



2022 - 23
IMPLANT
SYSTEM

OSSTEM[®]
IMPLANT

2022 - 23 IMPLANT SYSTEM

Osstem Implant 2022-23 Comprehensive Catalog

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www.osstem.com

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**“Cutting edge
technology &
superior quality”**

OSSTEM IMPLANT a hallmark of products
with trust and satisfaction from
dentists worldwide

**OSSTEM IMPLANT is
forever grateful to all
our customers for their
unwavering support
and trust.**

We sincerely thank all our customers for their steadfast support to Osstem Implant. Osstem, the first implant manufacturer in South Korea, has shown continuous dedication to enable dentists worldwide to provide “better treatment” with R&D investment and quality innovation. Now, Osstem Implant has grown into a world-leader in the dental implant industry, ranking first in Asia/Pacific region and fourth globally. Moreover, the company ranked No. 1 for global fixture sales for four consecutive years from 2017 to 2020, taking up the position as the most used global implant brand by dentists worldwide.

In addition to its position as the global implant provider, Osstem provides total dental solution including dental equipment, materials, IT system and interior design supplies for dental clinics to empower dentists in their service of “better treatment.”

In particular, with aggressive investment and technological development, Osstem is in the process of establishing full lineup for products, both software and hardware, in order to facilitate proper implementation of Digital Dentistry, a key emerging issue.

In this 2022-23 comprehensive product catalog, the design and the configuration of the catalog allow easy viewing and understanding of a

wide range of products and components, which are integrated dental solutions with Osstem’s technology, and facilitate convenient ordering and purchase.

In particular, this catalog has reflected the recent trend of dental industry by having a dedicated category of “One Digital” for digital dentistry products. You can easily look up the full product lineup from digital abutments, digital equipment, guides, and to digital orthodontics.

In addition, the main features of dental equipment such as implant motors and handpieces are presented along with the order code table to aid the process of ordering. In terms of design, high-quality images of representative products for each specification were provided to enhance the quality of the overall presentation in the catalog.

We hope that the 2022-23 Comprehensive Product Catalog will help you effectively find and purchase all the products you need for your dental practice. Osstem Implant will continue in its stride for development of products with greater customer value, setting exemplary cases to lead the global dental industry. We once again thank our customers for the continued support.

CEO of OSSTEM IMPLANT
Tae-Kwan Eom



Worldwide & History

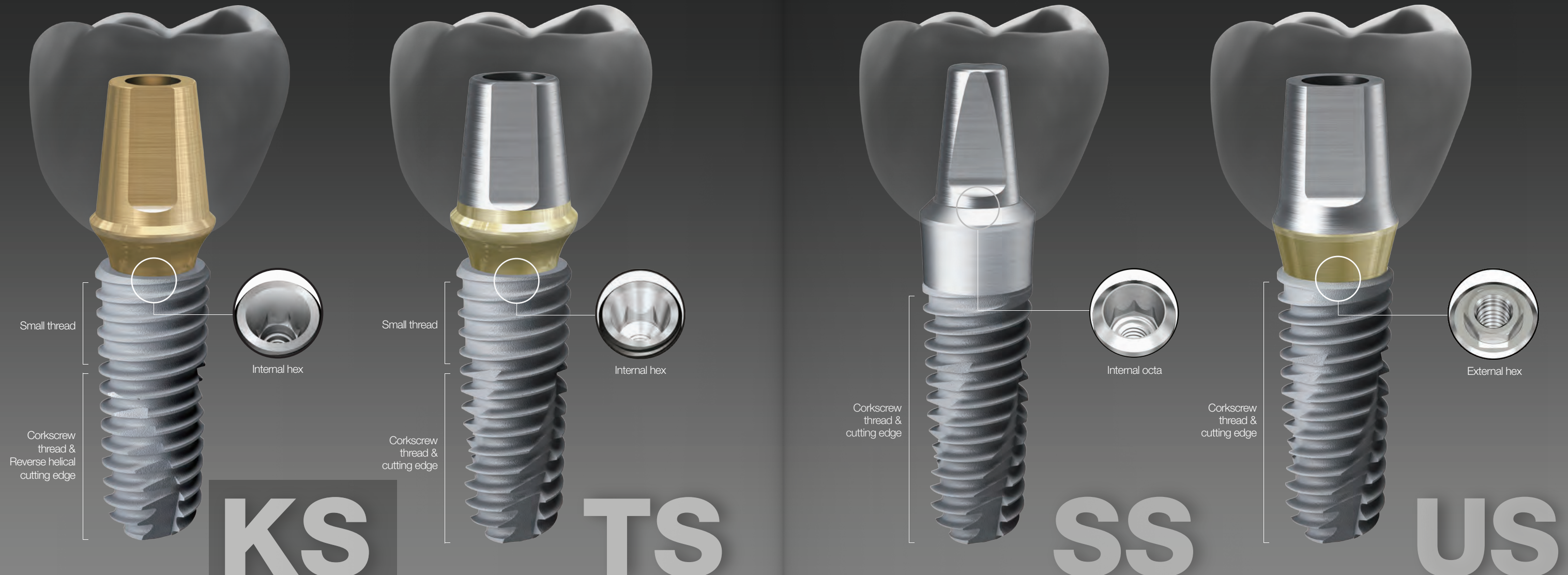


EMEA		ASIA / OCEANIA	
GERMANY	ITALY	KOREA	AUSTRALIA
RUSSIA	CROATIA	JAPAN	NEW ZEALAND
UKRAINE	GREECE	CHINA	TURKEY
FRANCE	LATVIA	CHINESE TAIPEI	PAKISTAN
HUNGARY	ESTONIA	VIETNAM	KUWAIT
SWITZERLAND	LEBANON	BANGLADESH	U.A.E
NORWAY	TUNISI	HONG KONG, CHINA	SAUDI
FINLAND	MACEDONIA	MONGOLIA	IRAN
UK	SLOVENIA	MALAYSIA	CAMBODIA
POLAND	KOSOVO	SINGAPORE	PAPUA NEW GUINEA
ROMANIA	BULGARIA	INDIA	MYANMAR
CZECH	GEORGIA	PHILIPPINES	SRI LANKA
SLOVAKIA	EGYPT	THAILAND	OMAN
SERBIA	SOUTH AFRICA	INDONESIA	JORDAN
PORTUGAL	ALBANIA	KAZAKHSTAN	PALESTINE
SPAIN	TAJIKISTAN	UZBEKISTAN	

N/S.AMERICA	
CANADA	COSTA RICA
USA	PERU
MEXICO	BRAZIL
CHILE	

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|--|--|---|--|--|--|--|---|
| <p>1997</p> <ul style="list-style-type: none"> 01 Established Osstem(D&D System) 12 Launched "Doobunae"(health insurance claiming software) <p>2000</p> <ul style="list-style-type: none"> 06 Launched "Hanaro" (total denta) 12 Acquired Sumin Comprehensive Dental Materials (South Korea's first implant manufacturer) <p>2001</p> <ul style="list-style-type: none"> 01 CE-0434 certification 03 Established AIC Training Center <p>2002</p> <ul style="list-style-type: none"> 01 Osstem Implant Research Center 08 Obtained US FDA certificate | <p>2003</p> <ul style="list-style-type: none"> 07 Established Information System Research Institute <p>2006</p> <ul style="list-style-type: none"> 03 Changed the company name to Osstem Implant Co., Ltd. 09 Established a subsidiary in the U.S. (HIOSEN), and set up the manufacturing facilities 12 Completed the first -phase establishment of overseas subsidiaries (12 countries) <p>2007</p> <ul style="list-style-type: none"> 02 Listed on KOSDAQ and began trading 11 Won the "\$10 Million Export Tower" on Trade Day | <p>2008</p> <ul style="list-style-type: none"> 01 Established Osstem Bone Science Research Institute 07 Won the Grand Prize of the 2008 Korea Health Industry Awards by the Ministry of Health, Welfare and Family Affairs <p>2010</p> <ul style="list-style-type: none"> 03 Released TSIII SA implant 06 Released TSIII HA implant <p>2011</p> <ul style="list-style-type: none"> 06 Osstem Implant Research Institute selected as an Advanced Technology Center (ATC) by the Ministry of Trade, Industry and Energy 07 Selected as 2011 World Champ company by KOTRA | <p>2011</p> <ul style="list-style-type: none"> 12 Selected as Current World-Class Product by the Ministry of Knowledge Economy <p>2012</p> <ul style="list-style-type: none"> 02 Opened denall.com 06 Released TSIII CA implant 06 Released denjob.com 07 Established Medical Equipment Research Center <p>2013</p> <ul style="list-style-type: none"> 01 Released Xenograft A-Oss 09 Launched "K3 dental unit chair" <p>2014</p> <ul style="list-style-type: none"> 05 Launched impression material "Hysil" 08 Launched whitening solution "BeauTis" | <p>2015</p> <ul style="list-style-type: none"> 03 Established Osstem Pharma Co., Ltd. 12 Awarded the "\$50 Million Export Tower" on Trade Day <p>2016</p> <ul style="list-style-type: none"> 01 Founded Vussen - Osstem Toothcare 02 Released TSIII BA 03 Acquired Cardiotec Co., Ltd. 04 Launched the dental clinic interior design business 06 Released TSIII SOI 08 Acquired Hubit Co., Ltd. 11 Launched "OneGuide" 12 K3 Unit Chair was selected as a "Next Generation World Class Product" by the Ministry of Knowledge Economy | <p>2017</p> <ul style="list-style-type: none"> 04 Launched Dental Imaging Equipment Lineup (T1) 12 Won the Presidential Award at 2017 Government Commendation for Job Creation Established a subsidiary in New Zealand (27 subsidiaries in total) <p>2018</p> <ul style="list-style-type: none"> 01 Won the Grand Prize at the 12th Customer Satisfaction Management Award Ceremony Established Dental Interior Research Institute 11 Won the '2018 SW Enterprise Quality Award' by Ministry of Science and Technology 12 Won the "\$100 Million Export Tower" on Trade Day | <p>2019</p> <ul style="list-style-type: none"> 01 Sales exceeded 500 billion KRW, the first milestone as a domestic medical device company 04 World No.1 seller for fixtures for two consecutive years (2017, 2018) 08 Opened manufacturing corporation in Yancheng, China 10 Established a subsidiary in Brazil (28 subsidiaries in 26 countries in total) 12 Five awards on the 56th national trade day (Brand top, Industrial service, Presidential citation, Prime minister citation, KITA) <p>2020</p> <ul style="list-style-type: none"> 01 Launched "OneClick" the electronic chat for dental clinics 02 Established "DenAll", the comprehensive dental portal | <p>2020</p> <ul style="list-style-type: none"> 07 Completion of Osstem Implant Twin Towers construction citation) Relocation of HQ and research institutes 11 Acquired governmental certificate of Innovative Medical Device company (Ministry of Health and Welfare) 12 Held Global Osstem Meeting 2021 Seoul SOI Implant of Osstem received the Prime Minister Award at the Korea National Technology Grand Prize Contest (Ministry of Trade, Industry and Energy) <p>2021</p> <ul style="list-style-type: none"> 01 World No.1 seller for fixtures for four consecutive years (2017-2020) 03 Established Osstem Interior Co., Ltd. 05 Launched Dental Imaging Equipment Lineup for Next-Generation (T2) 06 Launched K5 premium dental unit chair 09 30 subsidiaries in 26 countries in total |
|--|--|---|--|--|--|--|---|

OSSTEM[®] Implant Design feature



Next-generation submerged type implant with an internal hex 15° tapered connection structure

- Connection - **Regular only** (2.1 hex single platform)
 - Improved strength with a narrower and deeper connection
 - Reduced prosthetic errors and inventory burden because of not having to change the connection (Mini/Regular)
- Abutment holding system applied to enable screw fastening with one hand
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- Corkscrew thread & cutting edge
 - Superior self-threading effect for ease of placement path adjustment
 - Enhanced initial stability in soft bone and application of consistent placement torque according to the drill diameter
- Applicable surface types - SA / BA / SOI

Submerged type implant with an internal hex 11° tapered connection structure

- Connection - **Mini / Regular**
- Effect of improved initial stability in soft bone with smaller threads in the upper section
- Corkscrew thread & cutting edge
 - Superior self-threading effect for ease of placement path adjustment
 - Enhanced initial stability in soft bone and application of consistent placement torque according to the drill diameter
- Various body shape options available to match the patient's bone quality and clinical condition
 - TSII (straight body) : Easy to adjust placement depth
 - TSIII (1.5° tapered body) Excellent initial stability needed for immediate loading even in soft bone
 - TSIV (6° tapered body) Specifically designed for use in maxillary sinus and soft bone, providing excellent initial stability
- Applicable surface types - SA / CA / BA / SOI

Non-submerged type implant with an internal octa 8° tapered connection based on the 1st stage surgery

- Connection - **Regular / Wide**
- Corkscrew thread & cutting edge
 - Superior self-threading effect for ease of placement path adjustment
 - Enhanced initial stability in soft bone and application of consistent placement torque according to the drill diameter
- Various body shape options available to match the patient's bone quality and clinical condition
 - SSII (straight body) : Ease of placement depth adjustment
 - SSIII (1.5° tapered body) : Excellent initial stability needed for immediate loading even in soft bone
- Applicable surface types - SA / CA / BA

Submerged type implant with an external hex connection structure

- Connection - **Mini / Regular / Wide / Wide PS**
- Corkscrew thread & cutting edge
 - Superior self-threading effect for ease of placement path adjustment
 - Enhanced initial stability in soft bone and application of consistent placement torque according to the drill diameter
- Various body shape options available to match the patient's bone quality and clinical condition
 - USII (straight body) : Ease of placement depth adjustment
 - USIII (1.5° tapered body) : Excellent initial stability needed for immediate loading even in soft bone
 - USIV (6° tapered body) : Specifically designed for use in maxillary sinus and soft bone, providing excellent initial stability
- Applicable surface types - SA / CA

OSSTEM[®] Implant Surface feature

Surface treatment technologies are one of the key factors to ensure safe and efficient treatment, allowing improvement of the osseointegration between the implant and bone tissue.

OSSTEM IMPLANT proudly presents its world-class surface technologies.

SA CA BA SOI

Optimized surface morphology through acid-etching treatment

- Surface roughness: Ra 2.0-3.0 μ m (Note: the roughness in the upper 0.5mm part is Ra 0.5-0.6 μ m)
- Uniform surface micro-pits of 1~3 μ m
- Surface area increased by 46% compared to resorbable blast media (RBM) treated implants

In-vitro and In-vivo Bone Response

- Osteoblast differentiation and ossification improved by 20% compared to RBM-treated implants
- Initial bone response in a large animal model (mini-pig)
 - Initial stability (removal torque (RT), 4 weeks) improved by 48% compared to RBM-treated implants
 - Ossification (bone implant contact (BIC), 4 weeks) improved by 20% compared to RBM-treated implants

Super-hydrophilic SA surface immersed in a calcium solution

- The same surface morphology as SA surfaces
- Enhancing the chemical activation of the surface by immersing in a calcium chloride solution (CaCl₂)
- Increased ossification area with excellent blood wettability
- Bone response improved in early osseointegration stage compared to standard SA surface

In-vitro and In-vivo Bone Response

- Protein and cellular adhesion tripled compared to SA surfaces
- Initial cellular differentiation (7 days) improved by 19% compared to SA surfaces
 - Initial stability (RT, 4 weeks) improved by 34% compared to SA surfaces
 - Ossification (BIC, 4 weeks) improved by 26% compared to SA surfaces

Premium low crystalline nano-HA coated SA surface

- 10nm ultra-thin HA coating
- SA surface (Ra 2.0~3.011 μ m) coated with HA
- Dual functions of titanium and HA
 - HA is naturally resorbed during ossification

In-vitro and In-vivo Bone Response

- Combination of advantages of both SA surfaces and HA
 - SA's ability to maintain the optimal surface morphology
 - HA's ability of high-quality bone formation even in bones of poor quality
- Ossification (BIC) improved by 40% compared to SA surfaces
- Applicable to all types of bone quality compared to HA

Next-generation surface with hemostatic effect and pH control feature

- Activation of blood clot formation
- Prevention of carbon adsorption in air
- The same surface roughness (Ra 2.0-3.0 μ m) as SA surfaces
- Superior blood wettability with super-hydrophilic surface

In-vitro and In-vivo Bone Response

- Protein and cellular adhesion increased by 130 times compared to SA surfaces
- Initial stability (RT, 4 weeks) improved by 57% compared to SA surfaces
- Surface with the shortest duration of treatment

KS SYSTEM Contents

042
KSIII SA
Implant



044
KSIII BA
Implant



046
KSIII SOI
Implant



048
Simple
Mount



048
Cover
Screw



049
Healing
Abutment



053
Rigid
Abutment



056
Transfer
Abutment



058
Bite
Impression
Coping



059
Bite
Impression
Coping
Driver



059
Bite
Index



060
Pick-up
Impression
Coping



061
Transfer
Impression
Coping



062
Implant
Lab
Analog



062
Laboratory
Screw



065
Angled
Abutment



067
FreeForm
ST
Abutment



069
GoldCast
Abutment



070
NP-Cast
Abutment



071
Temporary
Abutment



073
Multi
Abutment



074
Multi
Angled
Abutment



075
Stud
Abutment



076
Port
Abutment








077
Port
Angled
Abutment













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TS SYSTEM Contents 1/2






084 TSII SA Implant  086 TSII BA Implant  088 TSIII SA Implant  090 TSIII CA Implant  092 TSIII BA Implant 






094 TSIII SOI Implant  096 TSIV SA Implant  098 TSIV CA Implant  100 TSIV BA Implant  102 Simple Mount 

103 Cover Screw  103 GBR Cover Screw  104 Healing Abutment  105 Custom Healing Abutment  107 Rigid Abutment 






110 Rigid Protect Cap  110 Rigid Retraction Cap  110 Rigid Impression Coping  111 Rigid Burn-out Cylinder  111 Rigid Lab Analog 

112 Transfer Abutment  116 Transfer ID Abutment  120 Bite Impression Coping  121 Bite Impression Coping Driver  121 Bite Index 






122 Implant Pick-up Impression Coping  123 Implant Transfer Impression Coping  124 Laboratory Screw  124 Implant Lab Analog  127 Angled Abutment 

129 FreeForm ST Abutment  131 FreeForm ST ID Abutment  133 GoldCast Abutment  134 NP-Cast Abutment  137 Quick Temporary Abutment 






139 Temporary Abutment  141 Multi Abutment  142 Multi Abutment Outer Driver  142 Multi Abutment Machine Driver  142 Multi Abutment NP-Cast Cylinder 





143 Multi Combination Cylinder  144 Multi Angled Abutment  145 TS Multi Ti Base  145 TS Multi Scan Body  147 Convertible Abutment 

149 Convertible Combination Cylinder  149 Convertible Angled Cylinder  149 Convertible GoldCast Cylinder  150 Convertible Temporary Cylinder  150 Convertible Plastic Cylinder 










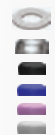













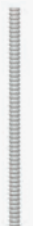

151 Convertible Pick-up Impression Coping  151 Convertible Transfer Impression Coping  152 Convertible Protect Cap  152 Convertible Lab Analog  152 Convertible Polishing Protector 

155 Port Abutment  156 Port Male KIT  156 Port Replacement Male  156 Port Extended Replacement Male  156 Port Black Processing Male 

157 Port Male Cap  157 Port Block Out Spacers  157 Port Impression Coping  157 Port Lab Analog  158 Port Angled Abutment 

160 Port Angled Abutment Head  161 Locator® R-Tx Abutment  162 Zero Retention Insert  162 Low Retention Insert  162 Medium Retention Insert 

TS SYSTEM Contents 2/2

162 High Retention Insert 	162 Processing Insert 	162 Denture Attachment Cap 	163 Block-out Spacer 	163 Processing Spacer 
163 Impression Coping 	163 Lab Analog 	163 R-Tx Male Insert Tool 	164 Locator® Abutment 	165 Locator® Male Processing Kit 
165 Locator® Replacement Male 	165 Locator® Extended Replacement Male 	166 Locator® Black Processing Male 	166 Locator® Block Out Spacers 	166 Locator® Impression Coping 
166 Locator® Lab Analog 	167 Locator® Core Tool 	167 Locator® Torque Driver 	168 Stud Abutment 	169 O-ring Retainer Cap Set 
169 O-ring Retainer Set 	169 O-ring Set 	169 O-ring Lab Analog 	170 OneSeal 	171 TS Abutment Selector 

OSSTEM[®]
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











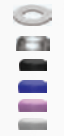








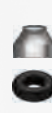




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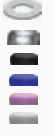














SS SYSTEM Contents

176 SSII SA Implant		178 SSII CA Implant		180 SSII BA Implant		182 SSIII SA Implant		186 SSIII CA Implant	
190 SSIII BA Implant		194 Simple Mount		194 Cover Screw		195 Closing Screw		196 Healing Abutment	
199 Solid Abutment		200 Solid Protect Cap		200 Solid Retraction Cap		201 Solid Impression Coping		201 Solid Lab Analog	
201 Solid Burn-out Cylinder		202 Excellent Solid Abutment		203 Excellent Solid Protect Cap		203 Excellent Solid Retraction Cap		204 Excellent Solid Impression Coping	
204 Excellent Solid Lab Analog		204 Excellent Solid Burn-out Cylinder		207 ComOcta Abutment		208 ComOcta Protect Cap		208 ComOcta Retraction Cap	
208 ComOcta Impression Coping		208 ComOcta Lab Analog		209 Implant Pick-up Impression Coping		210 Implant Transfer Impression Coping		210 Implant Lab Analog	
212 ComOcta Plus Abutment		214 ComOcta Plus ID Abutment		216 ComOcta Milling Abutment		217 ComOcta Gold Abutment		218 ComOcta NP-Cast Abutment	

219 ComOcta Temporary Abutment		220 ComOcta Angled Abutment		223 Octa Abutment		224 Octa Protect Cap		224 Octa Gold Cylinder	
224 Octa Combination Cylinder		225 Octa Temporary Cylinder		225 Octa Plastic Cylinder		226 Octa Pick-up Impression Coping		226 Octa Transfer Impression Coping	
226 Octa Lab Analog		229 Port Abutment		230 Port Male KIT		230 Port Replacement Male		230 Port Extended Replacement Male	
230 Port Black Processing Male		231 Port Male Cap		231 Port Block Out Spacers		231 Port Impression Coping		231 Port Lab Analog	
232 Locator® Abutment		233 Locator® Male Processing Kit		233 Locator® Replacement Male		233 Locator® Extended Replacement Male		234 Locator® Black Processing Male	
234 Locator® Block Out Spacers		234 Locator® Impression Coping		234 Locator® Lab Analog		235 Locator® Core Tool / Torque Driver		236 O-ring Abutment	
237 O-ring Retainer Cap Set		237 O-ring Retainer Set		237 O-ring Set		237 O-ring Lab Analog		238 OneSeal	

US SYSTEM Contents

244 USII SA Implant		246 USII CA Implant		248 USIII SA Implant		250 USIII CA Implant		252 USIV SA Implant	
254 Simple Mount		254 Cover Screw		254 Headless Cover Screw		255 Healing Abutment		257 Cement Abutment	
260 Cement ID Abutment		263 Angled Abutment		265 GoldCast Abutment		266 NP-Cast Abutment		267 Plastic Abutment	
268 Temporary Abutment		269 Implant Pick-Up Impression Coping		270 Implant Transfer Impression Coping		271 Implant Lab Analog		271 UCLA Polishing Protector	
272 Safe Abutment		276 Esthetic Abutment		277 Esthetic Healing Cap		277 Esthetic Gold Cylinder		277 Esthetic Plastic Cylinder	
278 Esthetic Temporary Cylinder		278 Esthetic Pick-up Impression Coping		279 Esthetic Transfer Impression Coping		279 Esthetic Lab Analog		279 Esthetic Polishing Protector	
280 Esthetic- low Abutment		282 Esthetic-low Healing Cap		282 Esthetic- low Gold Cylinder		282 Esthetic- low Plastic Cylinder		283 Esthetic- low Temporary Cylinder Standard Type	

283 Esthetic- low Temporary Cylinder Narrow Type		284 Esthetic- low Pick-up Impression Coping		284 Esthetic- low Transfer Impression Coping		284 Esthetic- low Lab Analog		285 Esthetic- low Polishing Protector	
286 Multi Angled Abutment		289 Port Abutment		291 Port Male KIT		291 Port Replacement Male		291 Port Extended Replacement Male	
291 Port Black Processing Male		292 Port Male Cap		292 Port Block Out Spacers		292 Port Impression Coping		292 Port Lab Analog	
293 Locator® Abutment		294 Locator® Male Processing Kit		294 Locator® Replacement Male		294 Locator® Extended Replacement Male		295 Locator® Black Processing Male	
295 Locator® Block Out Spacers		295 Locator® Impression Coping		295 Locator® Lab Analog		296 Locator® Core Tool		296 Locator® Torque Driver	
297 O-ring Abutment		298 O-ring Retainer Cap Set		298 O-ring Retainer Set		298 O-ring Set		298 O-ring Lab Analog	
299 OneSeal									

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302 MS SA Implant Narrow Ridge	303 MS RBM Implant Narrow Ridge	304 Impression Coping (Narrow Ridge)	304 Temporary Cap	304 Lab Analog
304 Burn-out Cylinder	306 MS SA Implant Denture	307 MS RBM Implant Denture	308 O-ring Retainer Cap Set	308 O-ring Set
308 O-ring Lab Analog (Denture)	310 MS Implant Provisional	311 Provisional Cap	311 Lab Analog	312 MS KIT
313 Drill for MS Implant	313 Driver for Narrow Ridge & Provisional Type	314 Driver for Denture Type	314 Gauge for MS Implant	314 Torque Driver Handle
315 Driver Separator	315 MS Removal Tool			






OS SYSTEM Contents






320 OrthAnchor Simple Head	322 OrthAnchor Through Hole	324 OrthAnchor Small Head	325 OrthAnchor Bracket Head	326 OrthAnchor Simple Head Half Etched
328 OrthAnchor Through Hole Half Etched	330 Ortho KIT	331 Drill	331 Universal Handle	331 Driver Tip
332 Hand Drill	332 Driver Handle	332 Hand Driver	333 Machine Driver	334 ORP KIT
335 Perforation Drill (Handle)	335 Perforation Drill (e-Driver)	336 Perforation Drill (Engine)	336 Drill	337 Universal Handle
337 Driver Tip	337 Hand Drill	338 Driver Handle	338 Hand Driver	338 Machine Driver
339 Removal Tool (Handle)	339 Removal Tool (Engine)	340 e-Driver	340 e-Driver Plus	341 V-ceph

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344 122 Taper KIT  345 122 Taper Full KIT  352 Taper KIT  353 Taper Ultra KIT  360 123 Straight Simple KIT 

361 123 Straight KIT  362 123 Straight Full KIT  370 New Hanaro KIT  372 Ultra KIT  384 485 KIT 






388 Assist KIT  390 123 Guide Drill  390 Lance Drill (Guide Drill)  390 Sidecut Drill  391 122 Taper Drilli 




392 Taper Drill  392 Taper Ultra Drill  393 485 Drill  393 123 Twist Drill  394 123 Drill Stopper 






394 123 Twist Drill (Stopper Drill)  395 123 Ultra Twist Drill  395 Twist Drill (Stopper Drill)  396 Twist Drill (Non Stopper Drill)  396 Direct Drill 






397 Long Shank Pilot Drill  397 Countersink (USII, USIII, US Wide PS, US Wide)  397 Taper Cortical Drill (Taper Implant TSIII, SSIII, USIII)  398 Cortical Drill (Ultra-Wide)  398 123 Cortical Drill 






398 Cortical Drill 2 (TSII, SSII)  399 Cortical Drill 3 (Taper Implant TSIII, SSIII, USIII, KSIII)  399 Tapered Implant Tap (Taper Implant TSIII, SSIII, USIII, KSIII)  399 Straight Implant Tap (TSII, USII, SSII)  400 Parallel Pin (122 Taper Drill) 

400 Parallel Pin (Taper Drill)  400 Parallel Pin (123 Drill)  400 Parallel Pin  401 Trial Pin (Ultra-wide)  401 Tissue Punch 

402 Bone Profiler (TS/KS)  402 Bone Profiler (US)  403 Trepine Drill  403 Crest Remover  403 AutoBone Collector® 

404 Drill Extension  404 TS NoMount Driver  404 KS NoMount Driver  404 SS NoMount Driver  405 US NoMount Driver 

405 TS NoMount Torque Driver  405 SS NoMount Torque Driver  406 TS Implant Driver  406 KS Implant Driver  406 SS Implant Driver 

406 US Implant Driver  407 Simple Mount Driver  407 Simple Mount Extension  407 Torque Extension  407 Removal Tool (Implant Mount) 

408 Positioning Guide  408 Tissue Height Gauge (TS)  408 Depth Gauge  408 Simple Open Wrench  409 Ratchet Wrench 

409 L-Wrench  409 Torque Wrench (Spring Type)  409 Torque Wrench (Bar Type)  410 Torque Wrench Set  410 Bone Mill 

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410 Anterior Hand Driver (Implant)		410 Torque Handle		411 Torque Connector		411 Machine Driver Connector		411 Driver Handle	
411 Machine Driver Handle		412 Finishing Reamer Set		414 Prosthetic Simple KIT		415 Prosthetic KIT		416 Hand Driver	
416 Machine Screw Driver		417 Torque Driver		417 Angled Torque Driver		417 Repair Torque Driver		418 Solid Abutment Driver	
418 O-ring Abutment Driver		418 Rigid Outer Driver		419 Excellent Solid Abutment Driver		419 Octa Abutment Driver		420 Multi Abutment Machine Driver	
420 Abutment Holder		420 Abutment Positioning Driver		420 Multi Abutment Outer Driver		421 Locator® Torque Driver		421 Osstem Torque Driver	
421 Path Probe (TS)		421 Path Probe (KS)		422 Reamer Bite		422 Reamer Tip (Rigid Abutment)		422 Reamer Tip (Solid, Excellent Solid Abutment)	
424 CAS KIT		425 CAS Drill		425 Guide Drill		425 Twist Drill (Ø 2.2)		426 Hydraulic Membrane Lifter Set	







426 Stopper		426 Bone Carrier		426 Bone Carrier Head		427 Bone Condenser		427 Hydraulic Membrane Lifter Tube	
427 Membrane Lifter		428 Depth Gauge		428 Bone Spreader		428 Y- Connector		430 LAS KIT	
431 LAS Full KIT		432 Dome Drill		432 Core Drill		432 Side Wall Drill		433 Bone Separator	
433 Stopper		434 Denture 4U KIT		435 Denture 4U Guide		435 Posterior Guide		435 Crest Remover	
436 Anchor Screw		436 Anchor Drill		436 Guided Initial Drill		437 Twist Drill		437 Conutersink	
437 Indicator		437 Path Checker		438 Simple Mount Driver		438 Multi Abutment Machine Driver		438 Multi Abutment Outer Driver	
440 Positioning Guide KIT		441 Positioning Guide Full KIT		442 Guide Drill		442 Single Guide		442 Guide Pin (Implant)	

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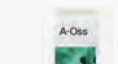





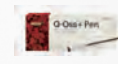




















443 Guide Pin 	443 Bridge Guide 	443 Multi Joint Handle 	443 Denture Guide 	444 L-wrench 
444 Distance Setup Pin 	445 Smart Guide KIT 	446 Smart Guide 	446 Twist Drill 	446 X Sleeve 
447 Twist Drill (Ø2.2) 	447 Guide Pin 	448 ESSET KIT 	449 Crest Remover 	449 Twist Drill 
449 Saw 	450 Expansion Drill 	450 Mount Extension 	450 EXP Mount Driver 	451 Saw Protector 
451 Torque Wrench (Bar Type) 	451 Depth Gauge 	452 IM-Cure KIT 	453 Metal Probe 	453 Plastic Probe 
453 Curette 	454 Protect Screw 	454 Smart Brush 1 	454 Smart Brush 2 	455 Metal Scaler 
455 Plastic Scaler Connector 	455 Plastic Scaler Tip 	456 ESR KIT 	457 ESR Full KIT 	458 Guide 





















461 Reverse Drill 	461 Screw Removal Drill (SR Drill) 	461 Torque Driver Handle 	462 Reverse Driver 	462 Screw Removal Tip (SR Tip) 
462 Screw Holder 	463 Re-tap 	463 ESR Handle 	463 Abutment Removal Tip (AR Tip) 	464 Slot Driver 
464 Transfer Abutment Separate Tool 	466 EIR KIT 	467 EIR Full KIT 	468 Remover Screw 	470 Screw Driver 
470 Remover Body 	470 Torque Extension 	471 Torque Wrench 	471 Implant Wrench 	472 Dr.Cho's instrument KIT 
473 Osstem Basic instrument KIT 	476 Custom KIT 	477 Healing Case 	478 Osteo KIT 	479 Osteotome KIT 
480 Sinus KIT 	481 Bone Spreader KIT 	482 Ridge Split KIT Straight 	482 Ridge Split KIT Offset 	



































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GBR & Dental Material Contents













486 Allograft SureOss (FDBA)		486 Allograft SureOss-D (DFDBA)		486 Allograft CANOSS (FDBA)		487 Allograft OsteOss (FDBA)		487 Allograft Ingross (FDBA+DFDBA)	
488 Allograft SureFuse II		488 Allograft ExFuse II		489 Allograft Genesis (FDBA)		490 Xenograft A-Oss		490 Xenograft A-Oss (Collagen Type)	
491 Xenograft A-Oss PEN (Syringe Type)		491 Xenograft Ossbone Collagen		492 Alloplastic graft Q-Oss+		492 Alloplastic graft Q-Oss+ (Collagen Type)		493 Alloplastic graft Q-Oss+ PEN (Syringe Type)	
493 Alloplastic graft Bongros		494 Resorbable membrane OssGuide™		494 Resorbable membrane Cytoplast RTM Collagen		495 Resorbable membrane AteloCare Sheet Type		495 Resorbable membrane CollaDerm Plug Type	
496 Resorbable membrane OssMem Soft		496 Resorbable membrane OssMem Hard		497 Resorbable membrane SureDerm		498 Non- resorbable membrane Cytoplast TXT-200		498 Non- resorbable membrane Cytoplast TI-250	
499 Non- resorbable membrane Osteo-Mesh		501 Builder Type OB2		502 OssBuilder OB3		503 Healing Cap (TS)		503 Cover Cap (TS)	
503 OB Anchor (TS)		504 Healing Cap (US)		504 Cover Cap (US)		504 OB Anchor (US)		505 OB Anchor (KS)	

505 Tenting Screw		505 Defect Gauge		506 OssBuilder KIT		507 Tenting Screw Drill		507 Stopper	
508 AutoBone Collector		508 Stopper		508 Bone Ejector		509 Membrane fixation screws Bone Screw		510 Membrane fixation screws Bone Tack	
512 GBR KIT		513 Bone Screw Driver Tip (Handle)		513 Universal Handle		513 Bone Screw Driver (Engine)		513 Ø1.3 Drill	
514 Bone Tack Holder		514 Bone Tack Ejector		516 Impression Materials HySil Plus		519 Impression Materials HyMix		520 Impression Materials Accessory	

524 TRIOS4 POD 	524 TRIOS4 MOVE PLUS 	525 TRIOS3 Wireless POD 	525 TRIOS3 POD 	526 Design Studio 
526 Implant Studio 	526 Clear Aligner Studio (T) 	526 Indirect Bonding Studio 	527 Ortho System Premium 	527 Dental system 
528 OneMill 4X 	528 OneMill 5X 	528 O2-M4 	529 O2- FURNACE2 	529 Programat P310 (Ivoclar) 
530 Estar-Z T 	530 Estar-Z ST 	531 Estar-Z HT 	531 Estar-Z HT Block 	532 Estar-Z Multi 
532 Estar-Z Multi Block 	533 Estar-Z ^E HT 	533 Estar-Z ^E HT Block 	534 Zircon / Zircen 	535 IPS e.max CAD 
536 IPS Empress CAD 	537 Enamic 	538 Hybrid Ceramic (Disk) 	538 Hybrid Ceramic (Block) 	539 PMMA (Disk) 
539 PMMA (Block) 	540 WAX 	541 ONEJET LCD 	541 ONEJET CURE PLUS 	541 ONEJET DLP PLUS 

542 ONEJET Surgical Guide 	542 ONEJET Model Beige 	542 ONEJET C&B 	542 ONEJET Base 	544 One Guide KIT 
545 Tissue Punch 	545 Flattening Drill 	546 Initial Drill 	546 Initial Drill (Short type) 	546 OneGuide Twist Drill (Ø2.2) 
547 OneGuide Taper Drill 	548 OneGuide Taper Cortical Drill 	548 NoMount Driver 	549 Implant Driver 	549 Implant Driver (Stopper type) 
550 OneGuide KS NoMount Driver 	550 OneGuide KS Implant Driver 	551 OneGuide SS NoMount Driver 	551 OneGuide SS Implant Driver 	551 OneGuide Drill Handle 
552 OneGuide US NoMount Driver 	552 OneGuide US Implant Driver 	553 OneGuide Path Drill 	553 Anchor Drill 	553 Mount Driver (OneGuide Anchor Driver) 
554 Anchor Screw 	566 One Positioning KIT 	572 One CAS KIT 	573 OneCAS Twist Drill (Ø2.2) 	573 OneCAS Drill 
574 OneCAS Stopper 	574 Depth Gauge 	575 Hydraulic Membrane Lifter 	575 Bone Carrier Head 	575 Bone Carrier 

578 OneMS KIT 	579 Tissue Punch 	579 Flattening Drill 	580 OneMS Drill 	580 OneMS Cortical Drill 
581 MS Narrow Ridge NoMount Driver 	581 NoMount Driver 	581 MS Narrow Ridge Implant Driver 	582 Implant Driver 	582 Implant Driver (Stopper Type) 
582 Adapter 	583 Driver Separator 	583 OneMS Path Drill 	583 OneMS Lance Drill 	586 One485 KIT 
587 One485 Twist Drill 	587 One485 Pilot Drill 	588 One485 Drill 	604 OneGuide KIT(Short) 	605 OneGuide Twist Drill(Short) (Ø2.2) 
605 OneGuide Taper Drill(Short) 	606 OneGuide Accessory KIT 	608 OneGuide Twist Drill 	608 OneGuide Bone Anchor 	608 OneGuide Implant Anchor 
609 OneGuide Reamer Drill 	609 OneGuide Metal Sleeve Press-in Jig 	609 OneGuide Metal Sleeve 	610 CT Checker 	610 Resin Marker 
612 KS Scan Body 	613 TS Scan Body 	614 SS Scan Body 	615 US Scan Body 	616 Scan Body Specification Setting Guide 

617 Scan Body Holding Driver 	618 TS Scan Healing Abutment 	619 TS Scan Healing Abutment Carrier 	620 Digital Lab Analog (KS, TS, SS, US) 	621 Reamer Drill 
622 Positioning Jig 	622 Screw Bulk 	623 OneFit Abutment 	624 KS Pre-Milled Abutment 	625 TS Pre-Milled Abutment 
630 SS Pre-Milled Abutment 	631 US Pre-Milled Abutment 	632 KS Link Abutment for Public 	634 TS Link Abutment for Public 	635 SS Link Abutment for Public 
636 US Link Abutment for Public 	637 KS Link Abutment for Cerec 	637 KS Cerec Scan Post 	638 TS Link Abutment for Cerec 	639 Cerec Scan Post 
639 Cerec Scan Body 	640 TS Multi Ti Base 	640 TS Multi Scan Body 	641 Magic4 	642 MagicAlign 

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646
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Surgery
Shank CL09
(SURG300P)



646
INTRA-LUX
Surgery
Head CL3
(SURG300P)



647
EXPERTsurg
LUX



647
SURGmatic
S201L PRO



647
SURGmatic
S11L



648
SM3



648
S200EL



650
SONICflex®



651
SONICflex®
Scaler



651
SONICflex®
Paro



651
SONICflex®
Rootplaner



652
SONICflex®
Clean



652
SONICflex®
Prep Ceram



653
SONICflex®
Prep Gold



653
SONICflex®
Prep CAD/
CAM



653
SONICflex®
Crown Prep



654
SONICflex®
Cem



654
SONICflex®
Microinvasive



654
SONICflex®
Bevel



655
SONICflex®
Implant Tip



655
SONICflex®
Seal



655
SONICflex®
Line- cari ex
D/TC



656
SONICflex®
Line- endo



657
SONICflex®
Retro



658
Torque
Wrench



658
Sterile
Cassette



659
Osstell
BEACON



660
Osstem
Torque II



660
Osstem
Torque
Driver



OSSTEM[®]
IMPLANT

OSSTEM[®]
IMPLANT



KS SYSTEM

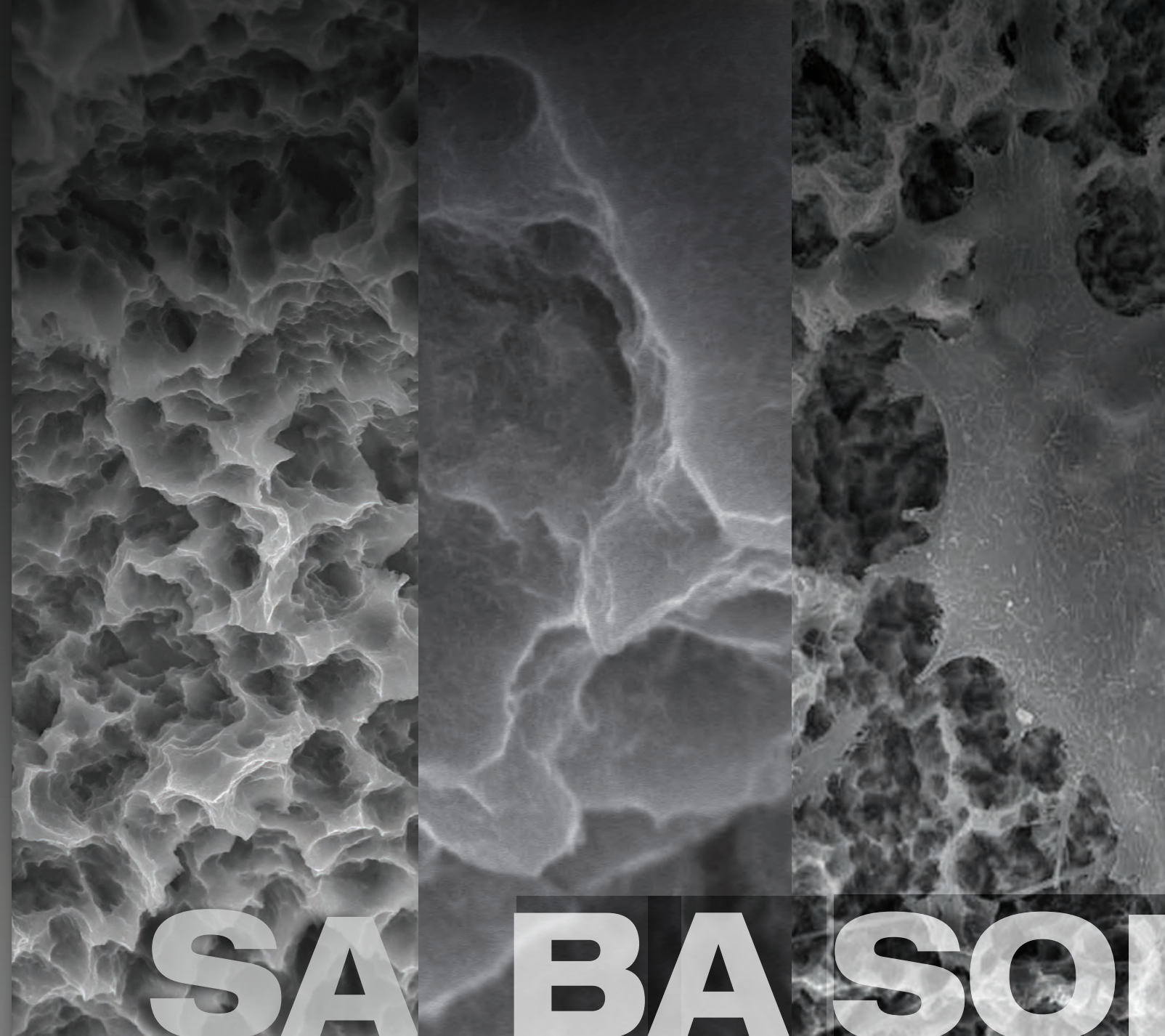
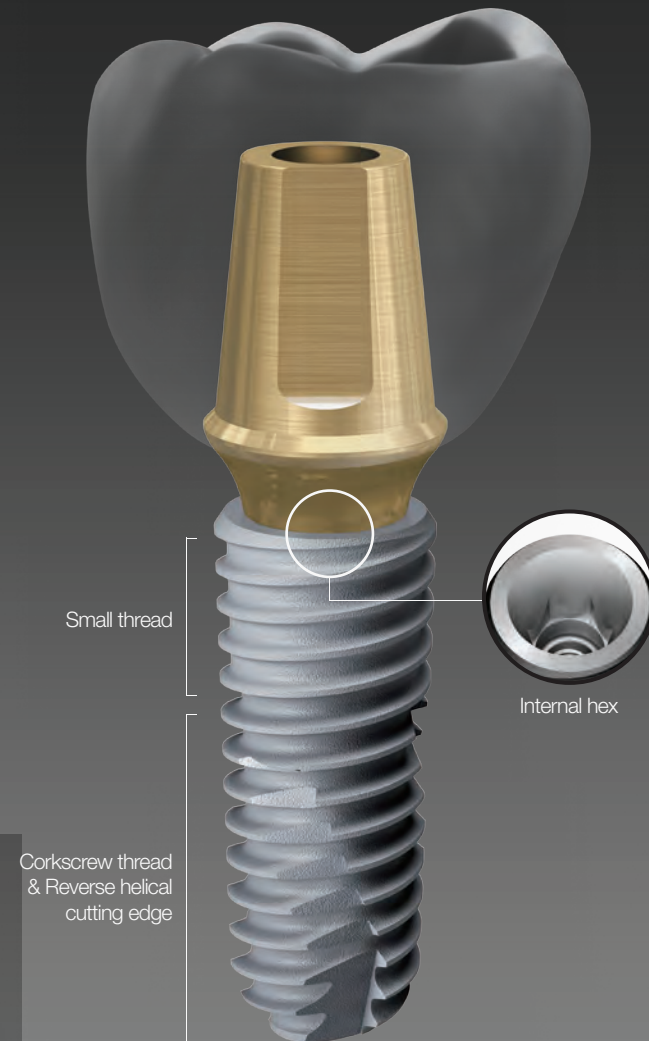
IMPLANT

- 042** KSIII SA Implant
- 044** KSIII BA Implant
- 046** KSIII SOI Implant
- 048** Simple Mount
- 048** Cover Screw
- 049** Healing Abutment

COMPONENTS

- 052** PROSTHETIC FLOW DIAGRAM 1
- 053** Rigid Abutment
- 056** Transfer Abutment
- 064** PROSTHETIC FLOW DIAGRAM 2
- 065** Angled Abutment
- 067** FreeForm ST Abutment
- 069** GoldCast Abutment
- 070** NP-Cast Abutment
- 071** Temporary Abutment
- 072** PROSTHETIC FLOW DIAGRAM 3
- 073** Multi Abutment
- 074** Multi Angled Abutment
- 075** Stud Abutment
- 076** Port Abutment
- 077** Port Angled Abutment

KS Design & Surface Feature



KS



KS packaging color information

Next-generation submerged type implant with an internal hex 15° tapered connection structure

- Connection - **Regular only** (2.1hex single platform)
 - Improved strength with a narrower and deeper connection
 - Reduced prosthetic errors and inventory burden because of not having to change the connection (Mini/Regular)
- Abutment holding system applied to enable screw fastening with one hand
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- Corkscrew thread & cutting edge
 - Superior self-threading effect for ease of placement path adjustment
 - Enhanced initial stability in soft bone and application of consistent placement torque according to the drill diameter
- Applicable surface types - SA / BA / SOI

Optimized surface morphology through acid-etching treatment

- Surface roughness: Ra 2.0-3.0 μ m (Note: the roughness in the upper 0.5mm part is Ra 0.5-0.6 μ m)
- Uniform surface micro-pits of 1~3 μ m
- Surface area increased by 46% compared to resorbable blast media (RBM) treated implants

In-vitro and In-vivo Bone Response

- Osteoblast differentiation and ossification improved by 20% compared to RBM-treated implants
- Initial bone response in a large animal model (mini-pig)
 - Initial stability (removal torque (RT), 4 weeks) improved by 48% compared to RBM-treated implants
 - Ossification (bone implant contact (BIC), 4 weeks) improved by 20% compared to RBM-treated implants

Super-hydrophilic SA surface suspended in a calcium solution

- The same surface morphology as SA surfaces
- Enhancing the chemical activation of the surface suspending in a calcium chloride solution (CaCl₂)
- Increased ossification area with excellent blood wettability
- Bone response improved in early osseointegration stage compared to standard SA surface

In-vitro and In-vivo Bone Response

- Protein and cellular adhesion tripled compared to SA surfaces
- Initial cellular differentiation (7 days) improved by 19% compared to SA surfaces
 - Initial stability (RT, 4 weeks) improved by 34% compared to SA surfaces
 - Ossification (BIC, 4 weeks) improved by 26% compared to SA surfaces

Next-generation surface with hemostatic effect and pH control feature

- Activation of blood clot formation
- Prevention of carbon adsorption in air
- The same surface roughness (Ra 2.0-3.0 μ m) as SA surfaces
- Superior blood wettability with super-hydrophilic surface

In-vitro and In-vivo Bone Response

- Protein and cellular adhesion increased by 130 times compared to SA surfaces
- Initial stability (RT, 4 weeks) improved by 57% compared to SA surfaces
- Surface with the shortest duration of treatment

KSIII SA Implant NEW 2020.10

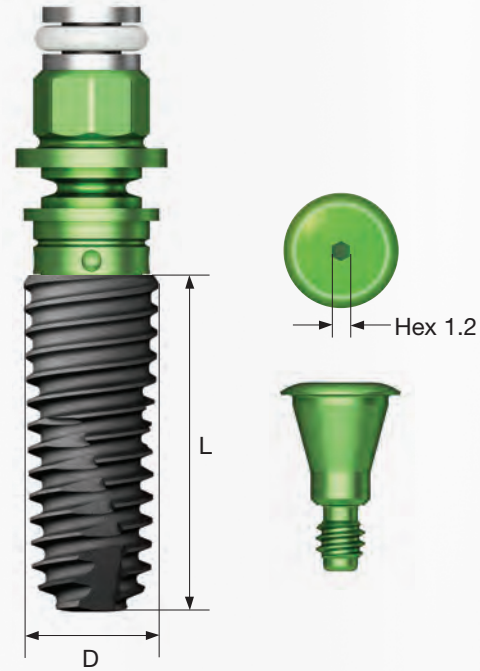
- Next-generation submerged type implant with an internal hex 15° tapered connection structure
- Optimal thread design for realization of optimal SA surface
- Connection : Regular only (2.1hex single platform)
 - Improved strength with a narrower and deeper connection
 - Reduced prosthetic errors and inventory burden because of not having to change the connection (Mini/Regular)
- Abutment holding system applied to enable screw fastening with one hand screw
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- Corkscrew thread & cutting edge
 - Superior self-threading effect for ease of placement path adjustment
 - Enhanced initial stability in soft bone and application of consistent placement torque according to the drill diameter

Narrow

- Used for narrow bone width
- Ease in compensation of placement angle in the anterior region
- Compatible with the existing mini abutments (Not compatible in terms of cover screws, mounts and lab analog)

Ultra-wide

- Useful for posterior region extraction, immediate implant replacement case and failed implant replacement
- With its optimized apex design, the implant achieves initial stability at extraction and lower 3mm
- Recommended placement torque: ≤40Ncm
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case



NoMount implant (implant + cover screw) order code

: C + implant product code (ex : CKS3S4010S)

※ NoMount only for all sizes

NEW 2021.02

D Ø3.0 Hex 2.1 Narrow



L	8.5	10	11.5	13
	KS3S3008S	KS3S3010S	KS3S3011S	KS3S3013S

D Ø3.5 Hex 2.1



L	8.5	10	11.5	13
	KS3S3508S	KS3S3510S	KS3S3511S	KS3S3513S

D Ø4.5 Hex 2.1



L	7	7	8.5	10	11.5	13
	KS3S4506S	KS3S4507S	KS3S4508S	KS3S4510S	KS3S4511S	KS3S4513S

D Ø4.0 Hex 2.1



L	7	7	8.5	10	11.5	13
	KS3S4006S	KS3S4007S	KS3S4008S	KS3S4010S	KS3S4011S	KS3S4013S

D Ø5.0 Hex 2.1



L	6	6	6	7	8.5	10	11.5	13
	KS3S5004S	KS3S5005S	KS3S5006S	KS3S5007S	KS3S5008S	KS3S5010S	KS3S5011S	KS3S5013S

D Ø5.5 Hex 2.1



L	6	7	8.5	10	11.5	13
	KS3S5506S	KS3S5507S	KS3S5508S	KS3S5510S	KS3S5511S	KS3S5513S

Ultra-Wide

D Ø6.0 Hex 2.1



L	6	7	8.5	10	11.5	13
	KS3S6006S	KS3S6007S	KS3S6008S	KS3S6010S	KS3S6011S	KS3S6013S

D Ø7.0 Hex 2.1



L	6	7	8.5	10	11.5	13
	KS3S7006S	KS3S7007S	KS3S7008S	KS3S7010S	KS3S7011S	KS3S7013S

KSIII BA Implant 2019.10

- Next-generation submerged type implant with an internal hex 15° tapered connection structure
- Premium low crystalline nano-HA coated SA surface
- Minimized risk of cracks or detachment of the coating due to the application of bioresorbable coating layer
- Connection : Regular only (2.1hex single platform)
 - Improved strength with a narrower and deeper connection
 - Reduced prosthetic errors and inventory burden because of not having to change the connection (Mini/Regular)
- Abutment holding system applied to enable screw fastening with one hand screw
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- Corkscrew thread & cutting edge
 - Superior self-threading effect for ease of placement path adjustment
 - Enhanced initial stability in soft bone and application of consistent placement torque according to the drill diameter

Ultra-wide

- Useful for posterior region extraction, immediate implant replacement case and failed implant replacement
 - With its optimized apex design, the implant achieves initial stability at extraction and lower 3mm
 - Recommended placement torque: ≤40Ncm
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case

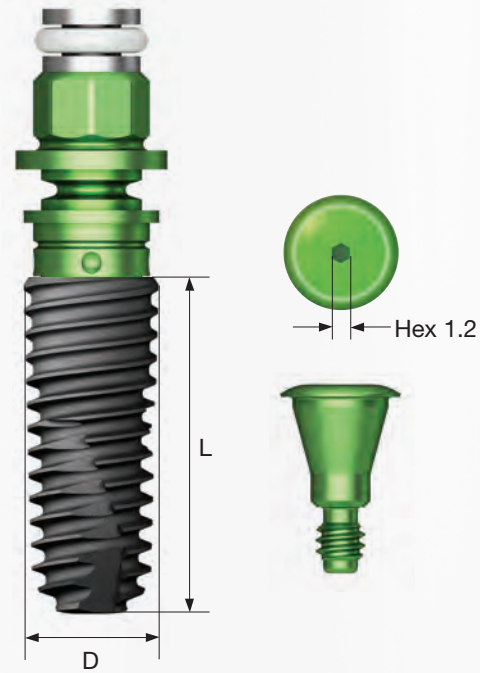
NoMount implant (implant + cover screw) order code

: C + implant product code (ex : CKS3S4010B)

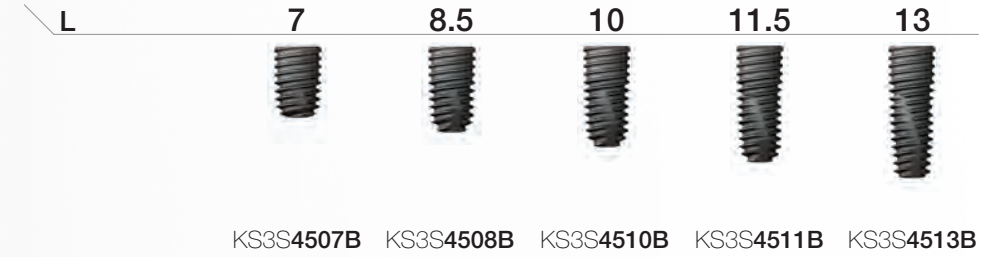
Pre-Mounted implant (implant + mount + cover screw) order code

: B + implant product code (ex : BKS3S4010B)

