controlling implant placement position and tightening abutments, screws, etc

- Pull bar and align to line indicating desired torque value to apply torque



Code	DTW 0080
------	----------

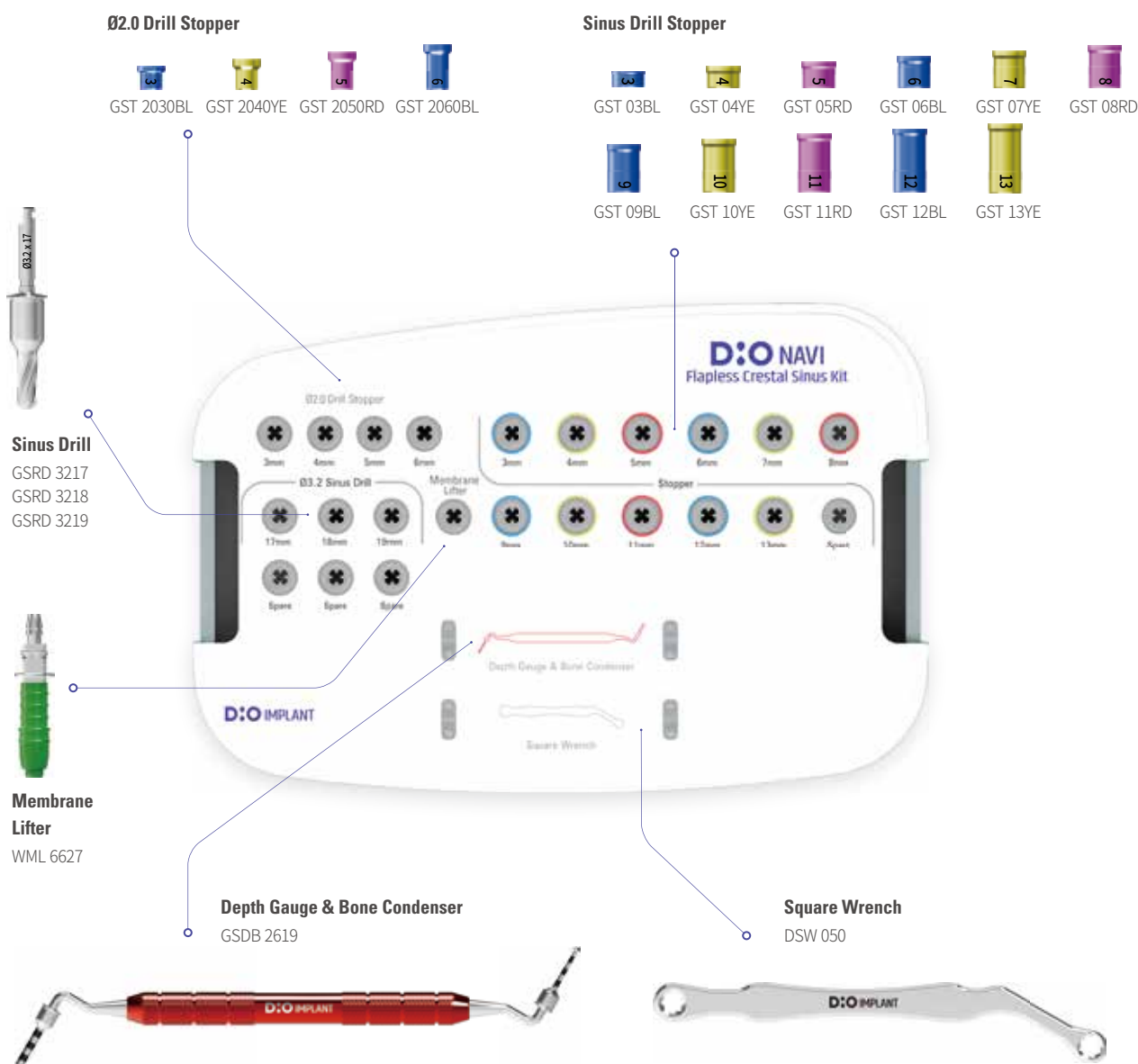
DIO IMPLANT

DIO NAVI Flapless Crestal Sinus Kit (SMK 02) Kit

Ver.D

Crestal Approach Technic

- Safe and rapid perforation of inferior cortical wall and membrane elevation using sinus technique based on low-speed drilling (10rpm or lower) and stopper attachment
- UFII / UFIII Regular Ø3.8 4.0 4.5 5.0 fixture



Ø2.0 Drill Stopper

Used by engaging to Ø2.0 initial drill in DIO NAVI Master S kit to maintain consistent depth during procedure

- Composed of 3~6mm at 1mm intervals with anodizing and laser marking by length

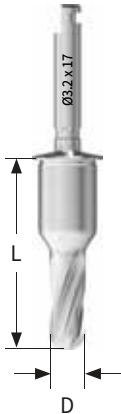


Unit mm				
Code	GST 2030BL	GST 2040YE	GST 2050RD	GST 2060BL
				

Sinus Drill

Designed to remove bone during drilling while round-shaped front edge prevents membrane damage

- Depth control must use stopper
- Non-irrigated low-speed drilling (10rpm or lower)



Unit mm		
Diameter	Ø2.8	Ø3.2
Length 17	GSRD 2817	GSRD 3217
18	GSRD 2818	GSRD 3218
19	GSRD 2819	GSRD 3219
21	GSRD 2821	GSRD 3221

Surgical Instruments Kit

Sinus Drill Stopper

Used by engaging to sinus drill in flapless crestal sinus kit to maintain consistent depth during procedure

- Composed of 3-13mm at 1mm intervals with anodizing and laser marking by length



						Unit mm
Code	GST 02RD	GST 03BL	GST 04YE	GST 05RD	GST 06BL	GST 07YE
						
Code	GST 08RD	GST 09BL	GST 10YE	GST 11RD	GST 12BL	GST 13YE
						

Depth Gauge & Bone Condenser

Check residual bone thickness and membrane perforation status, and push bone into perforated sinus for use

- Must be used with stopper engaged after removing guide



Code	GSDB 2619
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Membrane Lifter