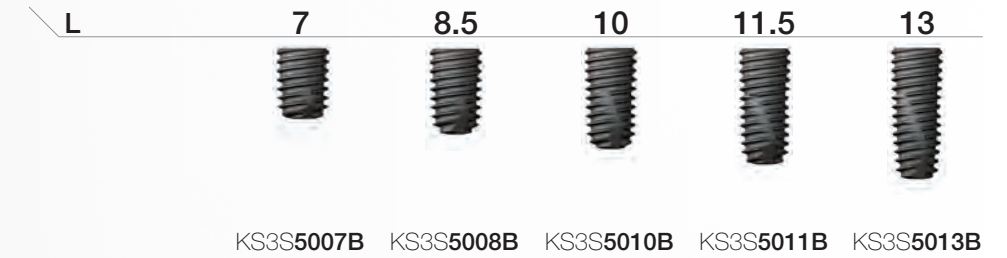
※ NoMount Only for the diameters of 5.5, 6.0, and 7.0mm



D Ø4.5
Hex 2.1

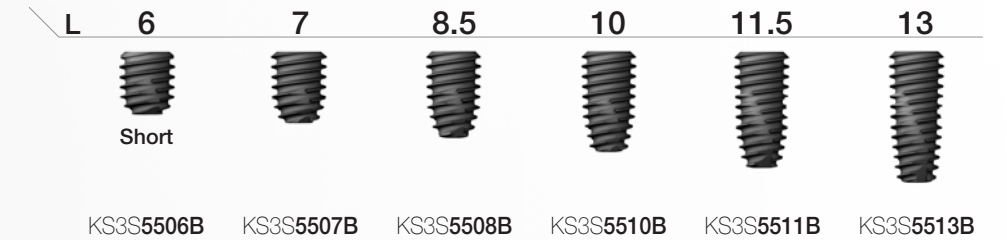


D Ø5.0
Hex 2.1



NEW 2021.07

D Ø5.5
Hex 2.1



D Ø3.5
Hex 2.1



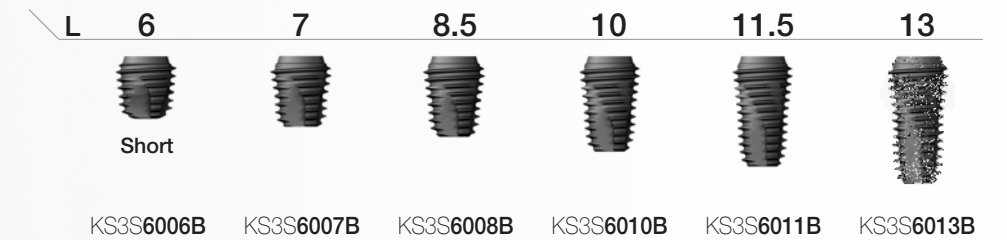
D Ø4.0
Hex 2.1



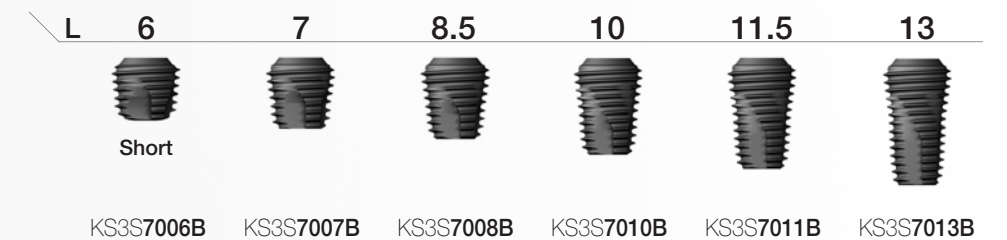
NEW 2021.07

Ultra-Wide

D Ø6.0
Hex 2.1

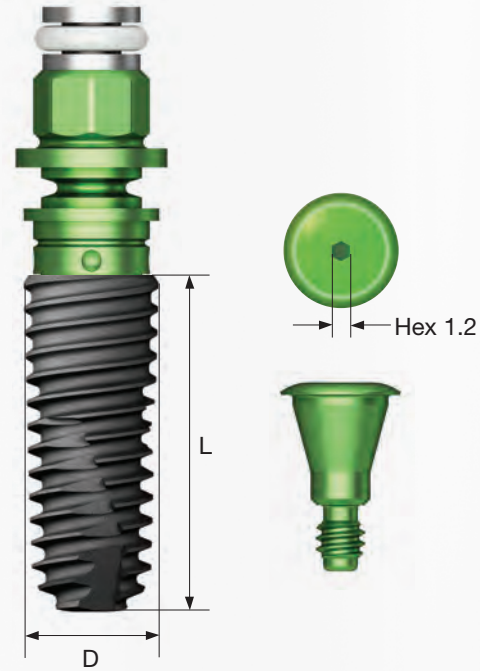


D Ø7.0
Hex 2.1



KSIII SOI Implant NEW 2021.06

- Next-generation submerged type implant with an internal hex 15° tapered connection structure
- Super-hydrophilic surface with high blood affinity coated with K-substance (HEPES)
- Inducing fast blood clot formation with super-hydrophilic surface
- Connection : Regular only (2.1hex single platform)
 - Improved strength with a narrower and deeper connection
 - Reduced prosthetic errors and inventory burden because of not having to change the connection (Mini/Regular)
- Abutment holding system applied to enable screw fastening with one hand screw
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- Corkscrew thread & cutting edge
 - Superior self-threading effect for ease of placement path adjustment
 - Enhanced initial stability in soft bone and application of consistent placement torque according to the drill diameter



Narrow

- Used for narrow bone width
- Ease in compensation of placement angle in the anterior region
- Compatible with the existing mini abutments (Not compatible in terms of cover screws, mounts and lab analog)

Ultra-wide

- Useful for posterior region extraction, immediate implant replacement case and failed implant replacement
- With its optimized apex design, the implant achieves initial stability at extraction and lower 3mm
- Recommended placement torque: $\leq 40\text{Ncm}$

※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case

NoMount implant (implant + cover screw) order code

: C + implant product code (ex : CKS3S4010A)

※ NoMount only for all sizes

D Ø3.0 Hex 2.1 Narrow



L	8.5	10	11.5	13
	KS3S3008A	KS3S3010A	KS3S3011A	KS3S3013A

D Ø3.5 Hex 2.1



L	8.5	10	11.5	13
	KS3S3508A	KS3S3510A	KS3S3511A	KS3S3513A

D Ø4.0 Hex 2.1



L	7	7	8.5	10	11.5	13
	KS3S4006A	KS3S4007A	KS3S4008A	KS3S4010A	KS3S4011A	KS3S4013A

D Ø4.5 Hex 2.1



L	7	7	8.5	10	11.5	13
	KS3S4506A	KS3S4507A	KS3S4508A	KS3S4510A	KS3S4511A	KS3S4513A

D Ø5.0 Hex 2.1



L	6	6	6	7	8.5	10	11.5	13
	KS3S5004A	KS3S5005A	KS3S5006A	KS3S5007A	KS3S5008A	KS3S5010A	KS3S5011A	KS3S5013A

D Ø5.5 Hex 2.1



L	6	7	8.5	10	11.5	13
	KS3S5506A	KS3S5507A	KS3S5508A	KS3S5510A	KS3S5511A	KS3S5513A

Ultra-Wide

D Ø6.0 Hex 2.1



L	6	7	8.5	10	11.5	13
	KS3S6006A	KS3S6007A	KS3S6008A	KS3S6010A	KS3S6011A	KS3S6013A

D Ø7.0 Hex 2.1



L	6	7	8.5	10	11.5	13
	KS3S7006A	KS3S7007A	KS3S7008A	KS3S7010A	KS3S7011A	KS3S7013A

Mount & Screw

Simple Mount

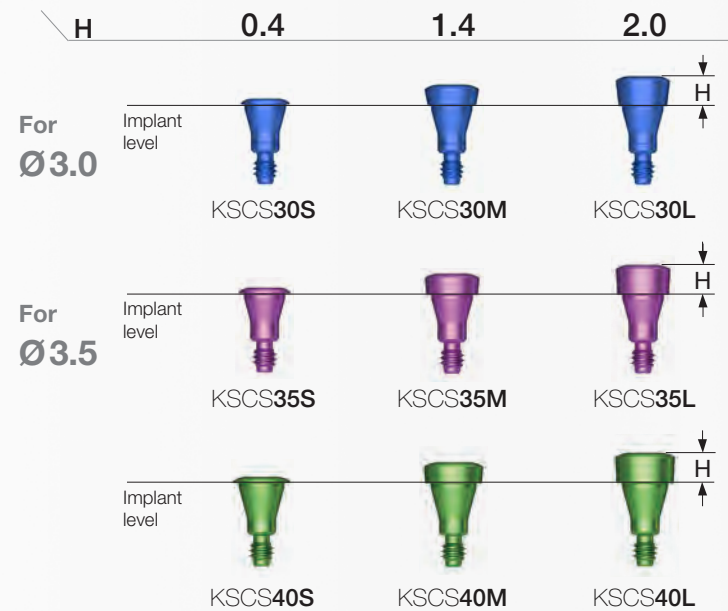
- Hex driver : 1.2
- Recommended tightening torque: 8~10Ncm
- Dedicated simple mount is used for Ø3.5 implant
- Packing unit : mount + mount screw
- ※ Disposable, Do not reuse

For
Ø3.0/3.5



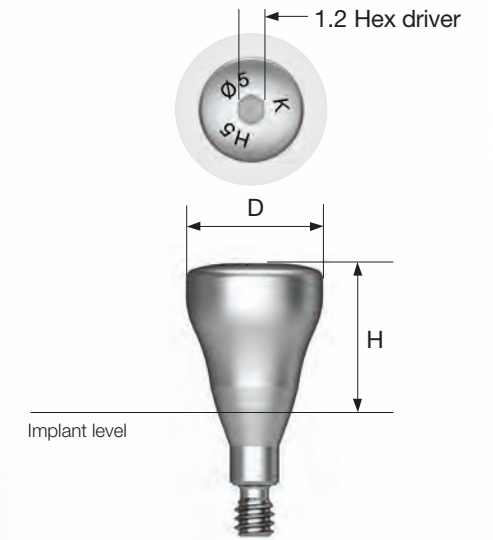
Cover Screw

- Height (H) selected according to the depth of implant placement
- Dedicated cover screws are used for Ø3.0 and Ø3.5 implant
- Hand tightened with a 1.2 hex driver



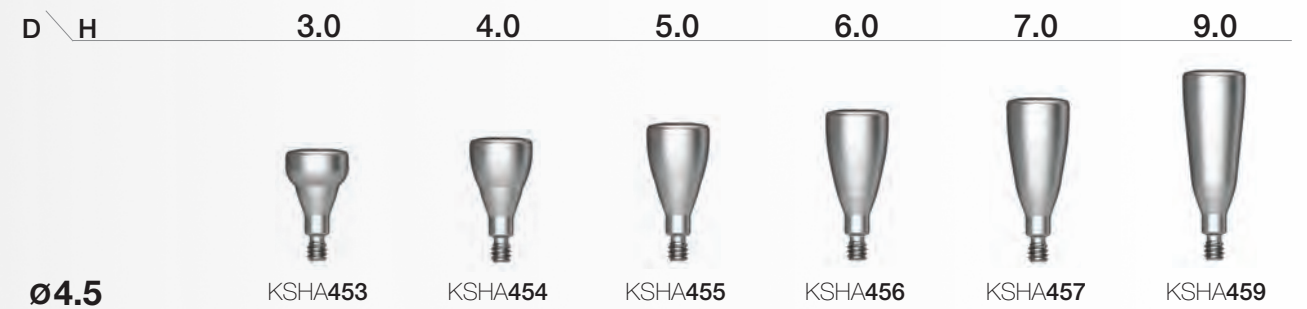
Healing Abutment

- Hand tightened with a 1.2 hex driver
- G/H height elevated by 0.5mm for Ø3.5 implant with abutment tightened















Matching table







Healing abutment	H	3.0	4.0	5.0	7.0
Abutment	G/H	1.0	2.0 or 3.0	3.0 or 4.0	5.0 and above
Impression coping	Type	Short	Short	Long	Long




Healing Abutment

D \ H	3.0	4.0	5.0	6.0	7.0	9.0
Ø5.0	 KSHA503	 KSHA504	 KSHA505	 KSHA506	 KSHA507	 KSHA509

D \ H	3.0	4.0	5.0	6.0	7.0	9.0
Ø6.0	 KSHA603	 KSHA604	 KSHA605	 KSHA606	 KSHA607	 KSHA609

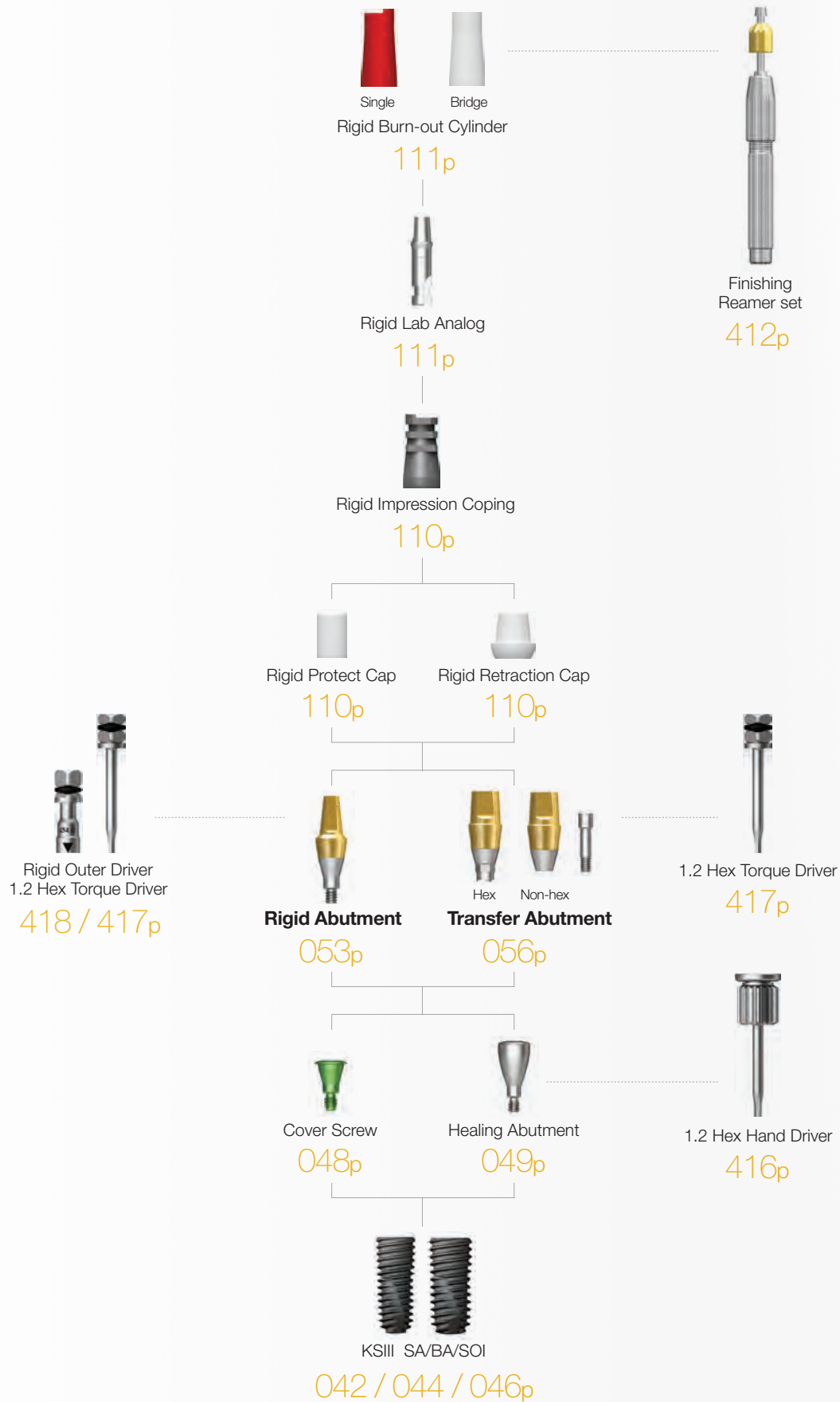
D \ H	3.0	4.0	5.0	6.0	7.0	9.0
Ø7.0	 KSHA703	 KSHA704	 KSHA705	 KSHA706	 KSHA707	 KSHA709

D \ H	3.0	4.0	5.0	6.0	7.0	9.0
Ø8.0	-	-	 KSHA805	-	-	-

OSSTEM[®]
IMPLANT

Rigid / Transfer

Abutment Level Impression



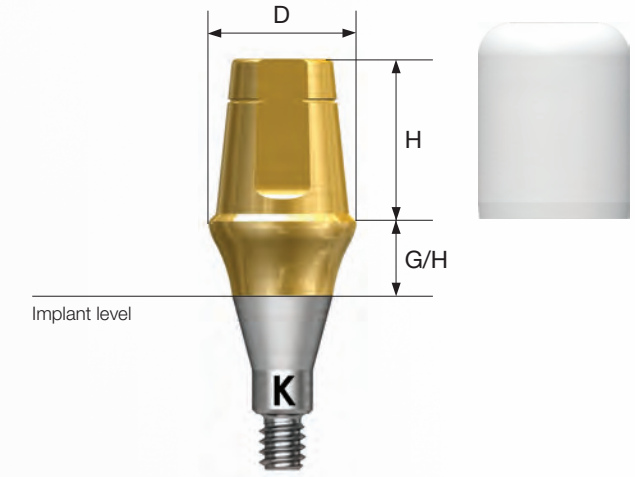
Rigid Abutment

- Abutment for producing cement-retained prosthesis
- Abutment level impression
- Ø4.0 : Tightened with an outer driver (code : ORDML/ORDMS)
- Ø4.5/5.0/6.0 : Tightened with an outer driver or 1.2 hex driver
- Ø7.0 : Tightened with 1.2 hex driver
- G/H height elevated by 0.5mm for Ø3.5 implant with abutment tightened
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + protect cap

Abutment + protect cap order code
: product code + **P** (ex : KSRA5620**P**)



KS products are marked with "K".



D Ø4.0



H \ G/H	1.0	2.0	3.0	4.0	5.0
4.0	KSRA4410	KSRA4420	KSRA4430	KSRA4440	KSRA4450
5.5	KSRA4610	KSRA4620	KSRA4630	KSRA4640	KSRA4650
7.0	KSRA4710	KSRA4720	KSRA4730	KSRA4740	KSRA4750

D Ø4.5



H \ G/H	1.0	2.0	3.0	4.0	5.0
4.0	KSRA4411	KSRA4421	KSRA4431	KSRA4441	KSRA4451
5.5	KSRA4611	KSRA4621	KSRA4631	KSRA4641	KSRA4651
7.0	KSRA4711	KSRA4721	KSRA4731	KSRA4741	KSRA4751

Rigid Abutment

D Ø5.0



H \ G/H	1.0	2.0	3.0	4.0	5.0
					
4.0	KSRA5410	KSRA5420	KSRA5430	KSRA5440	KSRA5450
5.5	KSRA5610	KSRA5620	KSRA5630	KSRA5640	KSRA5650
7.0	KSRA5710	KSRA5720	KSRA5730	KSRA5740	KSRA5750

D Ø6.0



H \ G/H	1.0	2.0	3.0	4.0	5.0
					
4.0	KSRA6410	KSRA6420	KSRA6430	KSRA6440	KSRA6450
5.5	KSRA6610	KSRA6620	KSRA6630	KSRA6640	KSRA6650
7.0	KSRA6710	KSRA6720	KSRA6730	KSRA6740	KSRA6750

D Ø7.0



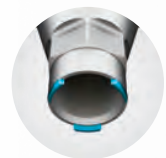
H \ G/H	1.0	2.0	3.0	4.0	5.0
					
5.5	KSRA7610	KSRA7620	KSRA7630	KSRA7640	KSRA7650

OSSTEM[®]
IMPLANT

Transfer Abutment

- Abutment for producing cement-retained/ combination prosthesis
- Implant level impression
- Abutment level impression possible by rigid impression coping (except Ø4.0)
- Tightened with 1.2 hex driver
- G/H height elevated by 0.5mm for Ø 3.5 implant with abutment tightened
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw

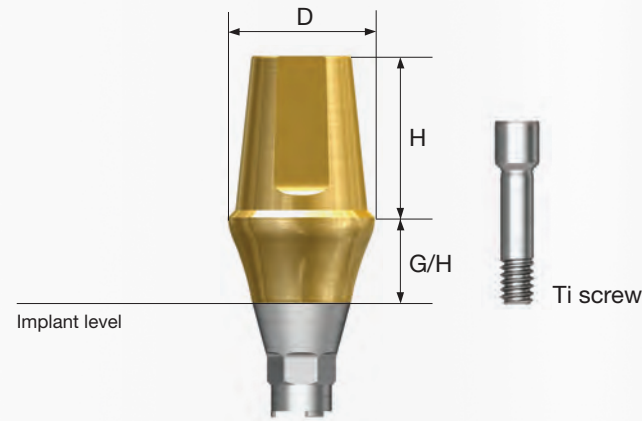
Abutment + Ti screw order code
: product code + **TH** (ex : KSTA4621**TH**)



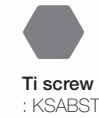
Products for KS implants have a cylinder and a slot at the bottom.



Products for KS non-hex implants have a slot at the bottom.



D Ø4.0



Ti screw : KSABST

		H \ G/H	1.0	2.0	3.0	4.0	5.0
Hex	4.0						
	5.5		KSTA4612	KSTA4622	KSTA4632	KSTA4642	KSTA4652
	7.0		KSTA4712	KSTA4722	KSTA4732	KSTA4742	KSTA4752
Non-Hex	4.0						
	5.5		KSTA4612N	KSTA4622N	KSTA4632N	KSTA4642N	KSTA4652N
	7.0		KSTA4712N	KSTA4722N	KSTA4732N	KSTA4742N	KSTA4752N

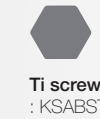
D Ø4.5



Ti screw : KSABST

		H \ G/H	1.0	2.0	3.0	4.0	5.0
Hex	4.0						
	5.5		KSTA4611	KSTA4621	KSTA4631	KSTA4641	KSTA4651
	7.0		KSTA4711	KSTA4721	KSTA4731	KSTA4741	KSTA4751
Non-Hex	4.0						
	5.5		KSTA4611N	KSTA4621N	KSTA4631N	KSTA4641N	KSTA4651N
	7.0		KSTA4711N	KSTA4721N	KSTA4731N	KSTA4741N	KSTA4751N

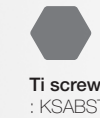
D Ø5.0



Ti screw : KSABST

		H \ G/H	1.0	2.0	3.0	4.0	5.0
Hex	4.0						
	5.5		KSTA5410	KSTA5420	KSTA5430	KSTA5440	KSTA5450
	7.0		KSTA5710	KSTA5720	KSTA5730	KSTA5740	KSTA5750
Non-Hex	4.0						
	5.5		KSTA5410N	KSTA5420N	KSTA5430N	KSTA5440N	KSTA5450N
	7.0		KSTA5710N	KSTA5720N	KSTA5730N	KSTA5740N	KSTA5750N

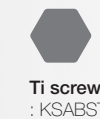
D Ø6.0



Ti screw : KSABST

		H \ G/H	1.0	2.0	3.0	4.0	5.0
Hex	4.0						
	5.5		KSTA6410	KSTA6420	KSTA6430	KSTA6440	KSTA6450
	7.0		KSTA6710	KSTA6720	KSTA6730	KSTA6740	KSTA6750
Non-Hex	4.0						
	5.5		KSTA6410N	KSTA6420N	KSTA6430N	KSTA6440N	KSTA6450N
	7.0		KSTA6710N	KSTA6720N	KSTA6730N	KSTA6740N	KSTA6750N

D Ø7.0



Ti screw : KSABST

		H \ G/H	1.0	2.0	3.0	4.0	5.0
Hex	4.0						
	5.5		KSTA7410	KSTA7420	KSTA7430	KSTA7440	KSTA7450
	7.0		KSTA7610	KSTA7620	KSTA7630	KSTA7640	KSTA7650
Non-Hex	4.0						
	5.5		KSTA7410N	KSTA7420N	KSTA7430N	KSTA7440N	KSTA7450N

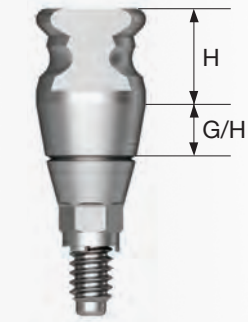
Transfer Abutment Components

Bite Impression Coping NEW 2021.06

- Components for implant level impression taking
- Allows simultaneous impression-taking and bite registration
- The same basic usage as the transfer impression coping
- Hand tightened with a bite impression coping driver
- The hex screw type is tightened with a 1.2 hex driver and the friction screw type with a bite impression coping driver
- G/H height elevated by 0.5mm for Ø 3.5 implant with abutment tightened



Products for KS implants have a cylinder and a slot at the bottom.



Hex screw type

D \ H	G/H	2.0	3.0	4.0	5.0	6.0
Ø 4.0	4.0	KSBIC4420H	KSBIC4430H	KSBIC4440H	KSBIC4450H	KSBIC4460H
	5.0	KSBIC4520H	KSBIC4530H	KSBIC4540H	KSBIC4550H	KSBIC4560H
	6.0	KSBIC4620H	KSBIC4630H	KSBIC4640H	KSBIC4650H	KSBIC4660H
Ø 4.5	4.0	KSBIC4421H	KSBIC4431H	KSBIC4441H	KSBIC4451H	KSBIC4461H
	5.0	KSBIC4521H	KSBIC4531H	KSBIC4541H	KSBIC4551H	KSBIC4561H
	6.0	KSBIC4621H	KSBIC4631H	KSBIC4641H	KSBIC4651H	KSBIC4661H
Ø 5.0	4.0	KSBIC5420H	KSBIC5430H	KSBIC5440H	KSBIC5450H	KSBIC5460H
	5.0	KSBIC5520H	KSBIC5530H	KSBIC5540H	KSBIC5550H	KSBIC5560H
	6.0	KSBIC5620H	KSBIC5630H	KSBIC5640H	KSBIC5650H	KSBIC5660H

Bite Impression Coping Driver

Hex Screw Type

- Used for tightening and loosening of bite impression coping
- A driver for the hex screw type



OICDMH

Bite Index

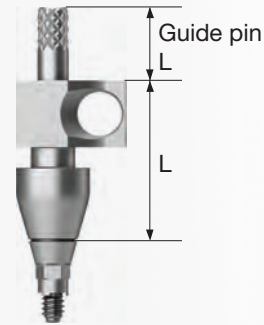
- G/H height elevated by 0.5mm for Ø 3.5 implant with the abutment tightened
- Assembled to the implant to be used for check bite impression
- Hand tightened with a 1.2 hex driver
- Packing unit : 2ea

D \ L	4.0	6.0	8.0	10.0	12.0
Ø 4.5	KSBI4504S	KSBI4506S	KSBI4508S	KSBI4510S	KSBI4512S
	KSBI5504S	KSBI5506S	KSBI5508S	KSBI5510S	KSBI5512S

Transfer Abutment Components

Pick-up Impression Coping

- Components for implant level impression taking
- Using an open tray
- Unique design stably fixed within the impression body
- Hand tightened with a 1.2 hex driver
- G/H height elevated by 0.5mm for Ø 3.5 implant with abutment tightened
- Packing unit : impression coping body + guide pin(*)



Products for KS implants have a cylinder and a slot at the bottom.



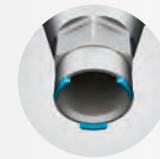
Products for KS non-hex implants have a slot at the bottom.

D \ L	11		Guide Pin			
	Type	Hex	0	5.0	10	15
Ø 4.0		KSPI4011	KSPGP100	KSPGP150*	KSPGP200	KSPGP250
Ø 4.5		KSPI4511				
Ø 5.0		KSPI5011				
Ø 6.0		KSPI6011				
Ø 7.0		KSPI7011				

D \ L	16		Guide Pin		
	Type	Hex	0	5.0	10
Ø 4.0		KSPI4016	KSPGP150	KSPGP200*	KSPGP250
Ø 4.5		KSPI4516			
Ø 5.0		KSPI5016			
Ø 6.0		KSPI6016			
Ø 7.0		KSPI7016			

Transfer Impression Coping

- Components for implant level impression taking
- Using a closed tray
- Triangular arc structure for stable fastening and accurate repositioning
- Hand tightened with a 1.2 hex driver
- G/H height elevated by 0.5mm for Ø 3.5 implant with abutment tightened
- Packing unit
- Hex : impression coping body + guide pin
- Non-hex : impression coping



Products for KS implants have a cylinder and a slot at the bottom.

D \ L	11		14		
	Type	Hex	Non-Hex	Hex	Non-Hex
Ø 4.0		KSTI4011	KSTI4011N	KSTI4014	KSTI4014N
Ø 4.5		KSTI4511	KSTI4511N	KSTI4514	KSTI4514N
Ø 5.0		KSTI5011	KSTI5011N	KSTI5014	KSTI5014N
Ø 6.0		KSTI6011	KSTI6011N	KSTI6014	KSTI6014N
Ø 7.0		KSTI7011	KSTI7011N	KSTI7014	KSTI7014N

Transfer Abutment Components

Implant Lab Analog

- Lab analog for implant level impression
- A dedicated lab analog is used for implants of a diameter Ø3.5 and below

For
Ø3.0/3.5



KSTLA350



KSTLA400

Laboratory Screw

- Lab screw : Abutment screw for lab side work
- Waxing screw : Used for producing screw type abutment and transfer jig, by extending screw hole to the abutment

Lab Screw

Waxing Screw



KSABSL

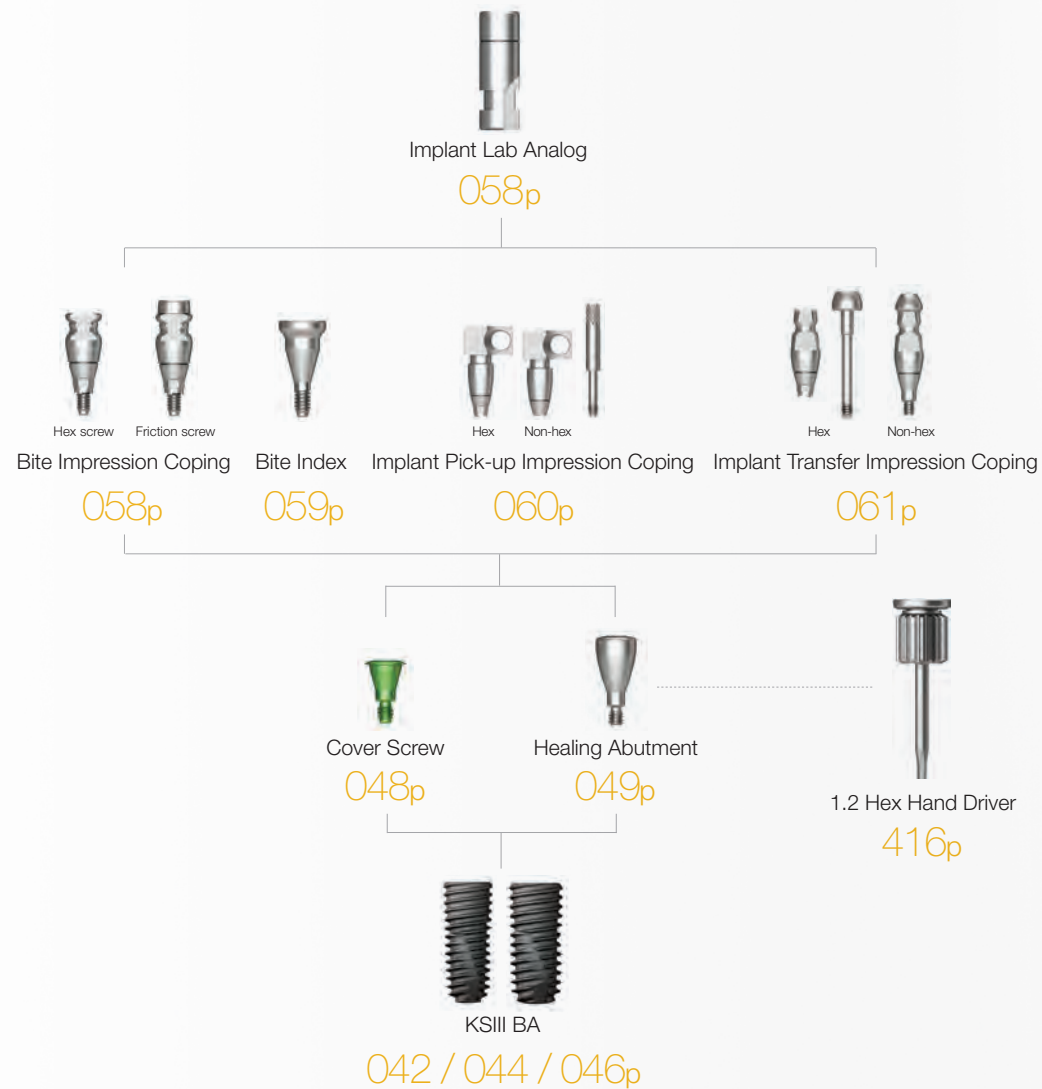
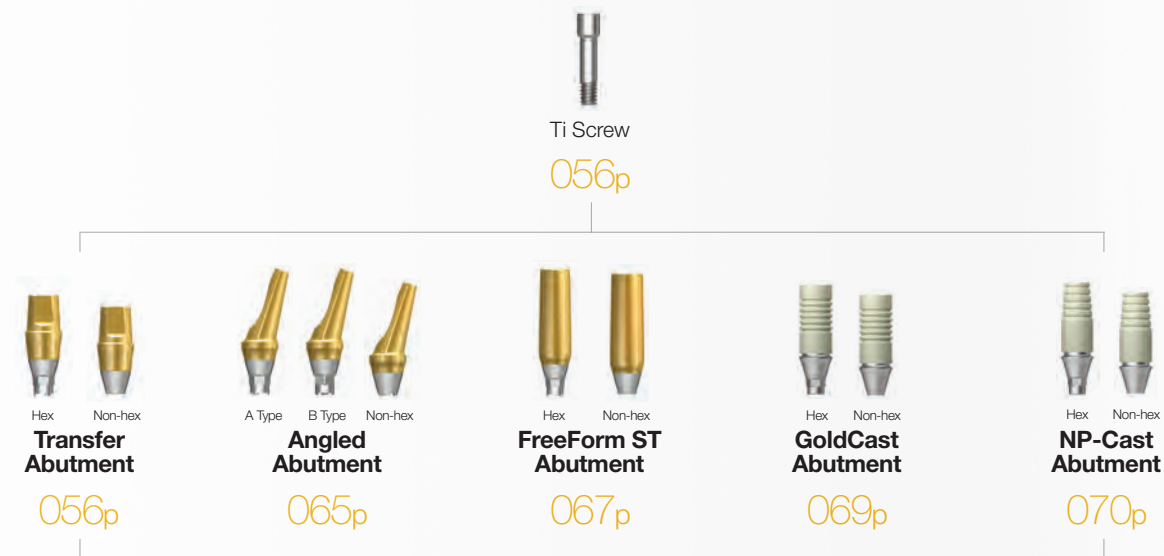


KSABSW

OSSTEM[®]
IMPLANT

Transfer / Angled / FreeForm ST / GoldCast / NP-Cast

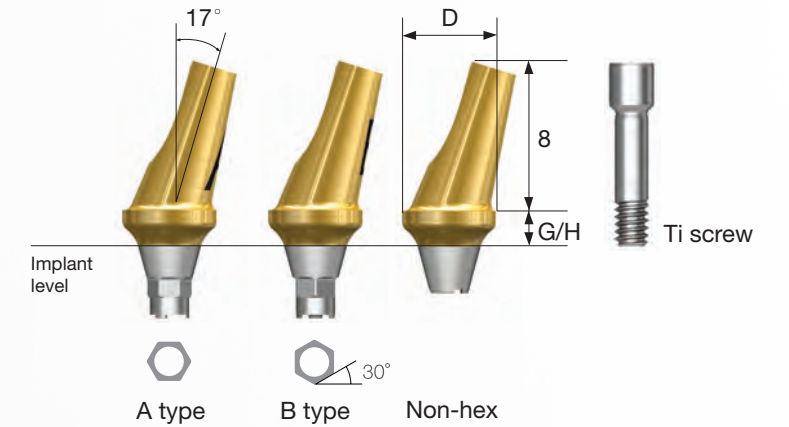
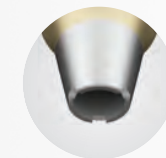
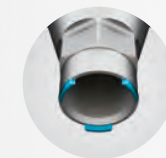
Implant Level Impression



Angled Abutment

- Abutment for producing cement-retained/ combination prosthesis
- Implant placement angle compensated up to 23° without removal
- Implant level impression
- Tightened with 1.2 hex driver
- G/H height elevated by 0.5mm for Ø 3.5 implant with abutment tightened
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code
: product code + TH (ex : KSAA5020ATH)



D Ø4.0



Ti screw : KSABST

G/H Type	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex
	KSAA4020A	KSAA4020B	KSAA4020N	KSAA4040A	KSAA4040B	KSAA4040N

D Ø4.5



Ti screw : KSABST

G/H Type	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex
	KSAA4520A	KSAA4520B	KSAA4520N	KSAA4540A	KSAA4540B	KSAA4540N

Angled Abutment

D Ø5.0



Ti screw
: KSABST

G/H Type	2.0			4.0		
	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex
	KSAA5020A	KSAA5020B	KSAA5020N	KSAA5040A	KSAA5040B	KSAA5040N

D Ø6.0



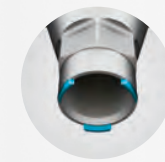
Ti screw
: KSABST

G/H Type	2.0			4.0		
	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex
	KSAA6020A	KSAA6020B	KSAA6020N	KSAA6040A	KSAA6040B	KSAA6040N

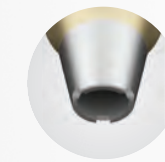
FreeForm ST Abutment

- Abutment for producing cement-retained / combination prosthesis
- Used for adjusting the margin shape of abutment
- Implant level impression
- Tightened with 1.2 hex driver
- G/H height elevated by 0.5mm for Ø 3.5 implant with abutment tightened
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw

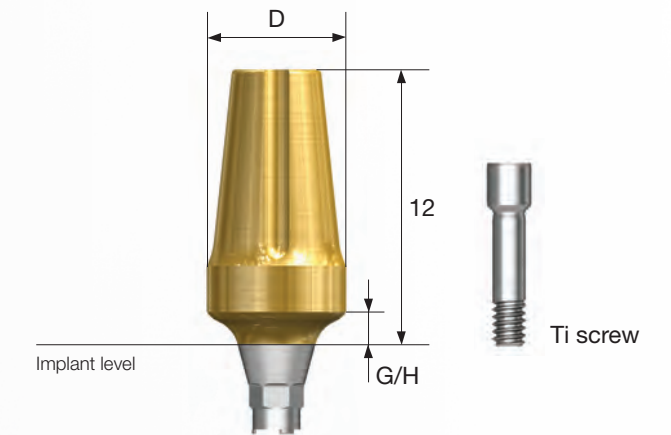
Abutment + Ti screw order code
: product code + TH (ex : KSFA5015TH)



Products for KS implants have a cylinder and a slot at the bottom.



Products for KS non-hex implants have a slot at the bottom.



D Ø4.0



Ti screw
: KSABST

G/H Type	1.5		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	KSFA4015	KSFA4015N	KSFA4030	KSFA4030N

D Ø5.0 (Straight)



Ti screw
: KSABST

G/H Type	1.5		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	KSFAS5015	KSFAS5015N	KSFAS5030	KSFAS5030N

FreeForm ST Abutment

D Ø5.0



Ti screw
: KSABST

G/H Type	1.5		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	KSFA5015	KSFA5015N	KSFA5030	KSFA5030N

D Ø6.0



Ti screw
: KSABST

G/H Type	1.5		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	KSFA6015	KSFA6015N	KSFA6030	KSFA6030N

D Ø7.0



Ti screw
: KSABST

G/H Type	1.5		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	KSFA7015	KSFA7015N	KSFA7030	KSFA7030N

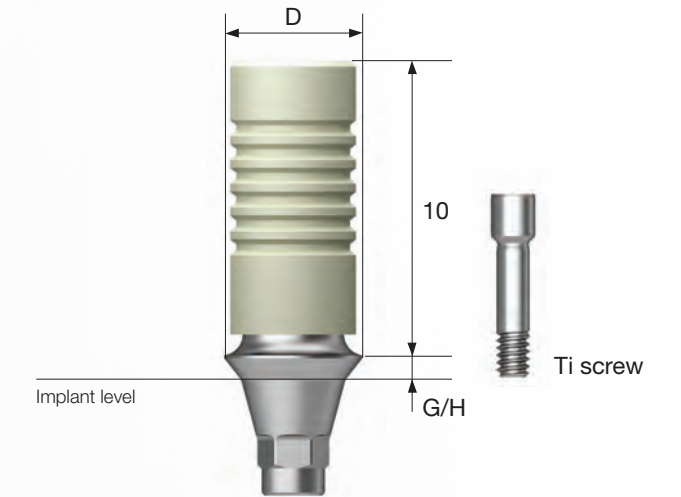
GoldCast Abutment

- Abutment for producing cement/combination / screw-retained prosthesis
- Casted with gold alloys and used to produce customized prosthesis
- Abutment melting temperature : 1,400~1,450°C
- Implant level impression
- Tightened with 1.2 hex driver
- G/H height elevated by 0.5mm for Ø 3.5 implant with abutment tightened
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code
: product code + TH (ex : KSGA4510STH)



Products for KS implants have a cylinder at the bottom.



D Ø4.0



Ti screw
: KSABST

G/H Type	1.0		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	KSGA4010	KSGA4010N	KSGA4030	KSGA4030N

D Ø4.5



Ti screw
: KSABST

G/H Type	1.0		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	KSGA4510	KSGA4510N	KSGA4530	KSGA4530N

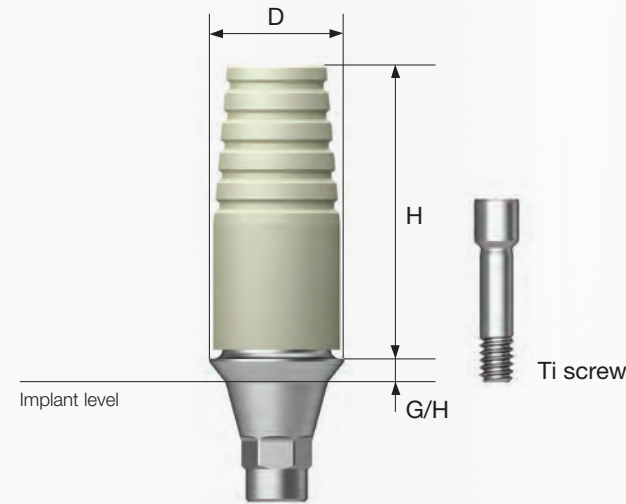
NP-Cast Abutment

- Abutment for producing cement/combination/ screw-retained prosthesis
- Casted with gold alloys and used to produce customized prosthesis
- Abutment melting temperature : 1,400~1,450°C
- Implant level impression
- Tightened with 1.2 hex driver
- G/H height elevated by 0.5mm for Ø 3.5 implant with abutment tightened
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code
: product code + **TH** (ex : KSNA4510**STH**)



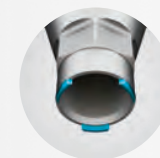
Products for KS implants have a cylinder at the bottom.



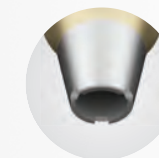
Temporary Abutment

- Abutment for producing cement-retained/ screw-retained temporary prosthesis
- Removed and used for producing temporary prosthesis (Ti Gr-3)
- Implant level impression
- Tightened with 1.2 hex driver
- G/H height elevated by 0.5mm for Ø 3.5 implant with abutment tightened
- Recommended tightening torque: 20Ncm
- Packing unit : abutment + Ti screw

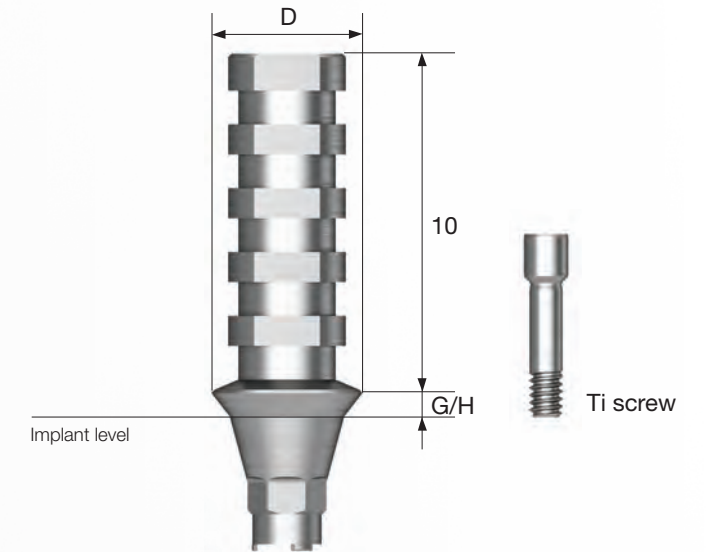
Abutment + Ti screw order code
: product code + **TH** (ex : KSTTA4510**TH**)



Products for KS implants have a cylinder and a slot at the bottom.



Products for KS non-hex implants have a slot at the bottom.



D Ø4.0



Ti screw : KSABST

G/H Type	1.0		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	KSNA4010	KSNA4010N	KSNA4030	KSNA4030N

D Ø4.5



Ti screw : KSABST

G/H Type	1.0		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	KSNA4510	KSNA4510N	KSNA4530	KSNA4530N

D Ø4.0



Ti screw : KSABST

G/H Type	1.0		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	KSTTA4010	KSTTA4010N	KSTTA4030	KSTTA4030N

D Ø4.5

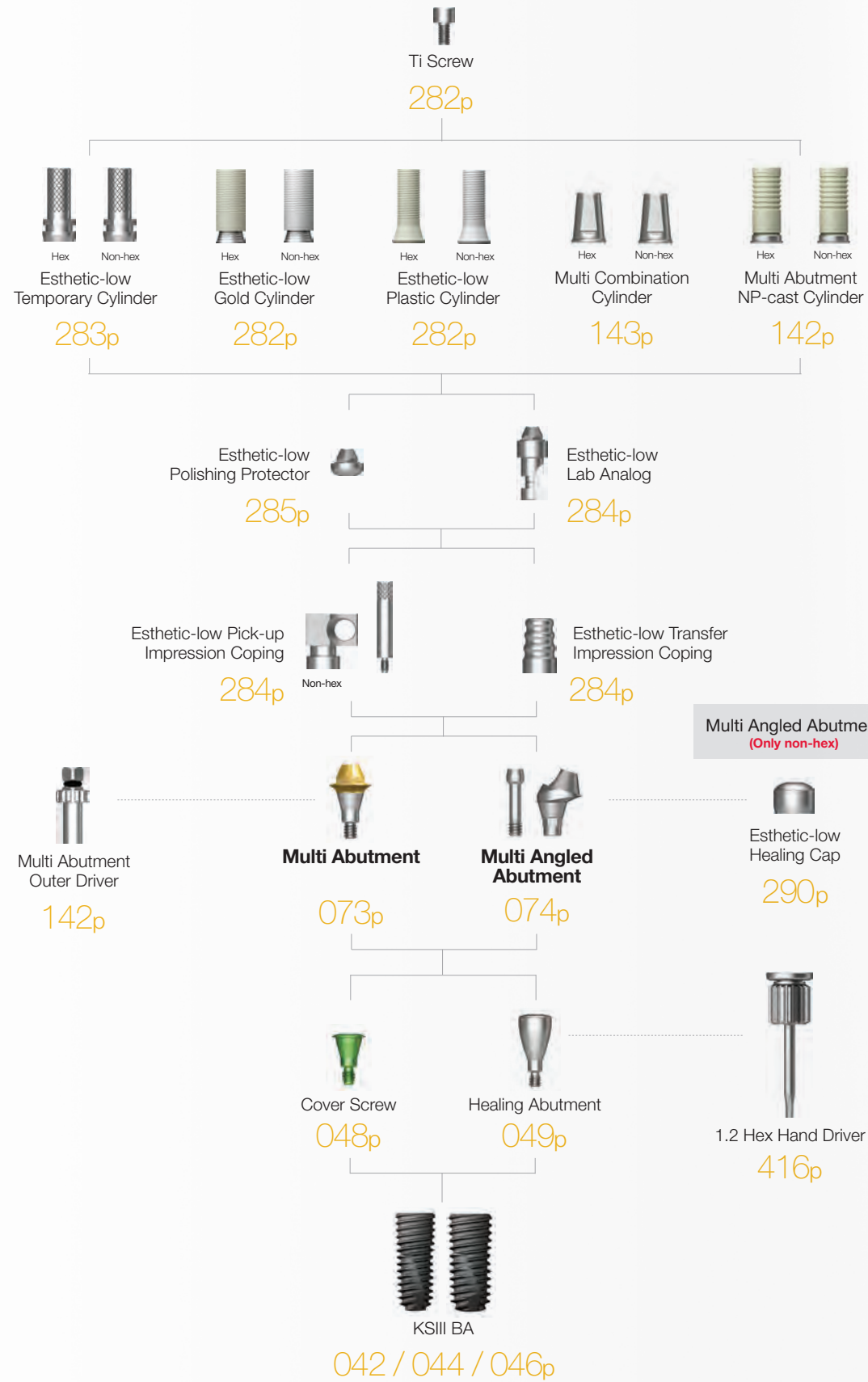


Ti screw : KSABST

G/H Type	1.0		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	KSTTA4510	KSTTA4510N	KSTTA4530	KSTTA4530N

Multi / Multi Angled

Abutment Level Impression



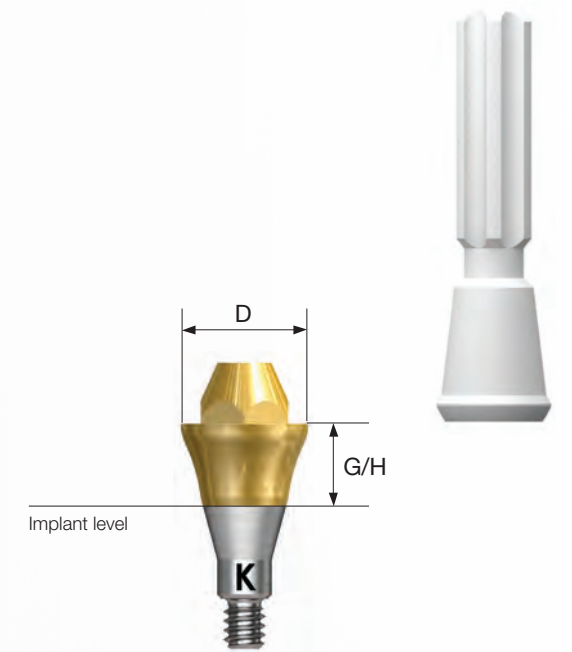
Multi Abutment

- Used for producing screw-retained prosthesis in multiple case
- The same platform as the multi angled abutment
- Producing prosthesis with US esthetic-low cylinder (regular/non-hex)
- Tightened with a dedicated outer driver (code : MAOD)
- G/H height elevated by 0.5mm for Ø3.5 implant with abutment tightened
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + carrier

Abutment + carrier order code
: product code + P (ex : KSMA5030P)



Products for KS implants are marked with "K"



D Ø4.8



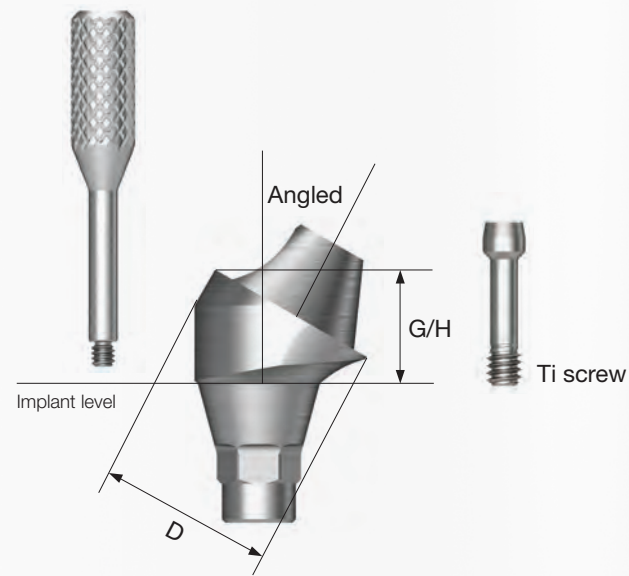
Multi Angled Abutment

- Used for producing screw-retained prosthesis in multiple case
- The same platform as the multi abutment
- Implant placement angle compensated up to 108°
- Producing prosthesis with US esthetic low cylinder (regular/non-hex)
- Using dedicated abutment screws
- Tightened with 1.2 hex driver
- G/H height elevated by 0.5mm for Ø 3.5 implant with abutment tightened
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw + carrier order code
: product code + **TH** (ex : KS17MAS4840**TH**)




Products for KS implants have a cylinder at the bottom.



D Ø4.8



Ti screw
: KSABST

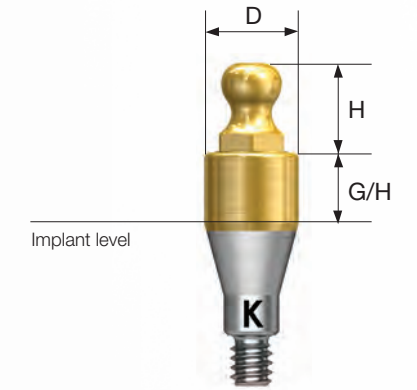
Angle \ G/H	2.5	3.0	4.0
17°	 KS17MA4820	 KS17MA4830	 KS17MA4840
Angle \ G/H	3.5	4.0	5.0
30°	 KS30MA4830	 KS30MA4840	 KS30MA4850

Stud Abutment

- Abutment for overdenture with O-ring attachment
- Implant placement angle is compensated up to 20°
- Tightened with a dedicated outer driver (Small size : STAOD normal size : AORD)
- G/H height elevated by 0.5mm for Ø 3.5 implant with abutment tightened
- Recommended tightening torque: 30Ncm
- Ball head diameter
- Small size : Ø1.7 (H 2.5mm)
- Normal size : Ø2.25 (H 3.4mm)



Products for KS implants are marked with "K"



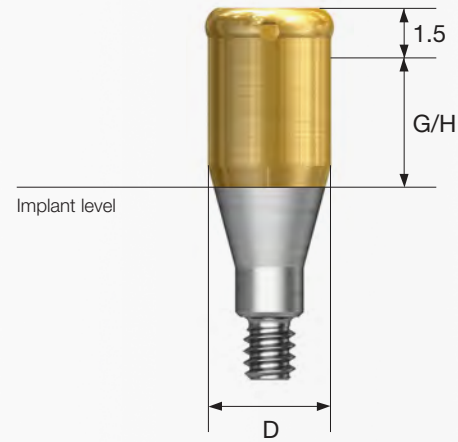
D Ø3.5



G/H	1.0	2.0	3.0	4.0	5.0	6.0
Small Size	 KSST3510	 KSST3520	 KSST3530	 KSST3540	 KSST3550	 KSST3560
Normal Size	 KSSA3510	 KSSA3520	 KSSA3530	 KSSA3540	 KSSA3550	 KSSA3560

Port Abutment

- Implant placement angle compensated up to 40°
- Vertical dimension lower by 1.5mm, construction of various attachments with stable fixing
- Tightened with a dedicated outer driver (code : TWLDLK/TWLDLSK)
- Recommended tightening torque: 30Ncm



D Ø3.5



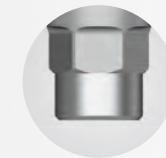
G/H	1.0	2.0	3.0	4.0
	KSPTA4010	KSPTA4020	KSPTA4030	KSPTA4040

G/H	5.0	6.0	7.0	-
				-
	KSPTA4050	KSPTA4060	KSPTA4070	-

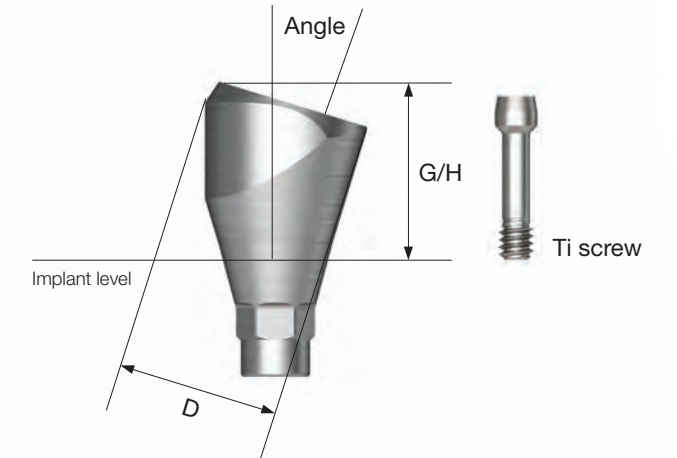
Port Angled Abutment

- Used when compensation of the placement angle is necessary for overdenture
- Abutment level impression
- Implant placement angle compensated up to 60°
- Tightened with 1.2 hex driver
- G/H height elevated by 0.5mm for Ø 3.5 implant with abutment tightened
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code
: product code + **TH** (ex : KS30PA455RTH)



Products for KS implants have a cylinder at the bottom.



D Ø4.6



Ti screw : KSABST

Angle \ G/H	4.0	5.0
10°		
	KS10PA454	KS10PA455

Angle \ G/H	4.0	5.0
17°		
	KS17PA454	KS17PA455

Angle \ G/H	4.0	5.0
30°		
	KS30PA454	KS30PA455

077

KS SYSTEM

076

KS SYSTEM



TS SYSTEM

OSSTEM[®]
IMPLANT

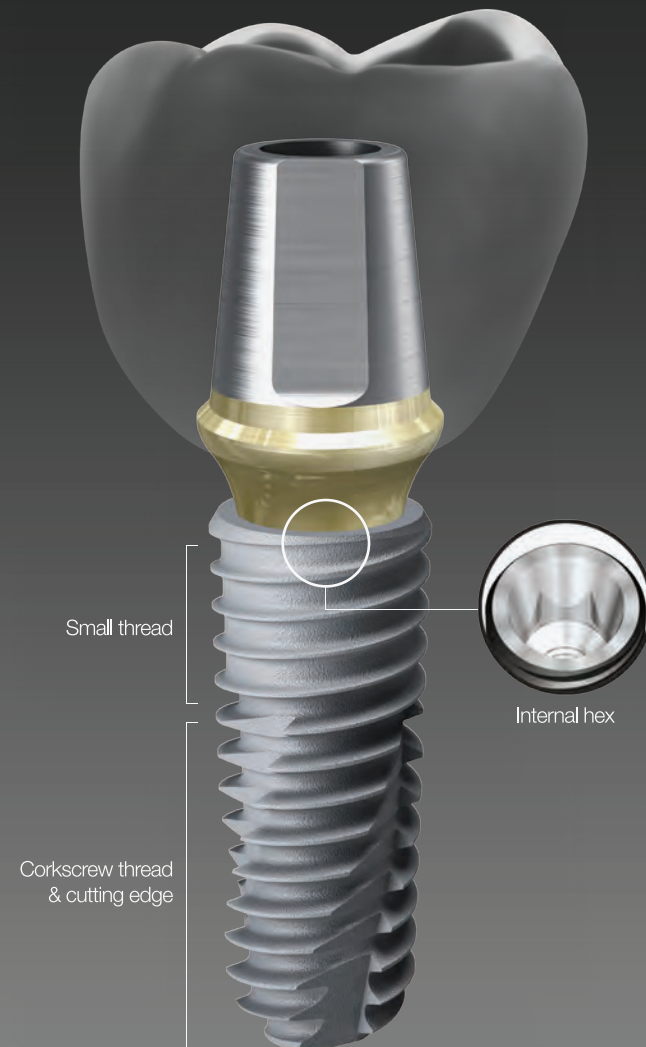
IMPLANT

- 084** TSII SA Implant
- 086** TSII BA Implant
- 088** TSIII SA Implant
- 090** TSIII CA Implant
- 092** TSIII BA Implant
- 094** TSIII SOI Implant
- 096** TSIV SA Implant
- 098** TSIV CA Implant
- 100** TSIV BA Implant
- 102** Simple Mount
- 103** Cover Screw
- 104** Healing Abutment
- 105** Custom Healing Abutment

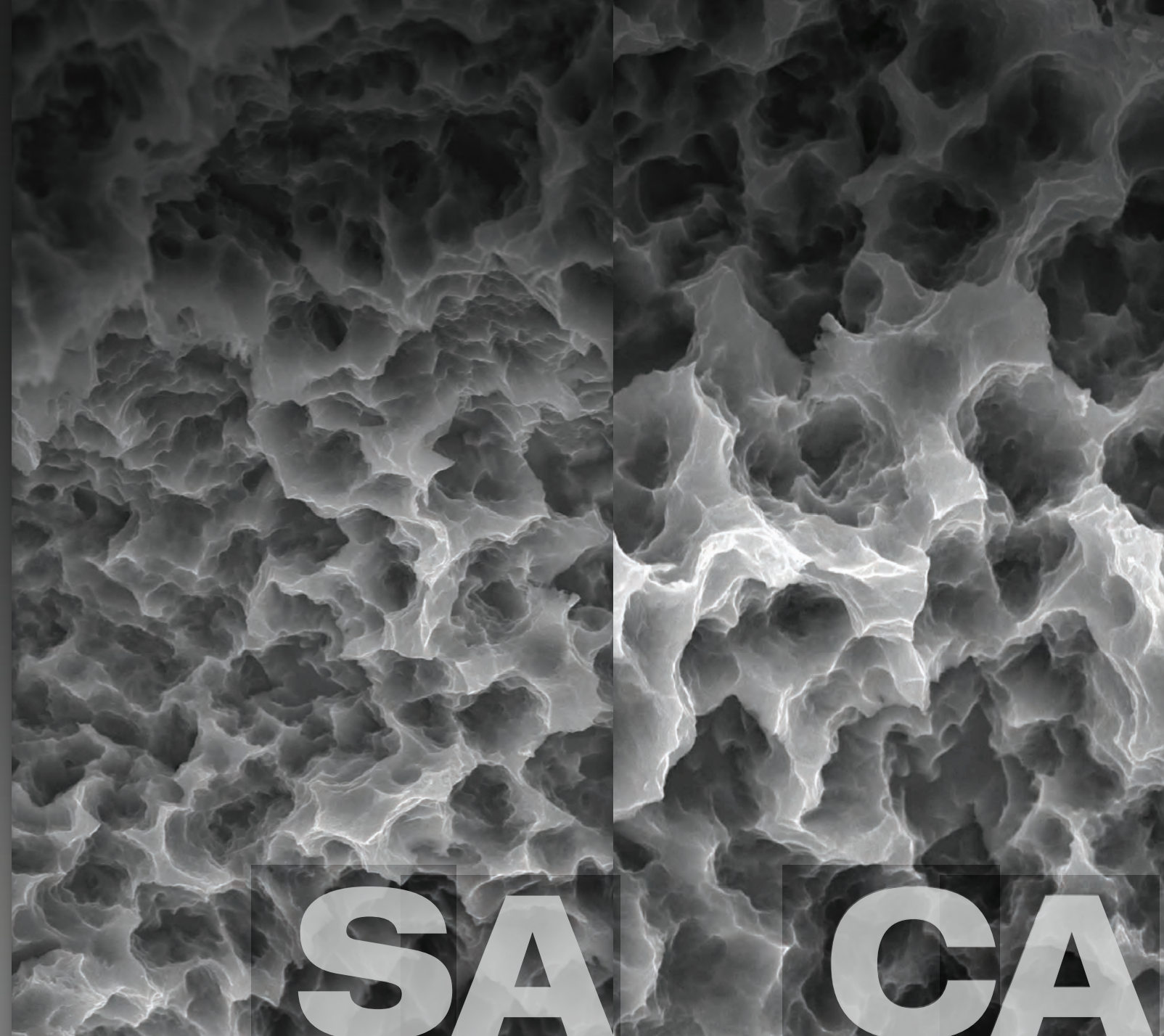
COMPONENTS

- 106** PROSTHETIC FLOW DIAGRAM 1
- 107** Rigid Abutment
- 112** Transfer Abutment
- 126** PROSTHETIC FLOW DIAGRAM 2
- 127** Angled / FreeForm ST Abutment
- 133** GoldCast / NP-Cast Abutment
- 136** PROSTHETIC FLOW DIAGRAM 3
- 137** Quick Temporary Abutment
- 139** Temporary Abutment
- 140** PROSTHETIC FLOW DIAGRAM 4
- 141** Multi Abutment
- 142** Multi Angled Abutment
- 146** PROSTHETIC FLOW DIAGRAM 5
- 147** Convertible Abutment
- 154** PROSTHETIC FLOW DIAGRAM 6
- 155** Port (Angled) Abutment
- 161** Locator[®] (R-TX) Abutment
- 168** Stud Abutment
- 170** OneSeal / TS Abutment Selector

TS Design & Surface Feature



TS



TS packaging color information

Submerged type implant with an internal hex 11° tapered connection structure

- Connection - Mini / Regular
- Effect of improved initial stability in soft bone with smaller threads in the upper section
- Corkscrew thread & cutting edge
 - Superior self-threading effect for ease of placement path adjustment
 - Enhanced initial stability in soft bone and application of consistent placement torque according to the drill diameter
- Various body shape options available to match the patient's bone quality and clinical condition
 - TSII (straight body) : Easy to adjust placement depth
 - TSIII (1.5° tapered body) Excellent initial stability needed for immediate loading even in soft bone
 - TSIV (6° tapered body) Specifically designed for use in maxillary sinus and soft bone, providing excellent initial stability
- Applicable surface types - SA / CA / BA / SOI

Optimized surface morphology through acid-etching treatment

- Surface roughness: Ra 2.0-3.0 μ m (Note: the roughness in the upper 0.5mm part is Ra 0.5-0.6 μ m)
- Uniform surface micro-pits of 1-3 μ m
- Surface area increased by 46% compared to resorbable blast media (RBM) treated implants

In-vitro and In-vivo Bone Response

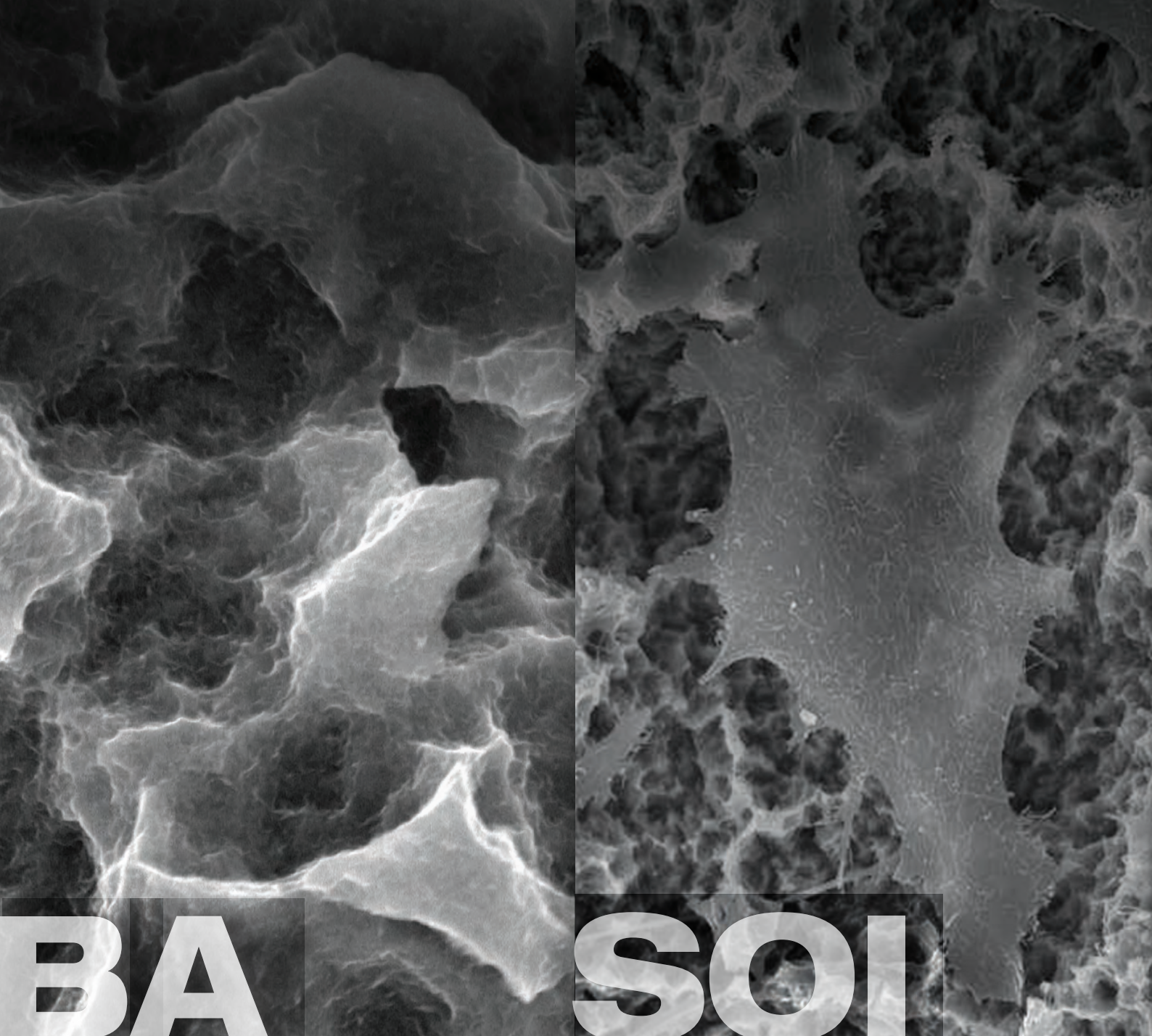
- Osteoblast differentiation and ossification improved by 20% compared to RBM-treated implants
- Initial bone response in a large animal model (mini-pig)
 - Initial stability (removal torque (RT), 4 weeks) improved by 48% compared to RBM-treated implants
 - Ossification (bone implant contact (BIC), 4 weeks) improved by 20% compared to RBM-treated implants

Super-hydrophilic SA surface suspended in a calcium solution

- The same surface morphology as SA surfaces
- Enhancing the chemical activation of the surface suspending in a calcium chloride solution (CaCl₂)
- Increased ossification area with excellent blood wettability
- Bone response improved in early osseointegration stage compared to standard SA surface

In-vitro and In-vivo Bone Response

- Protein and cellular adhesion tripled compared to SA surfaces
- Initial cellular differentiation (7 days) improved by 19% compared to SA surfaces
- Initial stability (RT, 4 weeks) improved by 34% compared to SA surfaces
- Ossification (BIC, 4 weeks) improved by 26% compared to SA surfaces



OSSTEM[®]
IMPLANT

Low crystalline nano-HA coated SA surface

- 10nm or less ultra-thin hydroxyapatite (HA) coating
- SA surface (Ra 2.0-3.0 μ m) coated with HA
- Dual functions of titanium and HA
 - HA is naturally resorbed during ossification

In-vitro and In-vivo Bone Response

- Combination of advantages of both SA surfaces and HA
 - SA's ability to maintain the optimal surface morphology
 - HA's ability of high-quality bone formation even in bones of poor quality
- Ossification (BIC) improved by 40% compared to SA surfaces
- Applicable to all types of bone quality compared to HA

Next-generation surface with hemostatic effect and pH control feature

- Activation of blood clot formation
- Prevention of carbon adsorption in air
- The same surface roughness (Ra 2.0-3.0 μ m) as SA surfaces
- Superior blood wettability with super-hydrophilic surface

In-vitro and In-vivo Bone Response

- Protein and cellular adhesion increased by 130 times compared to SA surfaces
- Initial stability (RT, 4 weeks) improved by 57% compared to SA surfaces
- Surface with the shortest duration of treatment

TSII SA Implant 2010.03

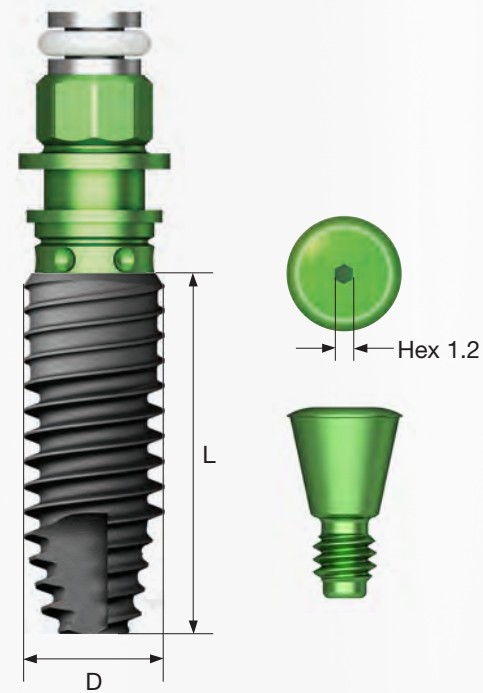
- Submerged type implant with an internal hex 11° tapered connection structure
- Optimal thread design for realization of optimal SA surface
- Straight body design for easy adjustment of placement depth
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- Superior self-threading effect with corkscrew thread
- Recommended placement torque: ≤ 40Ncm
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case

NoMount implant order code

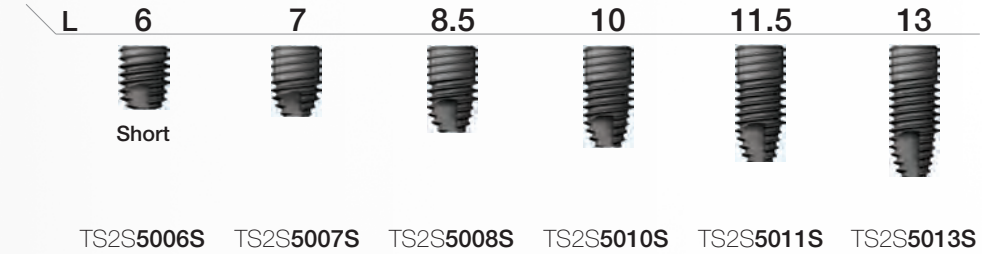
: implant product code (ex : TS2S4010S)

Pre-Mounted implant (implant + mount + cover screw) order code

: B + implant product code (ex : BTS2S4010S)

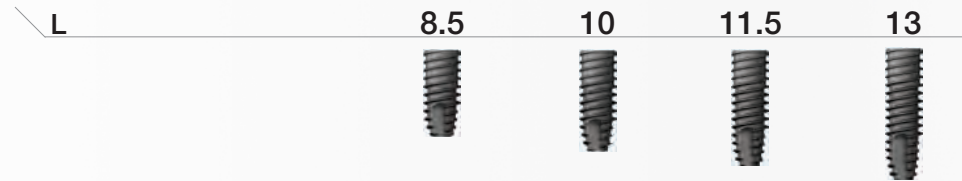


D Ø5.0
Hex 2.5



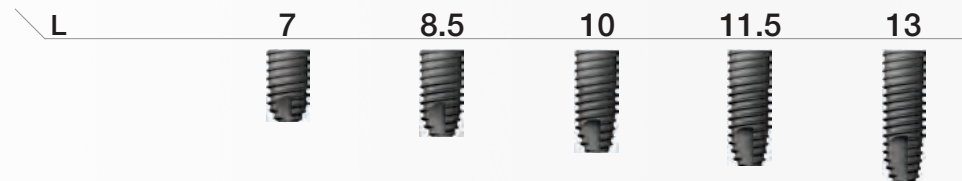
TS2S5006S TS2S5007S TS2S5008S TS2S5010S TS2S5011S TS2S5013S

D Ø3.5
Hex 2.1



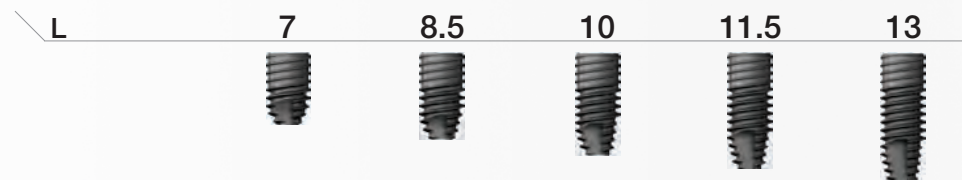
TS2M3508S TS2M3510S TS2M3511S TS2M3513S

D Ø4.0
Hex 2.5



TS2S4007S TS2S4008S TS2S4010S TS2S4011S TS2S4013S

D Ø4.5
Hex 2.5



TS2S4507S TS2S4508S TS2S4510S TS2S4511S TS2S4513S

Nominal diameter may differ from the actual diameter of the product
Note: Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

TSII BA Implant 2017.11

- Submerged type implant with an internal hex 11° tapered connection structure
- Premium low crystalline nano-HA coated SA surface
- Minimized risk of cracks or detachment of the coating due to the application of bioresorbable coating layer
- Straight body design for easy adjustment of placement depth
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- Superior self-threading effect with corkscrew thread

Ultra-wide

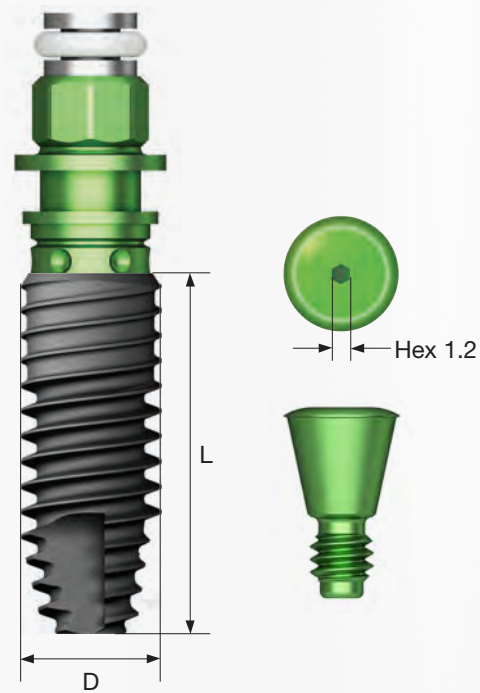
- Useful for placement in a fresh extraction socket in the posterior region, immediate placement case or for replacing a failed implant
- Optimized apex design for excellent initial stability in a fresh extraction socket or in 3mm from the bottom
- Recommended placement torque: $\leq 40\text{Ncm}$
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case

NoMount implant order code

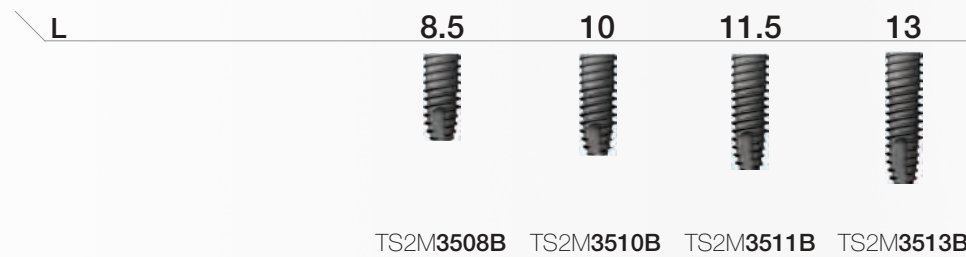
: implant product code (ex : TS2S4010B)

Pre-Mounted implant (implant + mount + cover screw) order code

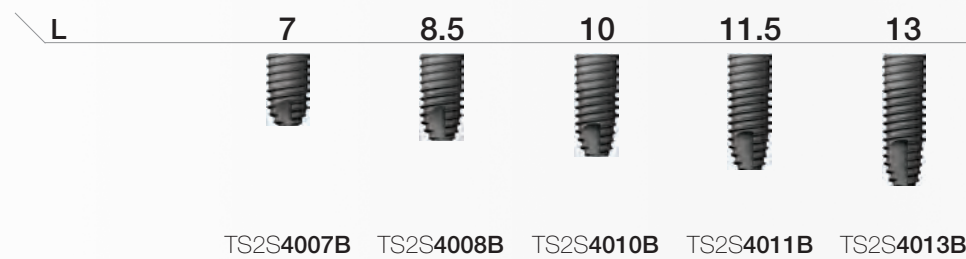
: B + implant product code (ex : BTS2S4010B)



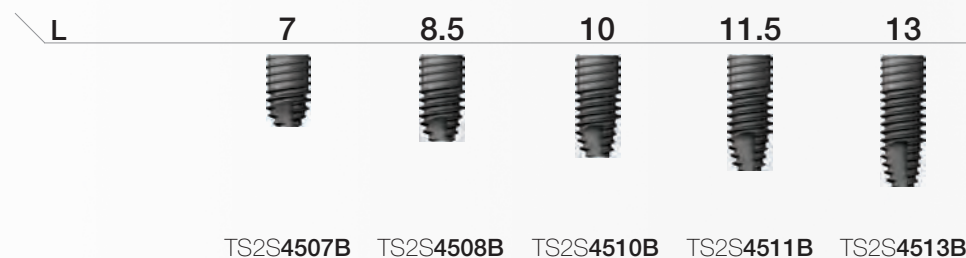
D Ø3.5
Hex 2.1



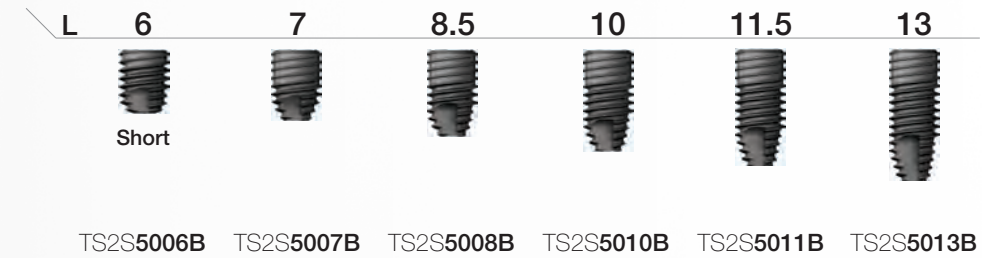
D Ø4.0
Hex 2.5



D Ø4.5
Hex 2.5

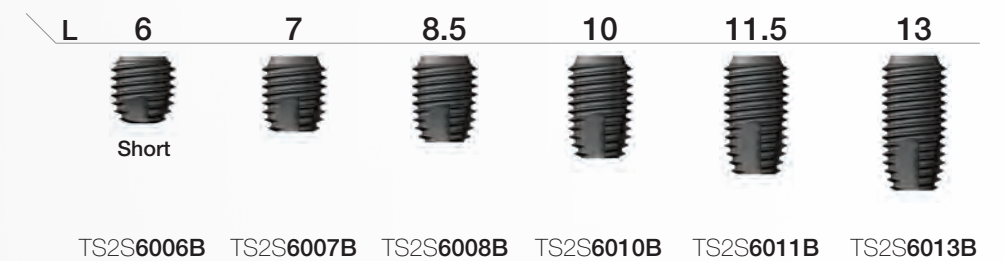


D Ø5.0
Hex 2.5



Ultra-Wide

D Ø6.0
Hex 2.5



D Ø7.0
Hex 2.5



Nominal diameter may differ from the actual diameter of the product

Note Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

TSIII SA Implant 2010.03

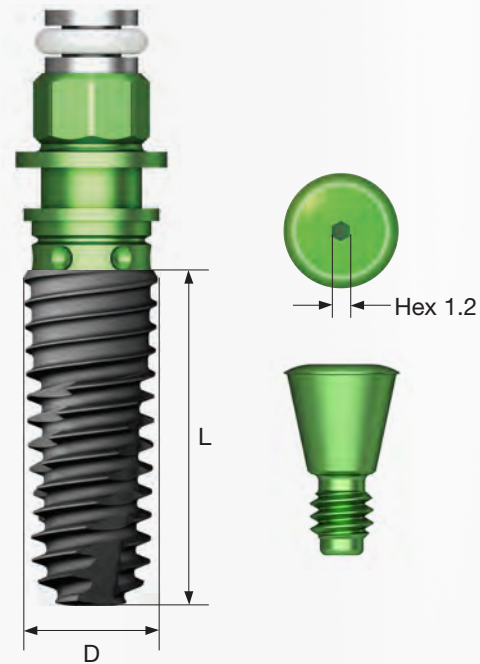
- Submerged type implant with an internal hex 11° tapered connection structure
- Optimal thread design for realization of optimal SA surface
- Tapered body design for excellent initial stability
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- Superior self-threading effect with corkscrew thread
- Ensuring excellent initial stability needed for immediate loading even in soft bone

Narrow

- Used in tight spaces (narrow ridge)
- Easy angle compensation in anterior region
- Compatible with existing mini abutment (not compatible with cover screws, mounts or lab analogs)

Ultra-wide

- Useful for placement in a fresh extraction socket in the posterior region, immediate placement case or for replacing a failed implant
- Optimized apex design for excellent initial stability in a fresh extraction socket or in 3mm from the bottom
- Recommended placement torque: $\leq 40\text{Ncm}$
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case



NoMount implant order code

: implant product code (ex : TS3S4010S)

Pre-Mounted implant (implant + mount + cover screw) order code

: B + implant product code (ex : BTS3S4010S)

D Ø3.0
Hex 2.1
Narrow



D Ø3.5
Hex 2.1



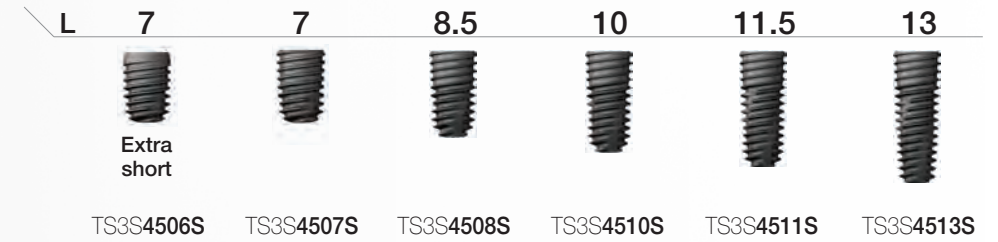
Nominal diameter may differ from the actual diameter of the product

Note Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

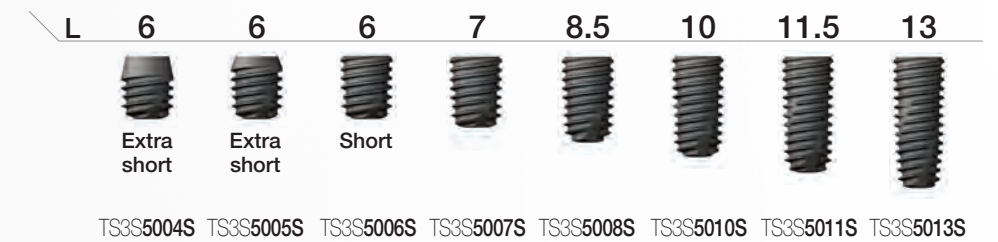
D Ø4.0
Hex 2.5



D Ø4.5
Hex 2.5

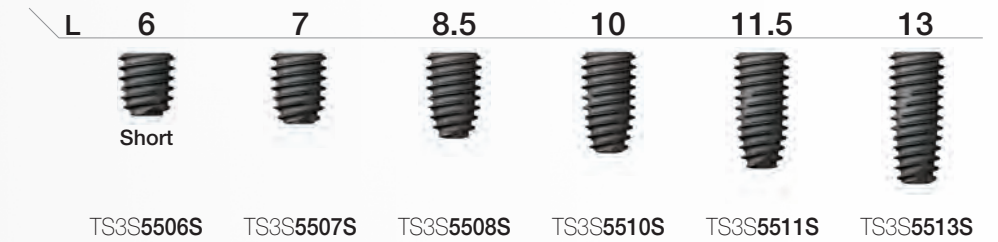


D Ø5.0
Hex 2.5



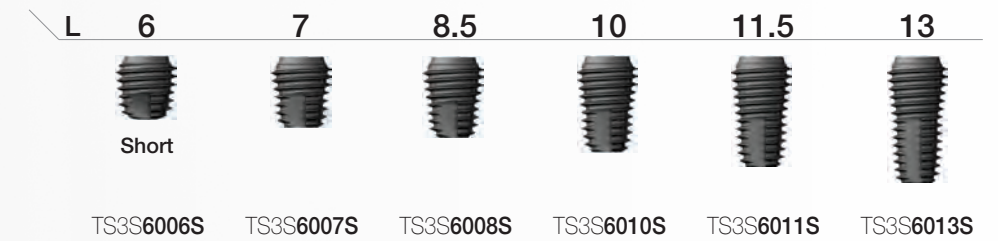
2015.11

D Ø5.5
Hex 2.5

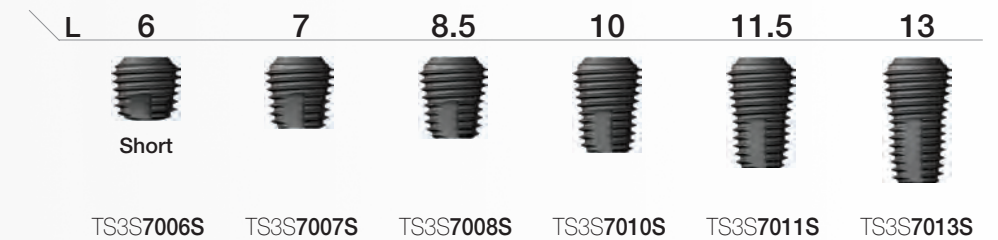


Ultra-Wide

D Ø6.0
Hex 2.5



D Ø7.0
Hex 2.5



TSIII CA Implant 2012.06

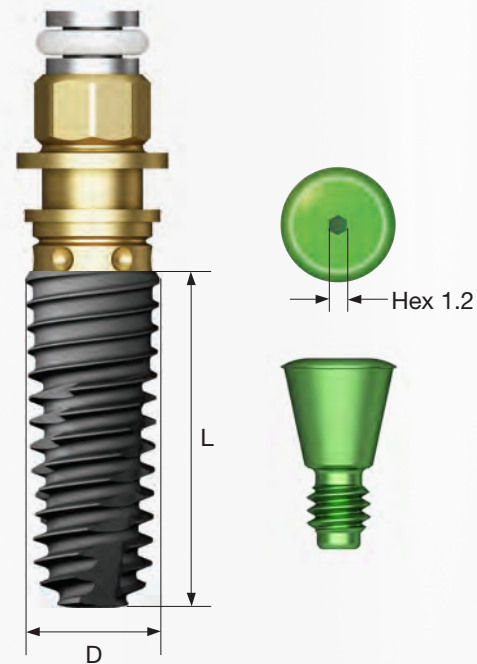
- Submerged type implant with an internal hex 11° tapered connection structure
- Super-hydrophilic SA surface suspended in a calcium solution
- Tapered body design for excellent initial stability
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- Superior self-threading effect with corkscrew thread
- Ensuring excellent initial stability needed for immediate loading even in soft bone

Narrow

- Used in tight spaces (narrow ridge)
- Easy angle compensation in anterior region
- Compatible with existing mini abutment (not compatible with cover screws, mounts or lab analogs)

Ultra-wide

- Useful for placement in a fresh extraction socket in the posterior region, immediate placement case or for replacing a failed implant
- Optimized apex design for excellent initial stability in a fresh extraction socket or in 3mm from the bottom
- Recommended placement torque: $\leq 40\text{Ncm}$
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case



NoMount implant order code

: implant product code (ex : TS3S4010C)

Pre-Mounted implant (implant + mount + cover screw) order code

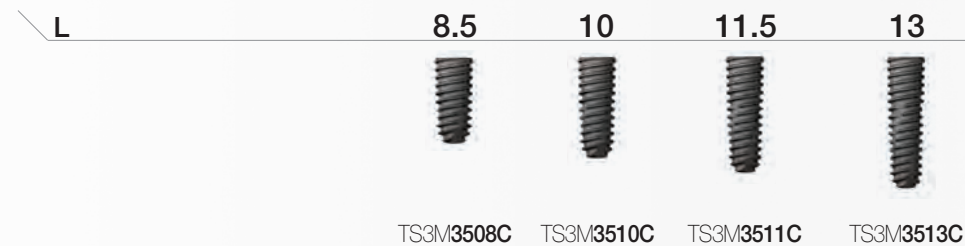
: B + implant product code (ex : BTS3S4010C)

2015.05

D Ø3.0
Hex 2.1
Narrow



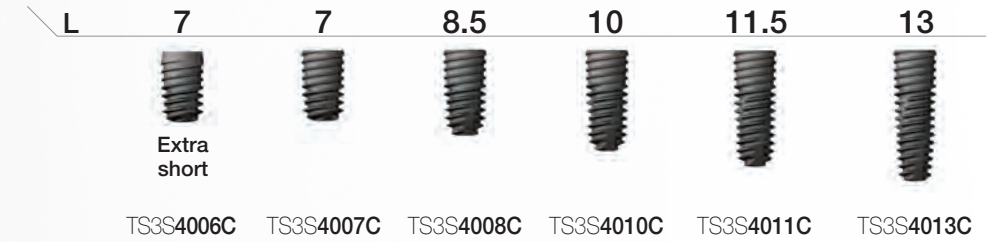
D Ø3.5
Hex 2.1



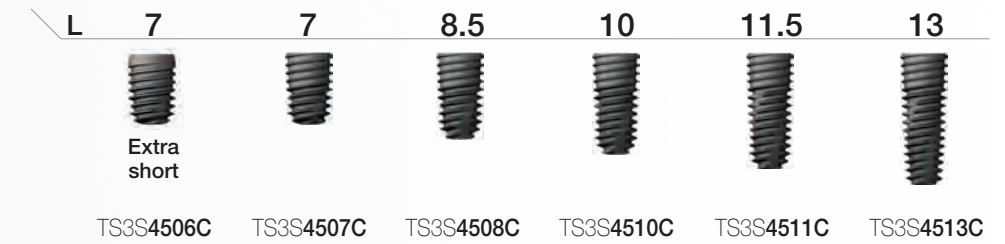
Nominal diameter may differ from the actual diameter of the product

Note Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

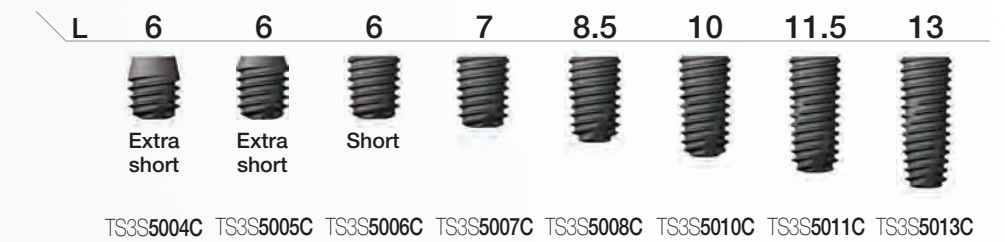
D Ø4.0
Hex 2.5



D Ø4.5
Hex 2.5

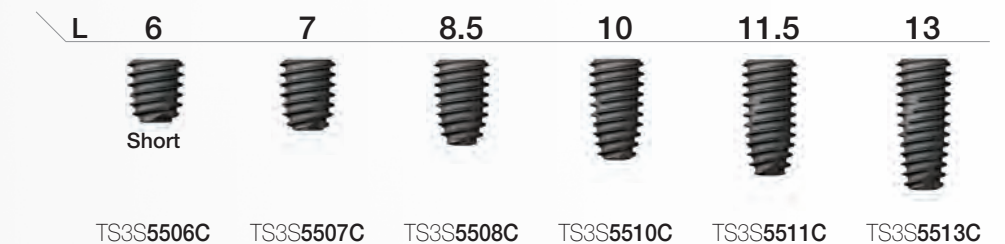


D Ø5.0
Hex 2.5



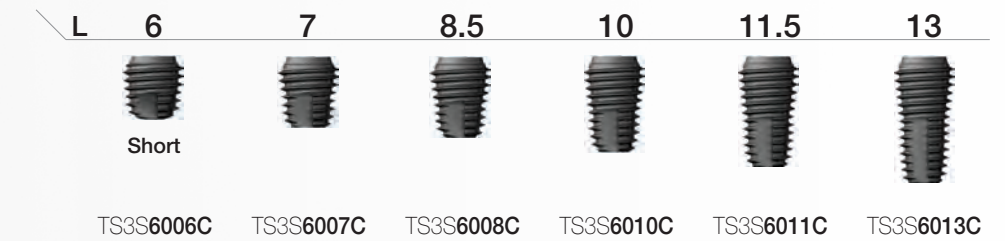
2016.02

D Ø5.5
Hex 2.5



Ultra-Wide

D Ø6.0
Hex 2.5



D Ø7.0
Hex 2.5



TSIII BA Implant 2016.02

- Submerged type implant with an internal hex 11° tapered connection structure
- Premium low crystalline nano-HA coated SA surface
- Minimized risk of cracks or detachment of the coating due to the application of bioresorbable coating layer
- Tapered body design for excellent initial stability
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- Superior self-threading effect with corkscrew thread
- Ensuring excellent initial stability needed for immediate loading even in soft bone

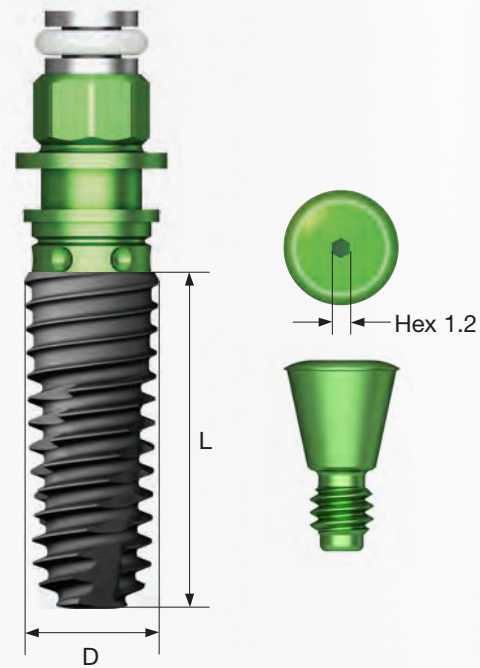
Narrow

- Used in tight spaces (narrow ridge)
- Easy angle compensation in anterior region
- Compatible with existing mini abutment (not compatible with cover screws, mounts or lab analogs)

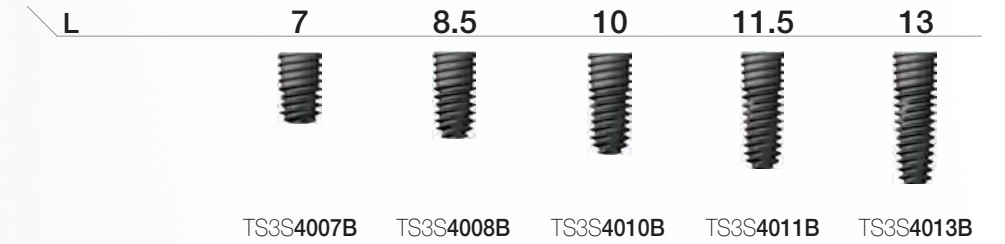
Ultra-wide

- Useful for placement in a fresh extraction socket in the posterior region, immediate placement case or for replacing a failed implant
- Optimized apex design for excellent initial stability in a fresh extraction socket or in 3mm from the bottom
- Recommended placement torque: ≤ 40Ncm

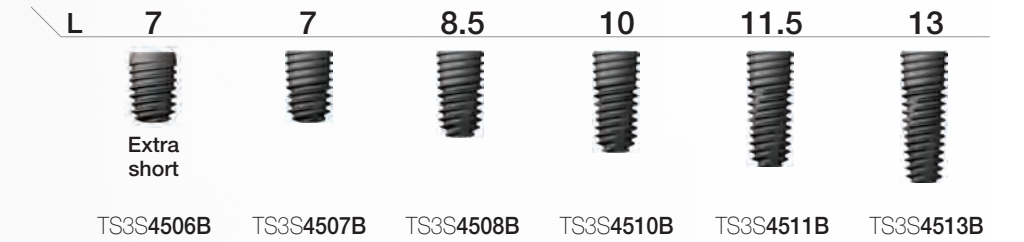
※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case



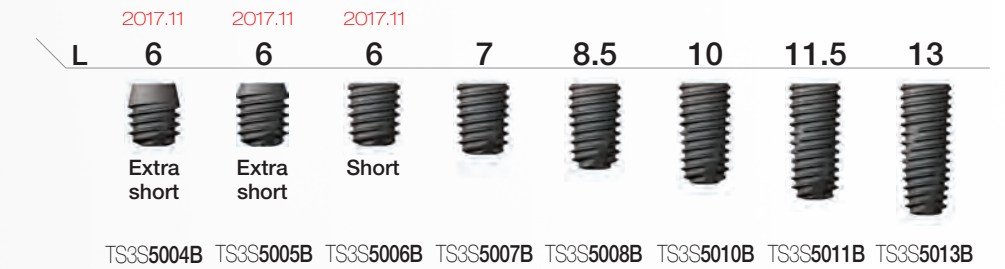
D Ø4.0
Hex 2.5



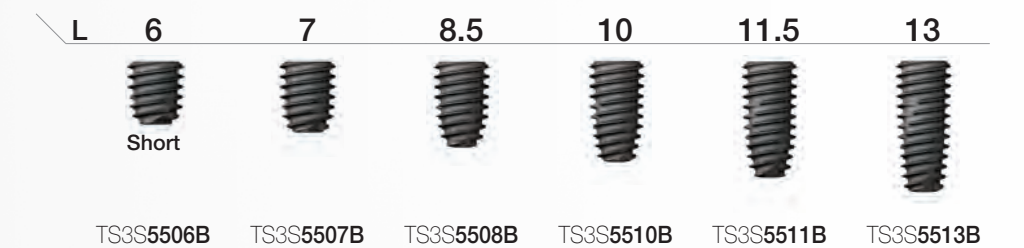
D Ø4.5
Hex 2.5



D Ø5.0
Hex 2.5

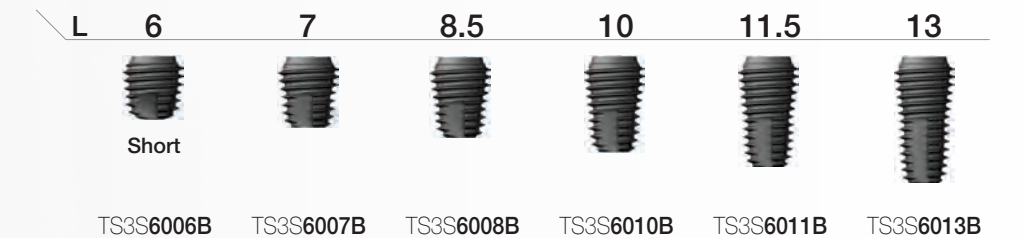


2017.11
D Ø5.5
Hex 2.5

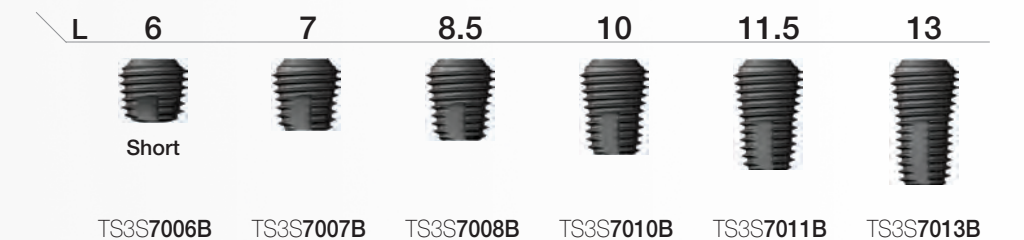


2017.11
Ultra-Wide

D Ø6.0
Hex 2.5



D Ø7.0
Hex 2.5

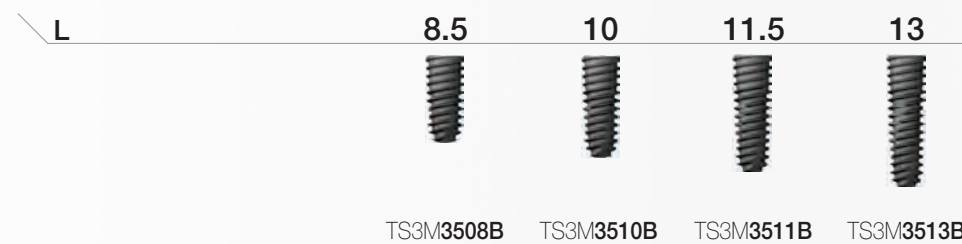


2019.02

D Ø3.0
Hex 2.1
Narrow



D Ø3.5
Hex 2.1



Nominal diameter may differ from the actual diameter of the product

Note Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

TSIII SOI Implant 2016.06

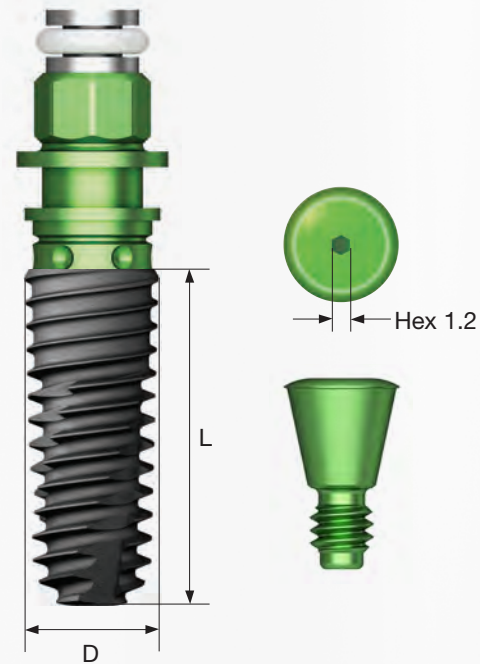
- Submerged type implant with an internal hex 11° tapered connection structure
- Super hydrophilic SA surface with superior blood wettability, coated with K substance (HEPES)
- Super hydrophilic surface inducing fast blood clot formation
- Tapered body design for excellent initial stability
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- Superior self-threading effect with corkscrew thread
- Ensuring excellent initial stability needed for immediate loading even in soft bone

Narrow

- Used in tight spaces (narrow ridge)
- Easy angle compensation in anterior region
- Compatible with existing mini abutment (not compatible with cover screws, mounts or lab analogs)

Ultra-wide

- Useful for placement in a fresh extraction socket in the posterior region, immediate placement case or for replacing a failed implant
- Optimized apex design for excellent initial stability in a fresh extraction socket or in 3mm from the bottom
- Recommended placement torque: $\leq 40\text{Ncm}$
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case



NoMount implant order code

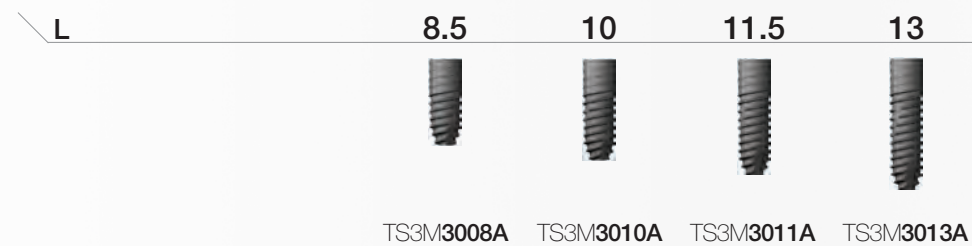
: implant product code (ex : TS3S4010A)

Pre-Mounted implant (implant + mount + cover screw) order code

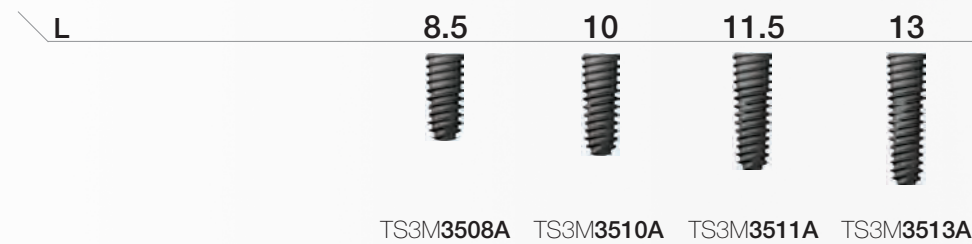
: B + implant product code (ex : BTS3S4010A)

2019.01

D Ø3.0 Hex 2.1 Narrow



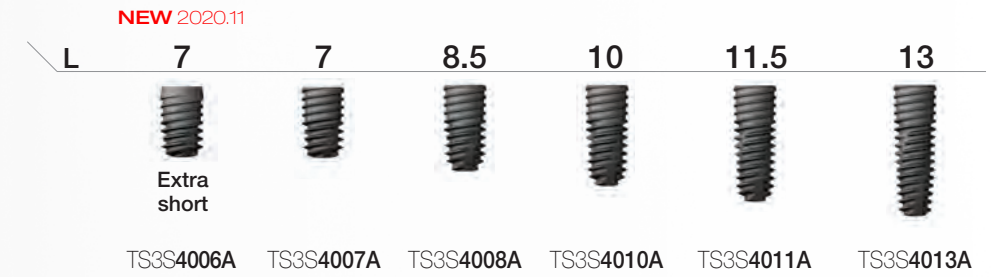
D Ø3.5 Hex 2.1



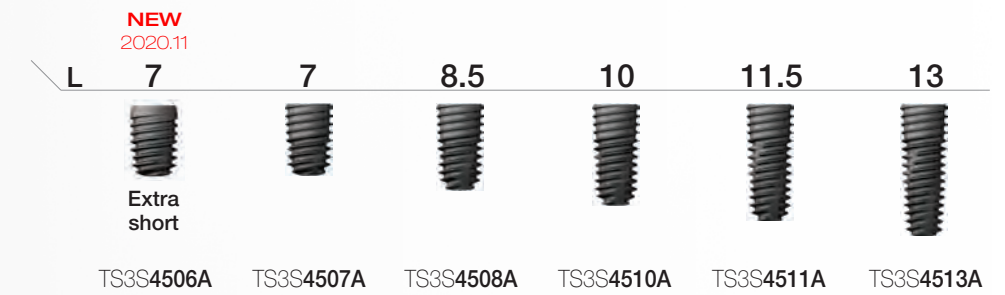
Nominal diameter may differ from the actual diameter of the product

Note Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

D Ø4.0 Hex 2.5



D Ø4.5 Hex 2.5

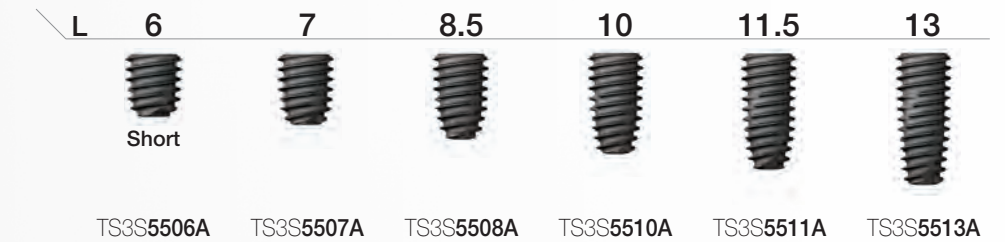


D Ø5.0 Hex 2.5



NEW 2020.11

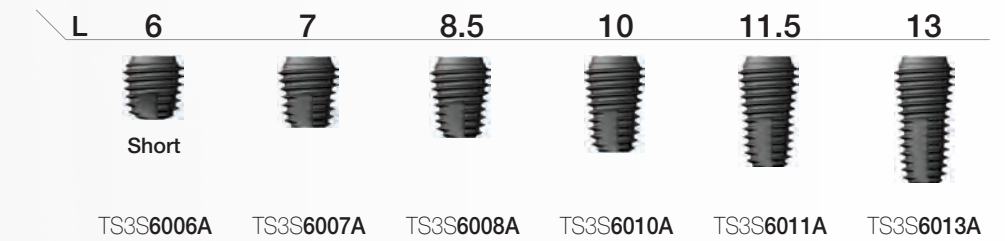
D Ø5.5 Hex 2.5



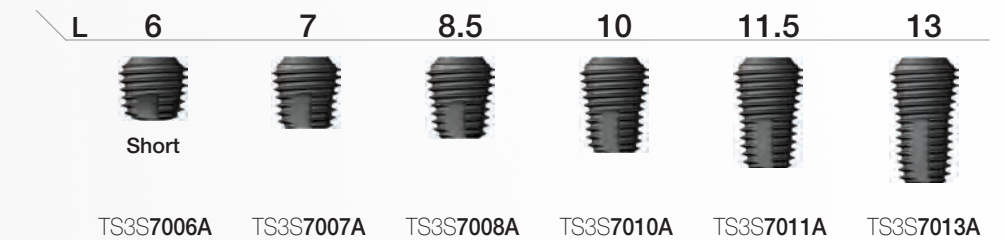
NEW 2020.11

Ultra-Wide

D Ø6.0 Hex 2.5



D Ø7.0 Hex 2.5



TSIV SA Implant 2010.03

- Submerged type implant with an internal hex 11° tapered connection structure
- Optimal thread design for realization of optimal SA surface
- Implant for maxillary sinus and soft bone
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- Superior self-threading effect with corkscrew thread
- Sharp apex design allowing placement even after D4 bone Ø2.0/3.0mm drilling

Ultra-wide

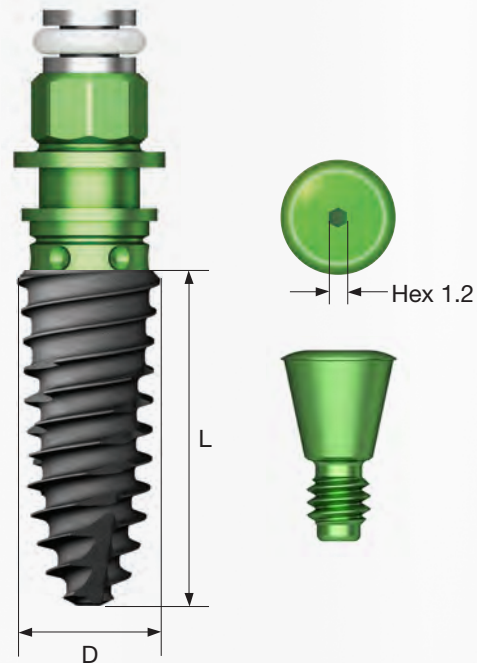
- Useful for placement in a fresh extraction socket in the posterior region, immediate placement case or for replacing a failed implant
- Optimized apex design for excellent initial stability in a fresh extraction socket or in 3mm from the bottom
- Recommended placement torque: ≤ 40Ncm
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case
- ※ For TSIV implant, considering the fast placement speed because of the large thread pitch, reducing the drilling speed to 15rpm or lower is recommended for placement.