Used to inject saline into drill hole by connecting saline tube



Code	WML 6627
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Square Wrench

Used to fix membrane lifter



Code	DSW 050
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Saline Tube

- Syringe sold separately

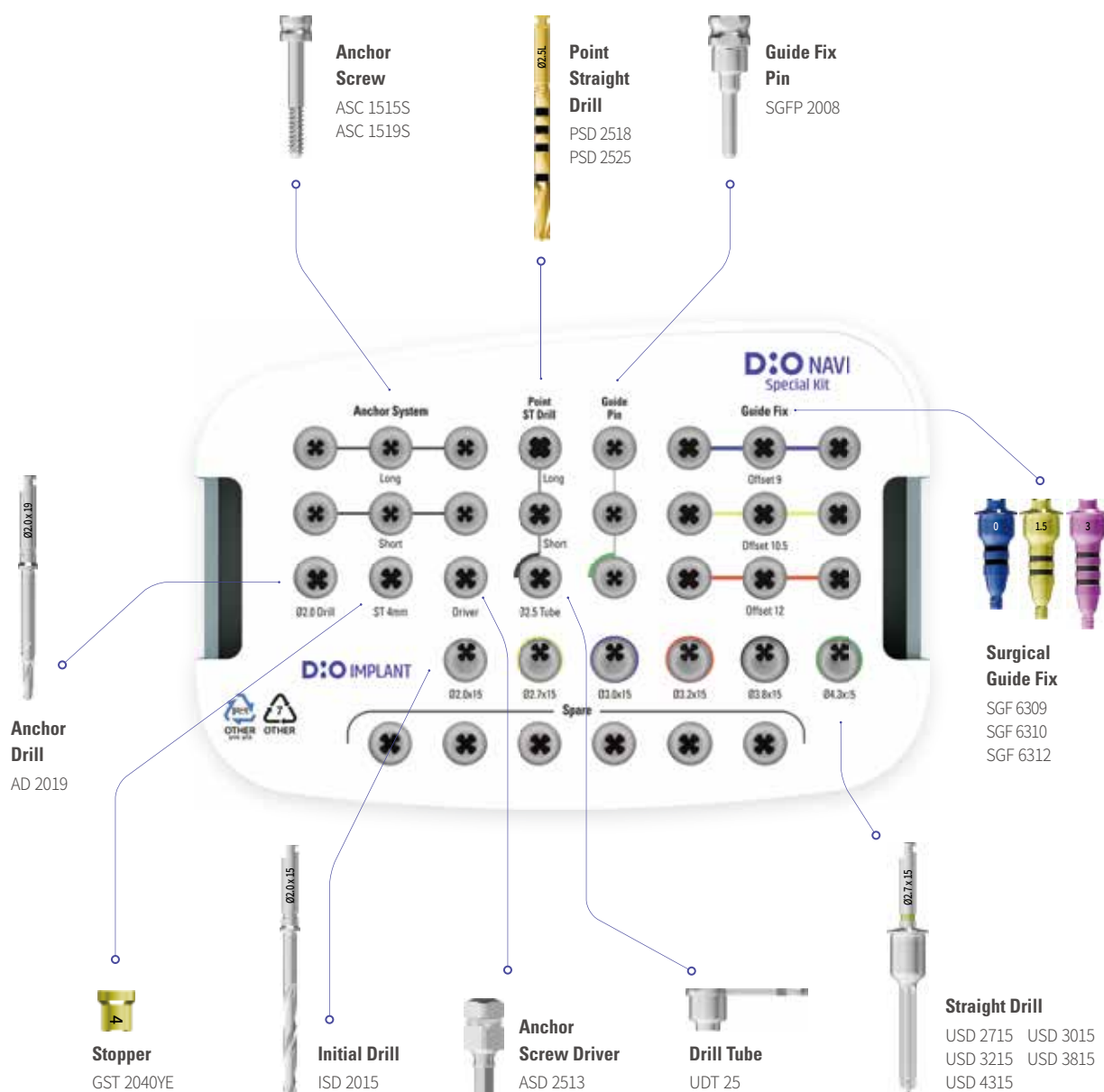


Code	MLT 40300
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DIO NAVI Special Kit (SGF 02) Kit

Ver.D

Surgical kit designed for guide fixation in edentulous or multiple missing cases and stable drilling in extraction cases



Anchor Drill

Form hole for anchor screw insertion into bone for surgical guide fixation purpose

Unit mm	
Diameter	Ø2.0
Code	AD 2019



Stopper

Used by engaging to Ø2.0 initial drill to maintain consistent depth during procedure

- Engage to anchor drill to maintain drilling depth

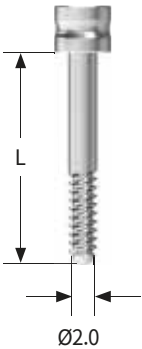
Unit mm	
Diameter	Ø2.0
Code	GST 2040YE



Anchor Screw

Used for surgical guide fixation

Unit mm		
Diameter	Ø2.0	
Length	15	19
Code	ASC 1515S	ASC 1519S



Anchor Screw Driver

Used by engaging to anchor screw

Unit mm	
Code	ASD 2513



Surgical Instruments Kit

Initial Drill

Used for forming initial drilling hole

Unit mm	
Diameter	Ø2.0
Code	ISD 2015

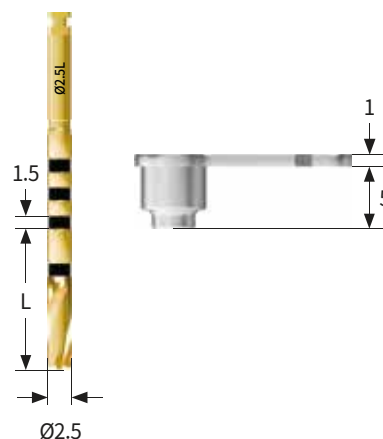


Point Straight Drill

Instrument for forming guide hole at accurate position
(shape to prevent drill slippage)

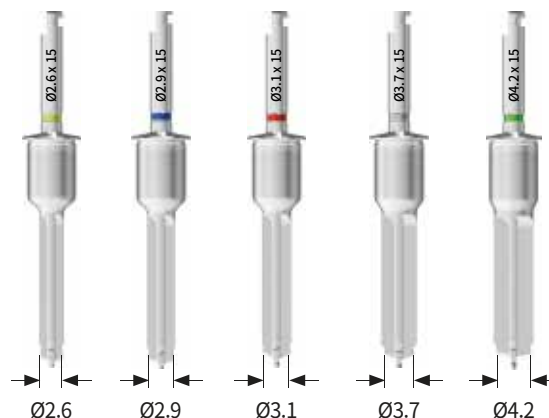
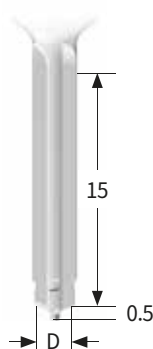
- Use dedicated drill tube (UDT 25)

Unit mm		
Diameter	Ø2.5	
Length	10	15
Code	PSD 2518	PSD 2525



Straight Drill

Drilling with progressively increasing drill size (diameter)
according to implant size, following the pathway of
preceding drill without using drill tube



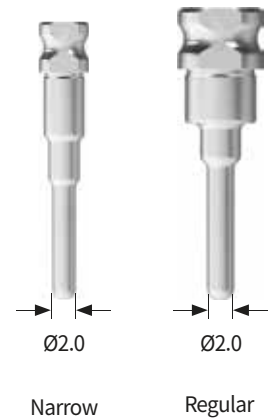
Length		15			
	USD 2715	USD 3015	USD 3215	USD 3815	USD 4315
Color	Yellow	Blue	Red	Gray	Green

Unit mm

Surgical Guide Fix Pin

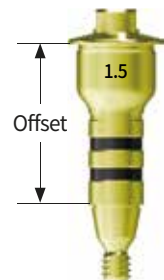
Used to fix surgical guide without shaking by inserting surgical guide fix pin into hole after Ø2.0mm drilling (prevents lateral movement during fixation)

Unit mm		
Type	Narrow	Regular
Code	SGFP 2008N	SGFP 2008



Surgical Guide Fix

Used to fix surgical guide without movement by engaging with previously placed fixture (prevents lateral movement during fixation)



Unit mm				
Type	Narrow	Regular		
Offset	12	9	10.5	12
Code	SGF 4412	SGF 6309	SGF 6310	SGF 6312
				

Metal Needle Tip

Irrigation needle must be positioned to bone cavity depth to prevent bone heating and completely remove particles from bone cavity

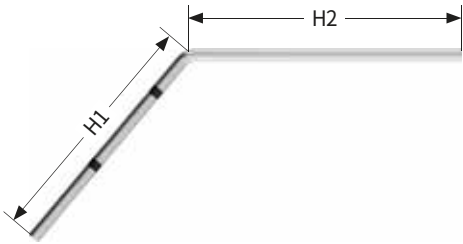
- Non-irrigated drilling is standard for low-speed drilling below 50rpm, but repeated drill hole cleaning and suction to bone cavity is recommended at each drill stage to prevent bone heating and completely remove particles from bone cavity