NoMount implant order code

: implant product code (ex : TS4S4010S)

Pre-Mounted implant (implant + mount + cover screw) order code

: B + implant product code (ex : BTS4S4010S)



D Ø4.0 Pitch 0.8
Hex 2.5



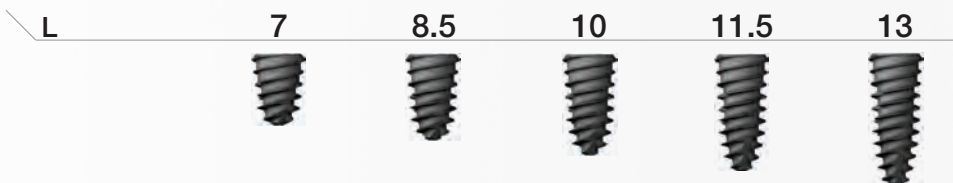
TS4S4007S TS4S4008S TS4S4010S TS4S4011S TS4S4013S

D Ø4.5 Pitch 1.0
Hex 2.5



TS4S4507S TS4S4508S TS4S4510S TS4S4511S TS4S4513S

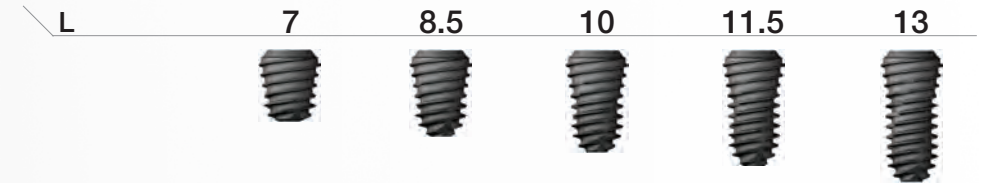
D Ø5.0 Pitch 1.2
Hex 2.5



TS4S5007S TS4S5008S TS4S5010S TS4S5011S TS4S5013S

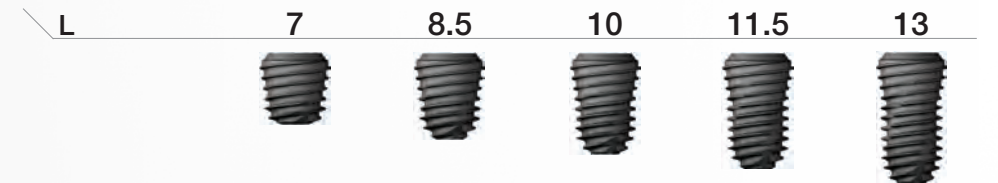
Ultra-wide

D Ø6.0
Hex 2.5



TS4S6007S TS4S6008S TS4S6010S TS4S6011S TS4S6013S

D Ø7.0
Hex 2.5



TS4S7007S TS4S7008S TS4S7010S TS4S7011S TS4S7013S

Nominal diameter may differ from the actual diameter of the product

TSIV CA Implant 2012.06

- Submerged type implant with an internal hex 11° tapered connection structure
- Super-hydrophilic SA surface suspended in a calcium solution
- Implant for maxillary sinus and soft bone
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- Superior self-threading effect with corkscrew thread
- Sharp apex design allowing placement even after D4 bone Ø2.0/3.0mm drilling

Ultra-wide

- Useful for placement in a fresh extraction socket in the posterior region, immediate placement case or for replacing a failed implant
- Optimized apex design for excellent initial stability in a fresh extraction socket or in 3mm from the bottom
- Recommended placement torque: ≤ 40Ncm
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case
- ※ For TSIV implant, considering the fast placement speed because of the large thread pitch, reducing the drilling speed to 15rpm or lower is recommended for placement.



NoMount implant order code

: implant product code (ex : TS4S4010C)

D Ø4.0 Pitch 0.8
Hex 2.5



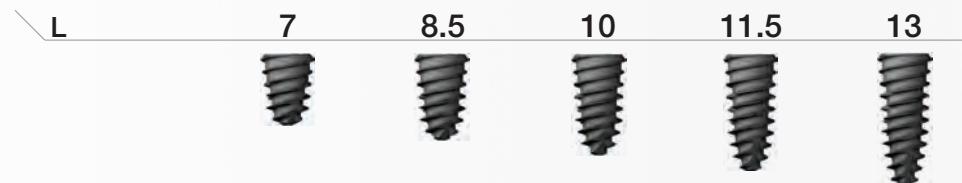
TS4S4007C TS4S4008C TS4S4010C TS4S4011C TS4S4013C

D Ø4.5 Pitch 1.0
Hex 2.5



TS4S4507C TS4S4508C TS4S4510C TS4S4511C TS4S4513C

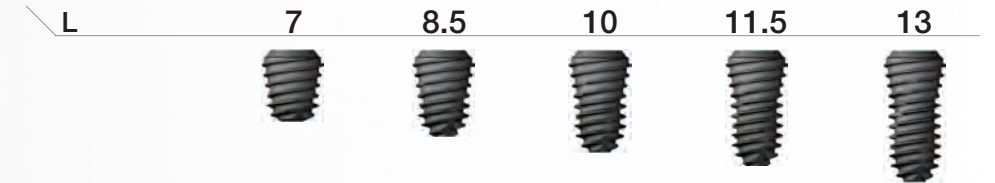
D Ø5.0 Pitch 1.2
Hex 2.5



TS4S5007C TS4S5008C TS4S5010C TS4S5011C TS4S5013C

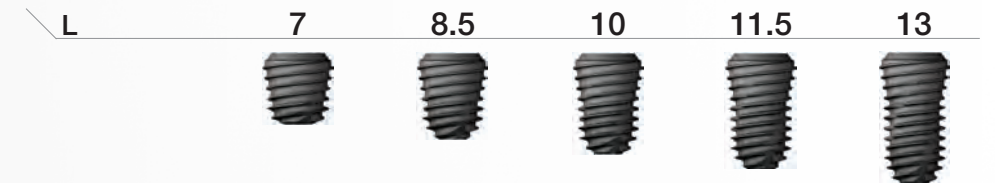
Ultra-wide

D Ø6.0
Hex 2.5



TS4S6007C TS4S6008C TS4S6010C TS4S6011C TS4S6013C

D Ø7.0
Hex 2.5



TS4S7007C TS4S7008C TS4S7010C TS4S7011C TS4S7013C

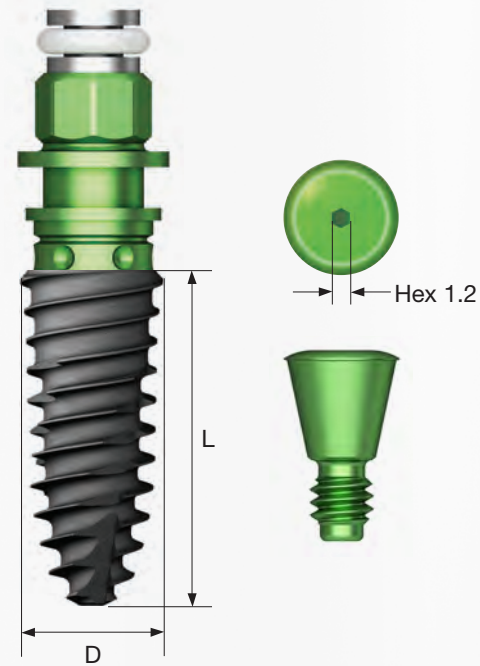
Nominal diameter may differ from the actual diameter of the product

TSIV BA Implant 2017.11

- Submerged type implant with an internal hex 11° tapered connection structure
- Premium low crystalline nano-HA coated SA surface
- Minimized risk of cracks or detachment of the coating due to the application of bioresorbable coating layer
- Implant for maxillary sinus and soft bone
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- Superior self-threading effect with corkscrew thread
- Sharp apex design allowing placement even after D4 bone Ø2.0/3.0mm drilling

Ultra-wide

- Useful for posterior region extraction, immediate placement case and failed implant replacement
- Optimized apex design for excellent initial stability in a fresh extraction socket in 3mm from the bottom
- Recommended placement torque: ≤ 40Ncm
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case
- ※ For TSIV implant, considering the fast placement speed because of the large thread pitch, reducing the drilling speed to 15rpm or lower is recommended for placement.



NoMount implant order code

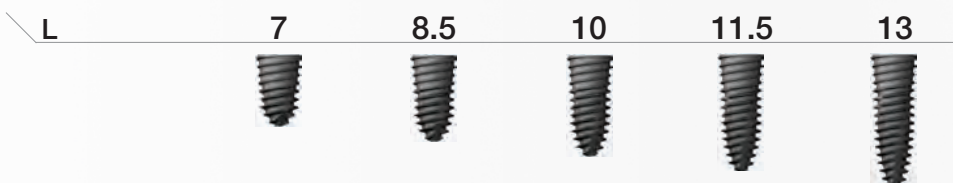
: implant product code (ex : TS4S4010B)

Pre-Mounted implant (implant + mount + cover screw) order code

: B + implant product code (ex : BTS4S4010B)

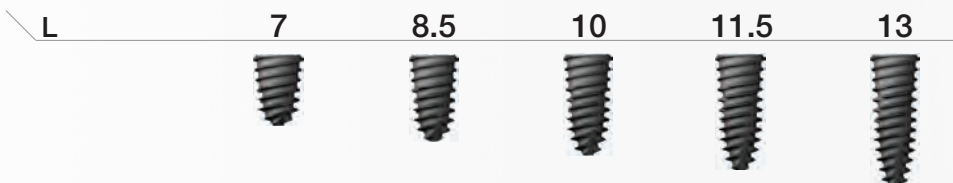
※ For Ø6.0, Ø7.0, Pre-Mount Only

D Ø4.0 Pitch 0.8
Hex 2.5



TS4S4007B TS4S4008B TS4S4010B TS4S4011B TS4S4013B

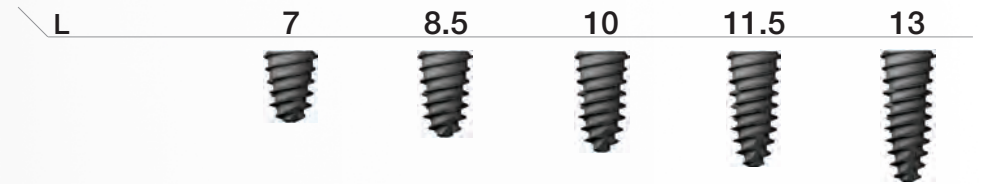
D Ø4.5 Pitch 1.0
Hex 2.5



TS4S4507B TS4S4508B TS4S4510B TS4S4511B TS4S4513B

Nominal diameter may differ from the actual diameter of the product

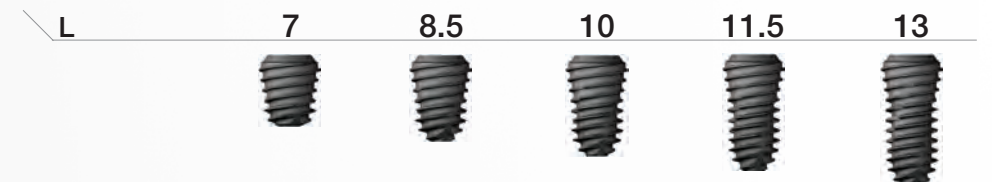
D Ø5.0 Pitch 1.2
Hex 2.5



TS4S5007B TS4S5008B TS4S5010B TS4S5011B TS4S5013B

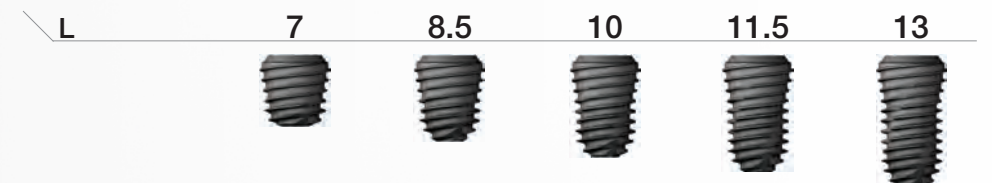
Ultra-wide

D Ø6.0
Hex 2.5



TS4S6007B TS4S6008B TS4S6010B TS4S6011B TS4S6013B

D Ø7.0
Hex 2.5

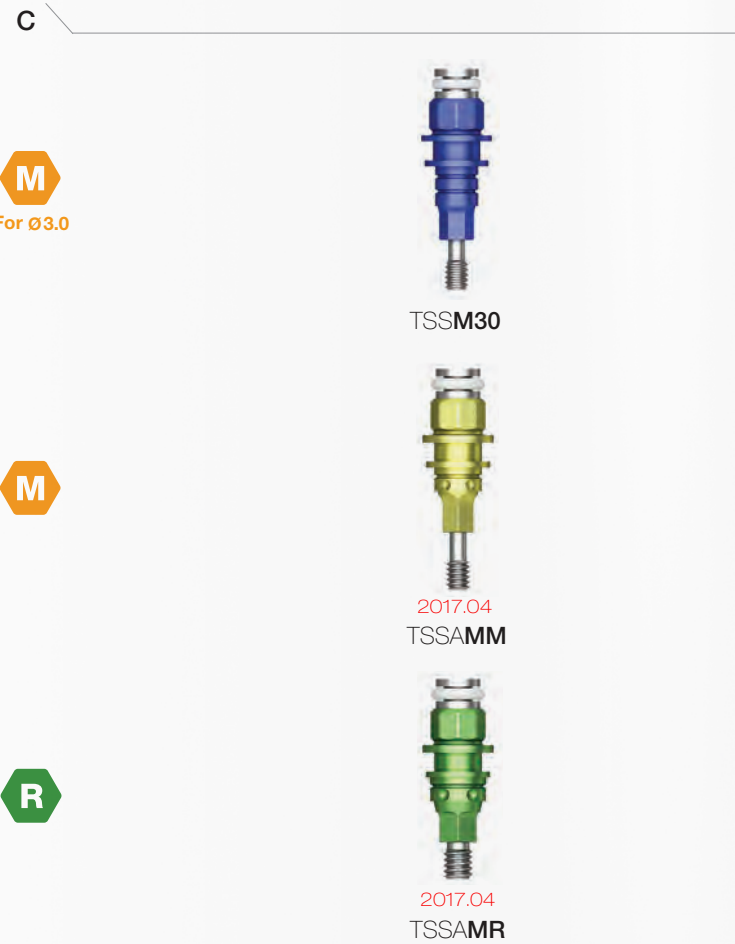


TS4S7007B TS4S7008B TS4S7010B TS4S7011B TS4S7013B

Simple Mount

- Hex driver : 1.2
- Recommended tightening torque: 8~10 Ncm
- Packing unit : mount + mount screw
- ※ Disposable, Do not reuse
- C = Connection

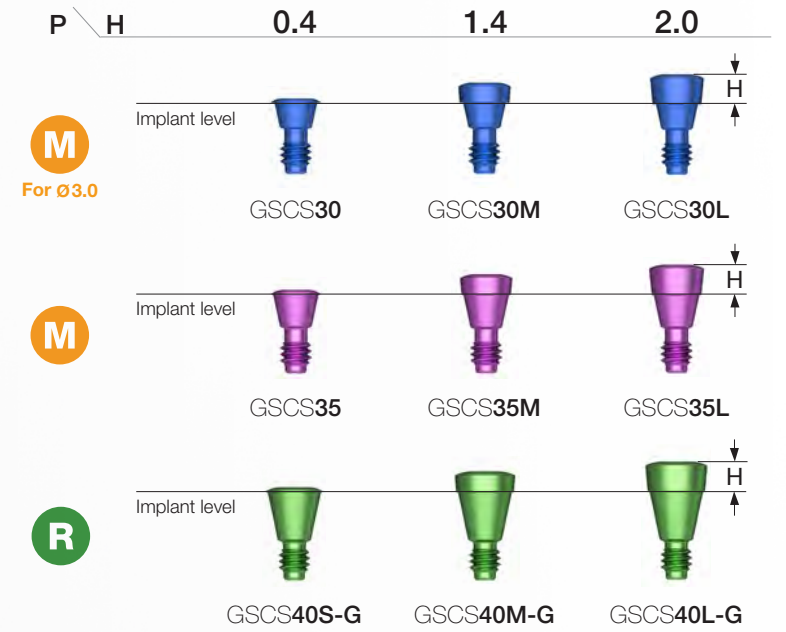
- M** Mini
- R** Regular



Cover Screw

- Height (H) selected according to the implant placement depth
- A dedicated cover screw should be used for Ø3.0 implant
- Hand tightened with a 1.2 hex driver
- P = Platform

- M** Mini
- R** Regular



GBR Cover Screw

- Allows guided bone regeneration (GBR) procedure of local sites
- Supporting bone grafts with a wide screw head
- Hand tightened with a 1.2 hex driver
- P = Platform

- M** Mini
- R** Regular



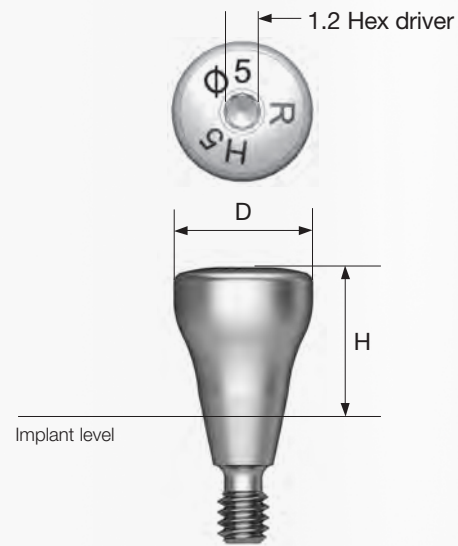
Healing Abutment ^{2015.06}

- Mini (yellow) type used for implants of Ø3.5 or smaller
- Hand tightened with a 1.2 hex driver

M Mini
R Regular

Matching table

Healing abutment	H	3.0	4.0	5.0	7.0
Abutment	G/H	1.0	2.0 or 3.0	3.0 or 4.0	5.0 and above
Impression coping	Type	Short	Short	Long	Long



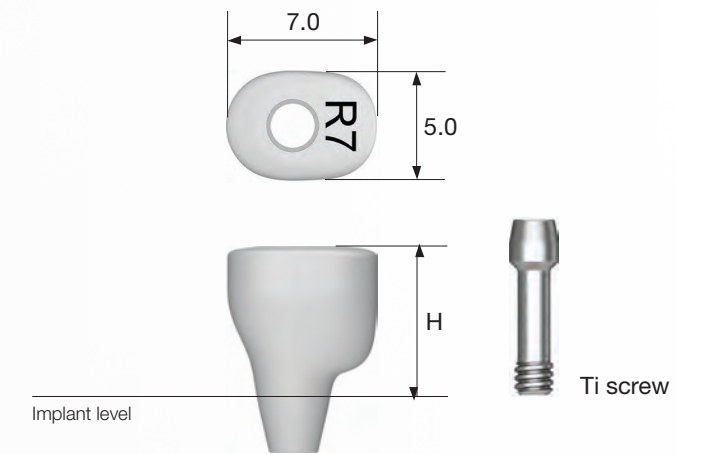
D \ H	3.0	4.0	5.0	6.0	7.0	9.0
Ø4.0	TSHA403M	TSHA404M	TSHA405M	TSHA406M	TSHA407M	TSHA409M
Ø4.5	TSHA453M	TSHA454M	TSHA455M	TSHA456M	TSHA457M	TSHA459M
D \ H	3.0	4.0	5.0	6.0	7.0	9.0
Ø4.0	TSHA403R	TSHA404R	TSHA405R	TSHA406R	TSHA407R	TSHA409R
Ø4.5	TSHA453R	TSHA454R	TSHA455R	TSHA456R	TSHA457R	TSHA459R
Ø5.0	TSHA503R	TSHA504R	TSHA505R	TSHA506R	TSHA507R	TSHA509R
Ø6.0	TSHA603R	TSHA604R	TSHA605R	TSHA606R	TSHA607R	TSHA609R
Ø7.0	TSHA703R	TSHA704R	TSHA705R	TSHA706R	TSHA707R	TSHA709R
Ø8.0	-	-	TSHA805R	-	-	-

Custom Healing Abutment ^{2013.10}

- Used when healing abutment in the shape of a tooth is required
- Used by removing or with resin attached
- Material: medical PEEK
- A dedicated titanium screw is used
- Hand tightened with a 1.2 hex driver
- Packing unit : abutment + Ti screw
- P = Platform

Abutment + Ti screw order code
: product code + **TH** (ex : TSCHAPR7**TH**)

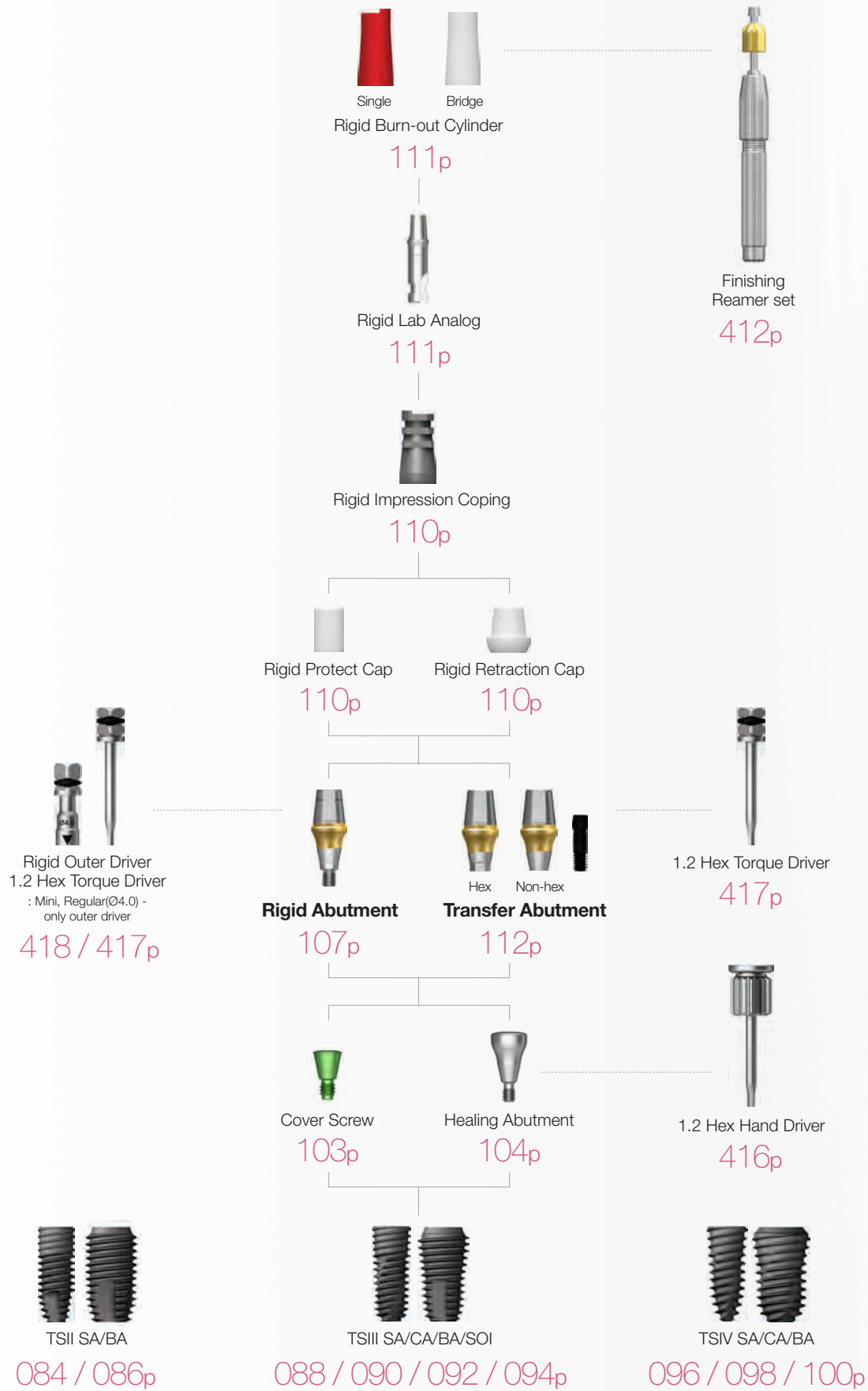
M Mini
R Regular



P \ H	5.0	7.0	9.0
M Ti screw : GSCHABSMT	TSCHAPM5	TSCHAPM7	TSCHAPM9
R Ti screw : GSCHABSST	TSCHAPR5	TSCHAPR7	TSCHAPR9

Rigid / Transfer

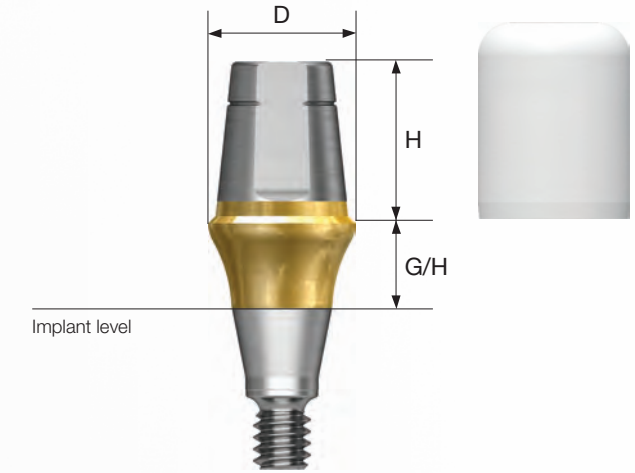
Abutment Level Impression



Rigid Abutment ^{2013.01}

- Abutment for producing cement-retained prosthesis
- Abutment level impression
- Ø4.0 : tightened with an outer driver (code : ORDML / ORDMS)
- Ø4.5/5.0/6.0 : tightened with an outer driver or a 1.2 hex driver
- Ø7.0 : tightened with a 1.2 hex driver
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + protect cap

Abutment + protect cap order code
: product code + **P** (ex : GSRA5620**P**)



D Ø4.0

M

H \ G/H	1.0	2.0	3.0	4.0	5.0
4.0	GSRA4410	GSRA4420	GSRA4430	GSRA4440	GSRA4450
5.5	GSRA4610	GSRA4620	GSRA4630	GSRA4640	GSRA4650
7.0	GSRA4710	GSRA4720	GSRA4730	GSRA4740	GSRA4750

D Ø4.5

M

H \ G/H	1.0	2.0	3.0	4.0	5.0
4.0	GSRA4411	GSRA4421	GSRA4431	GSRA4441	GSRA4451
5.5	GSRA4611	GSRA4621	GSRA4631	GSRA4641	GSRA4651
7.0	GSRA4711	GSRA4721	GSRA4731	GSRA4741	GSRA4751

Rigid Abutment ^{2013.01}

D Ø4.0

R

H \ G/H	1.0	2.0	3.0	4.0	5.0
					
4.0	GSRAS4410	GSRAS4420	GSRAS4430	GSRAS4440	GSRAS4450
5.5	GSRAS4610	GSRAS4620	GSRAS4630	GSRAS4640	GSRAS4650
7.0	GSRAS4710	GSRAS4720	GSRAS4730	GSRAS4740	GSRAS4750

D Ø4.5

R

H \ G/H	1.0	2.0	3.0	4.0	5.0
					
4.0	GSRAS4411	GSRAS4421	GSRAS4431	GSRAS4441	GSRAS4451
5.5	GSRAS4611	GSRAS4621	GSRAS4631	GSRAS4641	GSRAS4651
7.0	GSRAS4711	GSRAS4721	GSRAS4731	GSRAS4741	GSRAS4751

D Ø5.0

R

H \ G/H	1.0	2.0	3.0	4.0	5.0
					
4.0	GSRA5410	GSRA5420	GSRA5430	GSRA5440	GSRA5450
5.5	GSRA5610	GSRA5620	GSRA5630	GSRA5640	GSRA5650
7.0	GSRA5710	GSRA5720	GSRA5730	GSRA5740	GSRA5750

D Ø6.0

R

H \ G/H	1.0	2.0	3.0	4.0	5.0
					
4.0	GSRA6410	GSRA6420	GSRA6430	GSRA6440	GSRA6450
5.5	GSRA6610	GSRA6620	GSRA6630	GSRA6640	GSRA6650
7.0	GSRA6710	GSRA6720	GSRA6730	GSRA6740	GSRA6750

D Ø7.0

R

H \ G/H	1.0	2.0	3.0	4.0	5.0
					
5.5	GSRA7610	GSRA7620	GSRA7630	GSRA7640	GSRA7650




Rigid Abutment Components

Rigid Protect Cap

- Used for Rigid Abutment protection and reducing patient discomfort
- Used as a temporary crown base
- Used for transfer abutment (except Ø4.0)

M Mini

R Regular

D \ H	4.0	5.5	7.0
Ø 4.0 / Ø 4.0	 GSRPC440	 GSRPC460	 GSRPC470
Ø 4.5 / Ø 4.5	GSRPC441	GSRPC461	GSRPC471
Ø 5.0	GSRPC540	GSRPC560	GSRPC570
Ø 6.0	GSRPC640	GSRPC660	GSRPC670
Ø 7.0	-	GSRPC760	-

Rigid Burn-out Cylinder

- Replacement of resin cap prior to fabrication of wax-up using Rigid Abutment
- Enabling the fabrication of elaborate prosthesis with uniform interior
- Used after removing the tightening connection of the lower margin after casting

M Mini

R Regular




D \ Type	Single	Bridge
Ø 4.0 / Ø 4.0	 GSRP400S	 GSRP400B
Ø 4.5 / Ø 4.5	GSRP450S	GSRP450B
Ø 5.0	GSRP500S	GSRP500B
Ø 6.0	GSRP600S	GSRP600B
Ø 7.0	GSRP700S	GSRP700B

Rigid Retraction Cap

- Used for accurate margin reproduction by pushing away the surrounding gingiva when taking a direct impression of Rigid Abutment
- Used as a temporary crown base
- Used for transfer abutment (except Ø4.0)

M Mini

R Regular




D \ H	4.0	5.5	7.0
Ø 4.0 / Ø 4.0	 GSRRC440	 GSRRC460	 GSRRC470
Ø 4.5 / Ø 4.5	GSRRC441	GSRRC461	GSRRC471
Ø 5.0	GSRRC540	GSRRC560	GSRRC570
Ø 6.0	GSRRC640	GSRRC660	GSRRC670
Ø 7.0	-	GSRRC760	-

Rigid Lab Analog

- Rigid abutment reproduction on model after impression taking
- Used by connecting to the appropriate color coded rigid impression coping

M Mini

R Regular

D \ H	4.0	5.5	7.0
Ø 4.0 / Ø 4.0	 GSRLA440	 GSRLA460	 GSRLA470
Ø 4.5 / Ø 4.5	GSRLA441	GSRLA461	GSRLA471
Ø 5.0	GSRLA540	GSRLA560	GSRLA570
Ø 6.0	GSRLA640	GSRLA660	GSRLA670
Ø 7.0	-	GSRLA760	-

Rigid Impression Coping

- Components for Rigid Abutment impression
- Enabling the fabrication of elaborate prosthesis using lab analog
- Used by selecting the color matching the abutment height
- Used for transfer abutment (except Ø4.0)

M Mini

R Regular

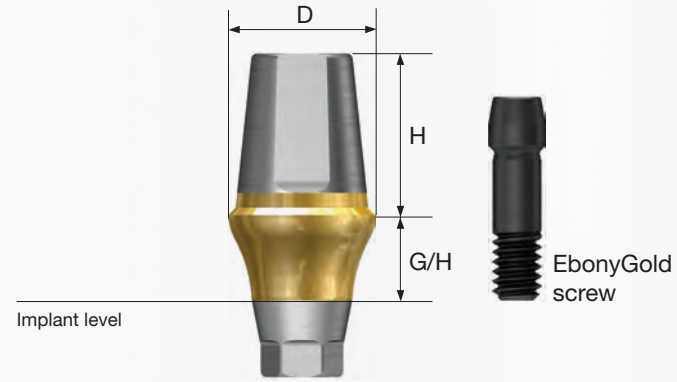
D \ H	4.0	5.5	7.0
Ø 4.0 / Ø 4.0	 GSRIC440S	 GSRIC460S	 GSRIC470S
Ø 4.5 / Ø 4.5	GSRIC441S	GSRIC461S	GSRIC471S
Ø 5.0	GSRIC540S	GSRIC560S	GSRIC570S
Ø 6.0	GSRIC640S	GSRIC660S	GSRIC670S
Ø 7.0	-	GSRIC760S	-

Transfer Abutment 2013.01

- Abutment for producing cement-retained/combination prosthesis
- Implant level impression
- Abutment level impression possible by rigid impression coping (except Ø 4.0)
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm(mini), 30Ncm(regular)
- Packing unit : abutment + EbonyGold screw



Abutment + EbonyGold screw order code
: product code + **WH** (ex : GSTA4621WH)



D Ø4.0



EbonyGold screw
: GSABSM

Abutment level
impression not
available

		H \ G/H	1.0	2.0	3.0	4.0
Hex	5.5					
	7.0					
Non-Hex	5.5					
	7.0					

		H \ G/H	5.0	6.0	7.0
Hex	5.5				
	7.0				
Non-Hex	5.5				
	7.0				

D Ø4.5



EbonyGold screw
: GSABSM

		H \ G/H	1.0	2.0	3.0	4.0
Hex	5.5					
	7.0					
Non-Hex	5.5					
	7.0					

		H \ G/H	5.0	6.0	7.0
Hex	5.5				
	7.0				
Non-Hex	5.5				
	7.0				

D Ø4.5



EbonyGold screw
: GSABSS

		H \ G/H	1.0	2.0	3.0	4.0
Hex	5.5					
	7.0					
Non-Hex	5.5					
	7.0					

		H \ G/H	5.0	6.0	7.0
Hex	5.5				
	7.0				
Non-Hex	5.5				
	7.0				

Transfer Abutment ^{2013.01}

D Ø5.0



EbonyGold screw
: GSABSS

	H \ G/H	1.0	2.0	3.0	4.0
Hex	4.0	GSTA5410	GSTA5420	GSTA5430	GSTA5440
	5.5	GSTA5610	GSTA5620	GSTA5630	GSTA5640
	7.0	GSTA5710	GSTA5720	GSTA5730	GSTA5740
Non-Hex	4.0	GSTA5410N	GSTA5420N	GSTA5430N	GSTA5440N
	5.5	GSTA5610N	GSTA5620N	GSTA5630N	GSTA5640N
	7.0	GSTA5710N	GSTA5720N	GSTA5730N	GSTA5740N

	H \ G/H	5.0	6.0	7.0
Hex	4.0	GSTA5450	GSTA5460	GSTA5470
	5.5	GSTA5650	GSTA5660	GSTA5670
	7.0	GSTA5750	GSTA5760	GSTA5770
Non-Hex	4.0	GSTA5450N	GSTA5460N	GSTA5470N
	5.5	GSTA5650N	GSTA5660N	GSTA5670N
	7.0	GSTA5750N	GSTA5760N	GSTA5770N

D Ø6.0



EbonyGold screw
: GSABSS

	H \ G/H	1.0	2.0	3.0	4.0
Hex	4.0	GSTA6410	GSTA6420	GSTA6430	GSTA6440
	5.5	GSTA6610	GSTA6620	GSTA6630	GSTA6640
	7.0	GSTA6710	GSTA6720	GSTA6730	GSTA6740
Non-Hex	4.0	GSTA6410N	GSTA6420N	GSTA6430N	GSTA6440N
	5.5	GSTA6610N	GSTA6620N	GSTA6630N	GSTA6640N
	7.0	GSTA6710N	GSTA6720N	GSTA6730N	GSTA6740N

D Ø6.0



EbonyGold screw
: GSABSS

	H \ G/H	5.0	6.0	7.0
Hex	4.0	GSTA6450	GSTA6460	GSTA6470
	5.5	GSTA6650	GSTA6660	GSTA6670
	7.0	GSTA6750	GSTA6760	GSTA6770
Non-Hex	4.0	GSTA6450N	GSTA6460N	GSTA6470N
	5.5	GSTA6650N	GSTA6660N	GSTA6670N
	7.0	GSTA6750N	GSTA6760N	GSTA6770N

D Ø7.0



EbonyGold screw
: GSABSS

	H \ G/H	1.0	2.0	3.0	4.0
Hex	4.0	GSTA7410	GSTA7420	GSTA7430	GSTA7440
	5.5	GSTA7610	GSTA7620	GSTA7630	GSTA7640
	7.0	GSTA7710	GSTA7720	GSTA7730	GSTA7740
Non-Hex	4.0	GSTA7410N	GSTA7420N	GSTA7430N	GSTA7440N
	5.5	GSTA7610N	GSTA7620N	GSTA7630N	GSTA7640N
	7.0	GSTA7710N	GSTA7720N	GSTA7730N	GSTA7740N

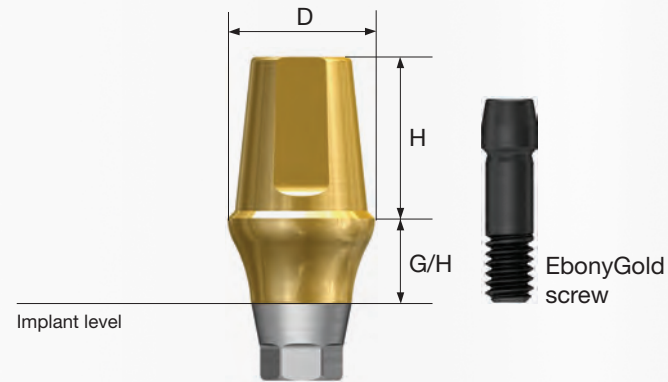
	H \ G/H	5.0	6.0	7.0
Hex	4.0	GSTA7450	GSTA7460	GSTA7470
	5.5	GSTA7650	GSTA7660	GSTA7670
	7.0	GSTA7750	GSTA7760	GSTA7770
Non-Hex	4.0	GSTA7450N	GSTA7460N	GSTA7470N
	5.5	GSTA7650N	GSTA7660N	GSTA7670N
	7.0	GSTA7750N	GSTA7760N	GSTA7770N

Transfer ID Abutment 2014.09

• Transfer abutment not covered by health insurance



Abutment + EbonyGold screw order code
: product code + WH (ex : BGSTA4621WH)



D Ø4.0



EbonyGold screw
: GSABSM

Abutment level
impression not
available

		H \ G/H	1.0	2.0	3.0	4.0
Hex	5.5					
	7.0					
Non-Hex	5.5					
	7.0					

		H \ G/H	5.0	6.0	7.0
Hex	5.5				
	7.0				
Non-Hex	5.5				
	7.0				

D Ø4.5



EbonyGold screw
: GSABSM

		H \ G/H	1.0	2.0	3.0	4.0
Hex	5.5					
	7.0					
Non-Hex	5.5					
	7.0					

		H \ G/H	5.0	6.0	7.0
Hex	5.5				
	7.0				
Non-Hex	5.5				
	7.0				

D Ø4.5



EbonyGold screw
: GSABSS

		H \ G/H	1.0	2.0	3.0	4.0
Hex	5.5					
	7.0					
Non-Hex	5.5					
	7.0					

		H \ G/H	5.0	6.0	7.0
Hex	5.5				
	7.0				
Non-Hex	5.5				
	7.0				

Transfer ID Abutment 2014.09

D Ø5.0



EbonyGold screw
: GSABSS

		H \ G/H	1.0	2.0	3.0	4.0
Hex	4.0		BGSTA5410	BGSTA5420	BGSTA5430	BGSTA5440
	5.5		BGSTA5610	BGSTA5620	BGSTA5630	BGSTA5640
	7.0		BGSTA5710	BGSTA5720	BGSTA5730	BGSTA5740
Non-Hex	4.0		BGSTA5410N	BGSTA5420N	BGSTA5430N	BGSTA5440N
	5.5		BGSTA5610N	BGSTA5620N	BGSTA5630N	BGSTA5640N
	7.0		BGSTA5710N	BGSTA5720N	BGSTA5730N	BGSTA5740N

		H \ G/H	5.0	6.0	7.0
Hex	4.0		BGSTA5450	BGSTA5460	BGSTA5470
	5.5		BGSTA5650	BGSTA5660	BGSTA5670
	7.0		BGSTA5750	BGSTA5760	BGSTA5770
Non-Hex	4.0		BGSTA5450N	BGSTA5460N	BGSTA5470N
	5.5		BGSTA5650N	BGSTA5660N	BGSTA5670N
	7.0		BGSTA5750N	BGSTA5760N	BGSTA5770N

D Ø6.0



EbonyGold screw
: GSABSS

		H \ G/H	1.0	2.0	3.0	4.0
Hex	4.0		BGSTA6410	BGSTA6420	BGSTA6430	BGSTA6440
	5.5		BGSTA6610	BGSTA6620	BGSTA6630	BGSTA6640
	7.0		BGSTA6710	BGSTA6720	BGSTA6730	BGSTA6740
Non-Hex	4.0		BGSTA6410N	BGSTA6420N	BGSTA6430N	BGSTA6440N
	5.5		BGSTA6610N	BGSTA6620N	BGSTA6630N	BGSTA6640N
	7.0		BGSTA6710N	BGSTA6720N	BGSTA6730N	BGSTA6740N

D Ø6.0



EbonyGold screw
: GSABSS

		H \ G/H	5.0	6.0	7.0
Hex	4.0		BGSTA6450	BGSTA6460	BGSTA6470
	5.5		BGSTA6650	BGSTA6660	BGSTA6670
	7.0		BGSTA6750	BGSTA6760	BGSTA6770
Non-Hex	4.0		BGSTA6450N	BGSTA6460N	BGSTA6470N
	5.5		BGSTA6650N	BGSTA6660N	BGSTA6670N
	7.0		BGSTA6750N	BGSTA6760N	BGSTA6770N

D Ø7.0



EbonyGold screw
: GSABSS

		H \ G/H	1.0	2.0	3.0	4.0
Hex	4.0		BGSTA7410	BGSTA7420	BGSTA7430	BGSTA7440
	5.5		BGSTA7610	BGSTA7620	BGSTA7630	BGSTA7640
	7.0		BGSTA7410N	BGSTA7420N	BGSTA7430N	BGSTA7440N
Non-Hex	4.0		BGSTA7410N	BGSTA7420N	BGSTA7430N	BGSTA7440N
	5.5		BGSTA7610N	BGSTA7620N	BGSTA7630N	BGSTA7640N
	7.0		BGSTA7450	BGSTA7460	BGSTA7470	BGSTA7470
Hex	4.0		BGSTA7450	BGSTA7460	BGSTA7470	BGSTA7470
	5.5		BGSTA7650	BGSTA7660	BGSTA7670	BGSTA7670
	7.0		BGSTA7450N	BGSTA7460N	BGSTA7470N	BGSTA7470N
Non-Hex	4.0		BGSTA7450N	BGSTA7460N	BGSTA7470N	BGSTA7470N
	5.5		BGSTA7650N	BGSTA7660N	BGSTA7670N	BGSTA7670N

Transfer Abutment Components

Bite Impression Coping **RENEWAL 2021**

- Components for implant level impression taking
- Bite registration and impression taking can be performed simultaneously
- The same basic usage as transfer impression coping
- Hand tightened with bite impression coping driver
- Hex screw type tightened with a 1.2 hex driver and friction screw type tightened with bite impression coping driver

M Mini (Yellow)

R Regular (Green)



Hex Screw Type

D \ H	G/H	2.0	3.0	4.0	5.0	6.0
Ø 4.0	4.0	GSBICM4420H	GSBICM4430H	GSBICM4440H	GSBICM4450H	GSBICM4460H
	5.0	GSBICM4520H	GSBICM4530H	GSBICM4540H	GSBICM4550H	GSBICM4560H
	6.0	GSBICM4620H	GSBICM4630H	GSBICM4640H	GSBICM4650H	GSBICM4660H
Ø 4.5	4.0	GSBICM4421H	GSBICM4431H	GSBICM4441H	GSBICM4451H	GSBICM4461H
	5.0	GSBICM4521H	GSBICM4531H	GSBICM4541H	GSBICM4551H	GSBICM4561H
	6.0	GSBICM4621H	GSBICM4631H	GSBICM4641H	GSBICM4651H	GSBICM4661H
Ø 4.5	4.0	GSBICR4421H	GSBICR4431H	GSBICR4441H	GSBICR4451H	GSBICR4461H
	5.0	GSBICR4521H	GSBICR4531H	GSBICR4541H	GSBICR4551H	GSBICR4561H
	6.0	GSBICR4621H	GSBICR4631H	GSBICR4641H	GSBICR4651H	GSBICR4661H
Ø 5.0	4.0	GSBICR5420H	GSBICR5430H	GSBICR5440H	GSBICR5450H	GSBICR5460H
	5.0	GSBICR5520H	GSBICR5530H	GSBICR5540H	GSBICR5550H	GSBICR5560H
	6.0	GSBICR5620H	GSBICR5630H	GSBICR5640H	GSBICR5650H	GSBICR5660H

Bite Impression Coping Driver

Hex Screw Type **NEW 2019**

- Used for tightening and loosening of bite impression coping
- A driver for hex screw type

M Mini (Yellow)

R Regular (Green)



Bite Index

- Assembled to the implant for check bite impression
- Hand tightened with a 1.2 hex driver
- Packing unit : 2ea

M Mini

R Regular

D \ L	4.0	6.0	8.0	10.0	12.0
Ø 4.5					
	GSBIM4504S	GSBIM4506S	GSBIM4508S	GSBIM4510S	GSBIM4512S
Ø 5.5					
	GSBIS5504S	GSBIS5506S	GSBIS5508S	GSBIS5510S	GSBIS5512S

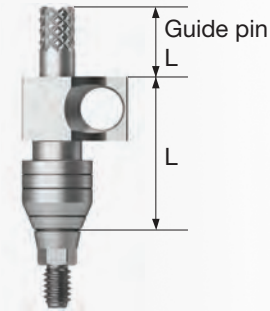
Transfer Abutment Components

Implant Pick-up Impression Coping

- Components for implant level impression taking
- Using open tray
- Unique design stably fixed within the impression body
- Hand tightened with a 1.2 hex driver
- Packing unit : impression coping body + guide pin(*)

M Mini (Yellow)

R Regular (Green)



D \ L	11		Guide Pin			
	Type	Hex	Non-Hex	0	5.0	9.0
Ø 4.0		GSPIM4011	GSPIM4011N	GSPGPM100	GSPGPM150*	GSPGPM150L
Ø 4.5		GSPIM4511	GSPIM4511N			
Ø 4.0		GSPIS4011	GSPIS4011N			
Ø 4.5		GSPIS4511	GSPIS4511N			
Ø 5.0		GSPIS5011	GSPIS5011N	GSPGPR100	GSPGPR150*	GSPGPR150L
Ø 6.0		GSPIS6011	GSPIS6011N			
Ø 7.0		GSPIS7011	GSPIS7011N			

D \ L	15		Guide Pin			
	Type	Hex	Non-Hex	0	5.0	9.0
Ø 4.0		GSPIM4015	GSPIM4015N	GSPGPM100L	GSPGPM150L*	GSPGPM200L
Ø 4.5		GSPIM4515	GSPIM4515N			
Ø 4.0		GSPIS4015	GSPIS4015N			
Ø 4.5		GSPIS4515	GSPIS4515N			
Ø 5.0		GSPIS5015	GSPIS5015N	GSPGPR100L	GSPGPR150L*	GSPGPR200L
Ø 6.0		GSPIS6015	GSPIS6015N			
Ø 7.0		GSPIS7015	GSPIS7015N			

Implant Transfer Impression Coping

- Components for implant level impression taking
- Using closed tray
- Triangular arc structure for stable fastening and accurate repositioning
- Hand tightened with a 1.2 hex driver
- Packing unit
- Hex : impression coping body + guide pin
- Non-hex : impression coping

M Mini (Yellow)

R Regular (Green)



D \ L	11		14		
	Type	Hex	Non-Hex	Hex	Non-Hex
Ø 4.0		GSTIM4011	GSTIM4011N	GSTIM4014	GSTIM4014N
Ø 4.5		GSTIM4511	GSTIM4511N	GSTIM4514	GSTIM4514N
Ø 4.0		GSTIS4011	GSTIS4011N	GSTIS4014	GSTIS4014N
Ø 4.5		GSTIS4511	GSTIS4511N	GSTIS4514	GSTIS4514N
Ø 5.0		GSTIS5011	GSTIS5011N	GSTIS5014	GSTIS5014N
Ø 6.0		GSTIS6011	GSTIS6011N	GSTIS6014	GSTIS6014N
Ø 7.0		GSTIS7011	GSTIS7011N	GSTIS7014	GSTIS7014N

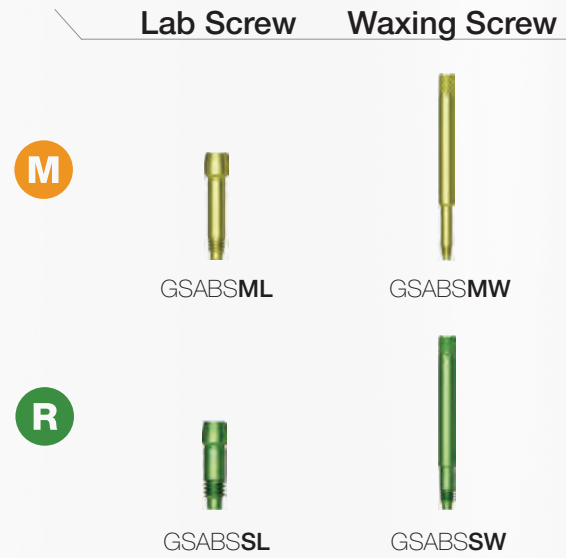
Transfer Abutment Components

Laboratory Screw

- Lab screw : Abutment screw for lab side work
- Waxing screw : Screw with the screw hole extended upward for making screw-type prostheses and transfer jigs
- Packing unit : lab screw + waxing screw

M Mini

R Regular



Implant Lab Analog

- Lab analog for implant level impression
- Selected according to the diameter of an implant:
Ø3.0/3.5/4.0 or greater

M Mini

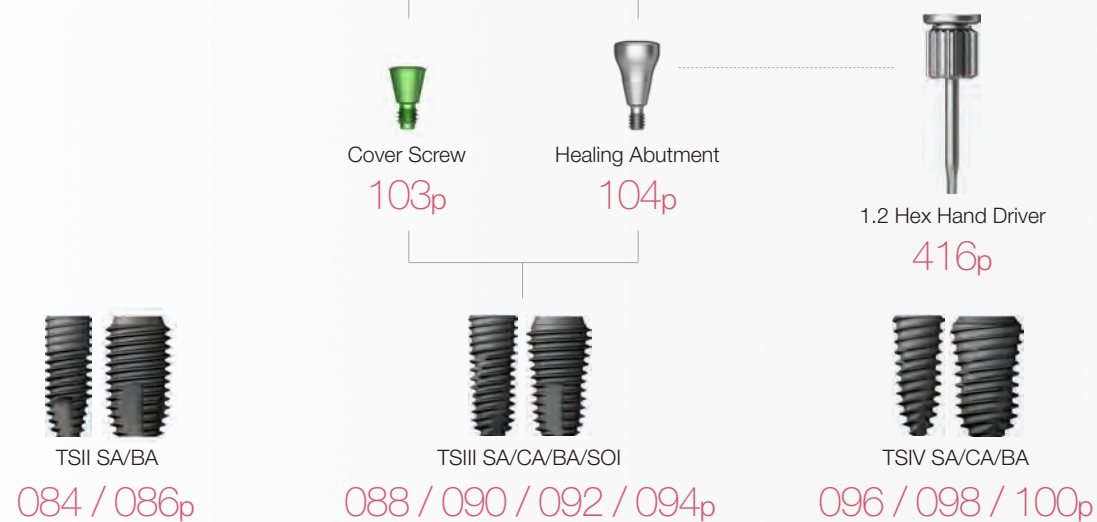
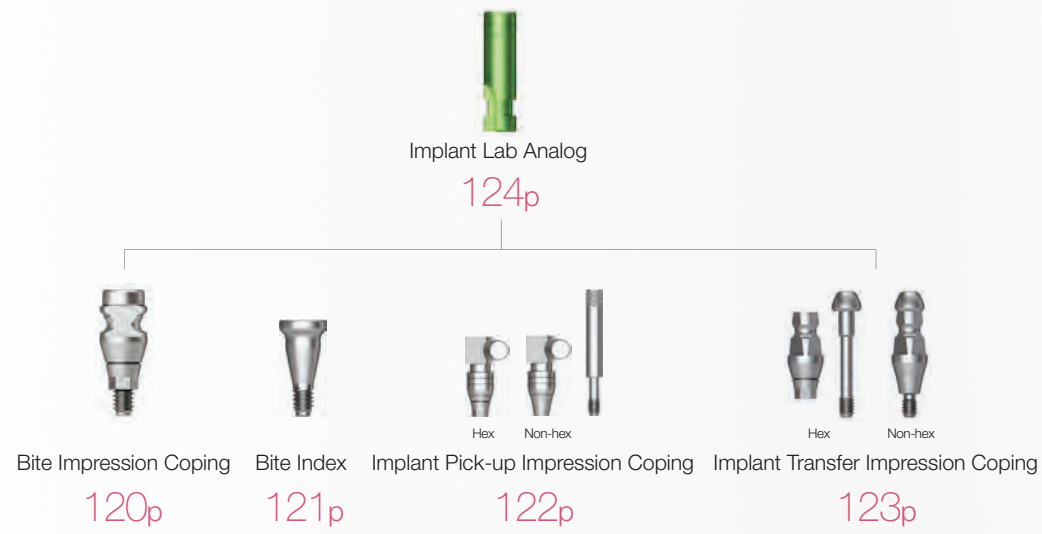
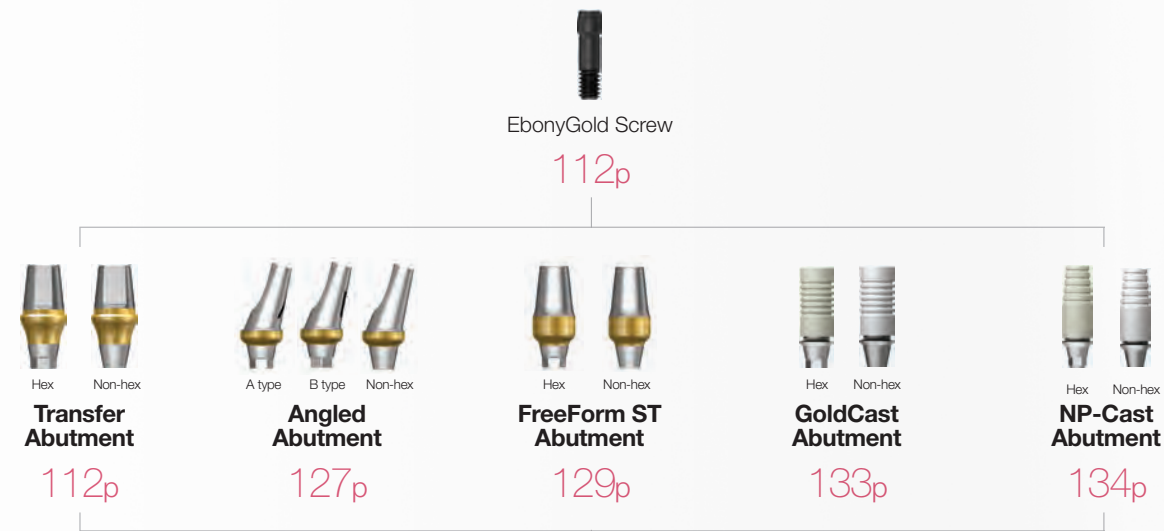
R Regular



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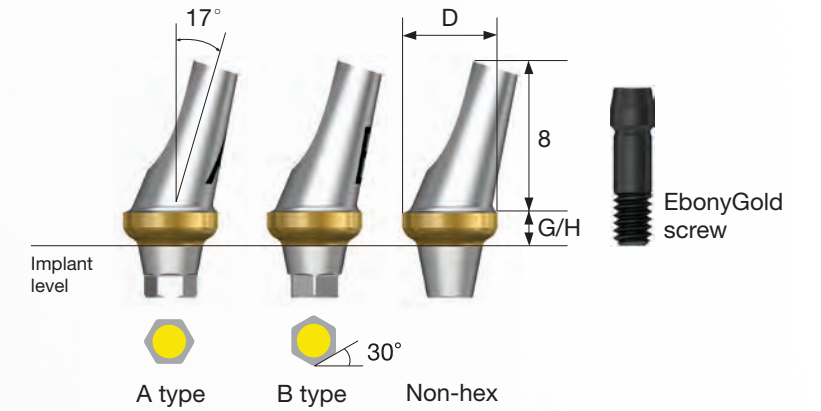
Transfer / Angled / FreeForm ST / GoldCast / NP-Cast