Needle positioned to bone cavity depth for irrigation



Needle not positioned deep enough, difficult to irrigate to bone



Unit mm			
Height 1	30	25	-
2	50	25	-
Code	MNTE	MNTL	MNTS

DIO NAVI Drill Plate

Tray for drill identification/cleaning management efficiency after DIO NAVI procedure and accurate identification/placement when repositioning in kit set, sterilizable medical material

- Size : 200×140×30(mm)

Code	NP 01
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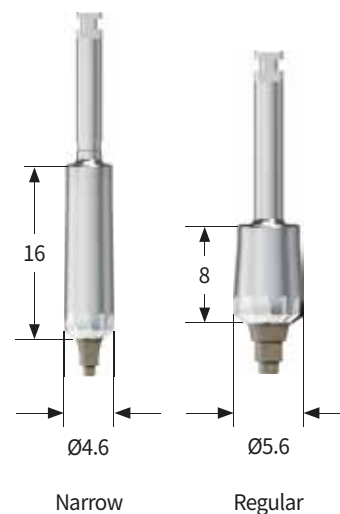
Bone Profile Drill

Prevent incomplete engagement due to adjacent bone when engaging abutment (healing) after fixture placement (particularly effective during flapless surgery with surgical guide where adjacent bone shape is difficult to see)

- Remove adjacent bone around fixture after cover screw removal during second procedure to facilitate smooth abutment (healing) engagement
- Eliminate gap between bone and placed fixture abutment through accurate abutment engagement to aid transmucosal recovery

Unit mm

Type	Narrow	Regular		
Diameter	Ø4.6	Ø5.6	Ø6.6	Ø7.6
Length 8	-	BPD 5608G	BPD 6608G	BPD 7608G
16	BPD 4616GN	-	-	-



Guide Screw

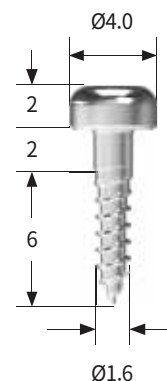
For surgical guide fixation in edentulous or partial edentulous surgery

- Can be used as reference point for post-placement scan and CT
- Use Narrow Implant Connector (Screw Cover - 1.2 Hex Driver)
- Insertion Torque : D1 : 10~35Ncm / D2 : 5~25Ncm / D3 : 2~15Ncm
- Packing Unit : Guide Screw + Guide Screw Cover

※ Recommended placement period: maximum 3 weeks

Unit mm

Code	GS 1608
------	---------



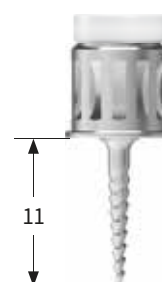
Abutment Seal Remover

Used for removing filling material inside abutment hole

- Teflon, resin material removal method : Press abutment hole filling material with remover, then rotate remover clockwise to remove filling material
- Silicone material removal method : Press and remove abutment hole filling material with remover

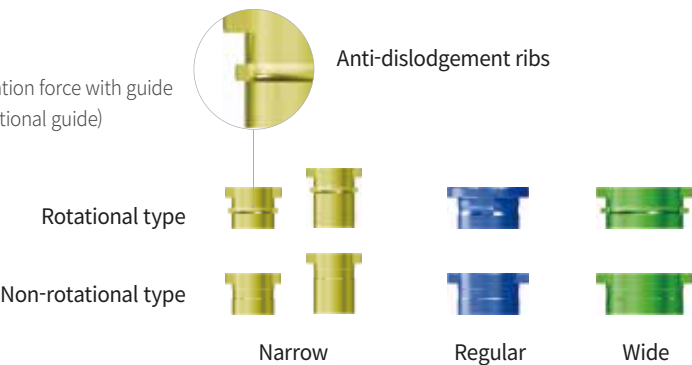
Unit mm

Code	ASR 18H
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Surgical Guide Sleeve

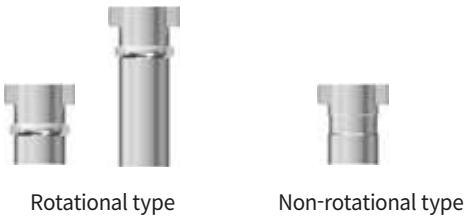
- Rotational type : Anti-dislodgement ribs increase fixation force with guide
- ※ Cross-use not possible (rotational sleeve only for rotational guide)



Fixture Size		Narrow		Regular	Wide
Rotational type	Single	GS 36YE	GSL 36YE	GS 53BL	GS 68GN
	10 Set	GS 36YE_10	GSL 36YE_10	GS 53BL_10	GS 68GN_10
	50 Set	GS 36YE_50	GSL 36YE_50	GS 53BL_50	GS 68GN_50
Non-rotational type	Single	GSCS 36YE	GSC 36YE	GSC 53BL	GSC 68GN
	10 Set	GSCS 36YE_10	GSC 36YE_10	GSC 53BL_10	GSC 68GN_10
	50 Set	GSCS 36YE_50	GSC 36YE_50	GSC 53BL_50	GSC 68GN_50

Anchor Sleeve

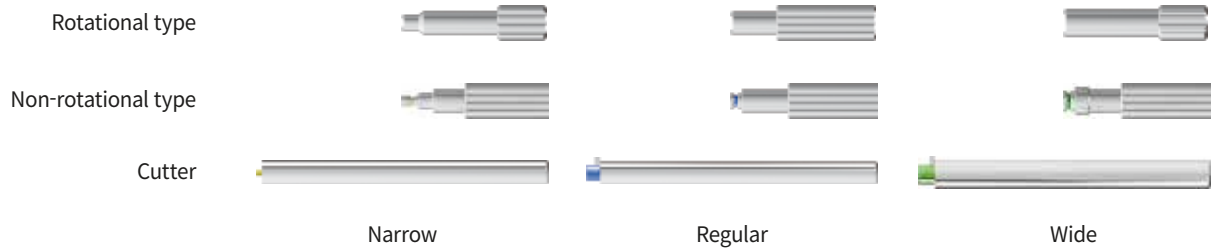
- Rotational type : Anti-dislodgement ribs increase fixation force with guide
- ※ Cross-use not possible (rotational sleeve only for rotational guide)



Fixture Size	Single	10 Set	50 Set
Rotational type	AS 20	AS 20_10	AS 20_50
Rotational type(Long)	ASL 20	ASL 20_10	ASL 20_50
Non-rotational type	ASC 20	ASC 20_10	ASC 20_50

Sleeve assembly jig / cutter

- **Jig** : Used for engaging sleeve to guide ※ Cross-use not possible (rotational jig only for rotational sleeve)
- **Cutter** : Used by engaging to sleeve and rotating to remove burr from upper surface



Fixture Size		Narrow	Regular	Wide
Sleeve	Rotational type	GSJN	GSJR	GSJW
	Non-rotational type	GSJCN	GSJCR	GSJCW
	Cutter	GPCN	GPCR	GPCW

04

Etc. Kits

- 168** New Dr.SOS⁺ Kit (DRS 05)
- 174** Sinus Master Kit (SMK 01)
- 182** Bone Expander Kit (BEP 00)
- 183** UFII Prosthetic Kit (UFP 02)

New Dr.SOS⁺ Kit (DRS 05) Kit

Ver.B

Safely and rapidly resolve problems such as screw fracture, connection wear, and foreign material entrapment due to excessive torque during prosthetic procedures in implant treatment