Implant Level Impression



Angled Abutment ^{2015.03}

- Abutment for producing cement-retained/ combination prosthesis
- Implant placement angle compensated up to 23° without removal
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm(mini), 30Ncm(regular)
- Packing unit : abutment + EbonyGold screw



Abutment + EbonyGold screw order code
: product code + **WH** (ex : GSAA5020AWH)



Angled Abutment ^{2015.03}

D Ø4.5



EbonyGold screw
: GSABSS

G/H Type	2.0			4.0		
	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex
	GSAA4520A	GSAA4520B	GSAA4520N	GSAA4540A	GSAA4540B	GSAA4540N

D Ø5.0



EbonyGold screw
: GSABSS

G/H Type	2.0			4.0		
	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex
	GSAA5020A	GSAA5020B	GSAA5020N	GSAA5040A	GSAA5040B	GSAA5040N

D Ø6.0



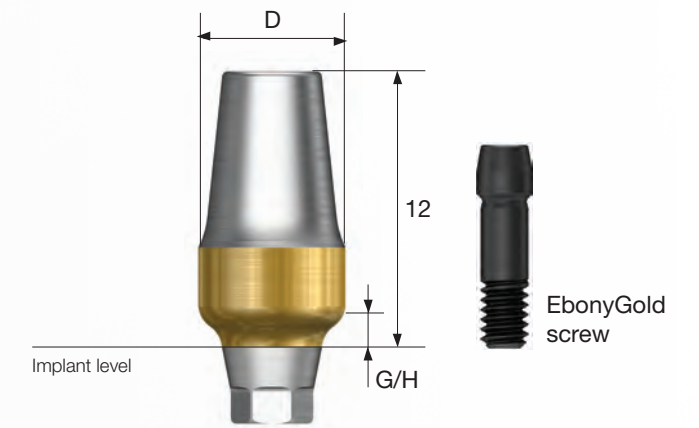
EbonyGold screw
: GSABSS

G/H Type	2.0			4.0		
	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex
	GSAA6020A	GSAA6020B	GSAA6020N	GSAA6040A	GSAA6040B	GSAA6040N

FreeForm ST Abutment ^{2013.01}

- Abutment for producing cement-retained/combination prosthesis
- Used for adjusting the shape of the abutment margin
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm(mini), 30Ncm(regular)
- Packing unit : abutment + EbonyGold screw

Abutment + EbonyGold screw order code
: product code + **WH** (ex : GSFA5015**WH**)



D Ø4.0



EbonyGold screw
: GSABSM

G/H Type	1.5		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	GSFAM4015	GSFAM4015N	GSFAM4030	GSFAM4030N

D Ø4.0



EbonyGold screw
: GSABSS

G/H Type	1.5		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	GSFA4015	GSFA4015N	GSFA4030	GSFA4030N

FreeForm ST Abutment ^{2013.01}

D Ø5.0 (Straight)



EbonyGold screw
: GSABSS

G/H Type	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSFAS5015	GSFAS5015N	GSFAS5030	GSFAS5030N

D Ø5.0



EbonyGold screw
: GSABSS

G/H Type	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSFA5015	GSFA5015N	GSFA5030	GSFA5030N

D Ø6.0



EbonyGold screw
: GSABSS

G/H Type	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSFA6015	GSFA6015N	GSFA6030	GSFA6030N

D Ø7.0



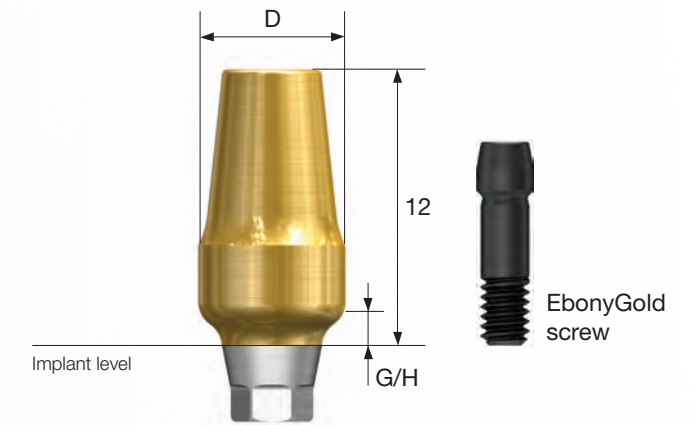
EbonyGold screw
: GSABSS

G/H Type	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSFA7015	GSFA7015N	GSFA7030	GSFA7030N

FreeForm ST ID Abutment ^{2014.09}

• FreeForm ST abutment not covered by health insurance

Abutment + EbonyGold screw order code
: product code + **WH** (ex : BGSFA5015**WH**)



D Ø4.0



EbonyGold screw
: GSABSM

G/H Type	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	BGSFAM4015	BGSFAM4015N	BGSFAM4030	BGSFAM4030N

D Ø4.0



EbonyGold screw
: GSABSS

G/H Type	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	BGSFA4015	BGSFA4015N	BGSFA4030	BGSFA4030N

FreeForm ST ID Abutment ^{2014.09}

D Ø5.0 (Straight)



EbonyGold screw
: GSABSS

G/H Type	1.5		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	BGSFAS5015	BGSFAS5015N	BGSFAS5030	BGSFAS5030N

D Ø5.0



EbonyGold screw
: GSABSS

G/H Type	1.5		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	BGSFA5015	BGSFA5015N	BGSFA5030	GSFA5030NB

D Ø6.0



EbonyGold screw
: GSABSS

G/H Type	1.5		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	BGSFA6015	BGSFA6015N	BGSFA6030	BGSFA6030N

D Ø7.0



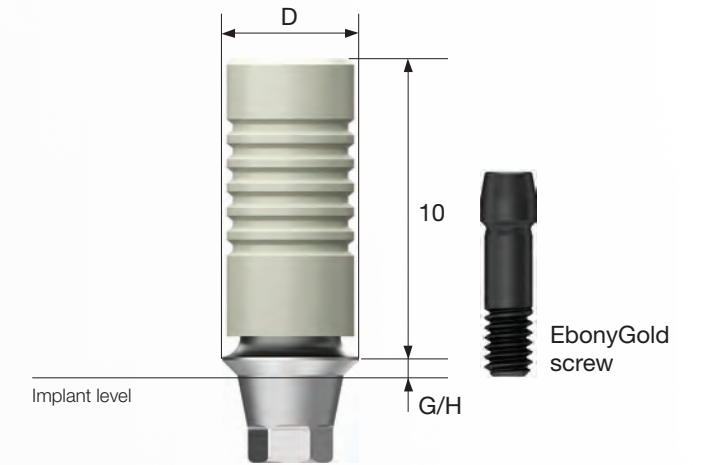
EbonyGold screw
: GSABSS

G/H Type	1.5		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	BGSFA7015	BGSFA7015N	BGSFA7030	BGSFA7030N

GoldCast Abutment ^{2011.04}

- Abutment for producing cement-retained/combination/screw-retained prosthesis
- Used for fabrication of customized prosthesis by casting with gold alloys
- Abutment melting temperature : 1,400~1,450°C
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm(mini), 30Ncm(regular)
- Packing unit : abutment + EbonyGold screw

Abutment + EbonyGold screw order code
: product code + **WH** (ex : GSGA4510SWH)



D Ø4.0



EbonyGold screw
: GSABSM

G/H Type	1.0		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	GSGA4010S	GSGA4010B	GSGA4030S	GSGA4030B

D Ø4.5



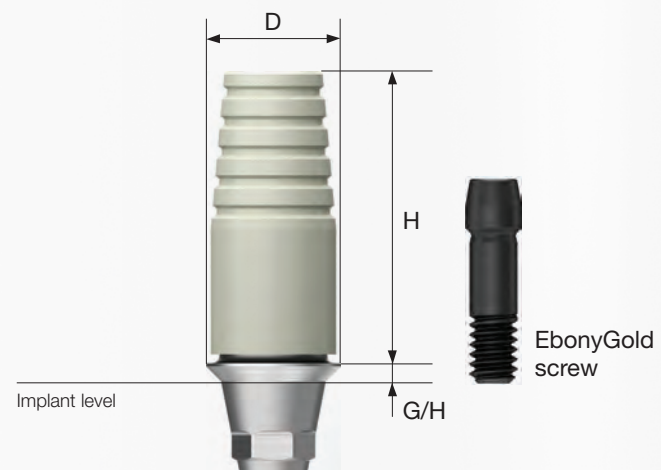
EbonyGold screw
: GSABSS

G/H Type	1.0		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	GSGA4510S	GSGA4510B	GSGA4530S	GSGA4530B

NP-Cast Abutment ^{2011.05}

- Abutment for producing cement-retained/combination/ screw-retained prosthesis
- Used for fabrication of customized prosthesis by casting with nonprecious metal alloys
- Abutment melting temperature : 1,400~1,550°C
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm(mini), 30Ncm(regular)
- Packing unit : abutment + EbonyGold screw

Abutment + EbonyGold screw order code
: product code + **WH** (ex : GSNA4510SWH)



D Ø4.0



EbonyGold screw
: GSABSM

G/H Type	1.0		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	GSNA4010S	GSNA4010B	GSNA4030S	GSNA4030B

D Ø4.5



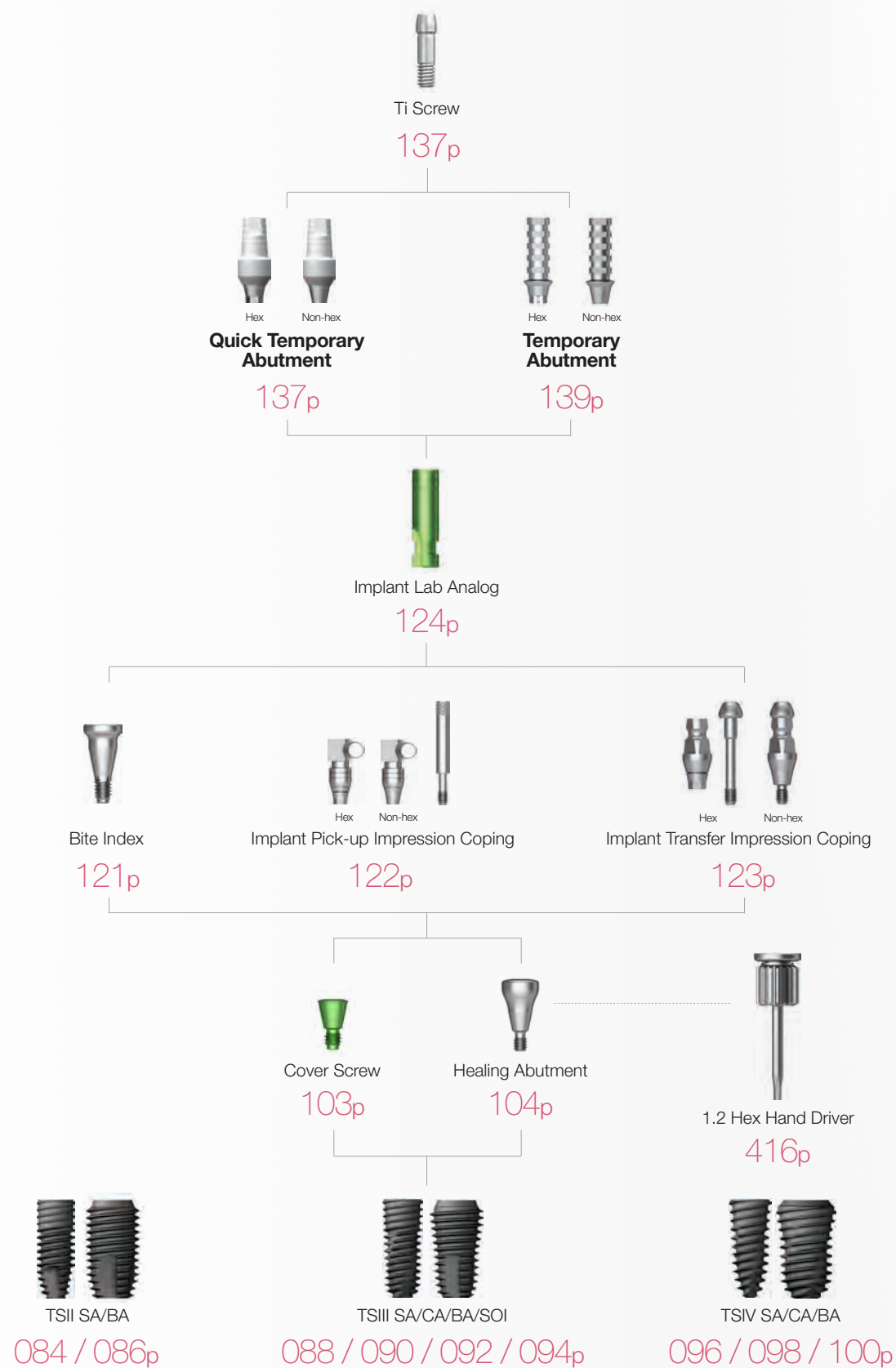
EbonyGold screw
: GSABSS

G/H Type	1.0		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	GSNA4510S	GSNA4510B	GSNA4530S	GSNA4530B

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Temporary / Quick Temporary

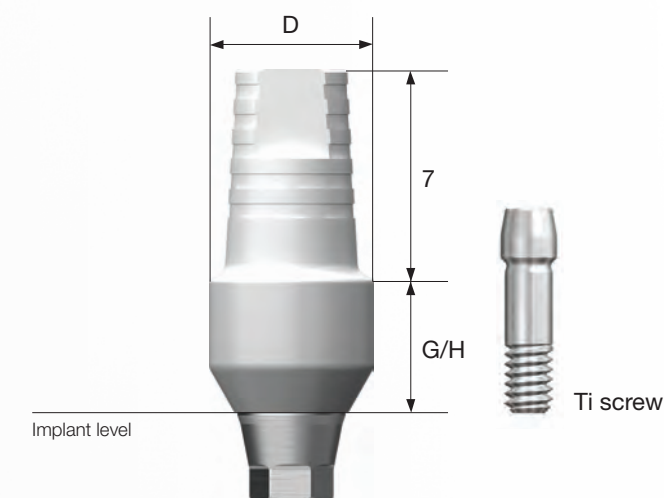
Implant Level Impression



Quick Temporary Abutment ^{2012.04}

- Abutment for producing cement-retained / screw-retained temporary prosthesis
- Used for producing temporary prosthesis for immediate loading
- Used by removing or with resin attached
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm(mini/regular)
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code
: product code + TH (ex : TSQTA5550TH)



2015.03
D Ø4.0



Ti screw : GSABSMT

G/H Type	1.5		5.0	
	Hex	Non-Hex	Hex	Non-Hex
	TSQTA4015M	TSQTA4015MN	TSQTA4050M	TSQTA4050MN

D Ø4.5



Ti screw : GSABSMT

G/H Type	1.5		5.0	
	Hex	Non-Hex	Hex	Non-Hex
			TSQTA4550	TSQTA4550N

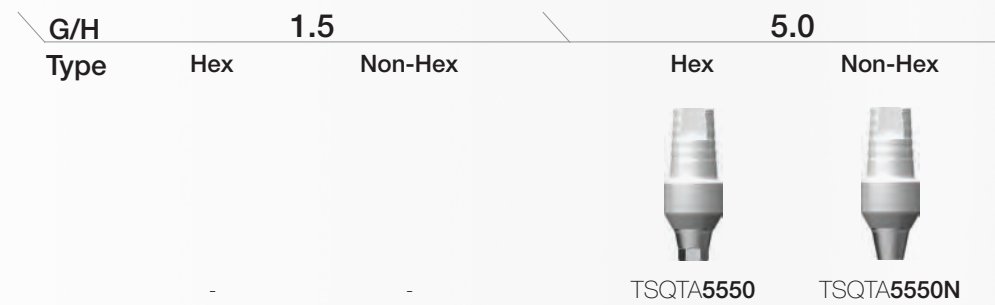
Quick Temporary Abutment ^{2012.04}

2015.03

D Ø4.5



Ti screw
: GSABSST



D Ø5.5

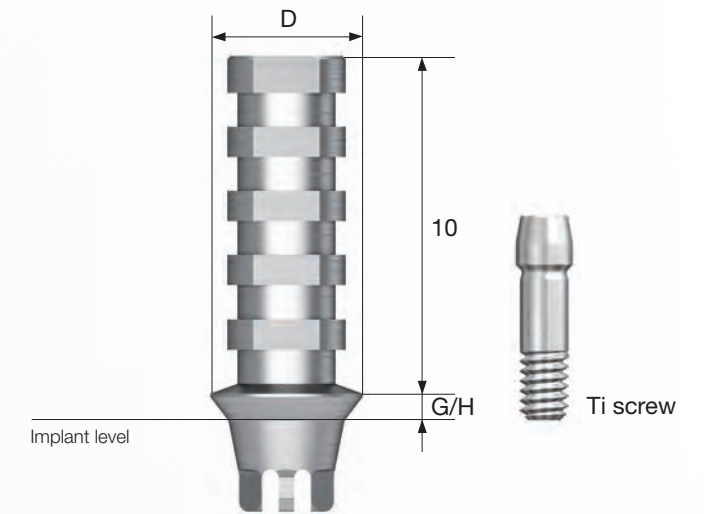


Ti screw
: GSABSST

Temporary Abutment

- Abutment for producing cement-retained/screw-retained temporary prosthesis
- Used for producing temporary prosthesis by removing (Ti Gr-3)
- Enables temporary fixation to the implant without screws by adding the hex holding structure
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm(mini/regular)
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code
: product code + **TH** (ex : GSTTA4510**TH**)



D Ø4.0



Ti screw
: GSABSMT



D Ø4.5

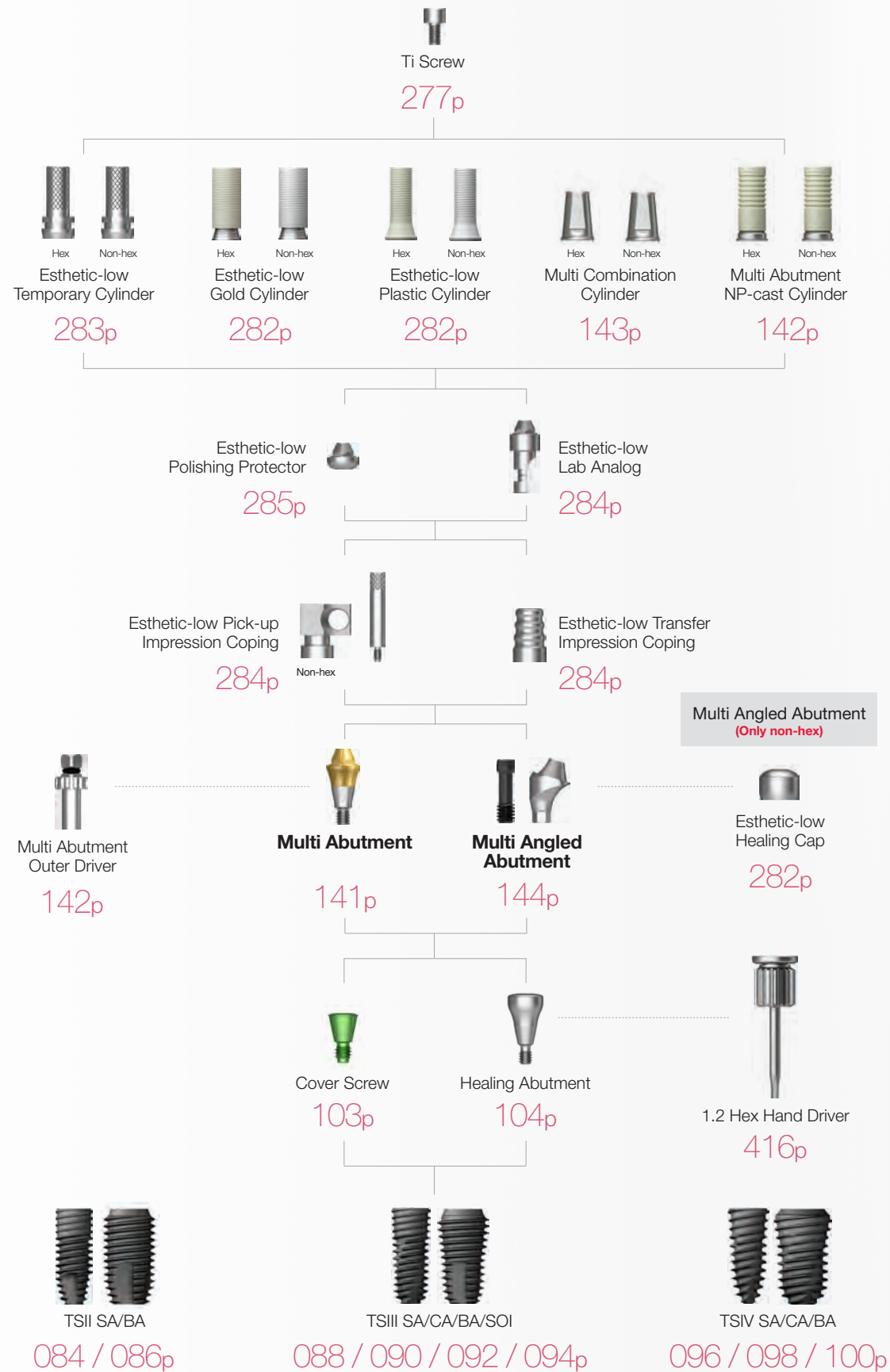


Ti screw
: GSABSST



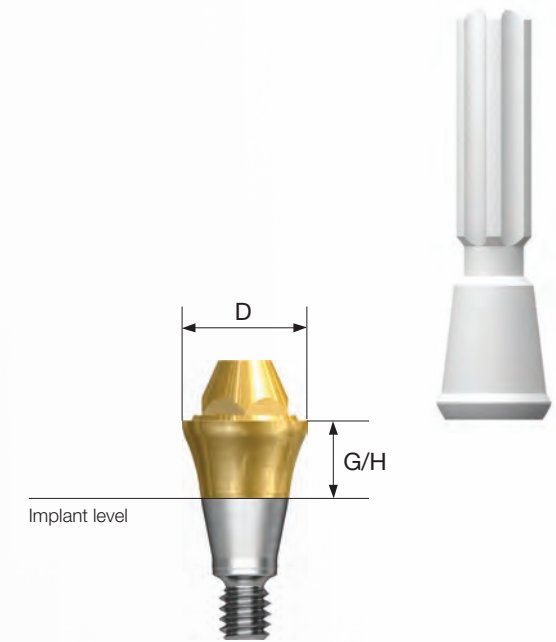
Multi / Multi Angled

Abutment Level Impression



Multi Abutment ^{2012.08}

- Used for producing screw-retained prosthesis in multiple case
- The same platform as the multi angled abutment
- Producing prosthesis with US esthetic-low cylinder (regular/non-hex)
- Tightened with a dedicated outer driver (code : MAOD)
- Recommended tightening torque: 30Ncm(mini/regular)
- Packing unit : abutment + carrier



Abutment + carrier order code
: product code + P (ex : TSMA5030P)

D Ø4.8



D Ø4.8



Multi Abutment Components

Multi Abutment Outer Driver

- A dedicated torque river for multi abutment



MAOD

Multi Abutment Machine Driver

- A dedicated machine river for multi abutment



MAMD

Multi Abutment NP-Cast Cylinder

- Used for producing screw-retained prosthesis in multi abutment
- Used for fabrication of customized prosthesis by casting with nonprecious metal alloys
- Cylinder melting temperature: 1400~1550°C
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + Ti cylinder screw
- Multi angled abutment can be used (Non-Hex)

Abutment + Ti Screw order Code
: product code + **TH** (ex : TSMN500TH)

M Mini

R Regular

Ti screw
: MTS200

D \ Type **Hex** **Non-Hex**



TSMN500



TSMN500N

Multi Combination Cylinder

- Used for producing combination prosthesis in multi abutment
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + Ti cylinder screw
- Multi angled abutment can be used (Non-Hex)

Abutment + Ti screw order Code
: product code + **TH** (ex : TSMC500TH)

M Mini

R Regular

Ti screw
: MTS200

D \ Type **Hex** **Non-Hex**



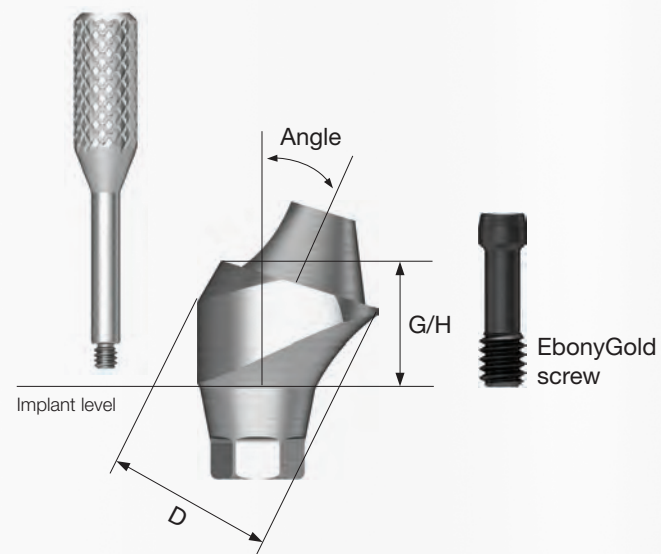
TSMC500



TSMC500N

Multi Angled Abutment 2014.04

- Used for producing screw-retained prosthesis in multiple case
- The same platform as the multi abutment
- Implant placement angle compensated up to 108°
- Producing prosthesis with US esthetic-low cylinder (regular/non-hex)
- Using dedicated abutment screws
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm(mini), 30Ncm(regular)
- Packing unit : abutment + EbonyGold screw



Abutment + EbonyGold screw + Carrier order code
: product code + **WH** (ex : GS17MAS4840**WH**)

D Ø4.8



EbonyGold screw
: GSMABSM

Angle \ G/H	2.5	3.0	4.0
17°	 GS17MAM4820	 GS17MAM4830	 GS17MAM4840

Angle \ G/H	3.5	4.0	5.0
30°	 GS30MAM4830	 GS30MAM4840	 GS30MAM4850

D Ø4.8



EbonyGold screw
: GSMABSS

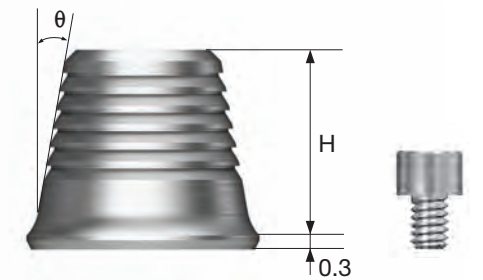
Angle \ G/H	2.5	3.0	4.0	5.0
17°	 GS17MAS4820	 GS17MAS4830	 GS17MAS4840	 GS17MAS4850

Angle \ G/H	3.5	4.0	5.0
30°	 GS30MAS4830	 GS30MAS4840	 GS30MAS4850

TS Multi Ti Base

- Used for producing combination prosthesis in TS multi abutment
- Used in connection with TS multi scan body
- Abutment level impression
- Non-hex type only
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : Ti base + Ti base screw

Ti base + Ti screw order Code
: product code + **TH** (ex : TSMTB405**GTH**)



H \ Degree(θ)	5°	10°
4	 TSMTB0405G	 TSMTB0410G
6	 TSMTB0605G	-

TS Multi Scan Body

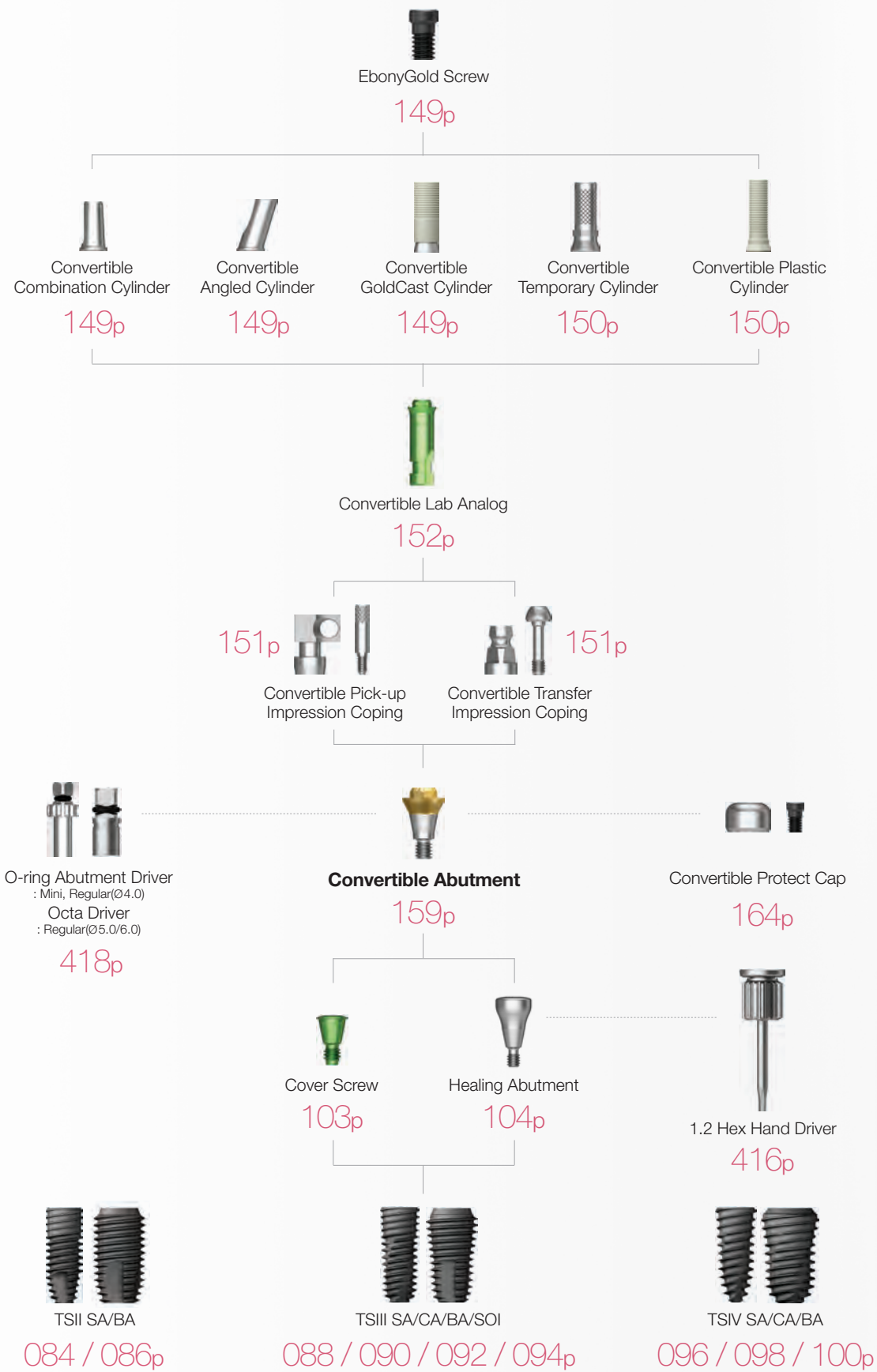
- Used by connecting to the TS multi abutment for oral scanning
- Used for non-hex type
- Hand tightened with a 1.2 hex driver



TSMSBC

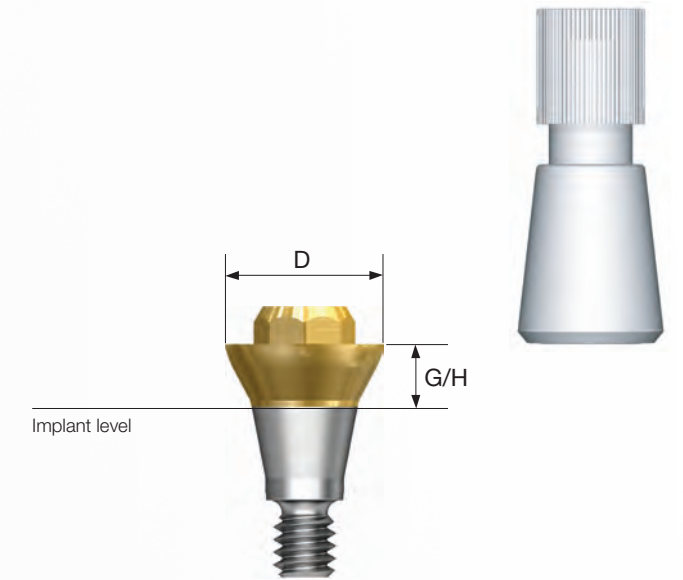
Convertible

Abutment Level Impression



Convertible Abutment ^{2013.01}

- Used for producing combination/screw-retained prosthesis in multiple case
- Implant placement angle compensated up to 60°
- Tightened with a dedicated outer driver
 - Ø 4.0: o-ring abutment driver (code: AORD)
 - Ø 5.0/6.0: octa abutment driver (code: ODSL/ODSS)
- Recommended tightening torque: 30Ncm(mini/regular)
- Packing unit : abutment + carrier

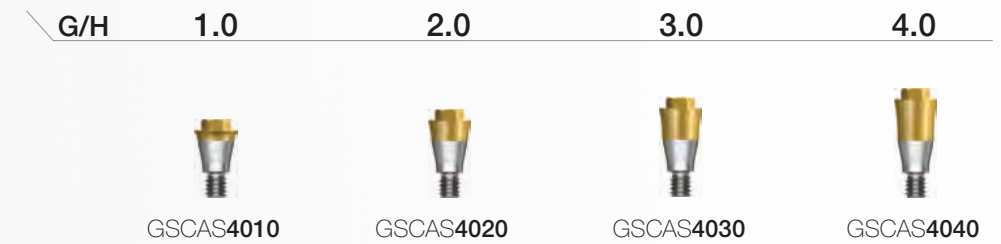


Abutment + carrier order code
: product code + P (ex : GSCA5030P)

D Ø4.0



D Ø4.0



Convertible Abutment

D Ø5.0



G/H	1.0	2.0	3.0	4.0	5.0
	GSCA5010	GSCA5020	GSCA5030	GSCA5040	GSCA5050

D Ø6.0



G/H	1.0	2.0	3.0	4.0	5.0
	GSCA6010	GSCA6020	GSCA6030	GSCA6040	GSCA6050

Convertible Abutment Components

Convertible Combination Cylinder

- Used for producing combination prosthesis in convertible abutment
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + EbonyGold cylinder screw

Abutment + EbonyGold screw order code
: product code + **WH** (ex : GSCC5070**TWH**)

M Mini

R Regular

D \ H	7.0			
	Type	Hex	Non-Hex	Octa
Ø4.0/Ø4.0		GSCC4070T	GSCC4070TN	-
Ø5.0		-	-	GSCC5070T
Ø6.0		-	-	GSCC6070T

EbonyGold screw
: GSFSM (Ø4.0 / Ø4.0)
: GSFSR (Ø5.0 / Ø6.0)

Convertible Angled Cylinder

- Used for producing combination prosthesis in convertible abutment
- Prosthetic path can be adjusted up to 17°
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + EbonyGold cylinder screw

Abutment + EbonyGold screw order code
: product code + **WH** (ex : GSAC5080**TWH**)

M Mini

R Regular

D \ H	8.0			
	Type	Hex	Non-Hex	Octa
Ø4.0/Ø4.0		GSAC4080T	GSAC4080TN	-
Ø5.0		-	-	GSAC5080T
Ø6.0		-	-	GSAC6080T

EbonyGold screw
: GSFSM (Ø4.0 / Ø4.0)
: GSFSR (Ø5.0 / Ø6.0)

Convertible GoldCast Cylinder

- Used for producing screw-retained prosthesis in convertible abutment
- Used for fabrication of customized prosthesis by casting with gold alloys
- Cylinder melting temperature: 1,400~1,450°C
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + EbonyGold cylinder screw

Abutment + EbonyGold screw order code
: product code + **WH** (ex : GSGC500**WH**)

M Mini

R Regular

D \ H	12			
	Type	Hex	Non-Hex	Octa
Ø4.0/Ø4.0		GSGC400	GSGC400N	-
Ø5.0		-	-	GSGC500
Ø6.0		-	-	GSGC600

EbonyGold screw
: GSFSM (Ø4.0 / Ø4.0)
: GSFSR (Ø5.0 / Ø6.0)



Convertible Abutment Components

Convertible Temporary Cylinder

- Used for producing temporary prosthesis in convertible abutment (Ti Gr-3)
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + Ti cylinder screw

Abutment + Ti screw order code
: product code + **TH** (ex : GSCTC500**TH**)

M Mini
R Regular

D \ H	12			
	Type	Hex	Non-Hex	Octa
ø 4.0 / ø 4.0				
	GSCTC400T	GSCTC400NT	-	-
ø 5.0	-	-	-	GSCTC500T
ø 6.0	-	-	-	GSCTC600T

Ti screw
: GSFSMT (ø 4.0 / ø 4.0)
: GSFSRT (ø 5.0 / ø 6.0)

Convertible Plastic Cylinder

- Used for producing screw-retained prosthesis in convertible abutment
- Used for fabrication of customized prosthesis by casting with nonprecious metal alloys
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + EbonyGold cylinder screw

Abutment + EbonyGold screw order code
: product code + **WH** (ex : GSCPL500**WH**)

M Mini
R Regular

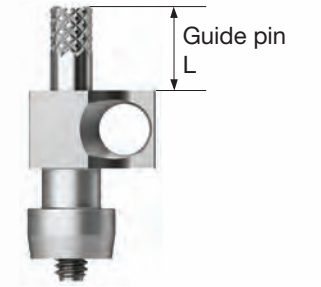
D \ H	12			
	Type	Hex	Non-Hex	Octa
ø 4.0 / ø 4.0				
	GSCPL400	GSCPL400N	-	-
ø 5.0	-	-	-	GSCPL500
ø 6.0	-	-	-	GSCPL600

EbonyGold screw
: GSFSM (ø 4.0 / ø 4.0)
: GSFSR (ø 5.0 / ø 6.0)

Convertible Pick-up Impression Coping

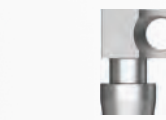
- Components for implant level impression taking
- Pick up impression coping for convertible abutment
- Hand tightened with a 1.2 hex driver
- Packing unit : impression coping body + guide pin(*)

M Mini
R Regular



D \ L

ø 4.0 / ø 4.0
ø 5.0
ø 6.0



GSPIC400 (Hex / Yellow)
GSPIC500 (Octa / Silver)
GSPIC600 (Octa / Blue)

Guide Pin
0 5.0



GSGP400S GSGP400L*
GSGP500S GSGP500L*

Convertible Transfer Impression Coping

- Transfer impression coping for convertible abutment
- Hand tightened with a 1.2 hex driver
- Packing unit : impression coping body + guide pin

M Mini
R Regular

ø 4.0 / ø 4.0
ø 5.0
ø 6.0



GSTIC400 (Hex / Yellow)
GSTIC500 (Octa / Silver)
GSTIC600 (Octa / Blue)

Convertible Abutment Components

Convertible Protect Cap

- A protect cap for convertible abutment
- Hand tightened with a 1.2 hex driver
- Packing unit : protect cap + EbonyGold screw

Abutment + EbonyGold screw order code
: product code + **WH** (ex : GSCHC500**WH**)

- M** Mini
- R** Regular

				
Ø 4.0/Ø 4.0	GSCHC400 (Hex)	-	-	
Ø 5.0	-	GSCHC500 (Non-octa)	-	
Ø 6.0	-	-	GSCHC600 (Non-octa)	

EbonyGold screw
: GSFSM (Ø 4.0 / Ø 4.0)
: GSFSR (Ø 5.0 / Ø 6.0)

Convertible Lab Analog

- A lab analog for convertible abutment
- Hand tightened with a 1.2 hex driver



- M** Mini
- R** Regular

			
Ø 4.0/Ø 4.0	GSCLA400 (Hex)	-	-
Ø 5.0	-	GSCLA500 (Octa)	-
Ø 6.0	-	-	GSCLA600 (Octa)

Convertible Polishing Protector

- Protecting the joints during polishing process after producing a prosthesis using a convertible GoldCast/plastic cylinder
- Hand tightened with a 1.2 hex driver

- M** Mini
- R** Regular

			
Ø 4.0/Ø 4.0	GSCPC400 (Hex)	-	-
Ø 5.0	-	GSCPC500 (Octa)	-
Ø 6.0	-	-	GSCPC600 (Octa)

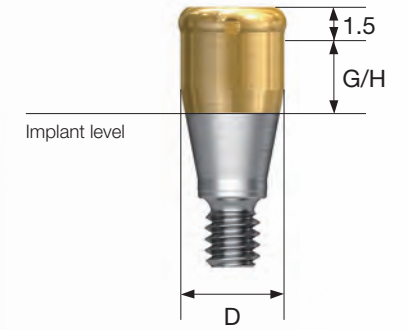
OSSTEM[®]
IMPLANT

Port / Locator® / Stud Overdenture



Port Abutment ^{2010.01}

- Placement angle compensated up to 40°
- Vertical dimension lower by 1.5mm, construction of various attachments with stable fixing
- Tightened with a dedicated outer driver (code : TWLDLK/TWLDLSK)
- Recommended tightening torque : 30Ncm



D Ø3.7

M

G/H	1.0	2.0	3.0	4.0
	TSPTA3510M	TSPTA3520M	TSPTA3530M	TSPTA3540M

G/H	5.0	6.0	7.0
	TSPTA3550M	TSPTA3560M	TSPTA3570M

D Ø3.7

R

G/H	1.0	2.0	3.0	4.0
	TSPTA4010R	TSPTA4020R	TSPTA4030R	TSPTA4040R

G/H	5.0	6.0	7.0
	TSPTA4050R	TSPTA4060R	TSPTA4070R

Port Abutment Components

Port Male KIT

- Components
 - Block out spacer / denture cap connected black processing male
 - Replacement male blue/pink/clear
- Used by selecting the male with adequate retention force for each case
- Using a locator core tool for replacing the male
- Packing unit : 1set

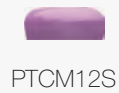


Port Replacement Male

- Retention force : Approx. 6N
- Placement angle compensated up to 20°
- Packing unit : 4ea



- Retention force : Approx. 12N
- Placement angle compensated up to 20°
- Packing unit : 4ea

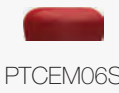


- Retention force : Approx. 22N
- Placement angle compensated up to 20°
- Packing unit : 4ea

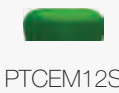


Port Extended Replacement Male

- Retention force : Approx. 6N
- Placement angle compensated up to 20~40°
- Packing unit : 4ea



- Retention force : Approx. 12N
- Placement angle compensated up to 20~40°
- Packing unit : 4ea



Port Black Processing Male

- Male used only in prosthesis fabrication process
- Packing unit : 4ea



Port Male Cap

- Fixed to the denture by connecting with the male
- Packing unit : 1ea



Port Block Out Spacers

- Used for sealing of the space between the abutment and the denture cap when attaching the overdenture and denture cap in the oral cavity
- Packing unit : 20ea



Port Impression Coping

- Pick up impression coping for Locator Abutment
- Using closed tray
- Packing unit : Impression coping + Provisional male 1set



Port Lab Analog

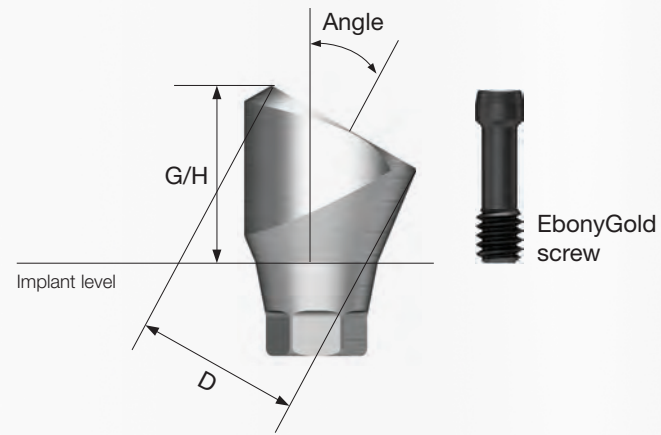
- Lab analog for Locator Abutment
- Packing unit : 1ea



Port Angled Abutment ^{2015.01}

- Used for placement angle compensation in overdenture
- Abutment level impression
- Placement angle compensated up to 60°
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm(mini), 30Ncm(regular)
- Packing unit : abutment + EbonyGold screw

Abutment + EbonyGold screw order code
: product code + **WH** (ex : TS30PA455R**WH**)



D Ø4.6



EbonyGold screw
: GSMABSS

Angle \ G/H	4.0	5.0
10°	 TS10PA454R	 TS10PA455R

Angle \ G/H	4.0	5.0
17°	 TS17PA454R	 TS17PA455R

Angle \ G/H	4.0	5.0
30°	 TS30PA454R	 TS30PA455R

D Ø4.6



EbonyGold screw
: GSMABSM

Angle \ G/H	4.0	5.0
10°	 TS10PA454M	 TS10PA455M

Angle \ G/H	4.0	5.0
17°	 TS17PA454M	 TS17PA455M

Angle \ G/H	4.0	5.0
30°	 TS30PA454M	 TS30PA455M

Port Angled Abutment Components

Port Angled Abutment Head

- Head part connected to the port angled abutment
- Tightened using a locator torque driver
- Recommended tightening torque : 20Ncm
- Packing unit : abutment head + carrier



PTAAH450P

Locator® R-Tx Abutment NEW 2022.06

- Abutment for overdenture
- Implant placement angle compensated up to 60° compared to that of the locator (40°)
- Wear resistance improved by 26% from application of DuraTec coating with excellent wear resistance
- Tightened with a 1.2 hex driver
- Improvement in denture cap retention force with the double retention structure
- All-in-One Components:
 - Retention male (4 types) / Denture Attachment Cap / Block-out Spacer



D Ø3.5

M

G/H 1.0 2.0 3.0 4.0 5.0 6.0



All-in-One SET	TSRL3510MA	TSRL3520MA	TSRL3530MA	TSRL3540MA	TSRL3550MA	TSRL3560MA
A Single-Piece Abutment	TSRL3510M	TSRL3520M	TSRL3530M	TSRL3540M	TSRL3550M	TSRL3560M

D Ø4.0

R

G/H 1.0 2.0 3.0 4.0 5.0 6.0



All-in-One SET	TSRL4010SA	TSRL4020SA	TSRL4030SA	TSRL4040SA	TSRL4050SA	TSRL4060SA
A Single-Piece Abutment	TSRL4010S	TSRL4020S	TSRL4030S	TSRL4040S	TSRL4050S	TSRL4060S

Locator® R-Tx Abutment NEW 2022.06

Zero Retention Insert

- Placement angle compensated up to 30°
- Packing unit : 4ea



RLRMZS

Low Retention Insert

- Placement angle compensated up to 30°
- Packing unit : 4ea



RLRMLS

Medium Retention Insert

- Placement angle compensated up to 30°
- Packing unit : 4ea



RLRMMS

High Retention Insert

- Placement angle compensated up to 30°
- Packing unit : 4ea



RLRMHS

Processing Insert

- Male used only in the prosthesis fabrication process
- Packing unit: 4ea



RLPS

Denture Attachment Cap

- A housing that joins with the retention male for attachment to the denture
- Packing unit : 4ea



RLPAS

Block-out Spacer

- Used for sealing of the space between the abutment and the denture cap when attaching the overdenture and denture cap in the oral cavity
- Packing unit : 20ea



LBSS

Processing Spacer

- Used for securing space in the denture for chairside pickup
- Packing unit : 4ea



RLSS

Impression Coping

- Pick-up impression coping for locator R-Tx
- Using closed tray
- Packing unit : 4ea



RLICS

Lab Analog

- Lab analog for locator R-Tx
- Packing unit : 4ea



Ø3.35
RLAL33S



Ø4.0
RLAL40S



Ø5.0
RLAL50S

R-Tx Male Insert Tool

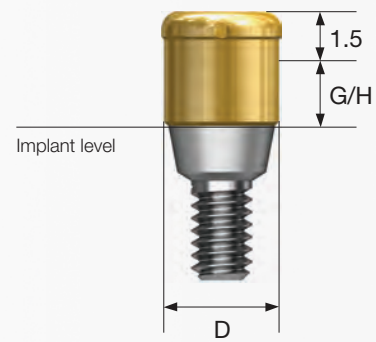
- Used for placing and removing the retention male in the denture cap
- The driver is turned over for connection to the handle to change the tool for use



RLRIT

Locator® Abutment ^{2010.01}

- Locator Abutment for TS abutment of Zest Dental Solutions
- Placement angle compensated up to 40°
- Vertical dimension lower by 1.5mm, construction of various attachments with stable fixing
- Tightened with a dedicated outer driver (code : TWLDLK/TWLDLSK)
- Recommended tightening torque : 30Ncm



D Ø3.7

M



D Ø3.7

R



Locator® Abutment Components

Locator® Male Processing Kit

- Components
 - Block out spacer / denture cap connected black processing male
 - Replacement male blue/pink/clear
- Used by selecting the male with adequate retention force for each case
- Using a locator core tool for replacing the male
- Packing unit : 2set



Locator® Replacement Male

- Retention force : Approx. 6N
- Placement angle compensated up to 20°
- Packing unit : 4ea

- Retention force : Approx. 12N
- Placement angle compensated up to 20°
- Packing unit : 4ea

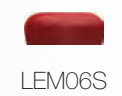
- Retention force : Approx. 22N
- Placement angle compensated up to 20°
- Packing unit : 4ea



Locator® Extended Replacement Male

- Retention force : Approx. 6N
- Placement angle compensated up to 20~40°
- Packing unit : 4ea

- Retention force : Approx. 12N
- Placement angle compensated up to 20~40°
- Packing unit : 4ea



Locator® Abutment Components

Locator® Black Processing Male

- Male used only in prosthesis fabrication process
- Packing unit : 4ea



LBPS

Locator® Block Out Spacers

- Used for sealing of the space between the abutment and the denture cap when attaching the overdenture and denture cap in the oral cavity
- Packing unit : 20ea



LBSS

Locator® Impression Coping

- Pick up impression coping for Locator Abutment
- Using closed tray
- Packing unit : Impression coping + Provisional male 1set



LICS

Locator® Lab Analog

- Lab analog for Locator Abutment
- Packing unit : 2ea



LAL40S

Locator® Core Tool

- Used for placing and removing the replacement male in the denture cap
- Separated into three pieces and used as a hand driver for Locator Abutment



LCCT

Locator® Torque Driver

- Torque driver for Locator Abutment

Type Short Long



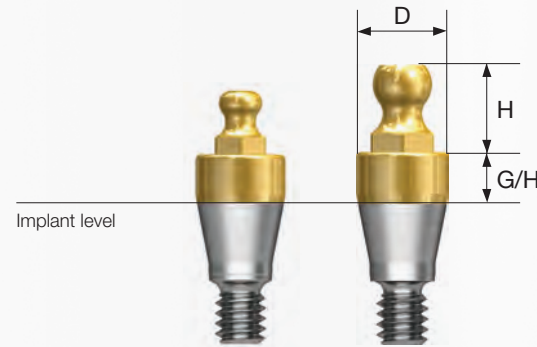
TWLDSK



TWLDLK

Stud Abutment ^{2013.01}

- Abutment for overdenture using o-ring attachment
- Placement angle compensated up to 20°
- Tightened with a dedicated outer driver
(small size: STAOD / normal size: AORD)
- Recommended tightening torque: 30Ncm(mini/regular)
- Ball head diameter
 - Small size : Ø1.7 (H 2.5mm)
 - Normal size : Ø2.25 (H 3.4mm)



D Ø3.5

M

G/H	1.0	2.0	3.0	4.0	5.0	6.0
Small Size	GSST3510M	GSST3520M	GSST3530M	GSST3540M	GSST3550M	GSST3560M
Normal Size	GSSAM3510	GSSAM3520	GSSAM3530	GSSAM3540	GSSAM3550	GSSAM3560

D Ø3.5

R

G/H	1.0	2.0	3.0	4.0	5.0	6.0
Small Size	GSST3510R	GSST3520R	GSST3530R	GSST3540R	GSST3550R	GSST3560R
Normal Size	GSSA3510	GSSA3520	GSSA3530	GSSA3540	GSSA3550	GSSA3560

Stud Abutment Components

O-ring Retainer Cap Set

- O-ring attachment for Stud Abutment
- O-ring replaced in a metal housing for use
- Packing unit : retainer cap + o-ring



O-ring Retainer Set

- Used when vertical dimension is shorter than the retainer cap
- Packing unit : retainer cap + o-ring



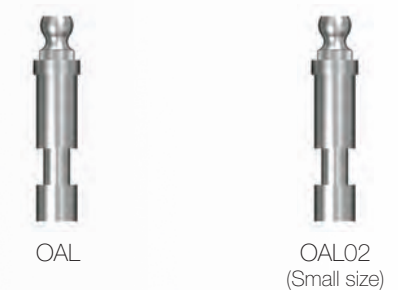
O-ring Set

- O-ring set
- Packing unit : o-ring 5ea



O-ring Lab Analog

- Lab analog for Stud Abutment



OneSeal

- Disposable medical devices for internal filling of abutment
- Cut to desired length for use (medical silicone)
- Packing unit : 5ea
- KS / TS Mini : TSSE2250S
- TS Regular, US Mini : TSSE2350S
- SS Regular, US Regular : SSSE2650S
- US Wide : USSE3050S

H \ D	Ø2.20	Ø2.35	Ø2.65	Ø3.00
Type			Long	
50	TSSE2250S	TSSE2350S	SSSE2650S	USSE3050S

- Component accessory that allows prediction of the final abutment specification required
- Only for rigid, transfer and angled abutment
- PSU ring combination allows manual tightening and removal
- Hole for prevention of dropping in the mouth

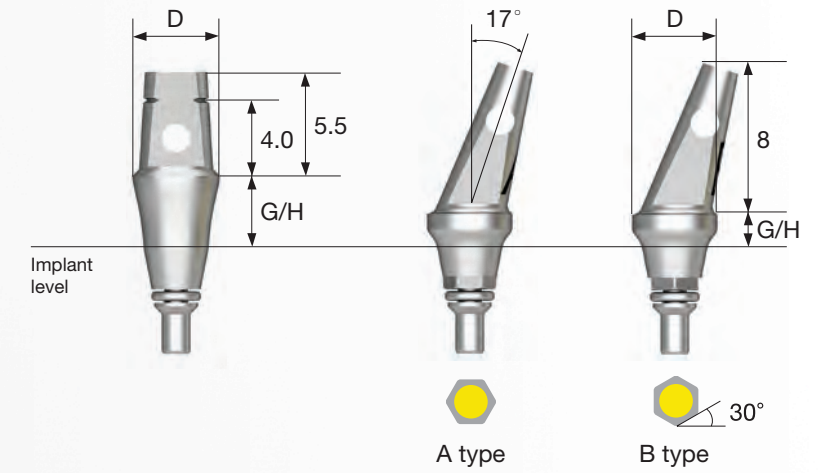
M Mini (Yellow)

R Regular (Green)



TS Abutment Selection KIT

- Order Code : TSKCA
- Components : KIT including the entire range of selectors



Straight Type

G/H	2.0	4.0
Ø 4.0	TSSS4020	TSSS4040
Ø 4.5	TSSS4520	TSSS4540
Ø 5.0	TSSS5020	TSSS5040
Ø 6.0	TSSS6020	TSSS6040

Angled Type

G/H	2.0		4.0	
Type	Hex A	Hex B	Hex A	Hex B
Ø 4.0	TSSA4020A	TSSA4020B	TSSA4040A	TSSA4040B
Ø 4.5	TSSA4520A	TSSA4520B	TSSA4540A	TSSA4540B
Ø 5.0	TSSA5020A	TSSA5020B	TSSA5040A	TSSA5040B