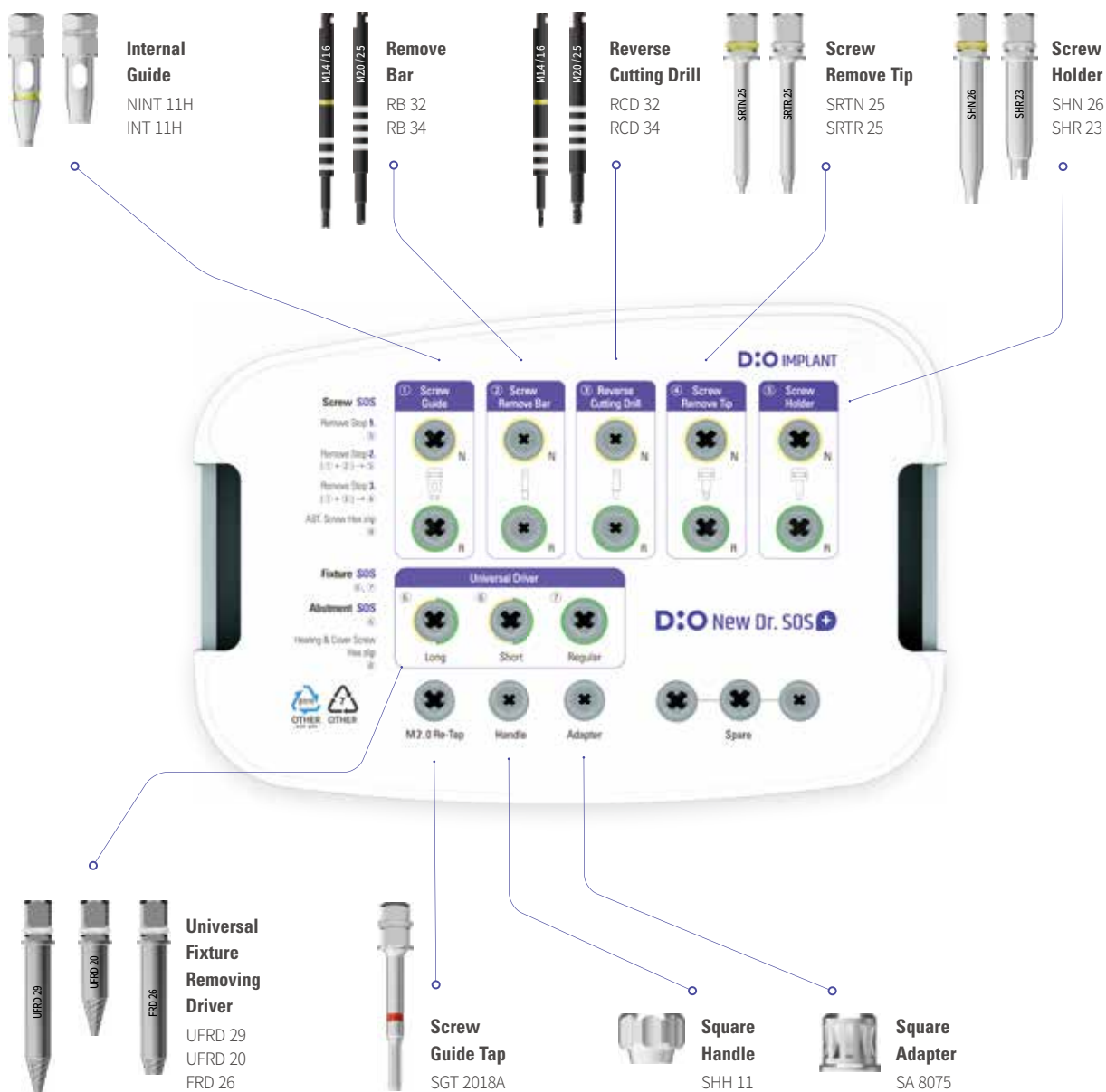
New Dr. SOS⁺ Kit
Introduction video

Square Wrench

SSW 050



*Bottom Panel Components



Internal Guide

Guide that allows remove bar and reverse cutting drill to accurately enter fixture interior



Unit mm

Sub. Narrow			Sub. Regular	
Type	Hex	Non-Hex	Hex	Non-Hex
	NINT 11H	NINT 11N	INT 11H	INT 11N
				
Non-Sub. 8°				
Type	Octa	Non-Octa		
	INT 8Octa	INT 8N		
				

External Guide

Guide that allows remove bar and reverse cutting drill to accurately enter fixture interior



Unit mm

Type	Hex		
Hex	2.4	2.7	3.4
	EXT 24	EXT 27	EXT 34
			

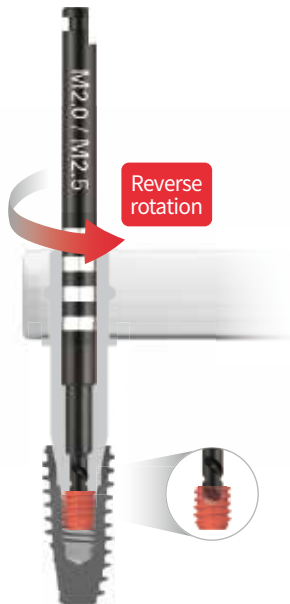
Reverse Cutting Drill

Insert part of cutting drill tip into fractured screw remnant, then remove remnant by friction force through reverse rotation (create hole 1mm or larger)

- ※ Recommended rpm: 1,200rpm / reverse rotation
- ※ Reverse cutting drill single use recommended
- ※ Must irrigate & pumping

Unit mm

	Narrow	Regular	
Type	M1.4 / 1.6	M2.0 / 2.5	
Code	RCD 32	RCD 34	RCD 36
			



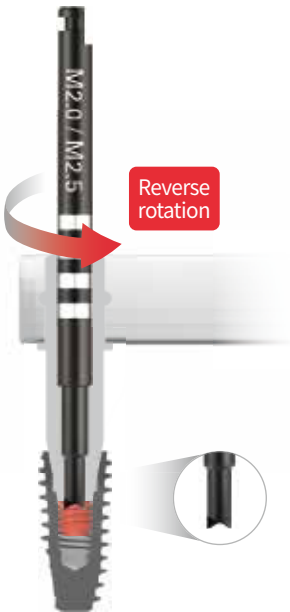
Remove Bar

Press bar tip against fractured screw remnant cross-section, then remove remnant by friction force through reverse rotation

- ※ Recommended rpm: 20rpm / reverse rotation

Unit mm

	Narrow	Regular
Type	M1.4 / 1.6	M2.0 / 2.5
Code	RB 32	RB 34
		



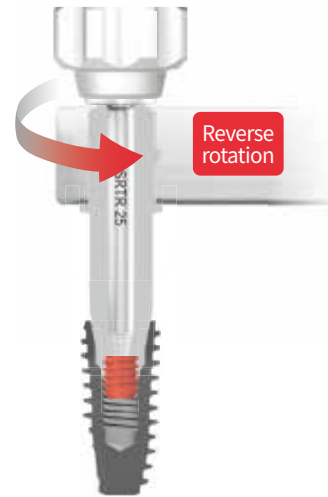
Screw Remove Tip

Insert screw remove tip with guide matching fixture connection engaged to pick up and remove screw