OSSTEM[®]
IMPLANT



SS SYSTEM

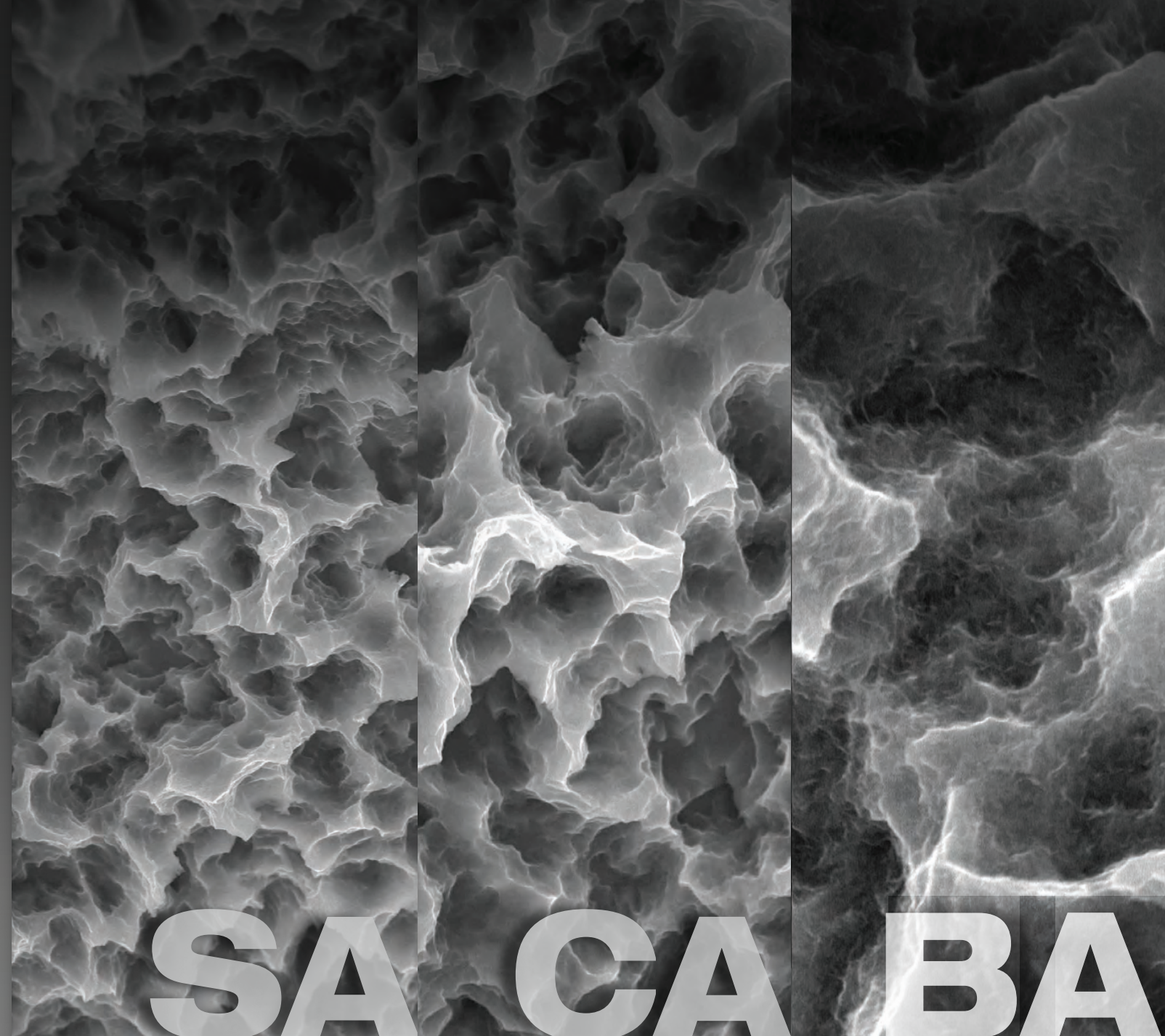
IMPLANT

- 176** SSII SA Implant
- 178** SSII CA Implant
- 180** SSII BA Implant
- 182** SSIII SA Implant
- 186** SSIII CA Implant
- 190** SSIII BA Implant
- 194** Simple Mount
- 194** Cover Screw
- 195** Closing Screw
- 196** Healing Abutment

COMPONENTS

- 198** PROSTHETIC FLOW DIAGRAM 1
- 199** Solid Abutment
- 202** Excellent Solid Abutment
- 206** PROSTHETIC FLOW DIAGRAM 2
- 207** ComOcta Abutment
- 212** ComOcta Plus Abutment
- 216** ComOcta Milling Abutment
- 217** ComOcta Gold Abutment
- 218** ComOcta NP-Cast Abutment
- 219** ComOcta Temporary Abutment
- 220** ComOcta Angled Abutment
- 222** PROSTHETIC FLOW DIAGRAM 3
- 223** Octa Abutment
- 228** PROSTHETIC FLOW DIAGRAM 4
- 229** Port Abutment
- 232** Locator[®] Abutment
- 236** O-ring Abutment
- 238** OneSeal

SS Design & Surface Feature



SS

SA CA BA

Non-submerged type implant with an internal octa 8° tapered connection based on the 1st stage surgery

- Connection - Regular / Wide
- Corkscrew thread & cutting edge
 - Superior self-threading effect for ease of placement path adjustment
 - Enhanced initial stability in soft bone and application of consistent placement torque according to the drill diameter
- Various body shape options available to match the patient's bone quality and clinical condition
 - SSII (straight body) : Ease of placement depth adjustment
 - SSIII (1.5° tapered body) : Excellent initial stability needed for immediate loading even in soft bone
- Applicable surface types - SA / CA / BA



SS packaging color information

Optimized surface morphology through acid-etching treatment

- Surface roughness: Ra 2.0-3.0 μ m (Note: the roughness in the upper 0.5mm part is Ra 0.5-0.6 μ m)
- Uniform surface micro-pits of 1~3 μ m
- Surface area increased by 46% compared to resorbable blast media (RBM) treated implants

In-vitro and In-vivo Bone Response

- Osteoblast differentiation and ossification improved by 20% compared to RBM-treated implants
- Initial bone response in a large animal model (mini-pig)
 - Initial stability (removal torque (RT), 4 weeks) improved by 48% compared to RBM-treated implants
 - Ossification (bone implant contact (BIC), 4 weeks) improved by 20% compared to RBM-treated implants

Super-hydrophilic SA surface suspended in a calcium solution

- The same surface morphology as SA surfaces
- Enhancing the chemical activation of the surface suspending in a calcium chloride solution (CaCl₂)
- Increased ossification area with excellent blood wettability
- Bone response improved in early osseointegration stage compared to standard SA surface

In-vitro and In-vivo Bone Response

- Protein and cellular adhesion tripled compared to SA surfaces
- Initial cellular differentiation (7 days) improved by 19% compared to SA surfaces
 - Initial stability (RT, 4 weeks) improved by 34% compared to SA surfaces
 - Ossification (BIC, 4 weeks) improved by 26% compared to SA surfaces

Low crystalline nano-HA coated SA surface

- 10nm ultra-thin hydroxyapatite (HA) coating
- SA surface (Ra 2.0~3.011 μ m) coated with HA
- Dual functions of titanium and HA
 - HA is naturally resorbed during ossification

In-vitro and In-vivo Bone Response

- Combination of advantages of both SA surfaces and HA
 - SA's ability to maintain the optimal surface morphology
 - HA's ability of high-quality bone formation even in bones of poor quality
- Ossification (BIC) improved by 40% compared to SA surfaces
- Applicable to all types of bone quality compared to HA

SSII SA Implant ^{2010.11}

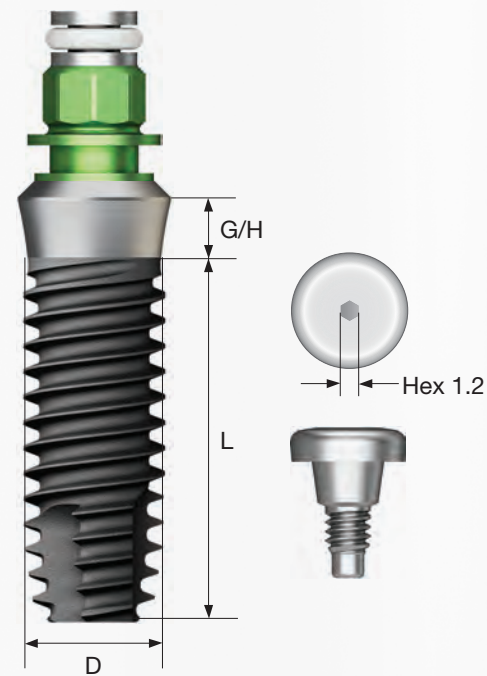
- Non-submerged type implant with an internal octa 8° tapered connection based on the one-stage surgery
- Optimal thread design for realization of optimal SA surface
- Straight body design for easy adjustment of placement depth
- Superior self-threading effect with corkscrew thread
- Recommended placement torque : ≤ 40Ncm
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case

NoMount implant order code

: implant product code (ex : SS2R4011S18)

Pre-Mounted implant (implant + simple mount + cover screw) order code

: A + implant product code (ex : ASS2R4011S18)



D Ø5.0
P Ø6.0
W

G/H \ L	6	7	8.5	10	11.5	13
1.8	SS2W5006S18	SS2W5007S18	SS2W5008S18	SS2W5010S18	SS2W5011S18	SS2W5013S18
2.8	SS2W5006S28	SS2W5007S28	SS2W5008S28	SS2W5010S28	SS2W5011S28	SS2W5013S28

D Ø4.0
P Ø4.8
R

G/H \ L	7	8.5	10	11.5	13
1.8	SS2R4007S18	SS2R4008S18	SS2R4010S18	SS2R4011S18	SS2R4013S18
2.8		SS2R4008S28	SS2R4010S28	SS2R4011S28	SS2R4013S28

D Ø4.5
P Ø4.8
R

G/H \ L	7	8.5	10	11.5	13
1.8	SS2R4507S18	SS2R4508S18	SS2R4510S18	SS2R4511S18	SS2R4513S18
2.8		SS2R4508S28	SS2R4510S28	SS2R4511S28	SS2R4513S28

D Ø4.5
P Ø6.0
W

G/H \ L	7	8.5	10	11.5	13
1.8	SS2W4507S18	SS2W4508S18	SS2W4510S18	SS2W4511S18	SS2W4513S18
2.8	SS2W4507S28	SS2W4508S28	SS2W4510S28	SS2W4511S28	SS2W4513S28

Nominal diameter may differ from the actual diameter of the product
Note: Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

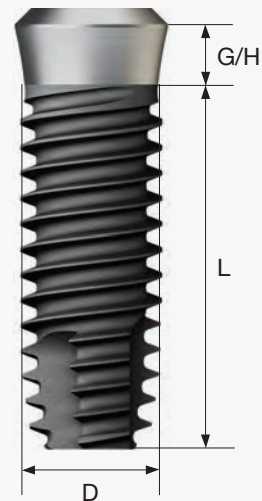
- Non-submerged type implant with an internal octa 8° tapered connection based on the one-stage surgery
- Super-hydrophilic SA surface suspended in a calcium solution
- Straight body design for easy adjustment of placement depth
- Superior self-threading effect with corkscrew thread

Ultra-wide

- Useful for placement in a fresh extraction socket in the posterior region, immediate placement case or for replacing a failed implant
 - Optimized apex design for excellent initial stability in a fresh extraction socket or in 3mm from the bottom
 - Recommended placement torque: ≤ 40Ncm
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case

NoMount implant order code

: implant product code (ex : SS2R4010C18)



D Ø4.0
P Ø4.8
R

G/H \ L	7	8.5	10	11.5	13
1.8	SS2R4007C18	SS2R4008C18	SS2R4010C18	SS2R4011C18	SS2R4013C18
2.8	-	SS2R4008C28	SS2R4010C28	SS2R4011C28	SS2R4013C28

D Ø4.5
P Ø4.8
R

G/H \ L	7	8.5	10	11.5	13
1.8	SS2R4507C18	SS2R4508C18	SS2R4510C18	SS2R4511C18	SS2R4513C18
2.8	-	SS2R4508C28	SS2R4510C28	SS2R4511C28	SS2R4513C28

D Ø4.5
P Ø6.0
W

G/H \ L	7	8.5	10	11.5	13
1.8	SS2W4507C18	SS2W4508C18	SS2W4510C18	SS2W4511C18	SS2W4513C18
2.8	SS2W4507C28	SS2W4508C28	SS2W4510C28	SS2W4511C28	SS2W4513C28

D Ø5.0
P Ø6.0
W

G/H \ L	6	7	8.5	10	11.5	13
Short						
1.8	SS2W5006C18	SS2W5007C18	SS2W5008C18	SS2W5010C18	SS2W5011C18	SS2W5013C18
2.8	SS2W5006C28	SS2W5007C28	SS2W5008C28	SS2W5010C28	SS2W5011C28	SS2W5013C28

2016.04

Ultra-wide

D Ø6.0
P Ø6.0
W

G/H \ L	6	7	8.5	10	11.5	13
Short						
1.8	SS2W6006C18	SS2W6007C18	SS2W6008C18	SS2W6010C18	SS2W6011C18	SS2W6013C18
2.8	SS2W6006C28	SS2W6007C28	SS2W6008C28	SS2W6010C28	SS2W6011C28	SS2W6013C28

D Ø7.0
P Ø6.0
W

G/H \ L	6	7	8.5	10	11.5	13
Short						
1.8	SS2W7006C18	SS2W7007C18	SS2W7008C18	SS2W7010C18	SS2W7011C18	SS2W7013C18
2.8	SS2W7006C28	SS2W7007C28	SS2W7008C28	SS2W7010C28	SS2W7011C28	SS2W7013C28

Nominal diameter may differ from the actual diameter of the product

Note Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

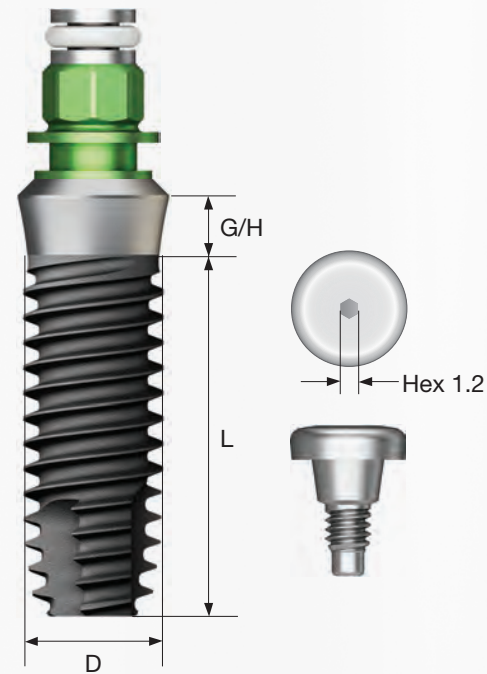
- Non-submerged type implant with an internal octa 8° tapered connection based on the one-stage surgery
- Premium low crystalline nano-HA coated SA surface
- Minimized risk of cracks or detachment of the coating due to the application of bioresorbable coating layer
- Straight body design for easy adjustment of placement depth
- Superior self-threading effect with corkscrew thread

Ultra-wide

- Useful for placement in a fresh extraction socket in the posterior region, immediate placement case or for replacing a failed implant
- Optimized apex design for excellent initial stability in a fresh extraction socket or in 3mm from the bottom
- Recommended placement torque: ≤ 40Ncm
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case

Pre-Mounted implant (implant + simple mount + cover screw) order code

: **A** + implant product code (ex : **ASS2R4011B18**)



D Ø4.0
P Ø4.8



1.8	SS2R4007B18	SS2R4008B18	SS2R4010B18	SS2R4011B18	SS2R4013B18
2.8	-	SS2R4008B28	SS2R4010B28	SS2R4011B28	SS2R4013B28

D Ø4.5
P Ø4.8



1.8	SS2R4507B18	SS2R4508B18	SS2R4510B18	SS2R4511B18	SS2R4513B18
2.8	-	SS2R4508B28	SS2R4510B28	SS2R4511B28	SS2R4513B28

D Ø4.5
P Ø6.0



1.8	SS2W4507B18	SS2W4508B18	SS2W4510B18	SS2W4511B18	SS2W4513B18
2.8	SS2W4507B28	SS2W4508B28	SS2W4510B28	SS2W4511B28	SS2W4513B28

D Ø5.0
P Ø6.0



1.8	SS2W5006B18	SS2W5007B18	SS2W5008B18	SS2W5010B18	SS2W5011B18	SS2W5013B18
2.8	SS2W5006B28	SS2W5007B28	SS2W5008B28	SS2W5010B28	SS2W5011B28	SS2W5013B28

Ultra-wide

D Ø6.0
P Ø6.0



1.8	SS2W6006B18	SS2W6007B18	SS2W6008B18	SS2W6010B18	SS2W6011B18	SS2W6013B18
2.8	SS2W6006B28	SS2W6007B28	SS2W6008B28	SS2W6010B28	SS2W6011B28	SS2W6013B28

D Ø7.0
P Ø6.0



1.8	SS2W7006B18	SS2W7007B18	SS2W7008B18	SS2W7010B18	SS2W7011B18	SS2W7013B18
2.8	SS2W7006B28	SS2W7007B28	SS2W7008B28	SS2W7010B28	SS2W7011B28	SS2W7013B28

Nominal diameter may differ from the actual diameter of the product

Note Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

SSIII SA Implant ^{2011.11}

- Non-submerged type implant with an internal octa 8° tapered connection based on the one-stage surgery
- Optimal thread design for realization of optimal SA surface
- Tapered body design for excellent initial stability
- Superior self-threading effect with corkscrew thread
- Ensuring excellent primary stability needed for immediate loading even in soft bone

Ultra-wide

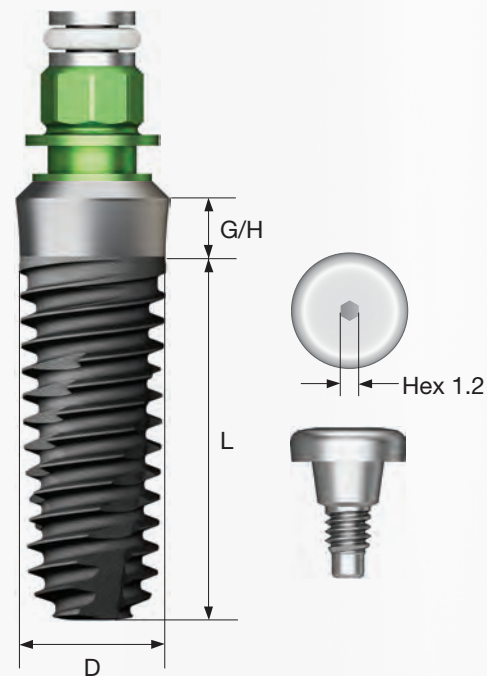
- Useful for placement in a fresh extraction socket in the posterior region, immediate placement case or for replacing a failed implant
 - Optimized apex design for excellent initial stability in a fresh extraction socket or in 3mm from the bottom
 - Recommended placement torque: ≤ 40Ncm
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case

NoMount implant order code

: implant product code (ex : SS3R4011S18)

Pre-Mounted implant (implant + simple mount + cover screw) order code

: A + implant product code (ex : ASS3R4011S18)



D Ø3.5
P Ø4.8



G/H \ L	8.5	10	11.5	13
1.8	SS3R3508S18	SS3R3510S18	SS3R3511S18	SS3R3513S18
2.8	SS3R3508S28	SS3R3510S28	SS3R3511S28	SS3R3513S28

D Ø4.0
P Ø4.8



G/H \ L	7	7	8.5	10	11.5	13
0.8	SS3R4006S08	-	-	-	-	-
1.8	SS3R4006S18	SS3R4007S18	SS3R4008S18	SS3R4010S18	SS3R4011S18	SS3R4013S18
2.8	-	-	SS3R4008S28	SS3R4010S28	SS3R4011S28	SS3R4013S28

D Ø4.5
P Ø4.8



G/H \ L	7	7	8.5	10	11.5	13
Extra short						
0.8	SS3R4506S08	-	-	-	-	-
1.8	SS3R4506S18	SS3R4507S18	SS3R4508S18	SS3R4510S18	SS3R4511S18	SS3R4513S18
2.8	-	-	SS3R4508S28	SS3R4510S28	SS3R4511S28	SS3R4513S28

D Ø4.5
P Ø6.0



G/H \ L	7	7	8.5	10	11.5	13
Extra short						
0.8	SS3W4506S08	-	-	-	-	-
1.8	SS3W4506S18	SS3W4507S18	SS3W4508S18	SS3W4510S18	SS3W4511S18	SS3W4513S18
2.8	-	SS3W4507S28	SS3W4508S28	SS3W4510S28	SS3W4511S28	SS3W4513S28

D Ø5.0
P Ø6.0








G/H \ L	6	6	6	7	8.5	10	11.5	13
Extra short								
0.8	SS3W5004S08	SS3W5005S08	-	-	-	-	-	-
1.8	-	SS3W5005S18	SS3W5006S18	SS3W5007S18	SS3W5008S18	SS3W5010S18	SS3W5011S18	SS3W5013S18
2.8	-	-	SS3W5006S28	SS3W5007S28	SS3W5008S28	SS3W5010S28	SS3W5011S28	SS3W5013S28

Nominal diameter may differ from the actual diameter of the product

Note Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

Ultra-wide

D \varnothing 6.0 P \varnothing 6.0 W	G/H \ L	6	7	8.5	10	11.5	13
		Short					
1.8		SS3W6006S18	SS3W6007S18	SS3W6008S18	SS3W6010S18	SS3W6011S18	SS3W6013S18
2.8		SS3W6006S28	SS3W6007S28	SS3W6008S28	SS3W6010S28	SS3W6011S28	SS3W6013S28

D \varnothing 7.0 P \varnothing 6.0 W	G/H \ L	6	7	8.5	10	11.5	13
		Short					
1.8		SS3W7006S18	SS3W7007S18	SS3W7008S18	SS3W7010S18	SS3W7011S18	SS3W7013S18
2.8		SS3W7006S28	SS3W7007S28	SS3W7008S28	SS3W7010S28	SS3W7011S28	SS3W7013S28

OSSTEM[®]
IMPLANT

Nominal diameter may differ from the actual diameter of the product

Note Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

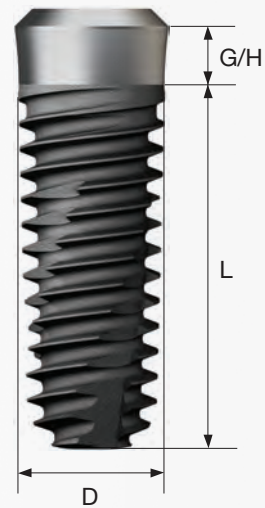
- Non-submerged type implant with an internal octa 8° tapered connection based on the one-stage surgery
- Super-hydrophilic SA surface suspended in a calcium solution
- Tapered body design for excellent initial stability
- Superior self-threading effect with corkscrew thread
- Ensuring excellent primary stability needed for immediate loading even in soft bone

Ultra-wide

- Useful for placement in a fresh extraction socket in the posterior region, immediate placement case or for replacing a failed implant
- Optimized apex design for excellent initial stability in a fresh extraction socket or in 3mm from the bottom
- Recommended placement torque: $\leq 40\text{Ncm}$
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case

NoMount implant order code

: implant product code (ex : SS3R4011C18)



D Ø3.5
P Ø4.8



G/H \ L	8.5	10	11.5	13
1.8	SS3R3508C18	SS3R3510C18	SS3R3511C18	SS3R3513C18
2.8	SS3R3508C28	SS3R3510C28	SS3R3511C28	SS3R3513C28

D Ø4.0
P Ø4.8



G/H \ L	7	8.5	10	11.5	13
1.8	SS3R4007C18	SS3R4008C18	SS3R4010C18	SS3R4011C18	SS3R4013C18
2.8	-	SS3R4008C28	SS3R4010C28	SS3R4011C28	SS3R4013C28

D Ø4.5
P Ø4.8



G/H \ L	7	8.5	10	11.5	13
1.8	SS3R4507C18	SS3R4508C18	SS3R4510C18	SS3R4511C18	SS3R4513C18
2.8	-	SS3R4508C28	SS3R4510C28	SS3R4511C28	SS3R4513C28

D Ø4.5
P Ø6.0



G/H \ L	7	8.5	10	11.5	13
1.8	SS3W4507C18	SS3W4508C18	SS3W4510C18	SS3W4511C18	SS3W4513C18
2.8	SS3W4507C28	SS3W4508C28	SS3W4510C28	SS3W4511C28	SS3W4513C28

D Ø5.0
P Ø6.0



G/H \ L	6	7	8.5	10	11.5	13
1.8	SS3W5006C18	SS3W5007C18	SS3W5008C18	SS3W5010C18	SS3W5011C18	SS3W5013C18
2.8	SS3W5006C28	SS3W5007C28	SS3W5008C28	SS3W5010C28	SS3W5011C28	SS3W5013C28

Nominal diameter may differ from the actual diameter of the product

Note Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

Ultra-wide

D \varnothing 6.0 P \varnothing 6.0 W	G/H \ L	6	7	8.5	10	11.5	13
		Short					
1.8		SS3W6006C18	SS3W6007C18	SS3W6008C18	SS3W6010C18	SS3W6011C18	SS3W6013C18
2.8		SS3W6006C28	SS3W6007C28	SS3W6008C28	SS3W6010C28	SS3W6011C28	SS3W6013C28

D \varnothing 7.0 P \varnothing 6.0 W	G/H \ L	6	7	8.5	10	11.5	13
		Short					
1.8		SS3W7006C18	SS3W7007C18	SS3W7008C18	SS3W7010C18	SS3W7011C18	SS3W7013C18
2.8		SS3W7006C28	SS3W7007C28	SS3W7008C28	SS3W7010C28	SS3W7011C28	SS3W7013C28

OSSTEM[®]
IMPLANT

Nominal diameter may differ from the actual diameter of the product

Note Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

SSIII BA Implant 2018.12

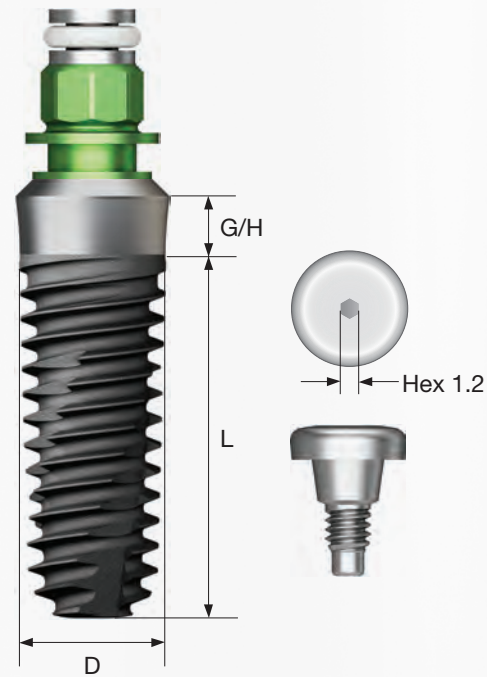
- Non-submerged type implant with an internal octa 8° tapered connection based on the one-stage surgery
- Premium low crystalline nano-HA coated SA surface
- Minimized risk of cracks or detachment of the coating due to the application of bioresorbable coating layer
- Tapered body design for excellent initial stability
- Superior self-threading effect with corkscrew thread
- Ensuring excellent initial stability needed for immediate loading even in soft bone

Ultra-wide

- Useful for placement in a fresh extraction socket in the posterior region, immediate placement case or for replacing a failed implant
- Optimized apex design for excellent initial stability in a fresh extraction socket or in 3mm from the bottom
- Recommended placement torque: $\leq 40\text{Ncm}$
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case

Pre-Mounted implant (implant + simple mount + cover screw) order code

: **A** + implant product code (ex : **ASS3R4011B18**)



D Ø3.5
P Ø4.8



G/H \ L	8.5	10	11.5	13
1.8	SS3R3508B18	SS3R3510B18	SS3R3511B18	SS3R3513B18
2.8	SS3R3508B28	SS3R3510B28	SS3R3511B28	SS3R3513B28

D Ø4.0
P Ø4.8



G/H \ L	7	8.5	10	11.5	13
1.8	SS3R4007B18	SS3R4008B18	SS3R4010B18	SS3R4011B18	SS3R4013B18
2.8	-	SS3R4008B28	SS3R4010B28	SS3R4011B28	SS3R4013B28

D Ø4.5
P Ø4.8



G/H \ L	7	8.5	10	11.5	13
1.8	SS3R4507B18	SS3R4508B18	SS3R4510B18	SS3R4511B18	SS3R4513B18
2.8	-	SS3R4508B28	SS3R4510B28	SS3R4511B28	SS3R4513B28

D Ø4.5
P Ø6.0



G/H \ L	7	8.5	10	11.5	13
1.8	SS3W4507B18	SS3W4508B18	SS3W4510B18	SS3W4511B18	SS3W4513B18
2.8	SS3W4507B28	SS3W4508B28	SS3W4510B28	SS3W4511B28	SS3W4513B28

D Ø5.0
P Ø6.0



G/H \ L	6	7	8.5	10	11.5	13
1.8	SS3W5006B18	SS3W5007B18	SS3W5008B18	SS3W5010B18	SS3W5011B18	SS3W5013B18
2.8	SS3W5006B28	SS3W5007B28	SS3W5008B28	SS3W5010B28	SS3W5011B28	SS3W5013B28







Nominal diameter may differ from the actual diameter of the product

Note Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

Ultra-wide







D \varnothing 6.0
P \varnothing 6.0



G/H \ L	6	7	8.5	10	11.5	13
	 Short					
1.8	SS3W6006B18	SS3W6007B18	SS3W6008B18	SS3W6010B18	SS3W6011B18	SS3W6013B18
2.8	SS3W6006B28	SS3W6007B28	SS3W6008B28	SS3W6010B28	SS3W6011B28	SS3W6013B28

D \varnothing 7.0
P \varnothing 6.0



G/H \ L	6	7	8.5	10	11.5	13
	 Short					
1.8	SS3W7006B18	SS3W7007B18	SS3W7008B18	SS3W7010B18	SS3W7011B18	SS3W7013B18
2.8	SS3W7006B28	SS3W7007B28	SS3W7008B28	SS3W7010B28	SS3W7011B28	SS3W7013B28



Nominal diameter may differ from the actual diameter of the product

Note Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

Simple Mount

- Selected according to the implant platform
- Hand tightened with a 1.2 hex driver
- ※ Disposable, Do not reuse
- P = Platform

R Regular

W Wide

P

R



SSH RG

W



SSH WB

P

R



SSCS 480

W



SSCS 600

Cover Screw

- Selected according to the implant platform
- Hand tightened with a 1.2 hex driver
- P = Platform

R Regular

W Wide

Closing Screw

- For lack of soft tissue in the suture
- Hand tightened with a 1.2 hex driver
- P = Platform

R Regular

W Wide

P

R



SSCS 480N

W



SSCS 600N

Healing Abutment ^{2007.09}

- Selected according to the implant platform
- Hand tightened with a 1.2 hex driver
- P = Platform

- R** Regular
- W** Wide



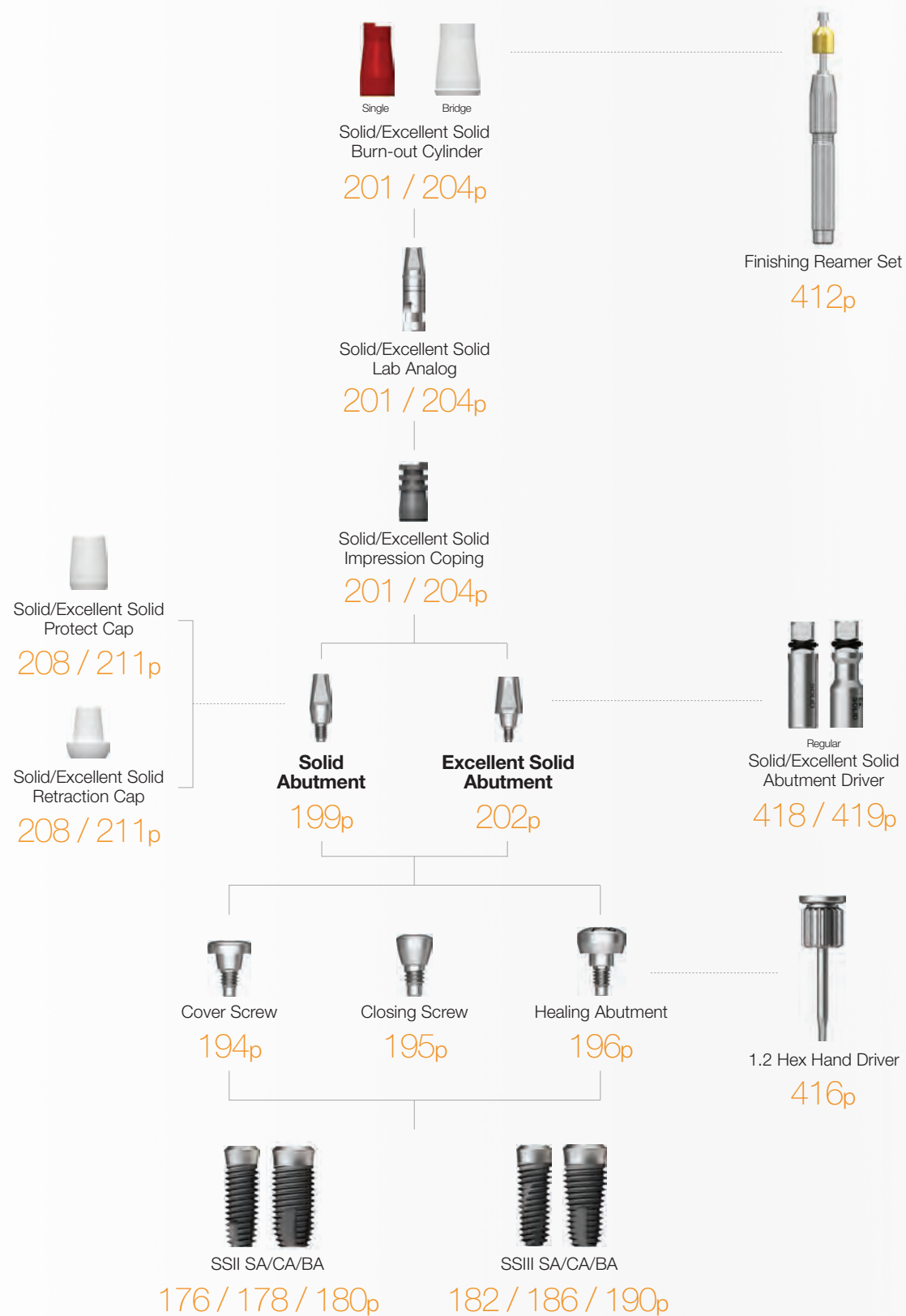
P \ H	2.0	3.0	4.0	5.0
Ø4.8	SSH482	SSH483	SSH484	SSH485

P \ H	2.0	3.0	4.0	5.0
Ø6.0	-	SSH603	SSH604	SSH605

OSSTEM[®]
IMPLANT

Solid / Excellent Solid

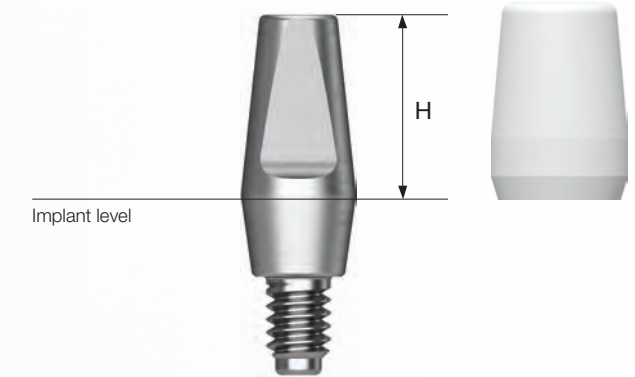
Abutment Level Impression



Solid Abutment ^{2007.09}

- Abutment for producing cement-retained prosthesis
- Abutment level impression
- Ø4.8 : Tightened with a Solid Abutment driver (code : SDSL/SDSS)
- Ø6.0 : Tightened with a 1.2 hex driver or Solid Abutment driver (code : SD60S)
- Recommended tightening torque : 30Ncm
- Packing unit : abutment + protect cap

Abutment + protect cap order code
: product code + **P** (ex : SSS485**P**)



P Ø4.8



P Ø6.0









Solid Abutment Components

Solid Protect Cap

- Solid Abutment protection with reduced patient discomfort
- Used as a temporary crown base

R Regular

W Wide







P \ H	4.0	5.5	7.0
Ø 4.8	 SSC484	 SSC485	 SSC487
Ø 6.0	 SSC604	 SSC605	 SSC607

Solid Retraction Cap

- Ensuring clear margin by pushing the gingiva around the margin in the direct impression of Solid Abutment
- Used as a temporary crown base

R Regular

W Wide




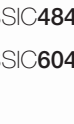
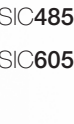
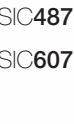
P \ H	4.0	5.5	7.0
Ø 4.8	 SSSRC484	 SSSRC485	 SSSRC487
Ø 6.0	 SSSRC604	 SSSRC605	 SSSRC607

Solid Impression Coping

- Components for Solid Abutment impression
- Enabling production of elaborate prosthesis using lab analog
- Used by selecting the color matching the abutment height

R Regular

W Wide

P \ H	4.0	5.5	7.0
Ø 4.8	 SSIC484	 SSIC485	 SSIC487
Ø 6.0	 SSIC604	 SSIC605	 SSIC607

Solid Lab Analog

- Components for Solid Abutment reproduction on a model after impression taking
- Used by assembling to the solid impression coping in the same color

R Regular

W Wide

P \ H	4.0	5.5	7.0
Ø 4.8	 SSSA484	 SSSA485	 SSSA487
Ø 6.0	 SSSA604	 SSSA605	 SSSA607

Solid Burn-out Cylinder

- Components replacing the resin cap prior to fabrication of wax-up using Solid Abutment
- Enabling the production of elaborate prosthesis with uniform interior
- Used after removing the tightening connection of lower margin after casting

R Regular

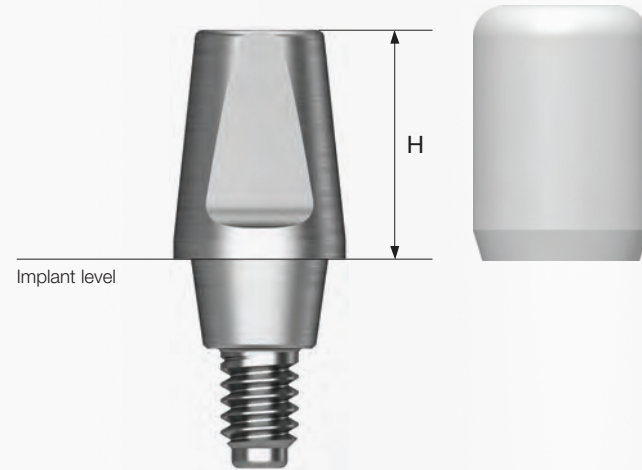
W Wide

P \ H	Single	Bridge
Ø 4.8	 SSSP480S	 SSSP480B
Ø 6.0	 SSSP600S	 SSSP600B

Excellent Solid Abutment ^{2007.09}

- Abutment for producing cement-retained prosthesis
- Larger in volume compared to Solid Abutment, suitable for molars or when removal is required
- Abutment level impression
- Ø 4.8 : Tightened with a 1.2 hex driver or Excellent Solid Abutment driver (code : ESDSS/ESDSL)
- Ø 6.0 : Tightened with a 1.2 hex driver or Excellent Solid Abutment driver (code : ESD60S)
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + protect cap

Abutment + protect cap order code
: product code + P (ex : SSE485P)



P Ø4.8

R



P Ø6.0

W



Excellent Solid Abutment Components

Excellent Solid Protect Cap

- Used for Excellent Solid Abutment protection and reducing patient discomfort
- Used as a temporary crown base

R Regular

W Wide

P \ H	4.0	5.5	7.0
Ø 4.8	SSEC484	SSEC485	SSEC487
Ø 6.0	SSEC604	SSEC605	SSEC607

Excellent Solid Retraction Cap

- Used for accurate margin reproduction by pushing away the surrounding gingiva when taking a direct impression of Excellent Solid Abutment
- Used as a temporary crown base

R Regular

W Wide




P \ H	4.0	5.5	7.0
Ø 4.8	SSERC484	SSERC485	SSERC487
Ø 6.0	SSERC604	SSERC605	SSERC607

Excellent Solid Abutment Components

Excellent Solid Impression Coping

- Components for Excellent Solid Abutment impression
- Enabling production of elaborate prosthesis using lab analog
- Used by selecting the color matching the abutment height

R Regular
W Wide

P \ H	4.0	5.5	7.0
			
	SSEIC484	SSEIC485	SSEIC487
	SSEIC604	SSEIC605	SSEIC607

Ø 4.8
Ø 6.0

Excellent Solid Lab Analog

- Components for Excellent Solid Abutment reproduction on model after impression taking
- Used by connecting to the appropriate color coded Excellent Solid Impression Cap

R Regular
W Wide

P \ H	4.0	5.5	7.0
			
	SSEA484	SSEA485	SSEA487
	SSEA604	SSEA605	SSEA607

Ø 4.8
Ø 6.0

Excellent Solid Burn-out Cylinder

- Components replacing the resin cap prior to fabrication of wax-up using Excellent Solid Abutment
- Enabling the production of elaborate prosthesis with uniform interior
- Used after removing the tightening connection of lower margin after casting

R Regular
W Wide

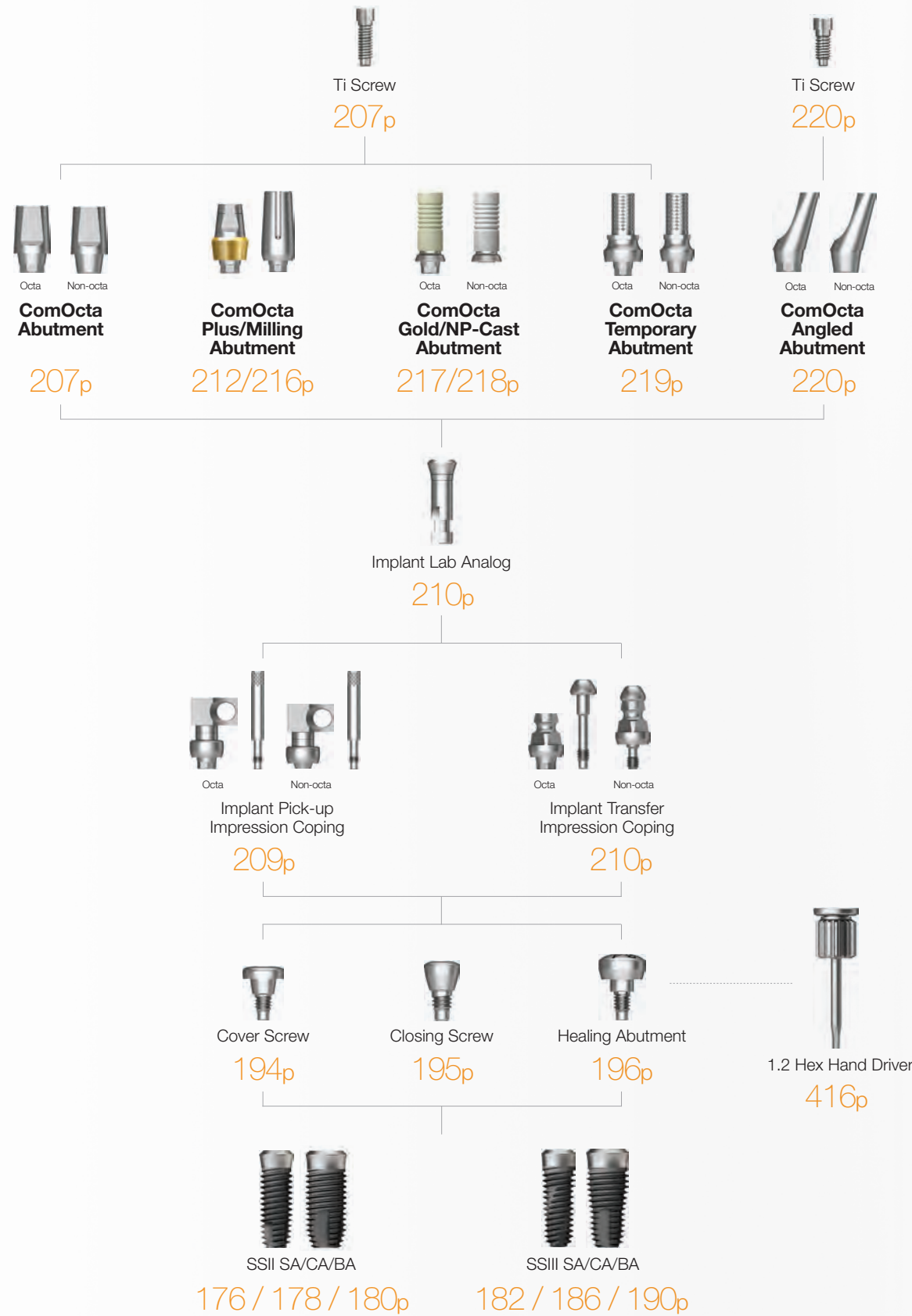
P \ H	Single	Bridge
		
	SSEP480S	SSEP480B
	SSEP600S	SSEP600B

Ø 4.8
Ø 6.0

OSSTEM[®]
IMPLANT

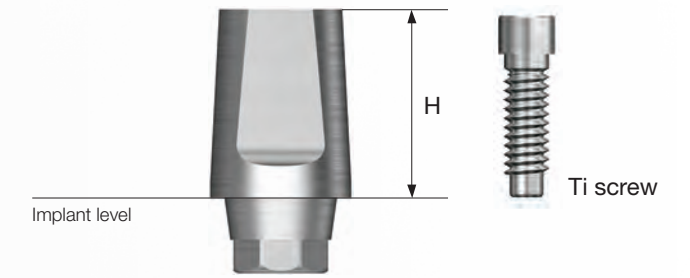
ComOcta

Implant Level Impression



ComOcta Abutment ^{2011.01}

- Abutment for producing cement-retained / combination prosthesis
- Implant level impression
- Enabling abutment level impression using the retraction cap
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw



Abutment + Ti screw order code
: product code + TH (ex : SSCA485TH)

P Ø4.8



Ti screw
: ASR200

H	4.0	5.5	7.0	4.0	5.5	7.0
Type	Octa			Non-Octa		
	SSCA484	SSCA485	SSCA487	SSCA484N	SSCA485N	SSCA487N

P Ø6.0



Ti screw
: ASR200







H	4.0	5.5	7.0	4.0	5.5	7.0
Type	Octa			Non-Octa		
	SSCA604	SSCA605	SSCA607	SSCA604N	SSCA605N	SSCA607N

ComOcta Abutment Components

ComOcta Protect Cap

- ComOcta Abutment protection with reduced patient discomfort
- Used as a temporary crown base
- Excellent Solid Protect Cap used in common for wide type







R Regular
W Wide

P \ H	4.0	5.5	7.0
Ø 4.8	 SSCC484	 SSCC485	 SSCC487
Ø 6.0	 SSEC604	 SSEC605	 SSEC607

ComOcta Retraction Cap

- Used for accurate margin reproduction by pushing away the surrounding gingiva when taking a direct impression of ComOcta Abutment
- Used as a temporary crown base

R Regular
W Wide

P \ H	4.0	5.5	7.0
Ø 4.8	 SSCRC484	 SSCRC485	 SSCRC487
Ø 6.0	 SSCRC604	 SSCRC605	 SSCRC607

ComOcta Impression Coping

- Components for ComOcta Abutment impression
- Enabling production of elaborate prosthesis using lab analog
- Used by selecting the color matching the abutment height
- Excellent Solid Impression Coping used in common for wide type

R Regular
W Wide

P \ H	4.0	5.5	7.0
Ø 4.8	 SSCIC484	 SSCIC485	 SSCIC487
Ø 6.0	 SSEIC604	 SSEIC605	 SSEIC607

ComOcta Lab Analog

- Components for Excellent Solid Abutment reproduction on model after impression taking
- Used by connecting to the same color as the ComOcta Impression Cap

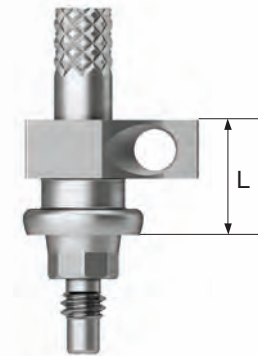
R Regular
W Wide

P \ H	4.0	5.5	7.0
Ø 4.8	 SSCLA484	 SSCLA485	 SSCLA487
Ø 6.0	 SSCLA604	 SSCLA605	 SSCLA607

Implant Pick-up Impression Coping

- Components for implant level impression taking
- Using open tray
- Unique design stably fixed within the impression body
- Hand tightened with a 1.2 hex driver
- Packing unit : impression coping body + guide pin(*)

R Regular (Green)
W Wide (Blue)

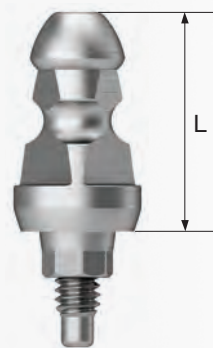


P \ L Type	5		10		Guide Pin		
	Octa	Non-Octa	Octa	Non-Octa	10	15	17
Ø 4.8	 SSICAS480	 SSICAS480N	 SSICA480	 SSICA480N	 CSR100*(L5)	 CSR150*(L10)	 CSR170
Ø 6.0	 SSICAS600	 SSICAS600N	 SSICA600	 SSICA600N			

ComOcta Abutment Components

Implant Transfer Impression Coping

- Components for implant level impression taking
- Using closed tray
- Triangular arc structure for stable fastening and accurate repositioning
- Hand tightened with a 1.2 hex driver
- Packing unit
 - Octa : impression coping body + guide pin
 - Non-octa : impression coping



R Regular (Green)

W Wide (Blue)

P \ L	9.5		12.5		9.5		12.5	
	Type		Octa		Non-Octa		Non-Octa	
	Ø 4.8							
	Ø 6.0							
	SSCTIS480	SSCTIS600	SSCTIL480	SSCTIL600	SSCTIS480N	SSCTIS600N	SSCTIL480N	SSCTIL600N

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IMPLANT

Implant Lab Analog

- Lab analog for implant level impression
- Used by selecting according to the implant platform Ø4.8/6.0

R Regular (Green)

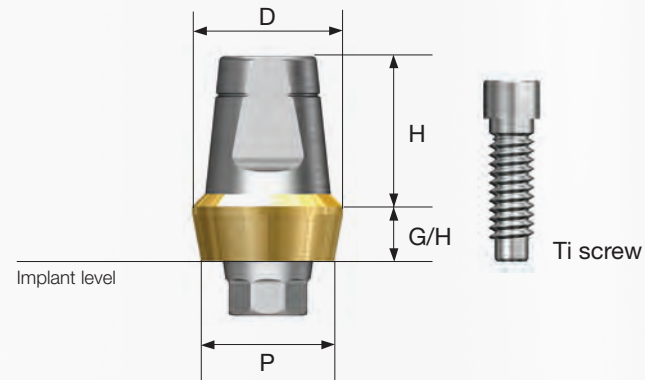
W Wide (Blue)

P	
	SSFA480
	SSFA600
	Ø 4.8
	Ø 6.0

ComOcta Plus Abutment 2014.03

- Abutment for producing cement-retained/combination prosthesis
- Used for thick gingiva or deeply placed implant
- 45° platform contact for abutment-implant connection
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code
: product code + **TH** (ex : SSCAP4826**CTH**)



P Ø4.8



Ti screw
: ASR200

	H \ G/H D	1.0 Ø5.5	2.0 Ø5.5	3.0 Ø5.5	4.0 Ø5.5
Octa	4.0	SSCAP4814C	SSCAP4824C	SSCAP4834C	SSCAP4844C
	5.5	SSCAP4816C	SSCAP4826C	SSCAP4836C	SSCAP4846C
Non-Octa	5.5	SSCAP4816CN	SSCAP4826CN	SSCAP4836CN	SSCAP4846CN

	H \ G/H D	2.0 Ø6.0	3.0 Ø6.5	4.0 Ø7.0
Octa	5.5	SSCAP4826E	SSCAP4836E	SSCAP4846E
Non-Octa	5.5	SSCAP4826EN	SSCAP4836EN	SSCAP4846EN

P Ø6.0



Ti screw
: ASR200

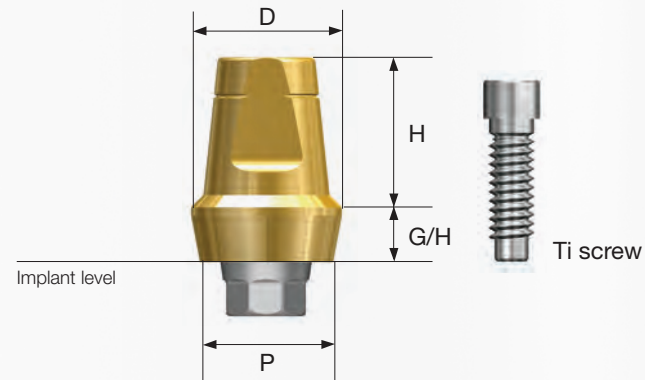
	H \ G/H D	1.0 Ø6.5	2.0 Ø6.5	3.0 Ø6.5	4.0 Ø6.5
Octa	4.0	SSCAP6014C	SSCAP6024C	SSCAP6034C	SSCAP6044C
	5.5	SSCAP6016C	SSCAP6026C	SSCAP6036C	SSCAP6046C
Non-Octa	5.5	SSCAP6016CN	SSCAP6026CN	SSCAP6036CN	SSCAP6046CN

	H \ G/H D	2.0 Ø6.8	3.0 Ø7.2	4.0 Ø7.6
Octa	5.5	SSCAP6026E	SSCAP6036E	SSCAP6046E
Non-Octa	5.5	SSCAP6026EN	SSCAP6036EN	SSCAP6046EN

ComOcta Plus ID Abutment 2014.09

• ComOcta Plus Abutment not covered by insurance

Abutment + Ti screw order code
: product code + **TH** (ex : BSSCAP4826**CTH**)



P Ø4.8



Ti screw
: ASR200

	H \ G/H D	1.0 Ø5.5	2.0 Ø5.5	3.0 Ø5.5	4.0 Ø5.5
Octa	4.0	BSSCAP4814C	BSSCAP4824C	BSSCAP4834C	BSSCAP4844C
	5.5	BSSCAP4816C	BSSCAP4826C	BSSCAP4836C	BSSCAP4846C
Non-Octa	5.5	BSSCAP4816CN	BSSCAP4826CN	BSSCAP4836CN	BSSCAP4846CN

	H \ G/H D	2.0 Ø6.0	3.0 Ø6.5	4.0 Ø7.0
Octa	5.5	BSSCAP4826E	BSSCAP4836E	BSSCAP4846E
Non-Octa	5.5	BSSCAP4826EN	BSSCAP4836EN	BSSCAP4846EN

P Ø6.0



Ti screw
: ASR200

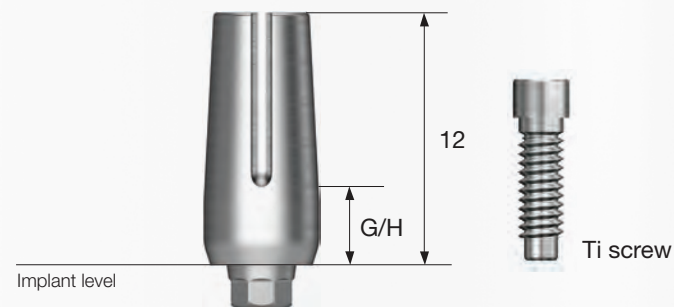
	H \ G/H D	1.0 Ø6.5	2.0 Ø6.5	3.0 Ø6.5	4.0 Ø6.5
Octa	4.0	BSSCAP6014C	BSSCAP6024C	BSSCAP6034C	BSSCAP6044C
	5.5	BSSCAP6016C	BSSCAP6026C	BSSCAP6036C	BSSCAP6046C
Non-Octa	5.5	BSSCAP6016CN	BSSCAP6026CN	BSSCAP6036CN	BSSCAP6046CN

	H \ G/H D	2.0 Ø6.8	3.0 Ø7.2	4.0 Ø7.6
Octa	5.5	BSSCAP6026E	BSSCAP6036E	BSSCAP6046E
Non-Octa	5.5	BSSCAP6026EN	BSSCAP6036EN	BSSCAP6046EN

ComOcta Milling Abutment ^{2014.03}

- Abutment for producing cement-retained / combination prosthesis
- Used for customizing the shape of the abutment margin
- 45° platform contact for abutment-implant connection
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw

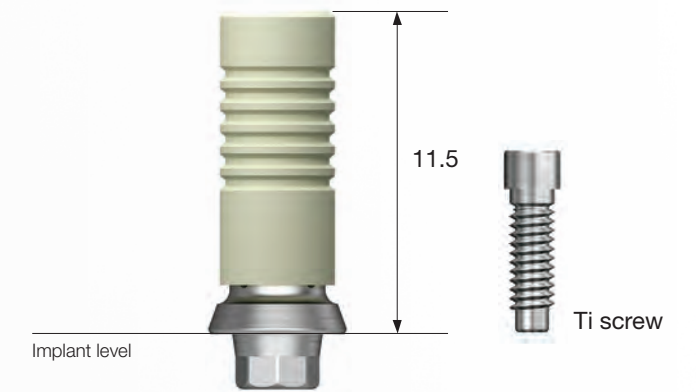
Abutment + Ti screw order code
: product code + **TH** (ex : SSCMA4830**TH**)









ComOcta Gold Abutment ^{2007.09}

- Abutment for producing cement-retained / combination / screw-retained prosthesis
- Used for fabrication of customized prosthesis by casting with gold alloys
- 45° platform contact for abutment-implant connection
- Abutment melting temperature: 1,400~1,450°C
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code
: product code + **TH** (ex : COG480**STH**)



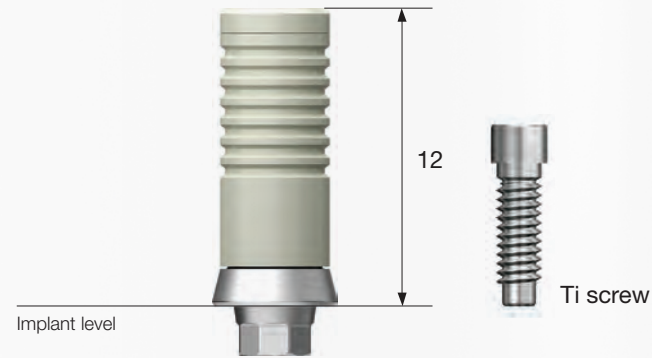
P Ø4.8	G/H	3.0	P Ø6.0	G/H	3.0
R			W		
Ti screw : ASR200		SSCMA4830	Ti screw : ASR200		SSCMA6030

P Ø4.8	Type	Octa	Non-Octa	P Ø6.0	Type	Octa	Non-Octa
R				W			
Ti screw : ASR200		COG480S	COG480B	Ti screw : ASR200		COG600S	COG600B

ComOcta NP-Cast Abutment ^{2012.04}

- Abutment for producing cement-retained/combination/screw-retained prosthesis
- Used for fabrication of customized prosthesis by casting with nonprecious metal alloys
- 45° platform contact for abutment-implant connection
- Abutment melting temperature: 1,400~1,450°C
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw

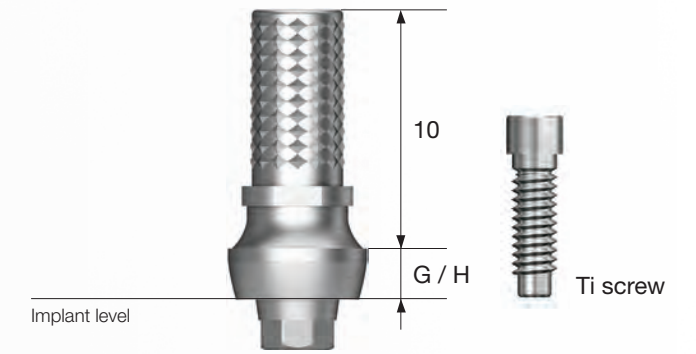
Abutment + Ti screw order code
: product code + **TH** (ex : CON480**STH**)



ComOcta Temporary Abutment ^{2007.09}

- Abutment for producing cement-retained/screw-retained temporary prosthesis
- Used by removing for producing temporary prosthesis (Ti Gr-3)
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code
: product code + **TH** (ex : SSTA0480**TH**)



P Ø4.8 Type **Octa** **Non-Octa**

R
Ti screw : ASR200

CON480S CON480B

P Ø6.0 Type **Octa** **Non-Octa**

W
Ti screw : ASR200

CON600S CON600B

P Ø4.8 G/H Type **0** **2.0** **0** **2.0**

R **Octa** **Non-Octa**
Ti screw : ASR200

SSTA0480 SSTA0482 SSTAN480 SSTAN482

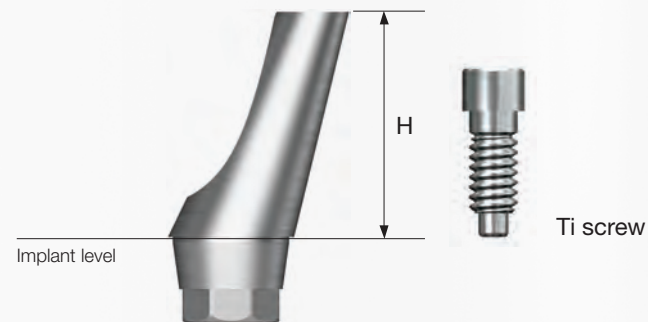
P Ø6.0 G/H Type **0** **2.0** **0** **2.0**

W **Octa** **Non-Octa**
Ti screw : ASR200

SSTA0600 SSTA0602 SSTAN600 SSTAN602

ComOcta Angled Abutment ^{2011.01}

- Abutment for producing cement-retained/combination prosthesis
- 15°/25° implant placement angle compensation
- Dedicated abutment screws are used
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw(only angled)



Abutment + Ti screw order code
: product code + **TH** (ex : SSA4815**TH**)

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IMPLANT

P Ø4.8



Ti screw
: ASS200

H	Angle Type	15°	20°	15°	20°
		Octa		Non-Octa	
6.7					
		SSA4815	SSA4820	SSA4815N	SSA4820N

P Ø6.0

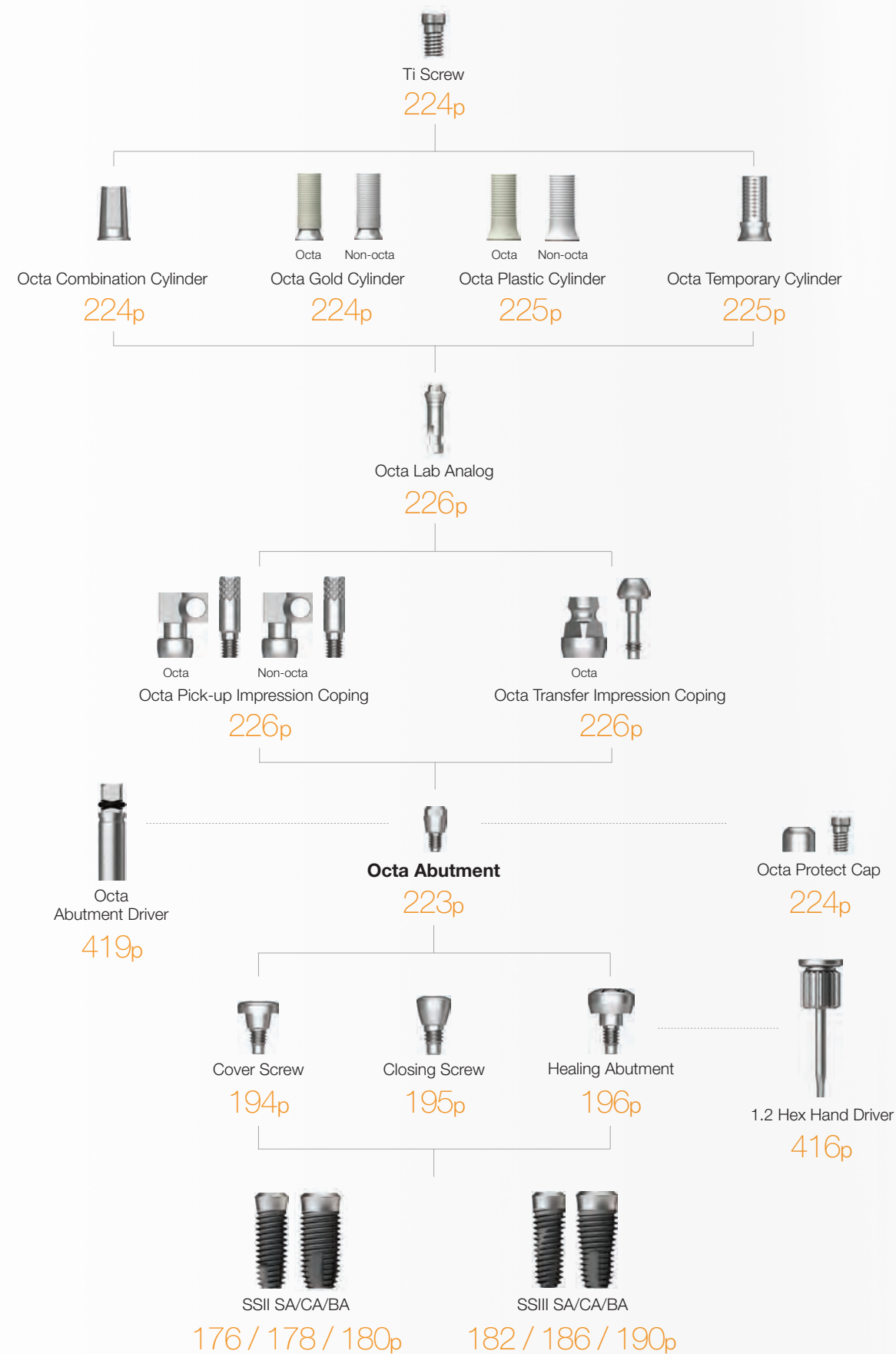


Ti screw
: ASS200

H	Angle Type	15°	20°	15°	20°
		Octa		Non-Octa	
5.5					
		SSA6015	SSA6020	SSA6015N	SSA6020N

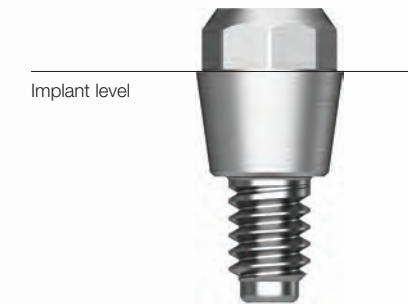
Octa

Abutment Level Impression



Octa Abutment ^{2007.09}

- Used for producing combination/screw-retained prosthesis in multiple case
- Implant placement angle compensated up to 60°
- Tightened with a dedicated outer driver (code : ODSL/ODSS)
- Recommended tightening torque: 30Ncm



P Ø4.8



SSOA480

P Ø6.0



SSOA600

Octa Abutment Components

Octa Protect Cap

- Protect cap for Octa Abutment
- Hand tightened with a 1.2 hex driver
- Packing unit : protect cap + Ti screw

Protect cap + Ti screw order code
: product code + **TH** (ex : SSHC480**TH**)

R Regular

W Wide

P	
Ø 4.8	SSHC480
Ø 6.0	SSHC600
Ti screw : SSFS (Ø 4.8 / Ø 6.0)	



Octa Gold Cylinder

- Used for producing screw-retained prosthesis in Octa Abutment
- Used for fabrication of customized prosthesis by casting with gold alloys
- Cylinder melting temperature: 1,400~1,450°C
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + Ti cylinder screw

Cylinder + Ti screw order code
: product code + **TH** (ex : SSGCO480**TH**)

R Regular

W Wide

P	Type	Octa	Non-Octa
Ø 4.8		SSGCO480	SSGCN480
Ø 6.0		SSGCO600	SSGCN600
Ti screw : SSFS (Ø 4.8 / Ø 6.0)			



Octa Combination Cylinder

- Used for producing combination prosthesis in Octa Abutment
- Connection structure for both octa/non-octa
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + Ti cylinder screw

Cylinder + Ti screw order code
: product code + **TH** (ex : SSOCC480**TH**)

R Regular

W Wide

P	
Ø 4.8	SSOCC480
Ø 6.0	SSOCC600
Ti screw : SSFS (Ø 4.8 / Ø 6.0)	



Octa Temporary Cylinder

- Used for producing temporary prosthesis in Octa Abutment (Ti Gr-3)
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + Ti cylinder screw

Cylinder + Ti screw order code
: product code + **TH** (ex : SSTCO480**TH**)

R Regular

W Wide

P	G/H	0	2
Ø 4.8		SSTCO480	SSTCO482
Ø 6.0		SSTCO600	SSTCO602
Ti screw : SSFS (Ø 4.8 / Ø 6.0)			



Octa Plastic Cylinder

- Used for producing screw-retained prosthesis in Octa Abutment
- Used for fabrication of customized prosthesis by casting with nonprecious metal alloys
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + Ti cylinder screw

Cylinder + Ti screw order code
: product code + **TH** (ex : SSPSO480**TH**)

R Regular

W Wide

P	Type	Octa	Non-Octa
Ø 4.8		SSPSO480	SSPSN480
Ø 6.0		SSPSO600	SSPSN600
Ti screw : SSFS (Ø 4.8 / Ø 6.0)			



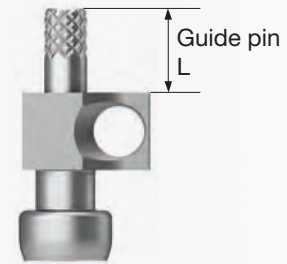
Octa Abutment Components

Octa Pick-up Impression Coping

- Pick up impression coping for Octa Abutment
- Hand tightened with a 1.2 hex driver
- Packing unit : impression coping body + guide pin(*)

R Regular (Green)

W Wide (Blue)



P \ L	Octa		Non-Octa		Guide Pin	
	Ø 4.8	Ø 6.0	SSICO480	SSICN480	0	5.0
			SSICO600	SSICN600	SSGS100	SSGS150*

OSSTEM[®]
IMPLANT

Octa Transfer Impression Coping

- Transfer impression coping for Octa Abutment
- Hand tightened with a 1.2 hex driver
- Packing unit : Impression coping body + guide pin

R Regular (Green)

W Wide (Blue)

P	Ø 4.8	Ø 6.0
	SSOTI480	SSOTI600

Octa Lab Analog

- Lab analog for Octa Abutment
- Hand tightened with a 1.2 hex driver

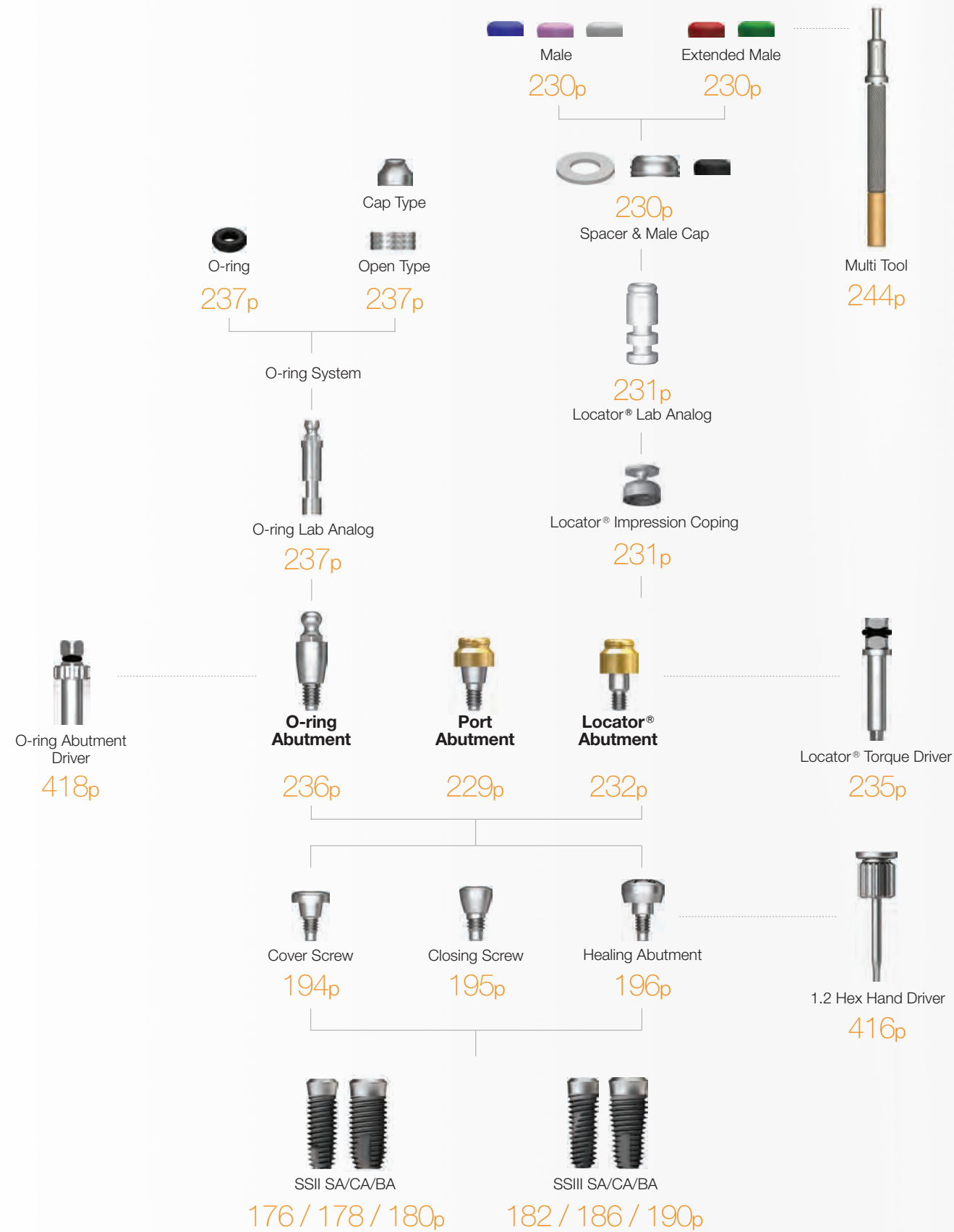
R Regular (Green)

W Wide (Blue)

P	Ø 4.8	Ø 6.0
	SSLA480	SSLA600

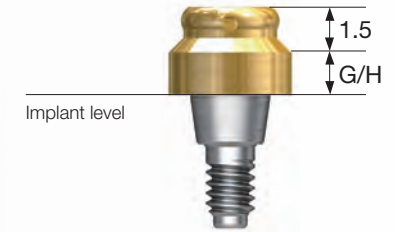
Port / Locator® / O-ring

Overdenture



Port Abutment ^{2010.01}

- Placement angle compensated up to 40°
- Vertical dimension lower by 1.5mm, construction of various attachments with stable fixing
- Tightened with a dedicated outer driver (code : TWLDLK/TWLDLSK)
- Recommended tightening torque: 30Ncm



P Ø4.8

R

G/H	1.0	2.0	3.0	4.0	5.0
	SSPTA4810R	SSPTA4820R	SSPTA4830R	SSPTA4840R	SSPTA4850R

P Ø6.0

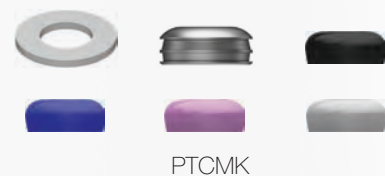
W

G/H	-	2.0	3.0	4.0	5.0
		SSPTA6020W	SSPTA6030W	SSPTA6040W	SSPTA6050W

Port Abutment Components

Port Male KIT

- Components
 - Block out spacer / denture cap connected black processing male
 - Replacement male blue/pink/clear
- Used by selecting the male with adequate retention force for each case
- Using a locator core tool for replacing the male
- Packing unit : 1set



Port Replacement Male

- Retention force : Approx. 6N
- Placement angle compensated up to 20°
- Packing unit : 4ea



- Retention force : Approx. 12N
- Placement angle compensated up to 20°
- Packing unit : 4ea

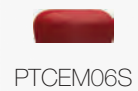


- Retention force : Approx. 22N
- Placement angle compensated up to 20°
- Packing unit : 4ea

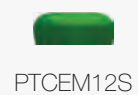


Port Extended Replacement Male

- Retention force : Approx. 6N
- Placement angle compensated up to 20~40°
- Packing unit : 4ea



- Retention force : Approx. 12N
- Placement angle compensated up to 20~40°
- Packing unit : 4ea



Port Black Processing Male

- Male used only in prosthesis fabrication process
- Packing unit : 4ea



Port Male Cap

- Fixed to the denture by connecting with the male
- Packing unit : 1ea



Port Block Out Spacers

- Used for sealing of the space between the abutment and the denture cap when attaching the overdenture and denture cap in the oral cavity
- Packing unit : 20ea



Port Impression Coping

- Pick up impression coping for Locator Abutment
- Using closed tray
- Packing unit : Impression coping + Provisional male 1set



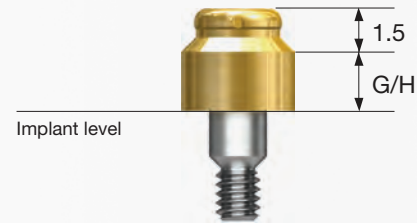
Port Lab Analog

- Lab analog for Locator Abutment
- Packing unit : 1ea



Locator® Abutment ^{2010.01}

- Locator Abutment for SS abutment of Zest Dental Solutions
- Placement angle compensated up to 40°
- Vertical dimension lower by 1.5mm, construction of various attachments with stable fixing
- Tightened with a dedicated outer driver (code : TWLDLK/TWLDLSK)
- Recommended tightening torque: 30Ncm



232 P Ø4.8

R



Locator® Abutment Components

Locator® Male Processing Kit

- Components
 - Block out spacer / denture cap connected black processing male
 - Replacement male blue/pink/clear
- Used by selecting the male with adequate retention force for each case
- Using a locator core tool for replacing the male
- Packing unit : 2set



Locator® Replacement Male

- Retention force : Approx. 6N
- Placement angle compensated up to 20°
- Packing unit : 4ea

- Retention force : Approx. 12N
- Placement angle compensated up to 20°
- Packing unit : 4ea

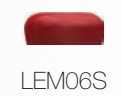
- Retention force : Approx. 22N
- Placement angle compensated up to 20°
- Packing unit : 4ea



Locator® Extended Replacement Male

- Retention force : Approx. 6N
- Placement angle compensated up to 20~40°
- Packing unit : 4ea

- Retention force : Approx. 12N
- Placement angle compensated up to 20~40°
- Packing unit : 4ea



233

SS SYSTEM

232

SS SYSTEM

Locator® Abutment Components

Locator® Black Processing Male

- Male used only in prosthesis fabrication process
- Packing unit : 4ea



LBPS

Locator® Block Out Spacers

- Used for sealing of the space between the abutment and the denture cap when attaching the overdenture and denture cap in the oral cavity
- Packing unit : 20ea



LBSS

Locator® Impression Coping

- Pick up impression coping for Locator Abutment
- Using closed tray
- Packing unit : Impression coping + Provisional male 1set



LICS

Locator® Lab Analog

- Lab analog for Locator Abutment
- Packing unit : 4ea



LAL50S

Locator® Core Tool

- Used for placing and removing the replacement male in the denture cap
- Separated into three pieces and used as a hand driver for Locator Abutment



LCCT

Locator® Torque Driver

- Torque driver for Locator Abutment

Type Short Long



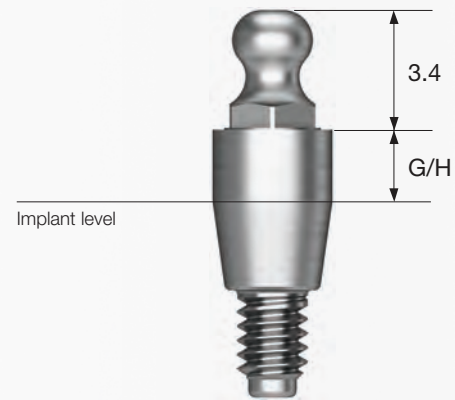
TWLDSK



TWLDLK

O-ring Abutment ^{2007.09}

- Abutment for overdenture using O-ring attachment
- Placement angle compensated up to 20°
- Tightened with a dedicated outer driver (code : AORD)
- Recommended tightening torque: 30Ncm



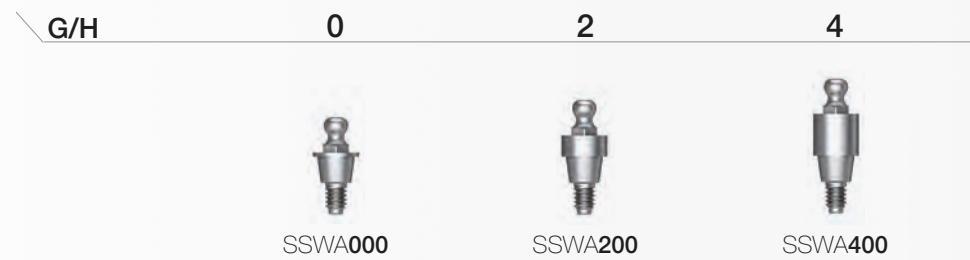
236 P Ø4.8

R



P Ø6.0

W



O-ring Abutment Components

O-ring Retainer Cap Set

- O-ring attachment for O-ring Abutment
- O-ring replaced in a metal housing for use
- Packing unit : retainer cap + o-ring



O-ring Retainer Set

- Used when vertical dimension is shorter than the retainer cap
- Packing unit : retainer cap + o-ring



O-ring Set

- O-ring set
- Packing unit : o-ring 5ea



O-ring Lab Analog

- Lab analog for O-ring Abutment



237





SS SYSTEM

236


SS SYSTEM

OneSeal

- Disposable medical devices for internal filling of abutment
- Cut to desired length for use (medical silicone)
- Packing unit : 5ea
- KS / TS Mini : TSSE2250S
- TS Regular, US Mini : TSSE2350S
- SS Regular, US Regular : SSSE2650S
- US Wide : USSE3050S

H \ D	Ø2.20	Ø2.35	Ø2.65	Ø3.00
Type		Long		
				
50	TSSE2250S	TSSE2350S	SSSE2650S	USSE3050S

OSSTEM[®]
IMPLANT



US SYSTEM

OSSTEM[®]
IMPLANT

IMPLANT

- 244** USII SA Implant
- 246** USII CA Implant
- 248** USIII SA Implant
- 250** USIII CA Implant
- 252** USIV SA Implant
- 254** Simple Mount
- 254** Cover Screw
- 254** Headless Cover Screw
- 255** Healing Abutment

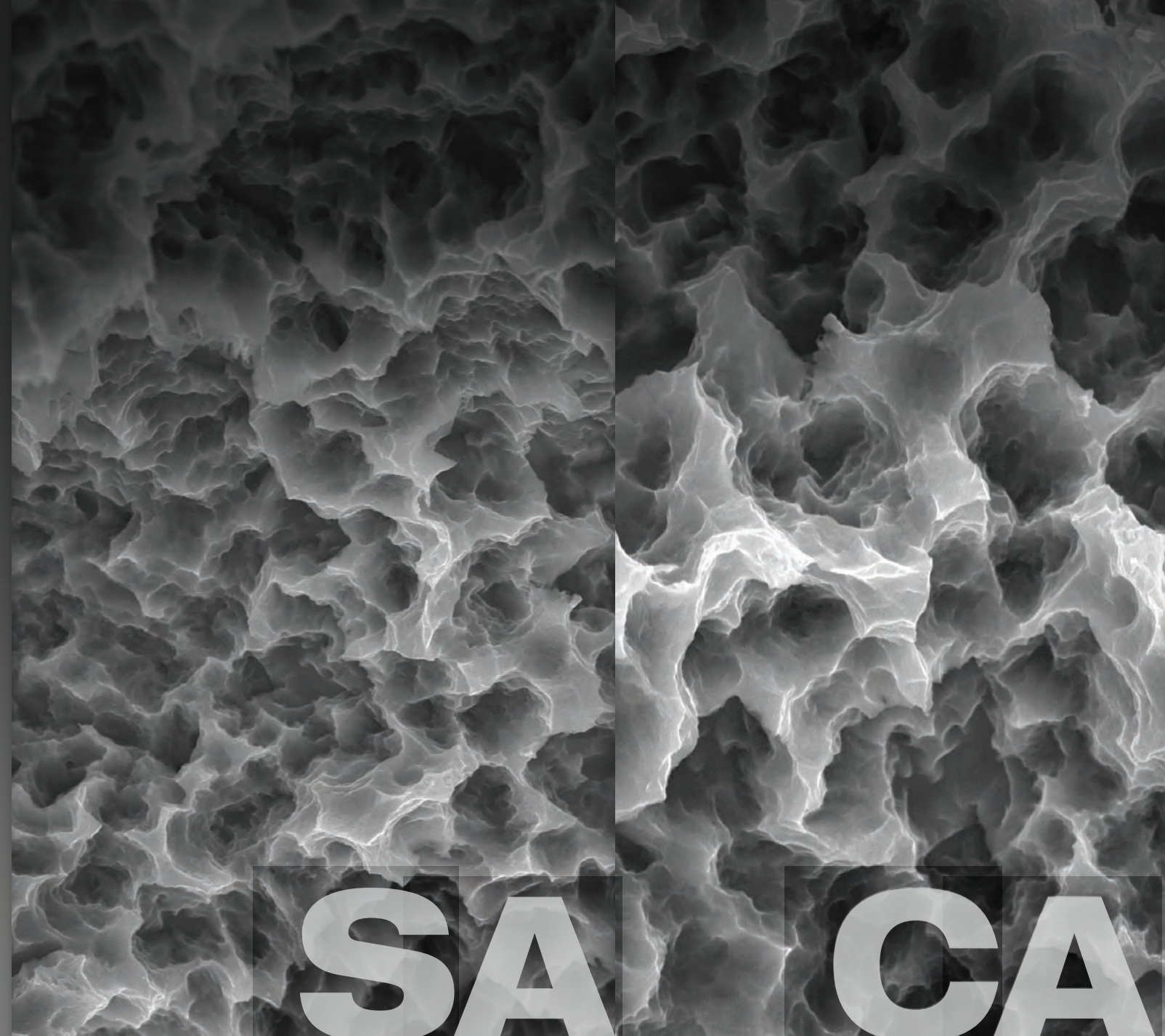
COMPONENTS

- 256** **PROSTHETIC FLOW DIAGRAM 1**
- 257** Cement Abutment
- 263** Angled Abutment
- 265** GoldCast Abutment
- 266** NP-Cast Abutment
- 267** Plastic Abutment
- 268** Temporary Abutment
- 272** Safe Abutment
- 274** **PROSTHETIC FLOW DIAGRAM 2**
- 276** Esthetic Abutment
- 280** Esthetic-low Abutment
- 286** Multi Angled Abutment
- 288** **PROSTHETIC FLOW DIAGRAM 3**
- 289** Port Abutment
- 293** Locator[®] Abutment
- 297** O-ring Abutment
- 299** OneSeal

US Design & Surface Feature



US



Submerged type implant with an external hex connection structure

- Connection - Mini / Regular / Wide / Wide PS
- Corkscrew thread & cutting edge
 - Superior self-threading effect for ease of placement path adjustment
 - Enhanced initial stability in soft bone and application of consistent placement torque according to the drill diameter
- Various body shape options available to match the patient's bone quality and clinical condition
 - USII (straight body) : Ease of placement depth adjustment
 - USIII (1.5° tapered body) : Excellent initial stability needed for immediate loading even in soft bone
 - USIV (6° tapered body) : Specifically designed for use in maxillary sinus and soft bone, providing excellent initial stability
- Applicable surface types - SA / CA



US packaging color information

Optimized surface morphology through acid-etching treatment

- Surface roughness: Ra 2.0-3.0 μ m (Note: the roughness in the upper 0.5mm part is Ra 0.5-0.6 μ m)
- Uniform surface micro-pits of 1~3 μ m
- Surface area increased by 46% compared to resorbable blast media (RBM) treated implants

In-vitro and In-vivo Bone Response

- Osteoblast differentiation and ossification improved by 20% compared to RBM-treated implants
- Initial bone response in a large animal model (mini-pig)
 - Initial stability (removal torque (RT), 4 weeks) improved by 48% compared to RBM-treated implants
 - Ossification (bone implant contact (BIC), 4 weeks) improved by 20% compared to RBM-treated implants

Super-hydrophilic SA surface suspended in a calcium solution

- The same surface morphology as SA surfaces
- Enhancing the chemical activation of the surface suspending in a calcium chloride solution (CaCl₂)
- Increased ossification area with excellent blood wettability
- Bone response improved in early osseointegration stage compared to standard SA surface

In-vitro and In-vivo Bone Response

- Protein and cellular adhesion tripled compared to SA surfaces
- Initial cellular differentiation (7 days) improved by 19% compared to SA surfaces
 - Initial stability (RT, 4 weeks) improved by 34% compared to SA surfaces
 - Ossification (BIC, 4 weeks) improved by 26% compared to SA surfaces

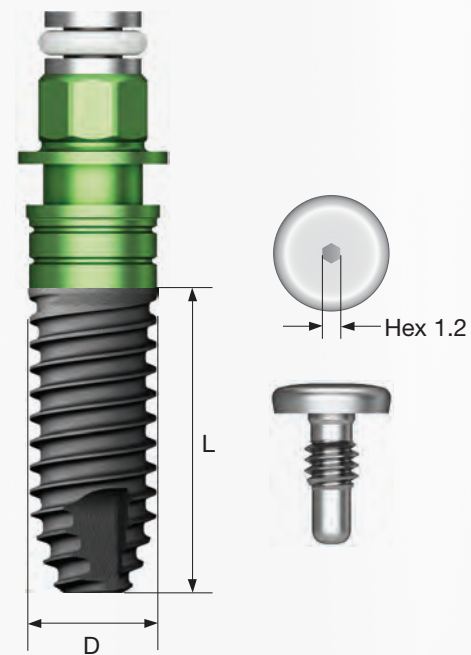
- Submerged type implant with an external hex connection structure
- Optimal thread design for realization of optimal SA surface
- Straight body design for easy adjustment of placement depth
- Superior self-threading effect with corkscrew thread
- Recommended placement torque: ≤40Ncm
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case

NoMount implant order code

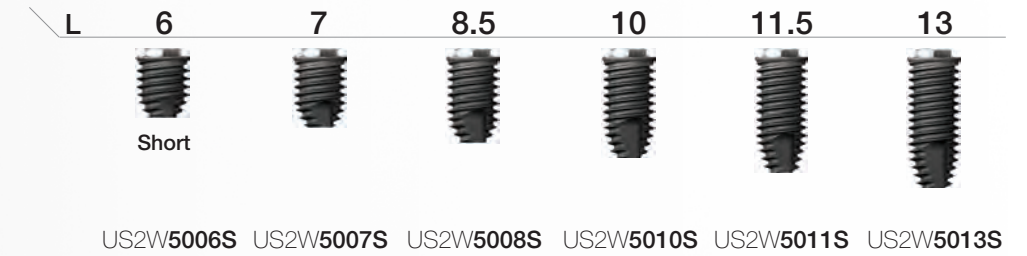
: implant product code (ex : US2R4010S)

Pre-Mounted implant (implant + mount + cover screw) order code

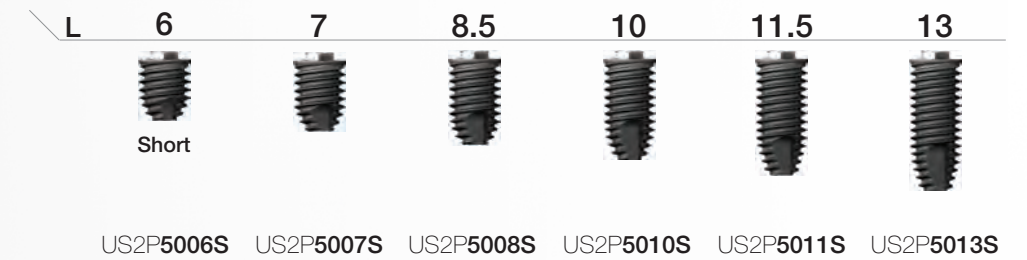
: A + implant product code (ex : AUS2R4010S)



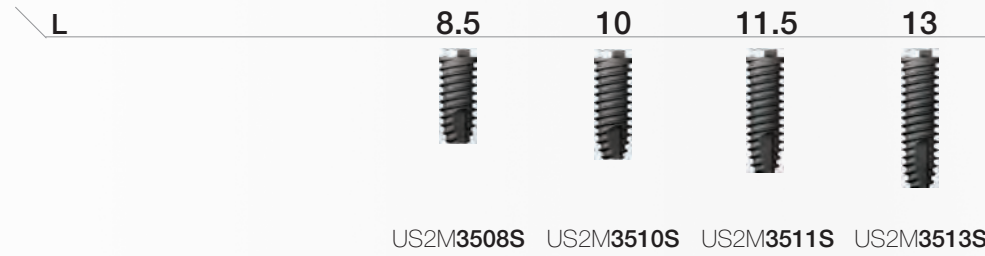
D Ø5.0
P Ø5.1
Hex 3.4



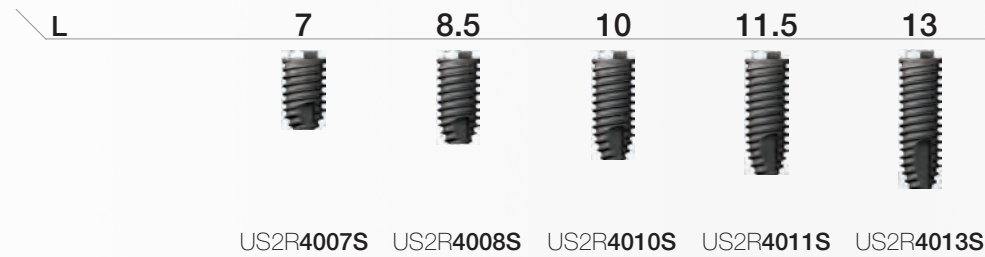
D Ø5.0
P Ø5.0
Hex 2.7



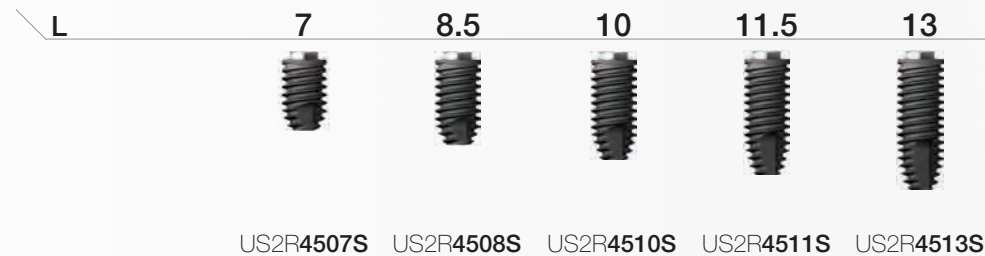
D Ø3.5
P Ø3.5
Hex 2.4



D Ø4.0
P Ø4.1
Hex 2.7



D Ø4.5
P Ø4.1
Hex 2.7



Nominal diameter may differ from the actual diameter of the product

Note Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

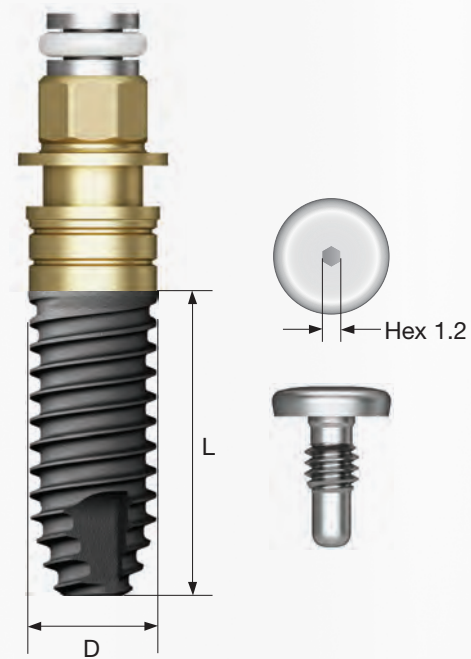
- Submerged type implant with an external hex connection structure
- Super-hydrophilic SA surface suspended in a calcium solution
- Straight body design for easy adjustment of placement depth
- Superior self-threading effect with corkscrew thread

Ultra-wide

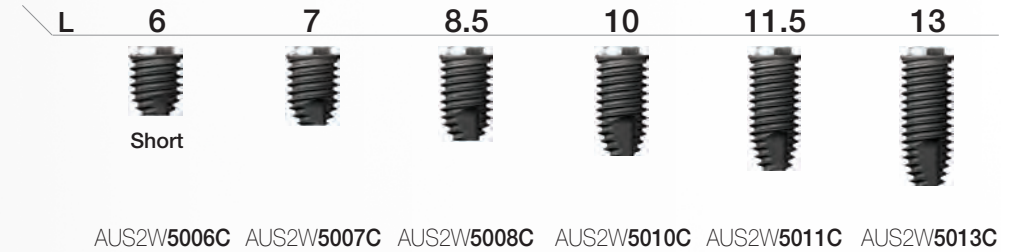
- Useful for placement in a fresh extraction socket in the posterior region, immediate placement case or for replacing a failed implant
- Recommended placement torque: $\leq 40\text{Ncm}$
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case

Pre-Mounted implant (implant + mount + cover screw) order code

: A + implant product code (ex : AUS2R4010C)

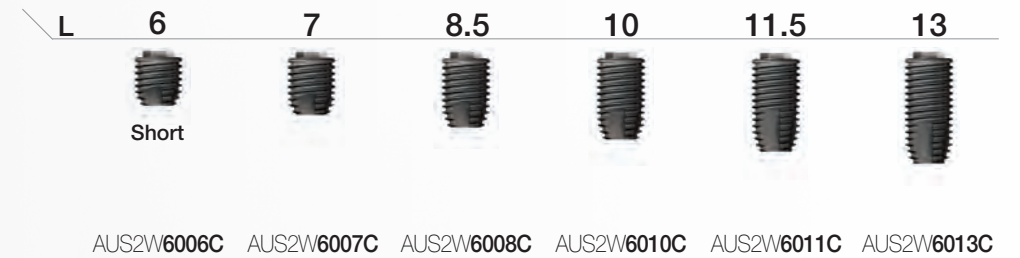


D $\varnothing 5.0$
P $\varnothing 5.1$
Hex 3.4
W

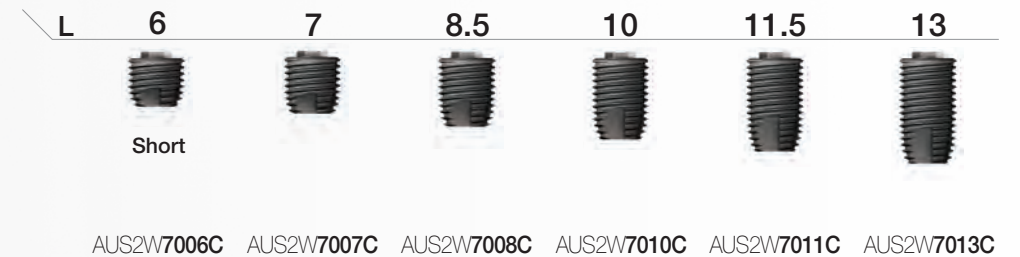


Ultra-wide

D $\varnothing 6.0$
P $\varnothing 5.1$
Hex 3.4
W

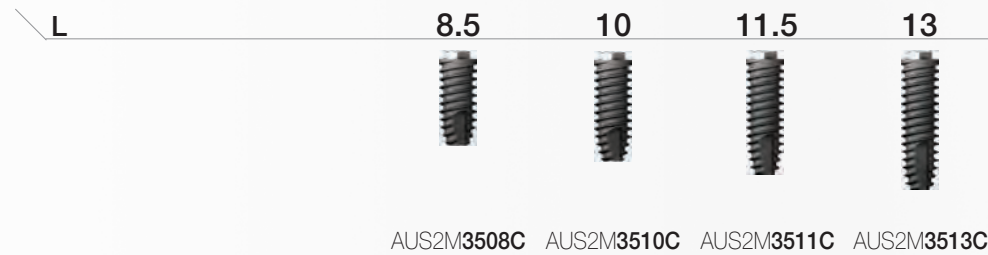


D $\varnothing 7.0$
P $\varnothing 5.1$
Hex 3.4
W

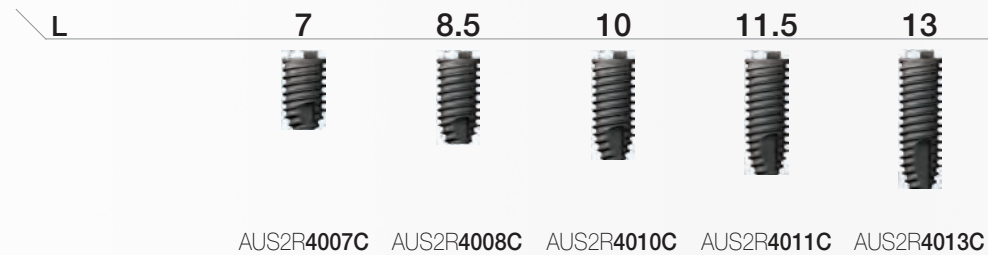


Nominal diameter may differ from the actual diameter of the product
 Note: Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

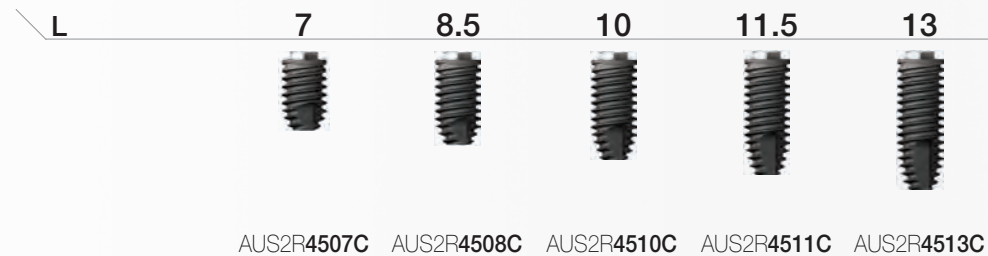
D $\varnothing 3.5$
P $\varnothing 3.5$
Hex 2.4
M



D $\varnothing 4.0$
P $\varnothing 4.1$
Hex 2.7
R



D $\varnothing 4.5$
P $\varnothing 4.1$
Hex 2.7
R



USIII SA Implant 2011.12

- Submerged type implant with an external hex connection structure
- Optimal thread design for realization of optimal SA surface
- Tapered body design for excellent primary stability
- Superior self-threading effect with corkscrew thread
- Excellent initial stability needed for immediate loading even in soft bone

Ultra-wide

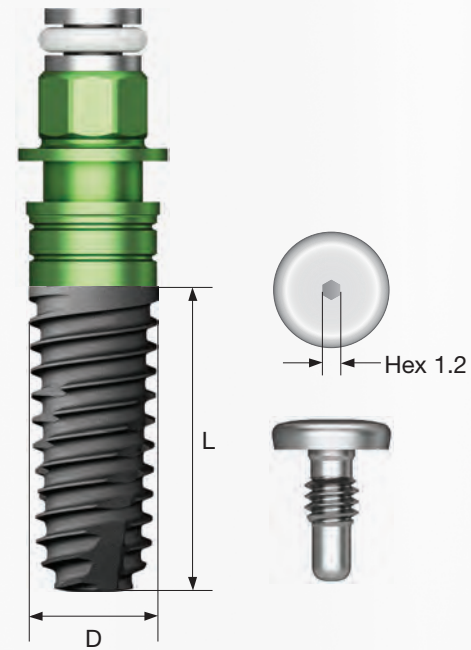
- Useful for placement in a fresh extraction socket in the posterior region, immediate placement case or for replacing a failed implant
- Optimized apex design for excellent initial stability in a fresh extraction socket or in 3mm from the bottom
- Recommended placement torque: $\leq 40\text{Ncm}$
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case

NoMount implant order code

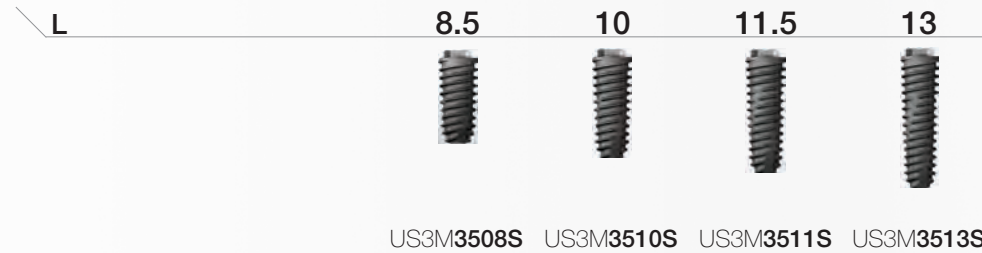
: implant product code (ex : US3R4010S)

Pre-Mounted implant (implant + mount + cover screw) order code

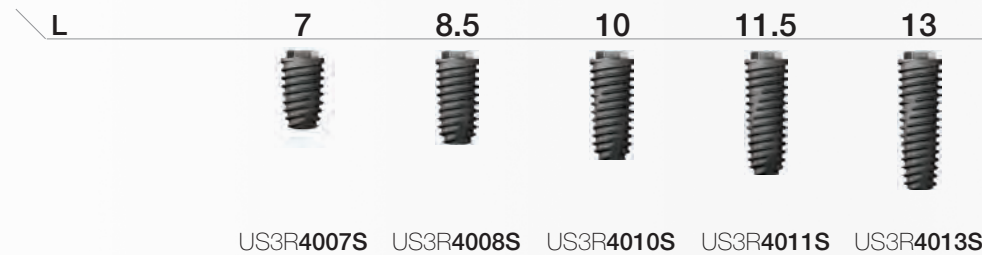
: A + implant product code (ex : AUS3R4010S)



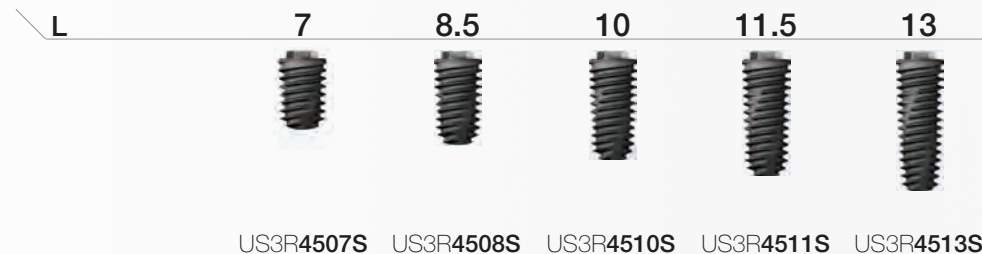
D $\varnothing 3.5$
P $\varnothing 3.5$
Hex 2.4



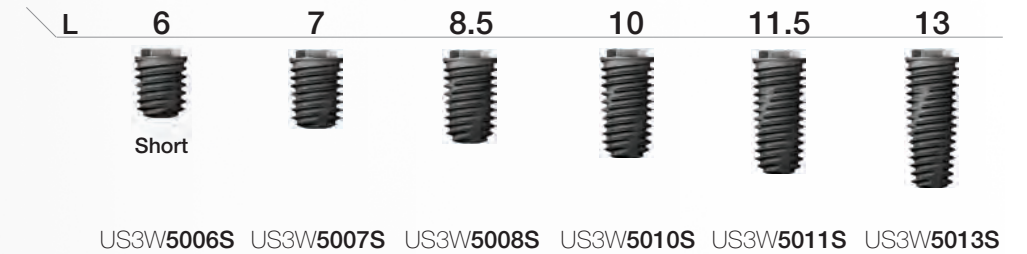
D $\varnothing 4.0$
P $\varnothing 4.1$
Hex 2.7



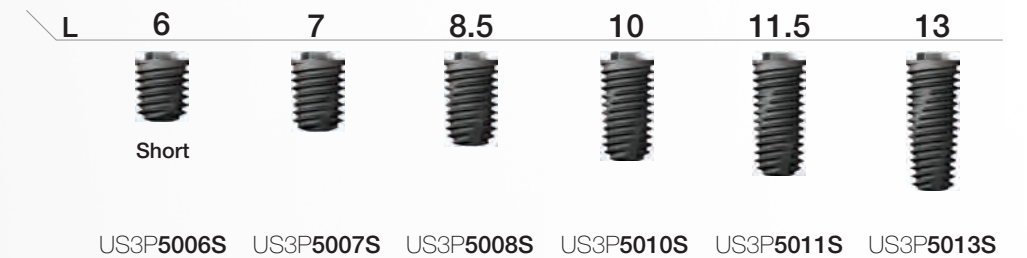
D $\varnothing 4.5$
P $\varnothing 4.1$
Hex 2.7



D $\varnothing 5.0$
P $\varnothing 5.1$
Hex 3.4

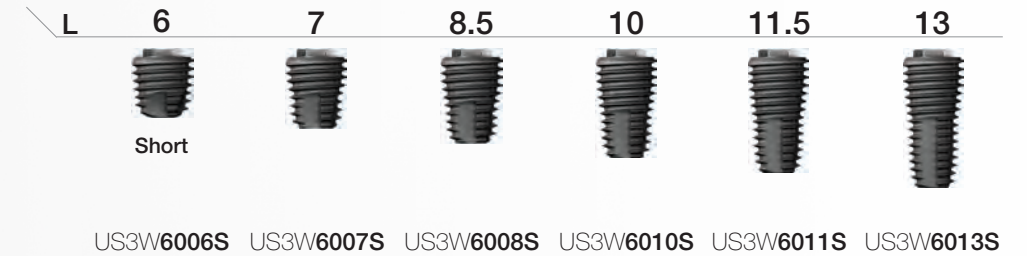


D $\varnothing 5.0$
P $\varnothing 5.0$
Hex 2.7

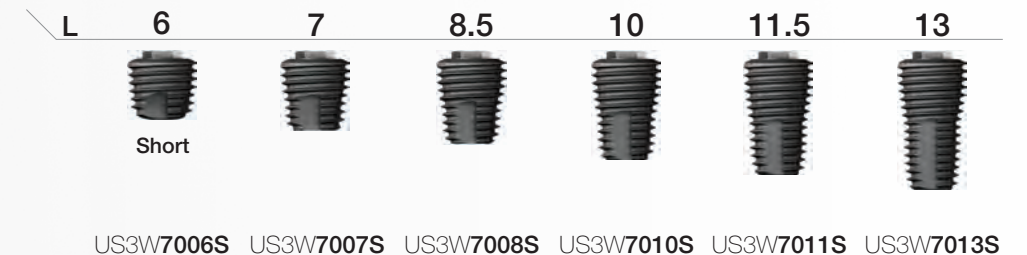


Ultra-wide

D $\varnothing 6.0$
P $\varnothing 5.1$
Hex 3.4



D $\varnothing 7.0$
P $\varnothing 5.1$
Hex 3.4



Nominal diameter may differ from the actual diameter of the product

Note: Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

USIII CA Implant 2015.07

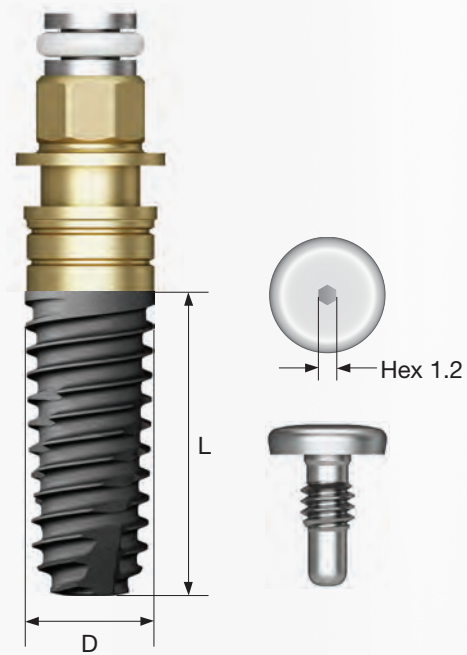
- Submerged type implant with an external hex connection structure
- Super-hydrophilic SA surface suspended in a calcium solution
- Straight body design for easy adjustment of placement depth
- Superior self-threading effect with corkscrew thread
- Excellent initial stability needed for immediate loading even in soft bone

Ultra-wide

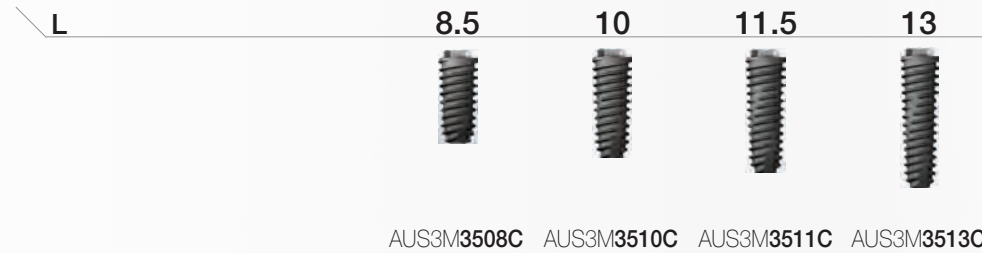
- Useful for placement in a fresh extraction socket in the posterior region, immediate placement case or for replacing a failed implant
- Recommended placement torque: $\leq 40\text{Ncm}$
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case

Pre-Mounted implant (implant + mount + cover screw) order code

: **A** + implant product code (ex : **AUS3R4010C**)