※ Hand / Wrench Mode

Unit mm

	Narrow	Regular
Code	SRTN 25	SRTR 25
		



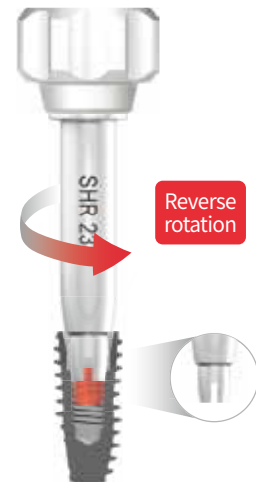
Screw Holder

Pick up and remove screw using screw holder

※ Hand Mode

Unit mm

	Narrow	Regular
Code	SHN 26	SHR 23
		

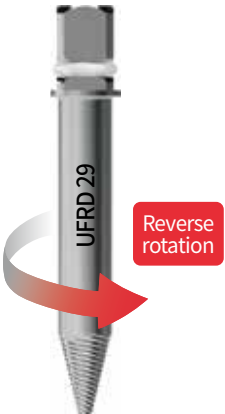


Universal Fixture Removing Driver

Various failure types can be easily resolved with one driver

※ Reverse rotation

Unit mm			
Code	UFRD 29	UFRD 20	FRD 26
			

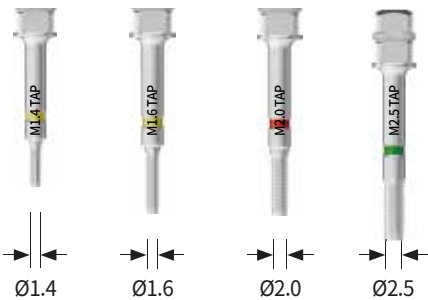


Screw Guide Tap

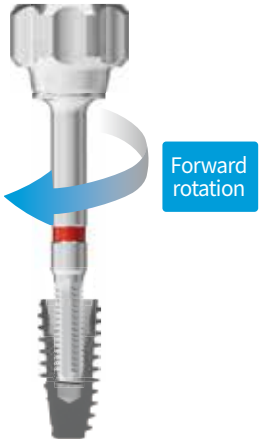
Restore threads to original condition when screw engagement is difficult due to deformation such as foreign material entrapment or thread wear in fixture internal connection placed intraorally

• Use by rotating square handle by hand without using square wrench

※ Hand Mode



Unit mm				
Code	SGT 1418A	SGT 1618A	SGT 2018A	SGT 2518A
Color	Yellow	Yellow	Red	Green



Square Handle

Used for engaging to tools used in hand mode

Code	SHH 11
------	--------



Square Adapter

Tool needed when rotating universal driver using circular torque wrench (upper part circular, lower part engaging with driver head is square shaped)

※ Not needed when square torque wrench (DTW 0080) is available



Code	SA 8075
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Square Wrench

Fix fixture to be removed to square wrench, then separate by forward rotation while pressing universal driver



Code	SSW 050
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Trephine Drill

Used for autogenous bone harvesting or failed fixture removal

- For hard bone quality or well-osseointegrated cases, fixture removal possible with universal driver after partial cortical bone removal of 2~3mm with trephine drill



Unit mm

	Narrow		Regular						
Fixture Size	Ø3.0	Ø3.3	Ø3.8	Ø4.0	Ø4.5	Ø5.0	Ø5.5	Ø5.9	Ø6.4
Diameter 1	Ø3.2	Ø3.7	Ø4.0	Ø4.3	Ø4.7	Ø5.0	Ø5.5	Ø6.2	Ø6.7
2	Ø4.0	Ø4.5	Ø4.8	Ø5.1	Ø5.5	Ø5.8	Ø6.3	Ø7.0	Ø7.5
	TRD 4032	TRD 4537	TRD 4840	TRD 5143	TRD 5547	TRD 5850	TRD 6355	TRD 7062	TRD 7567

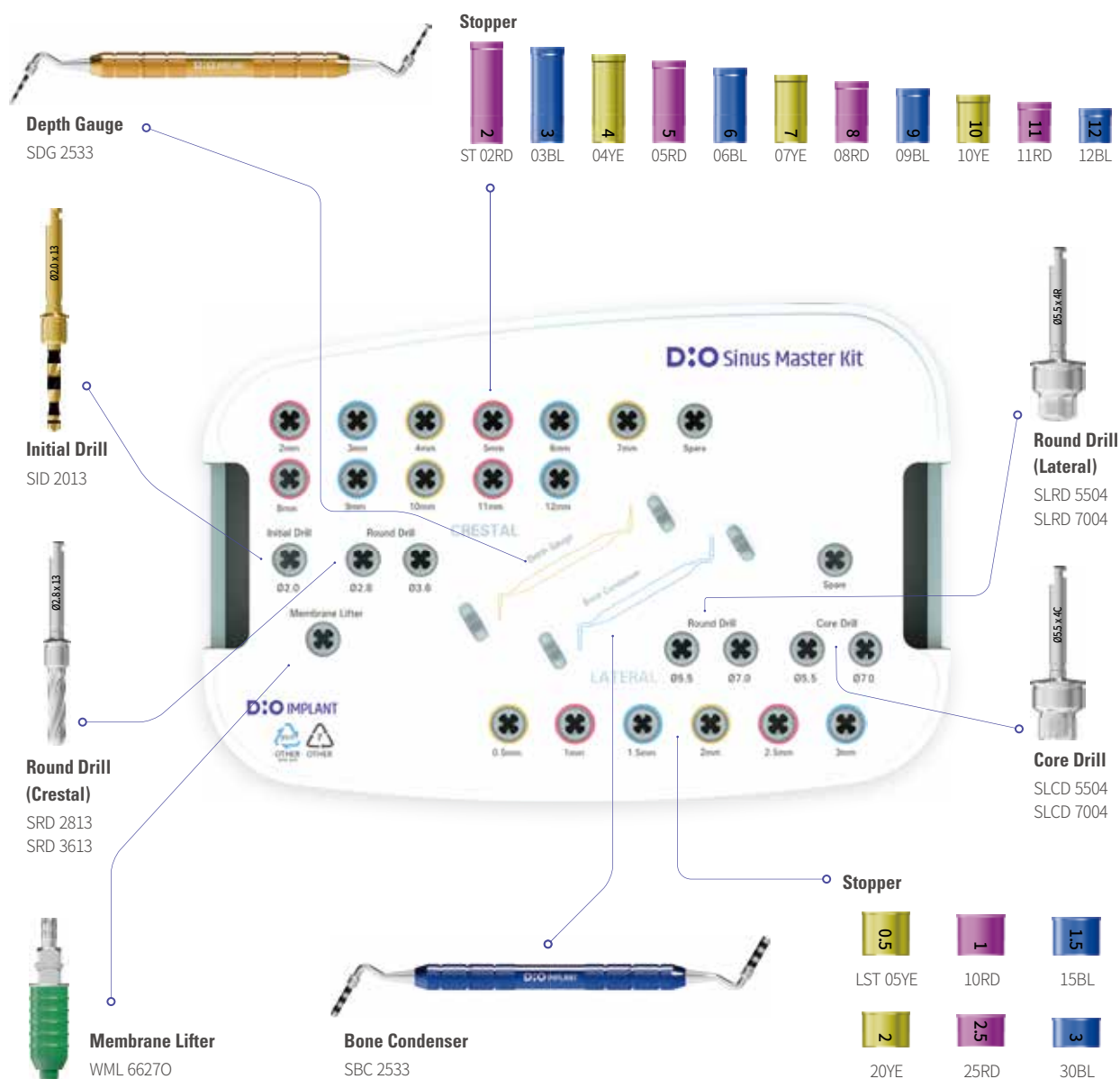
Ver.B

- **Crestal Approach Technic**
Safe and rapid perforation of inferior cortical wall and membrane elevation using sinus technique based on low-speed drilling (50-100rpm) and stopper attachment
- **Lateral Approach Technic**
Round drill and core drill selection possible, safe and rapid membrane elevation possible based on high-speed drilling and stopper attachment

DSW 050



*Bottom Panel Components

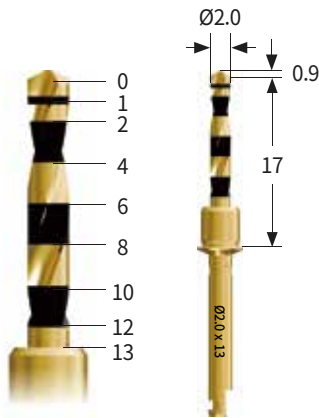


Ø2.0 Initial Drill

Used for forming initial drilling hole

Unit mm

Diameter	Ø2.0
Code	SID 2013



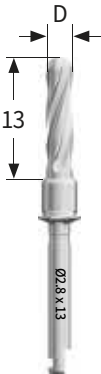
Round Drill

Drill dedicated for sinus crestal approach procedure

※ Used to protect membrane with round design at drill tip

Unit mm

Diameter	Ø2.8	Ø3.6
Length 13	SRD 2813	SRD 3613



Stopper

- Must use stopper for drill depth control
- Anodizing color coding by length and stopper length laser marking treatment



Unit mm

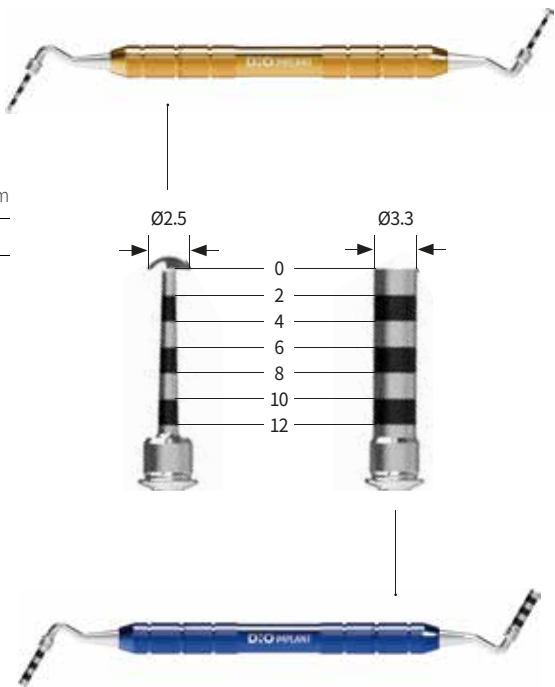
Drilling Length	2	3	4	5	6	7	8	9	10	11	12
Stopper Length	15	14	13	12	11	10	9	8	7	6	5
	ST02RD	03BL	04YE	05RD	06BL	07YE	08RD	09BL	10YE	11RD	12BL
											

Surgical Instruments Kit

Depth Gauge

Used for measuring residual bone thickness and dispersing transplanted bone graft material

	Unit mm
Code	SDG 2533



Bone Condenser

Used for measuring residual bone thickness, confirming membrane accessibility, and pushing bone graft material into elevated membrane

	Unit mm
Code	SBC 2533

Membrane Lifter

Used to inject saline into drill hole by connecting saline tube

Code	WML 66270
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Saline Tube

• Syringe sold separately

Code	MLT 40300
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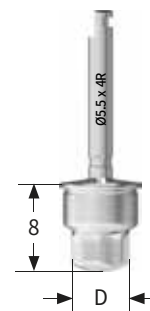


Round Drill

Drill dedicated for sinus lateral approach procedure

※ Dome type / use stopper

Unit mm		
Diameter	Ø5.5	Ø7.0
Length 8	SLRD 5504	SLRD 7004

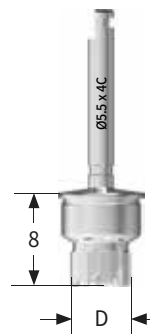


Core Drill

Drill dedicated for sinus lateral approach procedure

※ Core type (utilize remaining bone disk after drilling) / use stopper

Unit mm		
Diameter	Ø5.5	Ø7.0
Length 8	SLCD 5504	SLCD 7004



Stopper

- Must use stopper for drill depth control
- Anodizing color coding by length and stopper length laser marking treatment



Unit mm						
Drilling Length	0.5	1	1.5	2	2.5	3
Stopper Length	7.5	7	6.5	6	5.5	5
	LST 05YE	10RD	15BL	20YE	25RD	30BL
						

Lateral Approach Technic

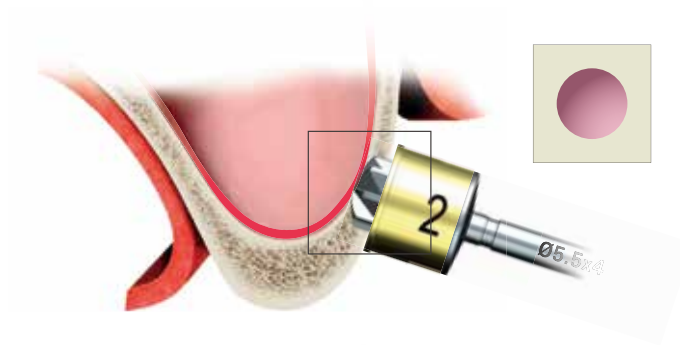
Round drill and core drill selection possible, safe and rapid membrane elevation possible based on high-speed drilling and stopper attachment

Drilling Round Drill

- Round shape drilling possible

Caution

Must use stopper. Irrigation 1,200~1,400rpm



Drilling Core Drill

- Only round-shaped edge drilling possible
- Return center residual bone to original position after maxillary sinus elevation completion

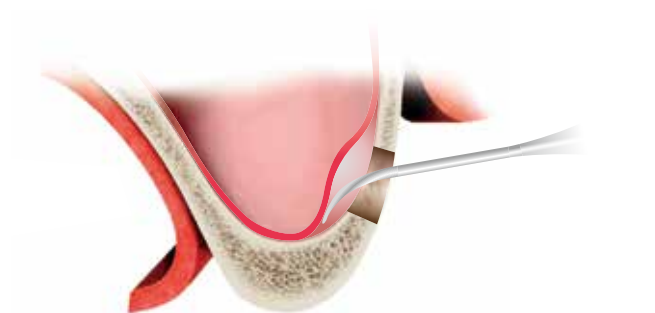
Caution

Must use stopper. Irrigation 600~800rpm



Sinus membrane elevation Sinus Lift

Membrane elevation from lateral side



Crestal Approach Technic

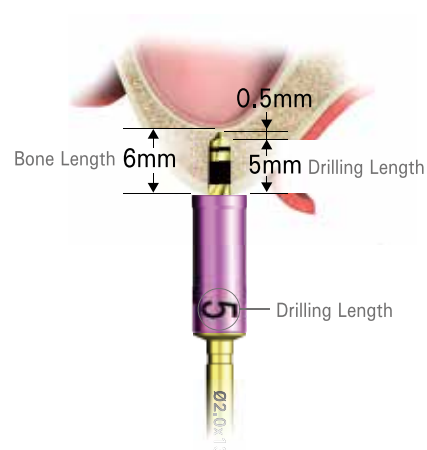
Safe and rapid perforation of inferior cortical wall and membrane elevation possible using sinus technique based on low-speed drilling (50~100rpm) and stopper attachment

Drilling Initial Drill

Mount stopper to drill 1~2mm shorter based on subantral bone height measured on CT, then drill to subantral area

Caution

Must use stopper for depth control / non-irrigated low-speed drilling 50rpm

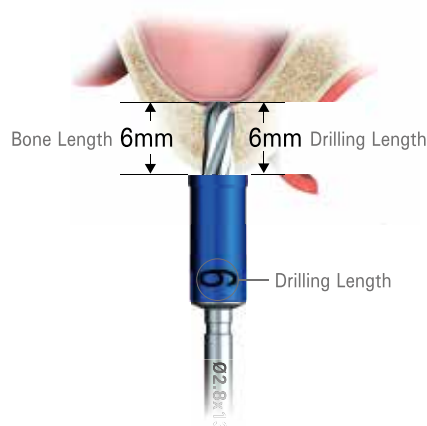


Subantral bone perforation Sinus Drill (primary)

Mount stopper to drill same length based on subantral bone height measured on CT, then drill

Caution

Must use stopper for depth control / non-irrigated low-speed drilling 50rpm



Sinus membrane elevation Membrane Lifter

Inject saline into drill hole using membrane lifter

Caution

Measure injection volume from when pressure is felt, excluding approximately 0.2cc~0.5cc before pressure is applied

※ Injection volume before pressure application may vary according to bone height and expansion amount based on 1mm sinus membrane elevation height, inject 0.1cc

Caution

Maxillary sinus floor (A) well opened case

When pressure is felt during saline injection, membrane elevates, pressure drops, and saline is injected

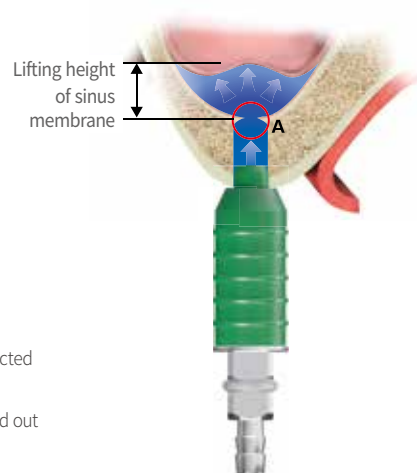
Maxillary sinus floor (A) not opened case

After feeling pressure during saline injection, no further pressure can be applied or nozzle is pushed out

→ Retry after drilling sinus drill 1mm deeper

Aspirate saline while maintaining nozzle in hole

After injected saline mixed with blood is aspirated and negative pressure is achieved, membrane is completely elevated

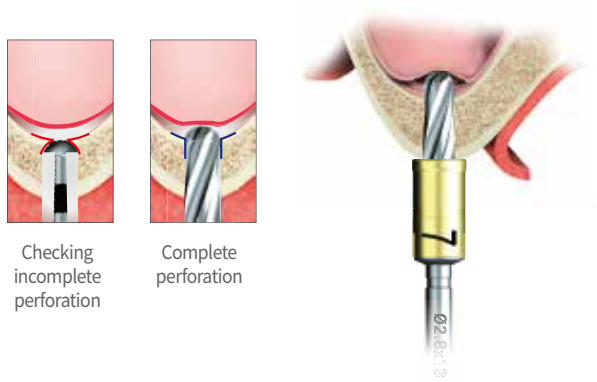


Surgical Protocol Kit

Maxillary sinus floor opening expansion Sinus Drill (secondary)

After elevating maxillary sinus membrane, drill sinus drill 1mm deeper to expand opened entrance of maxillary sinus floor

Caution
Must use stopper for depth control



Checking incomplete perforation

Complete perforation

Bone graft injection Bone Condenser

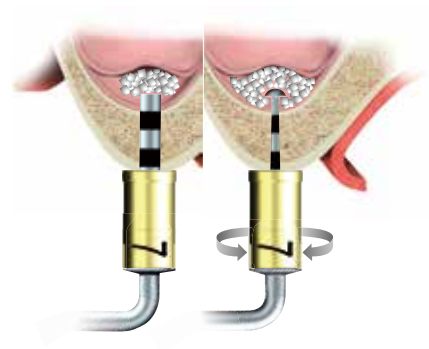
Push bone graft material through drill hole into maxillary sinus interior using bone condenser

Caution
Must use stopper for depth control / non-irrigated low-speed drilling 50rpm

Caution
Bone graft material volume determination

Lifting height of the sinus membrane (mm)		1	2	3	4	5	6	7	8	9	10
Bone graft GBR (cc)	If implant is placed	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
	If implant is not placed	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0

Bone graft material dispersion
Insert depth gauge into maxillary sinus interior and rotate to evenly disperse bone graft material



Final Drilling Final Drill

Drill 2mm deeper than previously used sinus drill depth

Caution
Use drill shorter than implant to be placed



Fixture placement Implant Connector

Implant entering maxillary sinus disperses bone graft material by pushing it, and when residual bone amount is 4mm or more, good initial stability can be achieved and temporary prosthetics can be restored with immediate implant placement

Caution
When residual bone amount is very thin at 3mm or less and implant initial stability cannot be achieved, perform only maxillary sinus bone graft without simultaneous implant placement



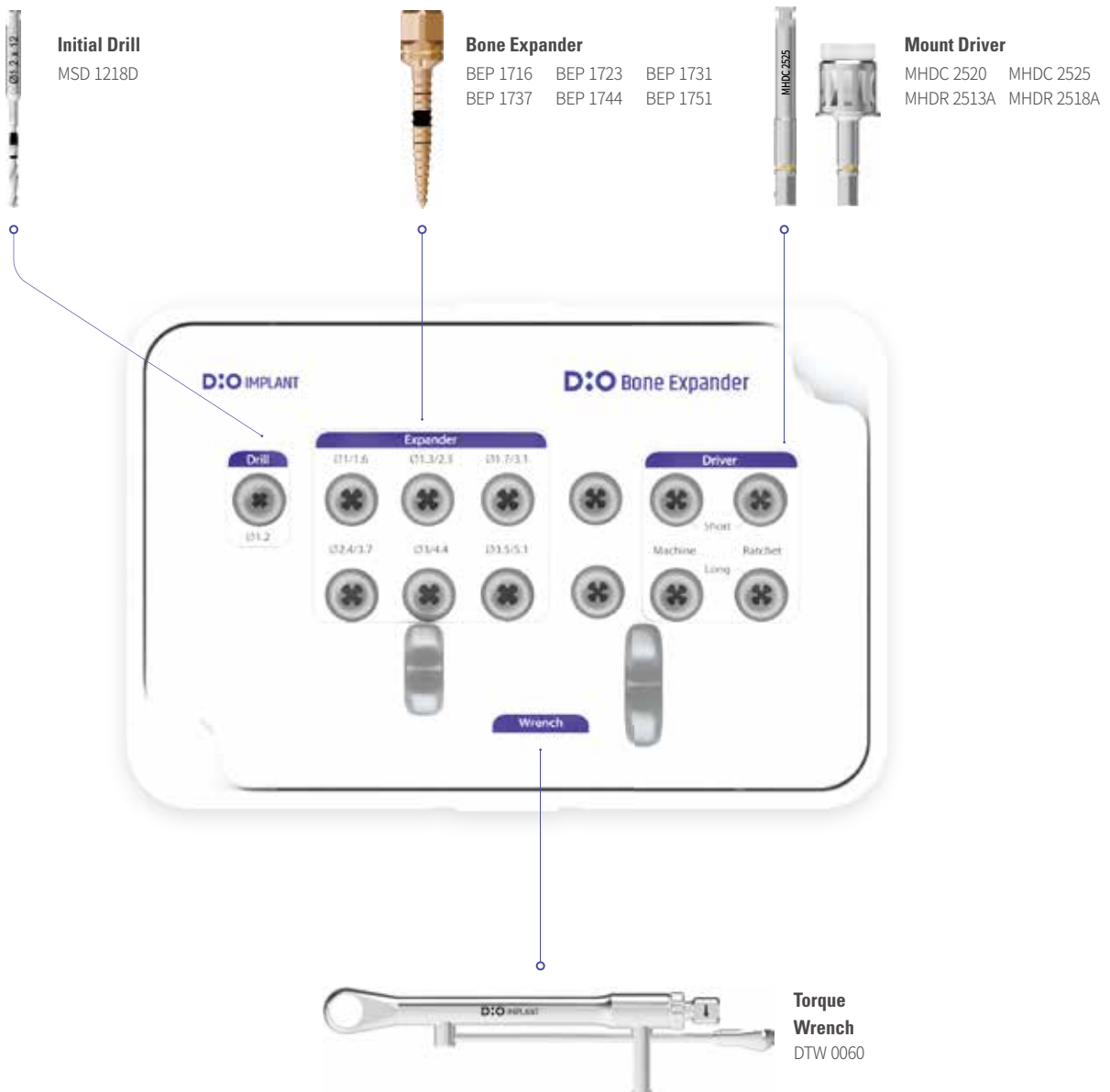
D:O IMPLANT

Bone Expander Kit (BEP 00) Kit

Ver.B

Surgical instrument kit for expanding bone width of incised alveolar bone

* Use sequentially according to fixture diameter

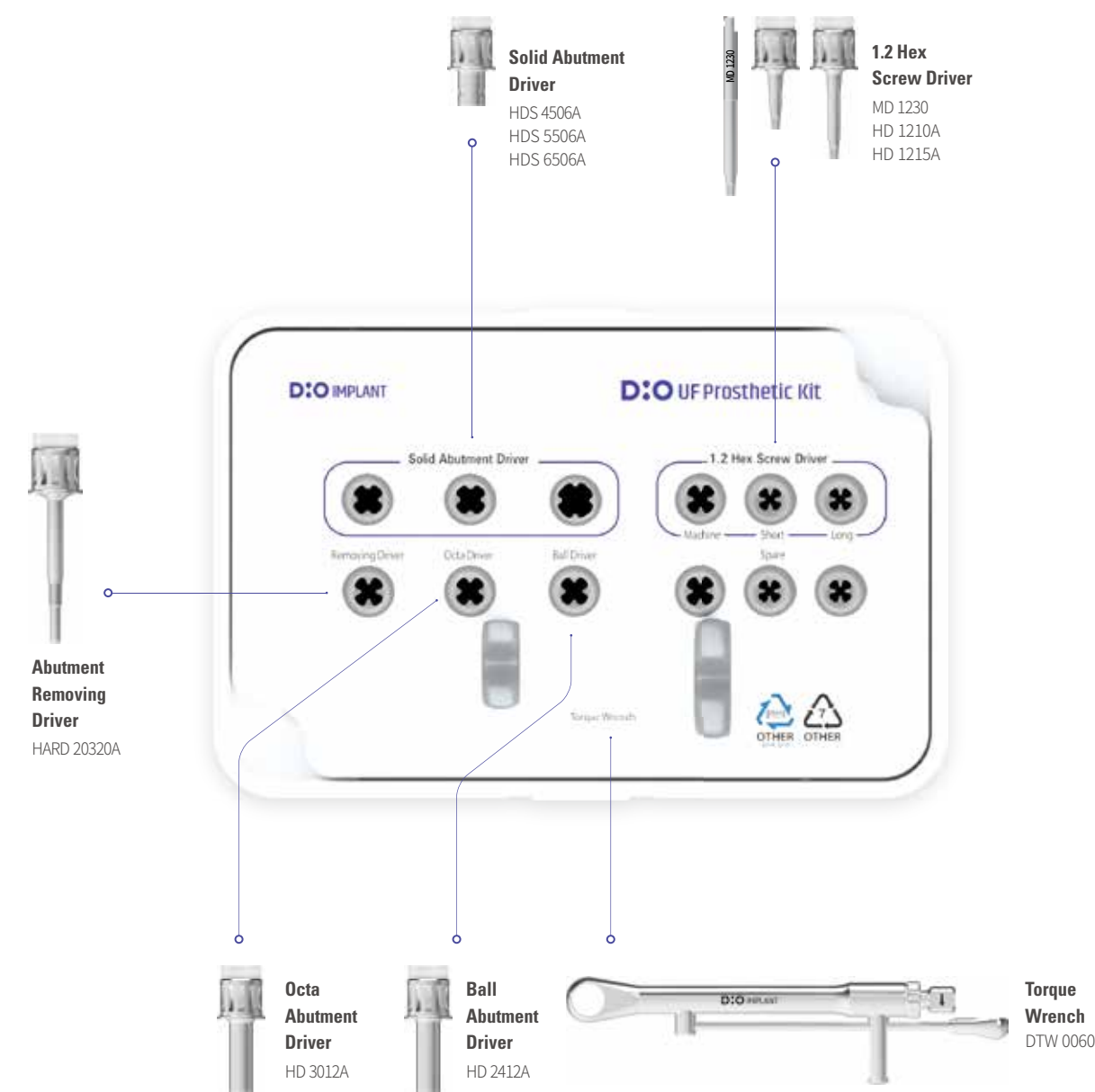


UFII Prosthetic Kit (UFP 02) Kit

Ver.A

Prosthetic kit for UFII / UFIII regular that enables easy abutment engagement and removal

- Solid, Octa, Ball Abutment



05

Equipment

186 **UV Irradiator**
UV Activator2

UV Irradiator Equipment & Materials

UV Activator 2

Achieve hydrophilic surface by irradiating VUV light on implant for 20 seconds

- Size : 261(W)x180(D)x348(H)
- Weight : approximately 6kg
- VUV light on implant for 20 seconds : Max 150W



360° cylindrical irradiation
172nm high-energy
VUV light source



Quartz ampoule
Minimize external contamination

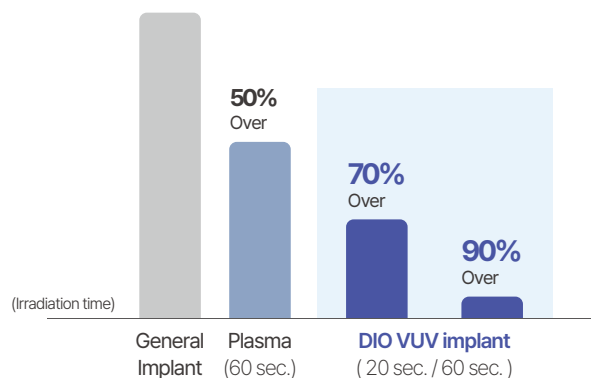


Rose Pink Sky Blue

Color	Pink ●	Blue ●
Code	UVACT 02P	UVACT 02B

Exceptional organic material removal effect

VUV irradiation on implant surface removes over 90% of organic materials, enabling stable bonding between implant and bone

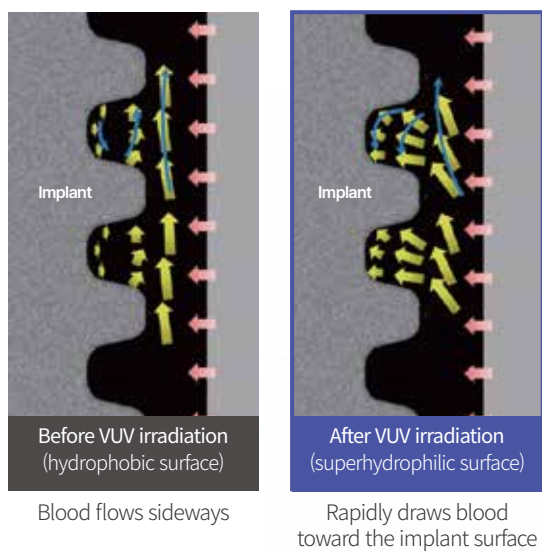


*Research paper: ULCA University / Int. J. Mol. Sci. 2023, 24, 1978.

*KAIST KARA XPS (Jan.27.2021 / Jun.5.2020)

High blood absorption

After VUV irradiation, surface becomes superhydrophilic, showing effect of absorbing blood toward implant surface.



*Research paper: ULCA University / JPR_D_22_00225



Beyond Implant, Dental Solution Creator