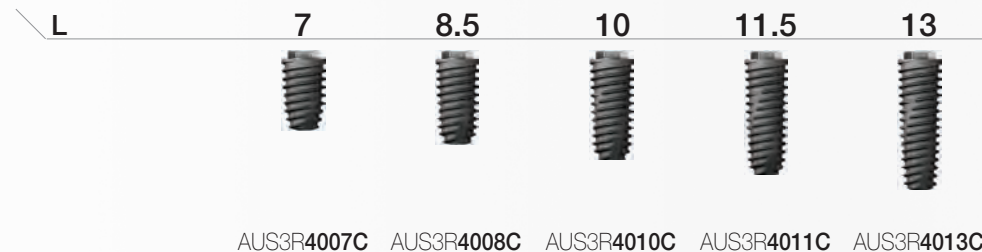


D $\varnothing 3.5$
P $\varnothing 3.5$
Hex 2.4



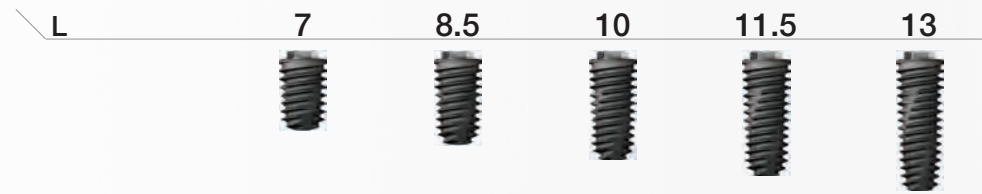
AUS3M3508C AUS3M3510C AUS3M3511C AUS3M3513C

D $\varnothing 4.0$
P $\varnothing 4.1$
Hex 2.7



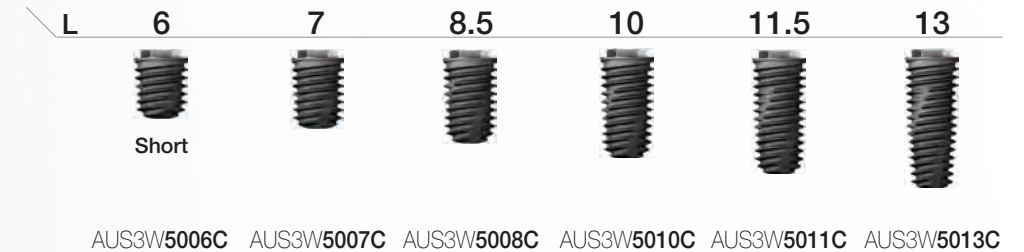
AUS3R4007C AUS3R4008C AUS3R4010C AUS3R4011C AUS3R4013C

D $\varnothing 4.5$
P $\varnothing 4.1$
Hex 2.7



AUS3R4507C AUS3R4508C AUS3R4510C AUS3R4511C AUS3R4513C

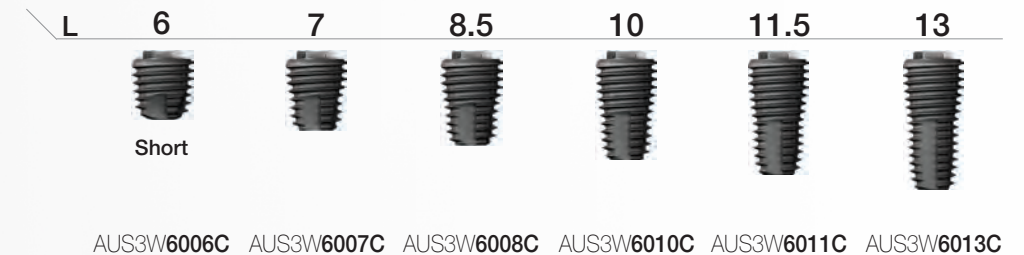
D $\varnothing 5.0$
P $\varnothing 5.1$
Hex 3.4



AUS3W5006C AUS3W5007C AUS3W5008C AUS3W5010C AUS3W5011C AUS3W5013C

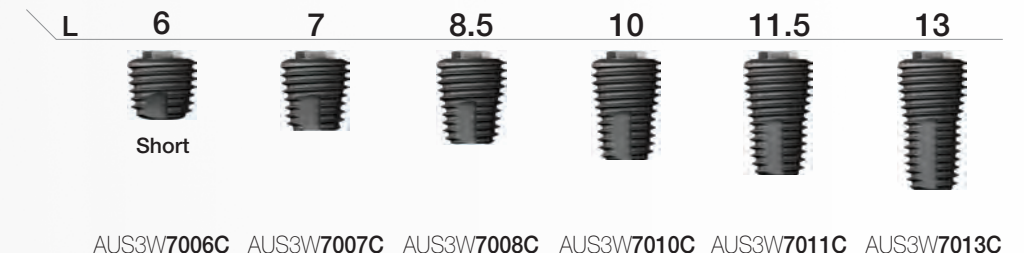
Ultra-wide

D $\varnothing 6.0$
P $\varnothing 5.1$
Hex 3.4



AUS3W6006C AUS3W6007C AUS3W6008C AUS3W6010C AUS3W6011C AUS3W6013C

D $\varnothing 7.0$
P $\varnothing 5.1$
Hex 3.4



AUS3W7006C AUS3W7007C AUS3W7008C AUS3W7010C AUS3W7011C AUS3W7013C

Nominal diameter may differ from the actual diameter of the product

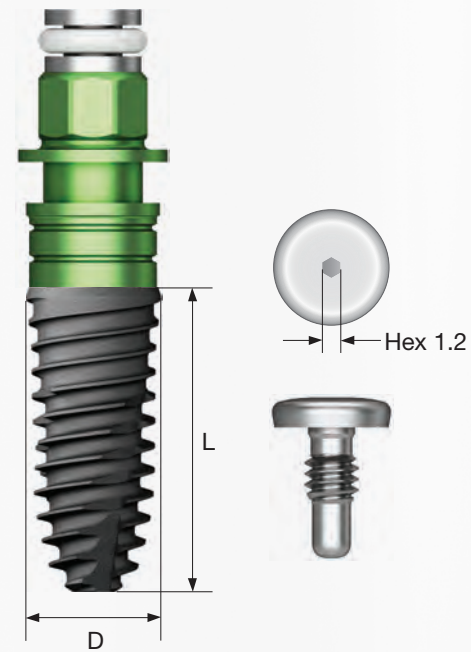
Note Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

USIV SA Implant 2012.06

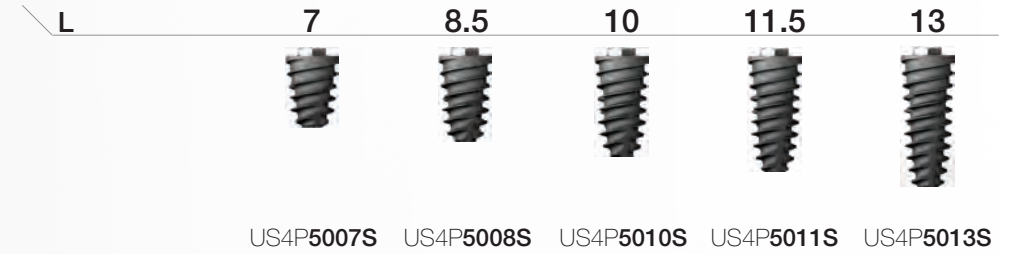
- Submerged type implant with an external hex connection structure
- Optimal thread design for realization of optimal SA surface
- Implant for maxillary sinus and soft bone
- Superior self-threading effect with corkscrew thread
- Sharp apex design allowing placement even after D4 bone
Ø2.0/3.0mm drilling
- Recommended placement torque: ≤40Ncm
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case
- ※ For USIV implant, considering the fast placement speed because of the large thread pitch, reducing the drilling speed to 15rpm or lower is recommended for placement

Pre-Mounted implant (implant + mount + cover screw) order code

: **A** + implant product code (ex : **AUS4R4010S**)

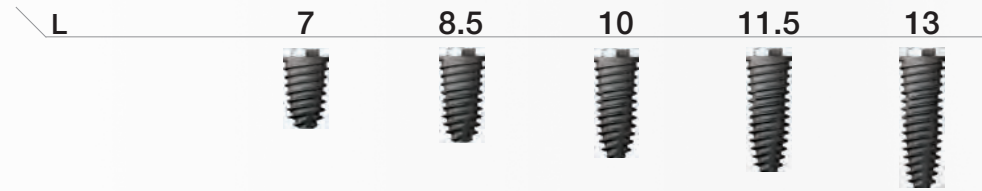


D Ø5.0
P Ø5.0
Hex 2.7
W^{PS}



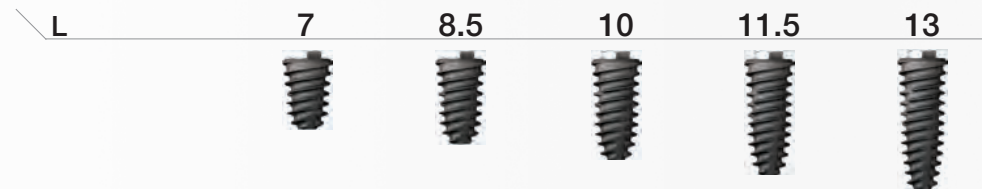
US4P5007S US4P5008S US4P5010S US4P5011S US4P5013S

D Ø4.0
P Ø4.1
Hex 2.7



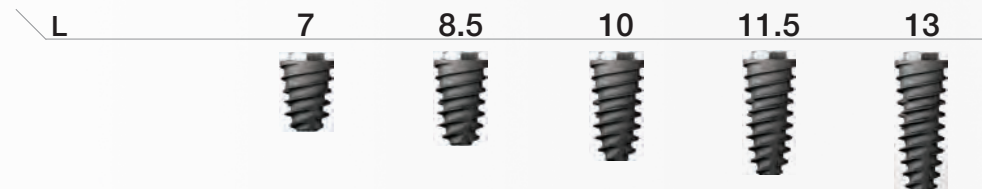
US4R4007S US4R4008S US4R4010S US4R4011S US4R4013S

D Ø4.5
P Ø4.1
Hex 2.7



US4R4507S US4R4508S US4R4510S US4R4511S US4R4513S

D Ø5.0
P Ø5.1
Hex 3.4



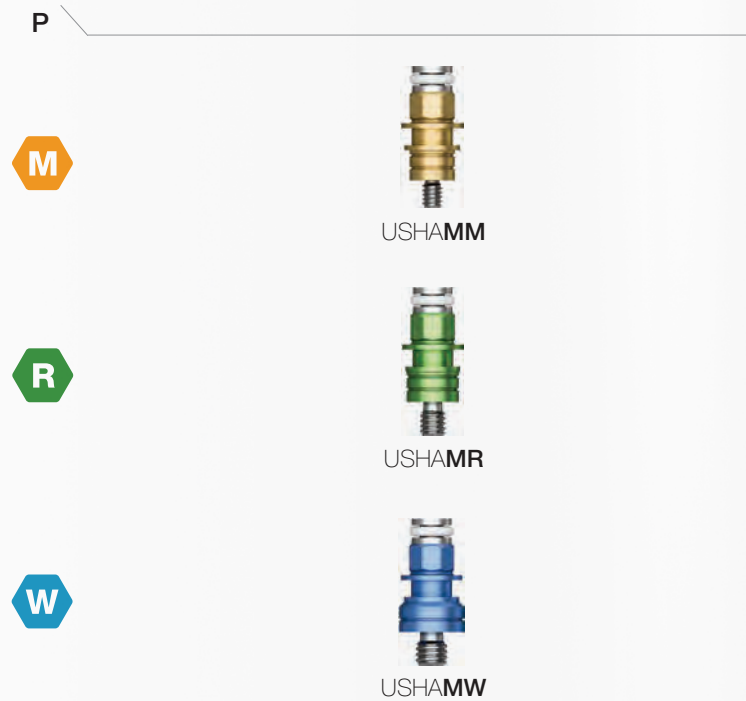
US4W5007S US4W5008S US4W5010S US4W5011S US4W5013S

Nominal diameter may differ from the actual diameter of the product

Simple Mount

- Selected according to the implant platform
- Hand tightened with a 1.2 hex driver
- ※ Disposable: Do not reuse
- P = Platform

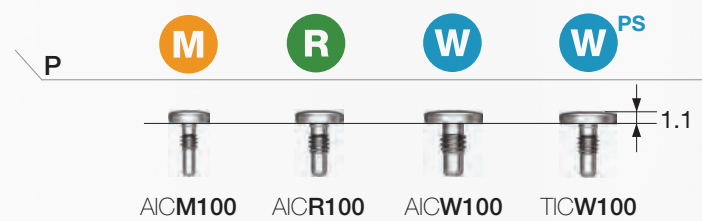
- M** Mini
- R** Regular
- W** Wide



Cover Screw

- Selected according to the implant platform
- Hand tightened with a 0.9 hex(only mini) or 1.2 hex driver
- P = Platform

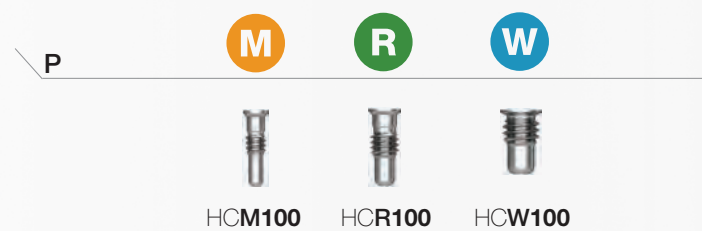
- M** Mini
- R** Regular
- W** Wide



Headless Cover Screw

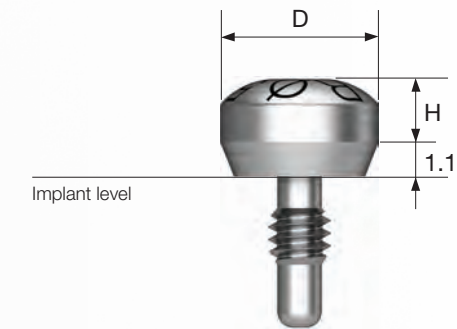
- Used for lack of soft tissue in the suture
- Hand tightened with a 0.9 hex(only mini) or 1.2 hex driver
- P = Platform

- M** Mini
- R** Regular
- W** Wide



- Hex driver : 1.2
- Recommended tightening torque : 5~8Ncm

- M** Mini
- R** Regular
- W** Wide



D \ H	2.0	3.0	4.0	5.5	7.0
-------	-----	-----	-----	-----	-----

Ø 4.0	-	AIHM403	-	AIHM405	-
Ø 5.0	-	AIHM503	-	AIHM505	-

D \ H	2.0	3.0	4.0	5.5	7.0
-------	-----	-----	-----	-----	-----

Ø 4.1 One Piece	-	AIOHR403	-	AIOHR405	AIOHR407
Ø 4.1 Two Piece	-	AIHR403	-	AIHR405	AIHR407
Ø 5.0	AIHR502	AIHR503	AIHR504	AIHR505	AIHR507
Ø 6.0	AIHR602	AIHR603	AIHR604	AIHR605	AIHR607

D \ H	2.0	3.0	4.0	5.5	7.0
-------	-----	-----	-----	-----	-----

Ø 5.1 One Piece	-	AIOHW503	-	AIOHW505	-
Ø 5.1 Two Piece	-	AIHW503	-	AIHW505	-
Ø 6.0	AIHW602	AIHW603	AIHW604	AIHW605	-
Ø 7.0	AIHW702	AIHW703	AIHW704	AIHW705	-
Ø 6.0 PS	-	TIHW603	-	TIHW605	-

Cement / Angled / GoldCast / NP-Cast / Plastic / Temporary / Safe

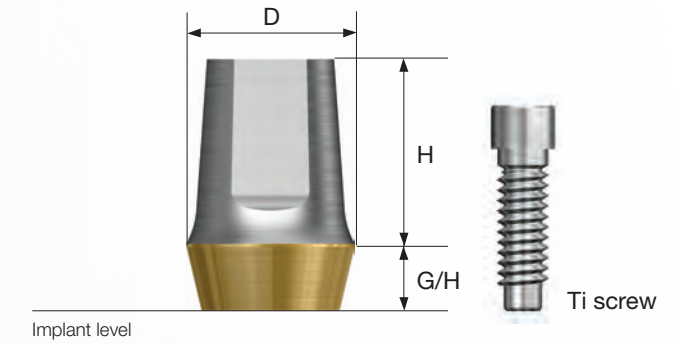
Implant Level Impression



Cement Abutment ^{2007.09}

- Abutment for fabrication of cement-retained/combination prosthesis
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code
: product code + TH (ex : CAR525TH)



D Ø4.0
M
Ti screw : USABSMT

H \ G/H Type	1.0	2.0	3.0	4.0	1.0	2.0	3.0	4.0
	Hex				Non-Hex			
7.0	-	CAM427	-	CAM447	-	CAM427N	-	CAM447N

D Ø4.1
R
Ti screw : ASR200

H \ G/H Type	1.0	2.0	3.0	4.0	1.0	2.0	3.0	4.0
	Hex				Non-Hex			
7.0	-	-	CAR437	-	-	-	CAR437N	-

Cement Abutment 2007.09

D Ø5.0



Ti screw
: ASR200

H	G/H Type	Hex				Non-Hex			
		1.0	2.0	3.0	4.0	1.0	2.0	3.0	4.0
4.0									
5.5									
7.0									

D Ø7.0



Ti screw
: ASW200

H	G/H Type	Hex				Non-Hex			
		1.0	2.0	3.0	4.0	1.0	2.0	3.0	4.0
5.5									

D Ø6.0



Ti screw
: ASR200

H	G/H Type	Hex				Non-Hex			
		1.0	2.0	3.0	4.0	1.0	2.0	3.0	4.0
5.5									

D Ø6.0



Ti screw
: ASR200

H	G/H Type	Hex				Non-Hex			
		1.0	2.0	3.0	4.0	1.0	2.0	3.0	4.0
7.0		-		-		-		-	

D Ø5.1



Ti screw
: ASW200

H	G/H Type	Hex				Non-Hex			
		1.0	2.0	3.0	4.0	1.0	2.0	3.0	4.0
7.0		-	-		-	-		-	-

D Ø6.0



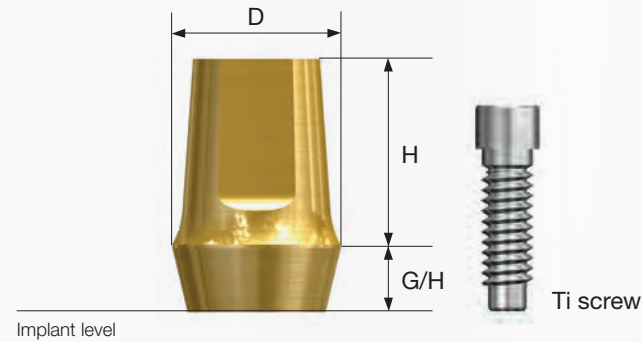
Ti screw
: ASW200

H	G/H Type	Hex				Non-Hex			
		1.0	2.0	3.0	4.0	1.0	2.0	3.0	4.0
4.0									
5.5									
7.0									

Cement ID Abutment 2014.09

• Cement Abutment not covered by insurance

Abutment + Ti screw order code
: product code + TH (ex : BCAR525TH)



D Ø4.0
M
Ti screw : USABSMT

H \ G/H Type	1.0	2.0	3.0	4.0	1.0	2.0	3.0	4.0
	Hex				Non-Hex			
7.0	-	BCAM427	-	BCAM447	-	BCAM427N	-	BCAM447N

D Ø4.1
R
Ti screw : ASR200

H \ G/H Type	1.0	2.0	3.0	4.0	1.0	2.0	3.0	4.0
	Hex				Non-Hex			
7.0	-	-	BCAR437	-	-	-	BCAR437N	-

D Ø5.0



Ti screw : ASR200

H \ G/H Type	1.0	2.0	3.0	4.0	1.0	2.0	3.0	4.0
	Hex				Non-Hex			
4.0	BCAR514	BCAR524	BCAR534	BCAR544	BCAR514N	BCAR524N	BCAR534N	BCAR544N
5.5	BCAR515	BCAR525	BCAR535	BCAR545	BCAR515N	BCAR525N	BCAR535N	BCAR545N
7.0	BCAR517	BCAR527	BCAR537	BCAR547	BCAR517N	BCAR527N	BCAR537N	BCAR547N

D Ø6.0



Ti screw : ASR200

H \ G/H Type	1.0	2.0	3.0	4.0	1.0	2.0	3.0	4.0
	Hex				Non-Hex			
5.5	BCAR615	BCAR625	BCAR635	BCAR645	BCAR615N	BCAR625N	BCAR635N	BCAR645N

D Ø5.1



Ti screw : ASW200

H \ G/H Type	1.0	2.0	3.0	4.0	1.0	2.0	3.0	4.0
	Hex				Non-Hex			
7.0	-	-	BCAW537	-	-	-	BCAW537N	-

D Ø6.0



Ti screw : ASW200

H \ G/H Type	1.0	2.0	3.0	4.0	1.0	2.0	3.0	4.0
	Hex				Non-Hex			
4.0	BCAW614	BCAW624	BCAW634	BCAW644	BCAW614N	BCAW624N	BCAW634N	BCAW644N
5.5	BCAW615	BCAW625	BCAW635	BCAW645	BCAW615N	BCAW625N	BCAW635N	BCAW645N
7.0	BCAW617	BCAW627	BCAW637	BCAW647	BCAW617N	BCAW627N	BCAW637N	BCAW647N

Cement ID Abutment ^{2014.09}

D Ø7.0



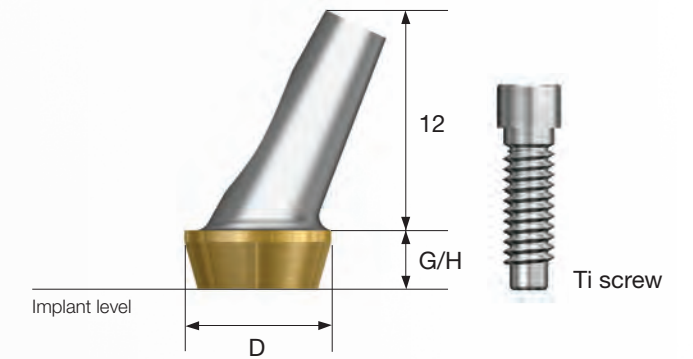
Ti screw
: ASW200

H \ G/H	1.0	2.0	3.0	4.0	1.0	2.0	3.0	4.0
Type	Hex				Non-Hex			
5.5								
	BCAW715	BCAW725	BCAW735	BCAW745	BCAW715N	BCAW725N	BCAW735N	BCAW745N

Angled Abutment ^{2007.09}

- Abutment for fabrication of cement-retained/combination prosthesis
- 15°/25° implant placement angle compensation
- Double hex (dodecagon) structure to overcome restrictions in abutment direction
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code
: product code + TH (ex : AAR5152CTH)



D Ø6.0



Ti screw
: ASR200

H \ G/H	1.0	2.0	3.0	4.0	1.0	2.0	3.0	4.0
Type	Hex				Non-Hex			
7.0	-		-		-		-	
	-	BTCAW627	-	BTCAW647	-	BTCAW627N	-	BTCAW647N

D Ø4.0



Ti screw
: USABSMT

G/H	2.0	4.0	2.0	4.0
Angle	15°		25°	
	AAM4152C	AAM4154C	AAM4252C	AAM4254C

D Ø5.0



Ti screw
: ASR200

G/H	2.0	4.0	2.0	4.0
Angle	15°		25°	
	AAR5152C	AAR5154C	AAR5252C	AAR5254C

D Ø6.0



Ti screw
: ASW200

G/H	2.0	4.0	2.0	4.0
Angle	15°		25°	
	AAW6152C	AAW6154C	AAW6252C	AAW6254C

Angled Abutment 2007.09

D Ø6.0



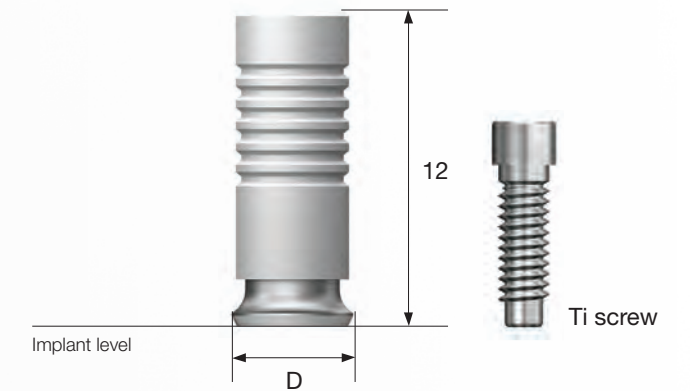
Ti screw
: ASR200

G/H Angle	2.0	4.0	2.0	4.0
	15°		25°	
	TAAW6152C	TAAW6154C	TAAW6252C	TAAW6254C

GoldCast Abutment 2007.09

- Abutment for fabrication of cement-retained/combination/screw-retained prosthesis
- Used for fabrication of customized prosthesis by casting with gold alloys
- Abutment melting temperature: 1,400~1,450°C
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code
: product code + **TH** (ex : GCR200TH)



D Ø4.0



Ti screw
: USABSMT

Type	Hex	Non-Hex
	GCM200	GCM100

D Ø4.5



Ti screw
: ASR200

Type	Hex	Non-Hex
	GCR200	GCR100

D Ø5.5



Ti screw
: ASW200

Type	Hex	Non-Hex
	GCW200	GCW100

D Ø5.5



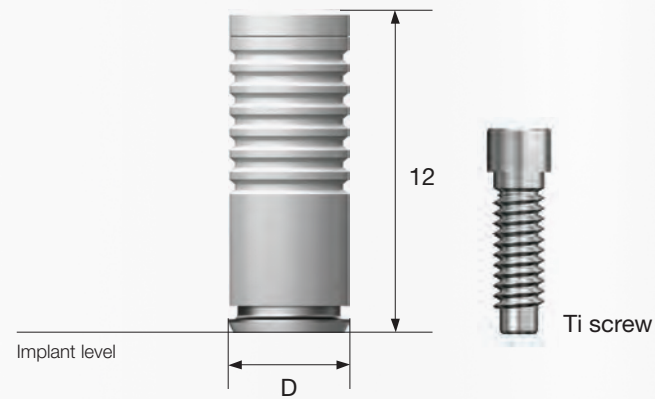
Ti screw
: ASR200

Type	Hex	Non-Hex
	TGCW200	TGCW100

NP-Cast Abutment 2012.04

- Abutment for fabrication of cement-retained/combination/screw-retained prosthesis
- Used for fabrication of customized prosthesis by casting with nonprecious metal alloys
- Abutment melting temperature: 1,400~1,550°C
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 30Ncm
- Packing unit : abutment + Ti screw

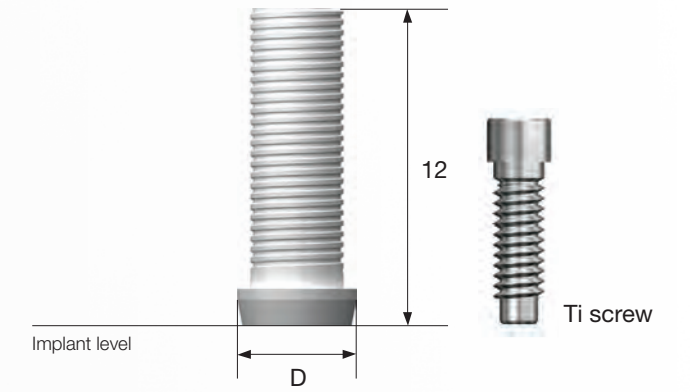
Abutment + Ti screw order code
: product code + **TH** (ex : NCR200**TH**)









Plastic Abutment 2007.09

- Abutment for fabrication of cement-retained/combination/screw-retained prosthesis
- Used for fabrication of customized prosthesis by casting with metal alloys up to the abutment joint
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code
: product code + **TH** (ex : PSR200**TH**)



D Ø4.0  Ti screw : USABSMT	Type Hex Non-Hex		D Ø4.5  Ti Screw : ASR200	Type Hex Non-Hex	
	 NCM200	 NCM100		 NCR200	 NCR100

D Ø5.5  Ti screw : ASW200	Type Hex Non-Hex		D Ø5.5  Ti screw : ASR200	Type Hex Non-Hex	
	 NCW200	 NCW100		 TNCW200	 TNCW100

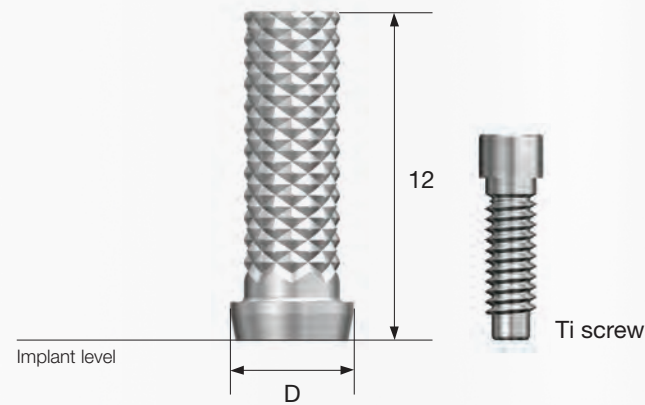
D Ø4.0  Ti screw : USABSMT	Type Hex Non-Hex		D Ø4.5  Ti screw : ASR200	Type Hex Non-Hex	
	 PSM200	 PSM100		 PSR200	 PSR100

D Ø5.5  Ti screw : ASW200	Type Hex Non-Hex		D Ø5.5  Ti screw : ASR200	Type Hex Non-Hex	
	 PSW200	 PSW100		 TPSW200	 TPSW100

Temporary Abutment 2007.09

- Abutment for fabrication of cement-retained/ screw-retained temporary prosthesis
- Removed for fabrication of temporary prosthesis (Ti Gr-3)
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code
: product code + **TH** (ex : TAR200**TH**)



D Ø4.0

M Mini (Yellow)

Ti screw : USABSMT

Type	Hex	Non-Hex
	TAM200	TAM100

D Ø4.5

R Regular (Green)

Ti screw : ASR200

Type	Hex	Non-Hex
	TAR200	TAR100

D Ø5.5

W Wide (Blue)

Ti screw : ASW200

Type	Hex	Non-Hex
	TAW200	TAW100

D Ø5.5^{PS}

W^{PS} Wide (Blue)

Ti screw : ASR200

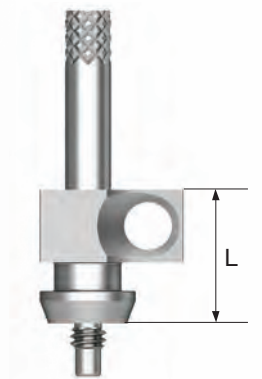
Type	Hex	Non-Hex
	TTAW200	TTAW100

Cement Abutment Components

Implant Pick-Up Impression Coping

- Components for implant level impression taking
- Using open tray
- A unique design stably fixed within the impression body
- Hand tightened with a 1.2 hex driver
- Packing unit : impression coping body + guide pin(*)

- M** Mini (Yellow)
- R** Regular (Green)
- W** Wide (Blue)



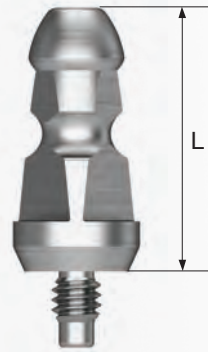
D \ L	7		12		Guide Pin		
	Hex	Non-Hex	Hex	Non-Hex	10	15	17
Ø 4.0	-	-	ICFM400	ICFM400N	-	CSM150	-
Ø 5.0	ICSR500	ICSR500N	ICFR500	ICFR500N	CSR100	CSR150*	CSR170
Ø 6.0	-	-	ICFR600	ICFR600N	-	-	-
Ø 6.0	ICSW600	ICSW600N	ICFW600	ICFW600N	CSW100	CSW150*	-
Ø 6.0 ^{PS}	-	-	TICFW600	TICFW600N	-	TCSW150	-

Cement Abutment Components

Implant Transfer Impression Coping

- Components for implant level impression taking
- Using closed tray
- Triangular arc structure for stable fastening and accurate repositioning
- Hand tightened with a 1.2 hex driver
- Packing unit
 - Hex : impression coping body + guide pin
 - Non-hex : impression coping

- M** Mini (Yellow)
- R** Regular (Green)
- W** Wide (Blue)



D \ L	10.5		13.5	
	Hex	Non-Hex	Hex	Non-Hex
Ø 4.0	ICPM402S	ICPM401S	ICPM402L	ICPM401L
Ø 5.0	ICPR502S	ICPR501S	ICPR502L	ICPR501L
Ø 6.0	ICPW602S	ICPW601S	ICPW602L	ICPW601L
Ø 6.0^{PS}	-	-	TICPW602	TICPW601

Implant Lab Analog

- Lab analog for implant level impression
- Packing unit : lab analog

- M** Mini (Yellow)
- R** Regular (Green)
- W** Wide (Blue)

C	
M	FAM300
R	FAR300
W	FAW300
W^{PS}	TFAW300

Polishing Protector

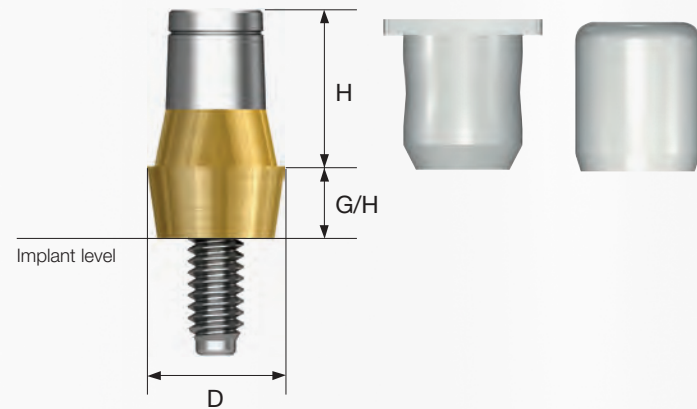
- Protecting the joint in the polishing procedure after fabrication of a prosthesis using Cement Abutment
- Hand tightened with a 1.2 hex driver

- M** Mini (Yellow)
- R** Regular (Green)
- W** Wide (Blue)

C	
M	UPCM100
R	UPCR100
W	UPCW100
W^{PS}	TUPCW100

Safe Abutment 2007.09

- Abutment for fabrication of cement-retained prosthesis
- Structure to minimize screw loosening
- Used without modifying or removing abutment
- Implant/abutment level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 30Ncm
- Packing unit : abutment + Ti screw + carrier cap + protect cap



D Ø4.8



H \ G/H	1.0	2.5	4.0
4.0	 SFAR514SC	 SFAR524SC	 SFAR544SC
5.5	SFAR515SC	SFAR525SC	SFAR545SC
7.0	SFAR517SC	SFAR527SC	SFAR547SC

D Ø6.0

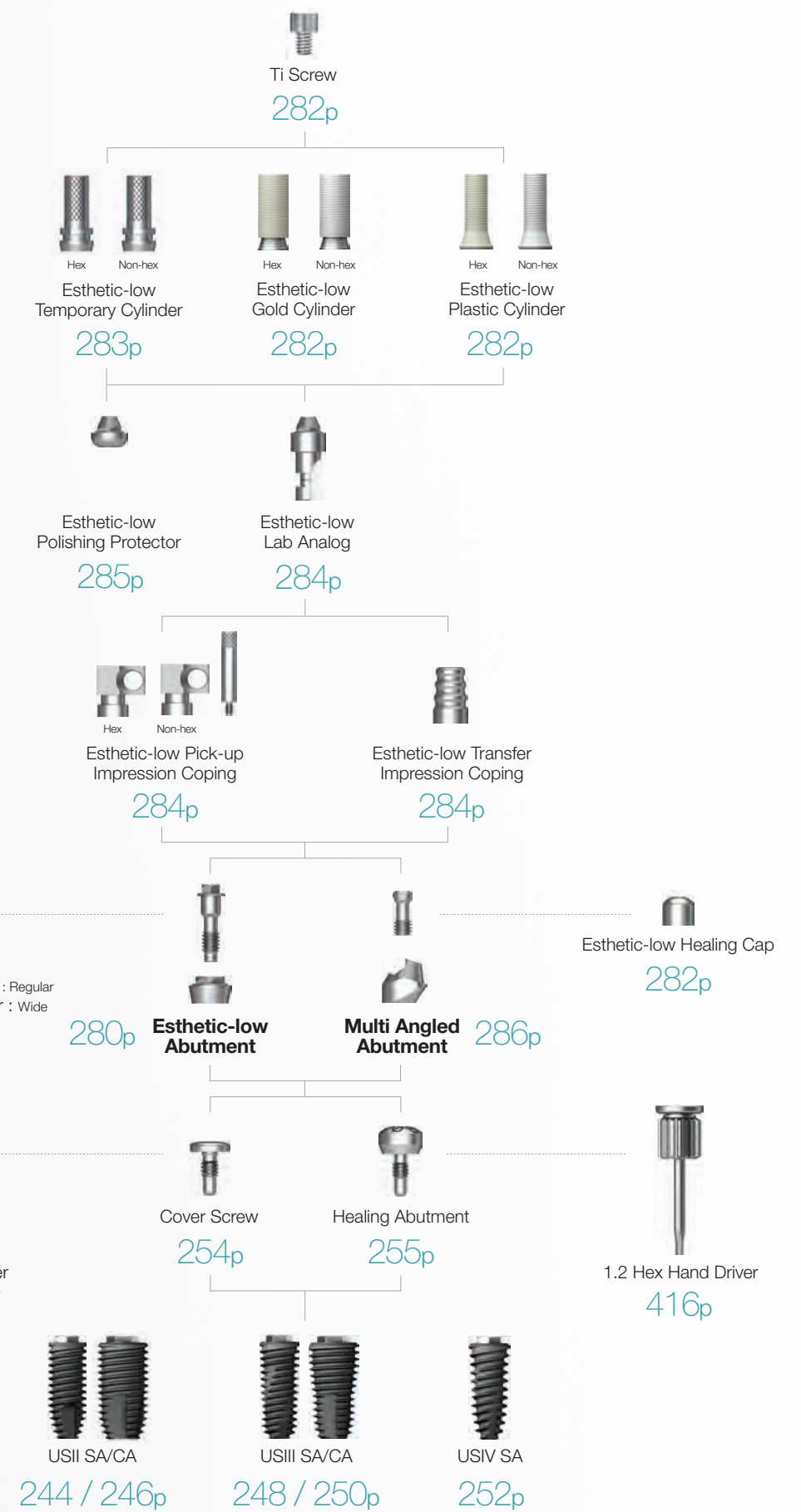
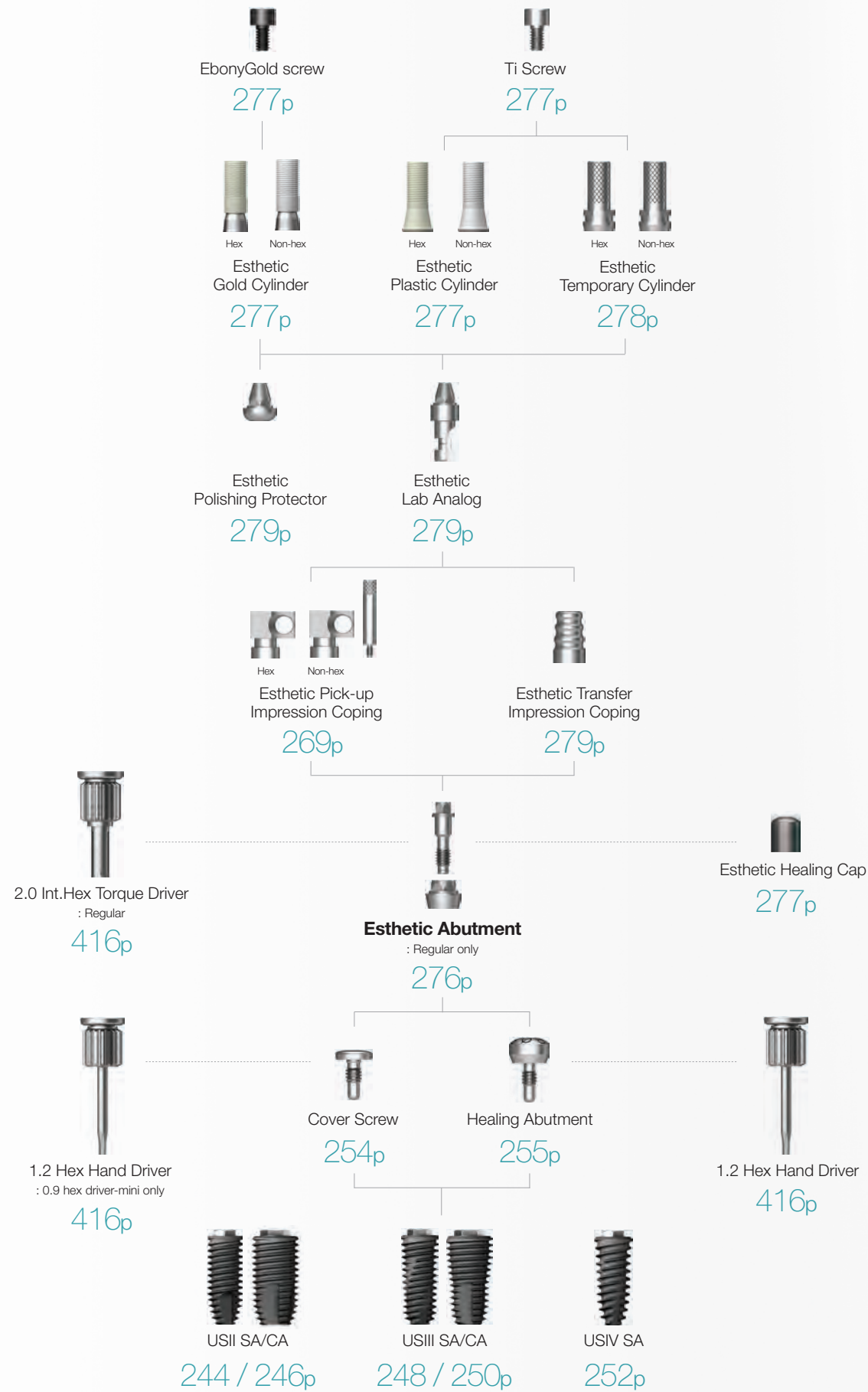


H \ G/H	1.0	2.5	4.0
4.0	 SFAW614SC	 SFAW624SC	 SFAW644SC
5.5	SFAW615SC	SFAW625SC	SFAW645SC

OSSTEM[®]
IMPLANT

Esthetic / Esthetic-low / Multi Angled

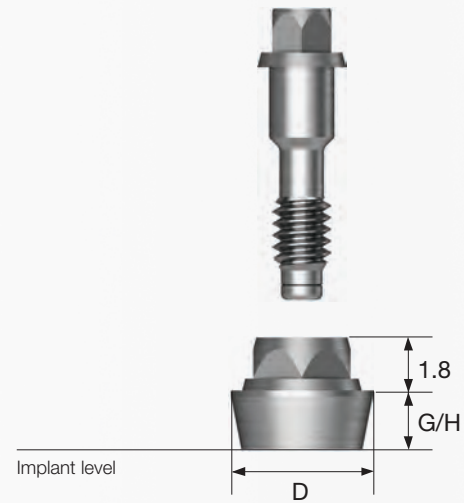
Abutment Level Impression



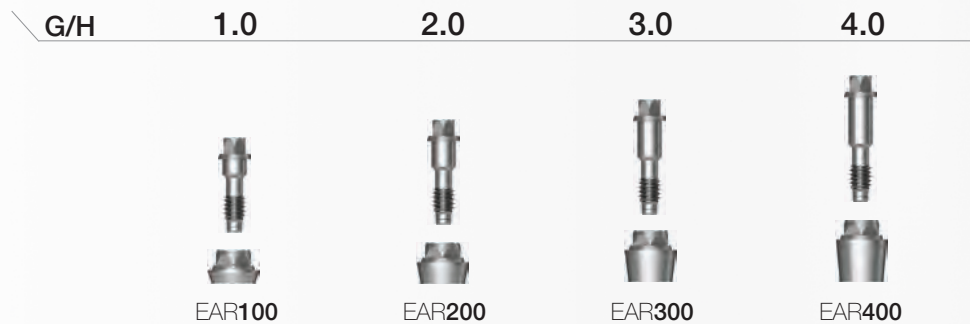
Esthetic Abutment ^{2007.09}

- Used for fabrication of screw-retained prosthesis in multiple case
- Moving the prosthesis joint upward to the soft tissue
- Abutment level impression
- Implant placement angle compensated up to 30°
- Tightened with a dedicated outer driver (code : TIHD20L/TIHD20S)
- Recommended tightening torque : 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code
: product code + **TH** (ex : EAR200**TH**)



D Ø4.8

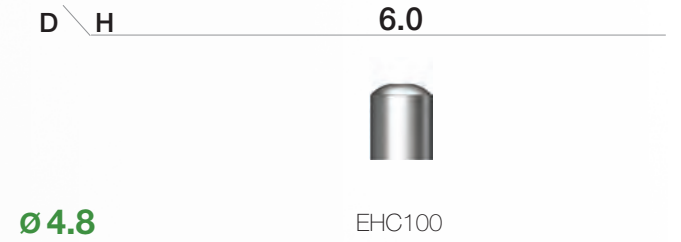


Esthetic Abutment Components

Esthetic Healing Cap

- Protect cap for Esthetic Abutment
- Hand tightened with a 1.2 hex driver

R Regular



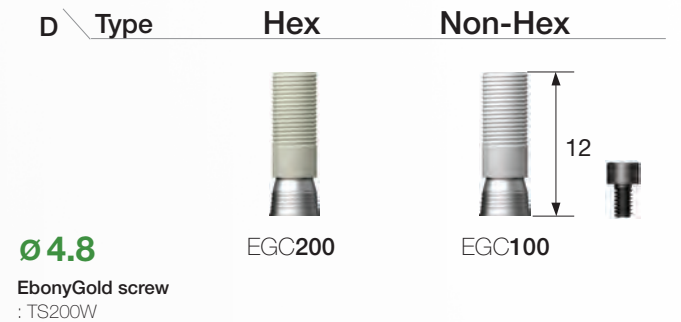
Ø4.8

Esthetic Gold Cylinder

- Used for fabrication of screw-retained prosthesis in esthetic abutment
- Used for fabrication of customized prosthesis by casting with gold alloys
- Cylinder melting temperature: 1,400~1,450°C
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm
- Packing unit : cylinder + EbonyGold cylinder screw

Cylinder + EbonyGold screw order Code
: product code + **WH** (ex : EGC200**WH**)

R Regular



Ø4.8

EbonyGold screw
: TS200W

Esthetic Plastic Cylinder

- Used for fabrication of screw-retained prosthesis in esthetic abutment
- Used for fabrication of customized prosthesis by casting with nonprecious metal alloys
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm
- Packing unit : cylinder + Ti cylinder screw

Cylinder + Ti Screw order code
: product code + **TH** (ex : ETT200**TH**)

R Regular



Ø4.8

Ti screw
: TS200

Esthetic Abutment Components

Esthetic Temporary Cylinder

- Used for fabrication of temporary prosthesis in esthetic abutment (Ti Gr-3)
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm
- Packing unit : cylinder + Ti cylinder screw

Cylinder + Ti screw order code
: product code + TH (ex : ETT200TH)

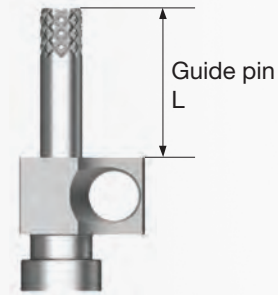
R Regular

D \ Type	Hex	Non-Hex
Ø 4.8	 ETT200	 ETT100
	Ti screw : TS200	

Esthetic Pick-up Impression Coping

- Pick up impression coping for Esthetic Abutment
- Hand tightened with a 1.2 hex driver
- Packing unit : impression coping body + guide pin(*)

R Regular



D \ L	Hex		Non-Hex			
	5	10	12	15	Guide Pin	
Ø 4.8	 ESR200	 ESR100	 GP100	 GP150*	 GP170	 GP200

Esthetic Transfer Impression Coping

- Transfer impression coping for Esthetic Abutment
- Hand tightened with a 1.2 hex driver

R Regular

D \ H	8.0
Ø 4.8	 ETR100

Esthetic Lab Analog

- Lab analog for Esthetic Abutment
- Hand tightened with a 1.2 hex driver

R Regular

D	
Ø 4.8	 ERR300

Esthetic Polishing Protector

- Protecting the joint in the polishing procedure after fabrication of a prosthesis using esthetic GoldCast/ plastic cylinder
- Hand tightened with a 1.2 hex driver

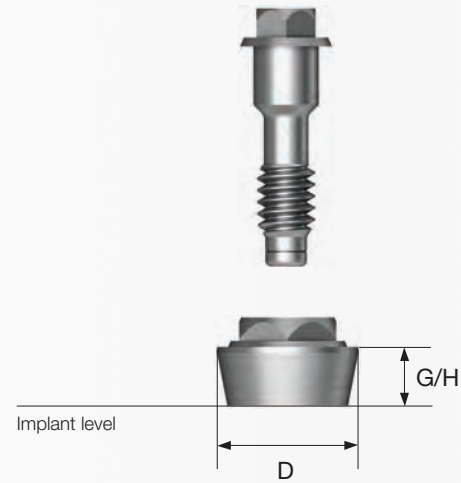
R Regular

D	
Ø 4.8	 EPCR100

Esthetic-low Abutment 2007.09

- Used for fabrication of screw-retained prosthesis in multiple case
- Moving the prosthesis joint upward to the soft tissue
- Abutment level impression
- Implant placement angle compensated up to 48°
- Tightened with a dedicated outer driver
 - Regular : 2.0 internal hex driver (code : TIHD20S/TIHD20L)
 - Wide : 2.7 internal hex driver (code : TIHD27)
- Recommended tightening torque : 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code
: product code + **TH** (ex : MER200**TH**)



D Ø4.8



G/H	1.0	2.0	3.0	4.0	5.0
					-
	MEM100	MEM200	MEM300	MEM400	-

D Ø4.8



G/H	1.0	2.0	3.0	4.0	5.0
	MER100	MER200	MER300	MER400	MER500

D Ø5.5



G/H	1.0	2.0	3.0	4.0
	MEW100	MEW200	MEW300	MEW400

D Ø5.5



G/H	1.0	2.0	3.0	4.0
	TMEW100	TMEW200	TMEW300	TMEW400

Esthetic-low Abutment Components

Esthetic-low Healing Cap

- Protect cap for Esthetic-low Abutment
- Hand tightened with a 1.2 hex driver

- M** Mini
- R** Regular
- W** Wide

D \ H 6.0

Ø 4.8 / Ø 4.8
Ø 5.5 / Ø 5.5 PS



MHCR100
MHCW100

Esthetic-low Gold Cylinder

- Used for fabrication of screw-retained prosthesis in Esthetic-low Abutment
- Used for fabrication of customized prosthesis by casting with gold alloys
- Cylinder melting temperature: 1,400~1,450°C
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm
- Packing unit : cylinder + Ti cylinder screw

D \ Type Hex Non-Hex

Ø 4.8 / Ø 4.8
Ø 5.5 / Ø 5.5 PS



MGR200
MGW200



MGR100
MGW100

Ti screw
: MTS200 (Ø 4.8 / Ø 4.8)
: WTS200 (Ø 5.5 / Ø 5.5PS)

Cylinder + Ti screw order code
: product code + TH (ex : MGR200TH)

- M** Mini
- R** Regular
- W** Wide

Esthetic-low Plastic Cylinder

- Used for fabrication of screw-retained prosthesis in Esthetic-low Abutment
- Used for fabrication of customized prosthesis by casting with nonprecious metal alloys
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm
- Packing unit : cylinder + Ti cylinder screw

D \ Type Hex Non-Hex

Ø 4.8 / Ø 4.8
Ø 5.5 / Ø 5.5 PS



MEPR200
MEPW200



MEPR100
MEPW100

Ti screw
: MTS200 (Ø 4.8 / Ø 4.8)
: WTS200 (Ø 5.5 / Ø 5.5PS)

Cylinder + Ti screw order code
: Product code + TH (ex : MEPR200TH)

- M** Mini
- R** Regular
- W** Wide

Esthetic-low Temporary Cylinder

Standard Type

- Used for fabrication of temporary prosthesis in Esthetic-low Abutment (Ti Gr-3)
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm
- Packing unit : cylinder + Ti cylinder screw

Cylinder + Ti screw order code
: product code + TH (ex : MTR200TH)

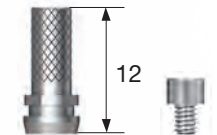
- M** Mini
- R** Regular
- W** Wide

D \ Type Hex Non-Hex

Ø 4.8 / Ø 4.8
Ø 5.5 / Ø 5.5 PS



MTR200
MTW200



MTR100
MTW100

Ti screw
: MTS200 (Ø 4.8 / Ø 4.8)
: WTS200 (Ø 5.5 / Ø 5.5PS)

Narrow Type

- Used for fabrication of temporary prosthesis in Esthetic-low Abutment (Ti Gr-3)
- Suitable for overdenture with a thinner diameter compared to the standard type
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm
- Packing unit : cylinder + Ti cylinder screw

Cylinder + Ti screw order code
: product code + TH (ex : NMTR200TH)

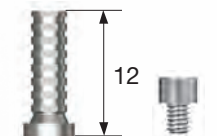
- M** Mini
- R** Regular
- W** Wide

D \ Type Hex Non-Hex

Ø 4.8 / Ø 4.8
Ø 5.5 / Ø 5.5 PS



NMTR200
NMTW200



NMTR100
NMTW100

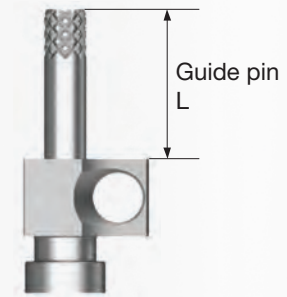
Ti screw
: MTS200 (Ø 4.8 / Ø 4.8)
: WTS200 (Ø 5.5 / Ø 5.5PS)

Esthetic-low Abutment Components

Esthetic-low Pick-up Impression Coping

- Components for implant level impression taking
- Pick up impression coping for esthetic-low abutment
- Hand tightened with a 1.2 hex driver
- Packing unit : impression coping body + guide pin(*)

- M** Mini
- R** Regular
- W** Wide



D \ L	Hex		Non-Hex		Guide Pin			
					5	10	12	15
	$\varnothing 4.8 / \varnothing 4.8$ $\varnothing 5.5 / \varnothing 5.5_{PS}$				GPW100	GPW150*	-	-

Esthetic-low Polishing Protector

- Protecting the joint in the polishing procedure after producing a prosthesis using esthetic GoldCast/plastic cylinder
- Hand tightened with a 1.2 hex driver

- M** Mini
- R** Regular
- W** Wide

$\varnothing 4.8 / \varnothing 4.8$
 $\varnothing 5.5 / \varnothing 5.5_{PS}$



MPCR100
MPCW100

Esthetic-low Transfer Impression Coping

- Transfer impression coping for esthetic-low abutment
- Hand tightened

- M** Mini
- R** Regular
- W** Wide

D \ H	8.0
	$\varnothing 4.8 / \varnothing 4.8$ $\varnothing 5.5 / \varnothing 5.5_{PS}$
	MTTR100 MTTW100

Esthetic-low Lab Analog

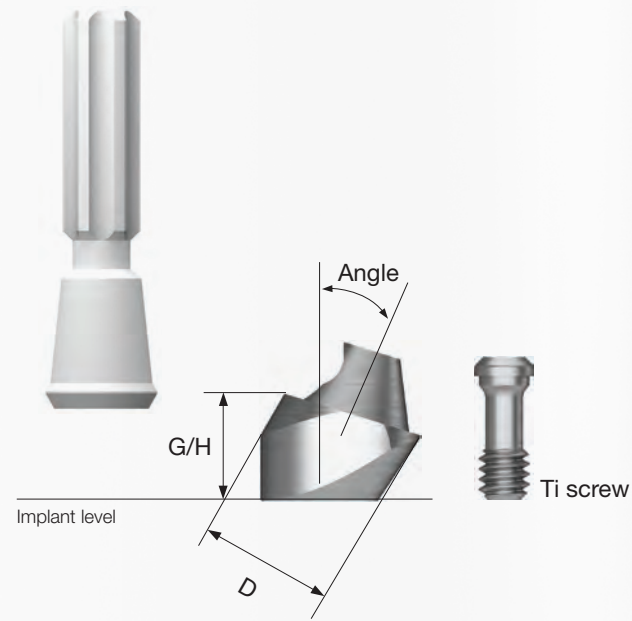
- Lab analog for esthetic-low abutment
- Hand tightened with a 1.2 hex driver

- M** Mini
- R** Regular
- W** Wide

D	
	$\varnothing 4.8 / \varnothing 4.8$ $\varnothing 5.5 / \varnothing 5.5_{PS}$
	MERR300 MERW300

Multi Angled Abutment ^{2013.01}

- Used for fabrication of screw-retained prosthesis in multiple case
- Implant placement angle compensated up to 108°
- The same platform as Esthetic-low Abutment
- Producing prosthesis using US Esthetic-low Cylinder (regular/non-hex)
- Using dedicated abutment screws
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm(mini), 30Ncm(regular)
- Packing unit : abutment + Ti screw



Abutment + Ti screw + Carrier order code
: product code + **TH** (ex : US17MAR4830**TH**)

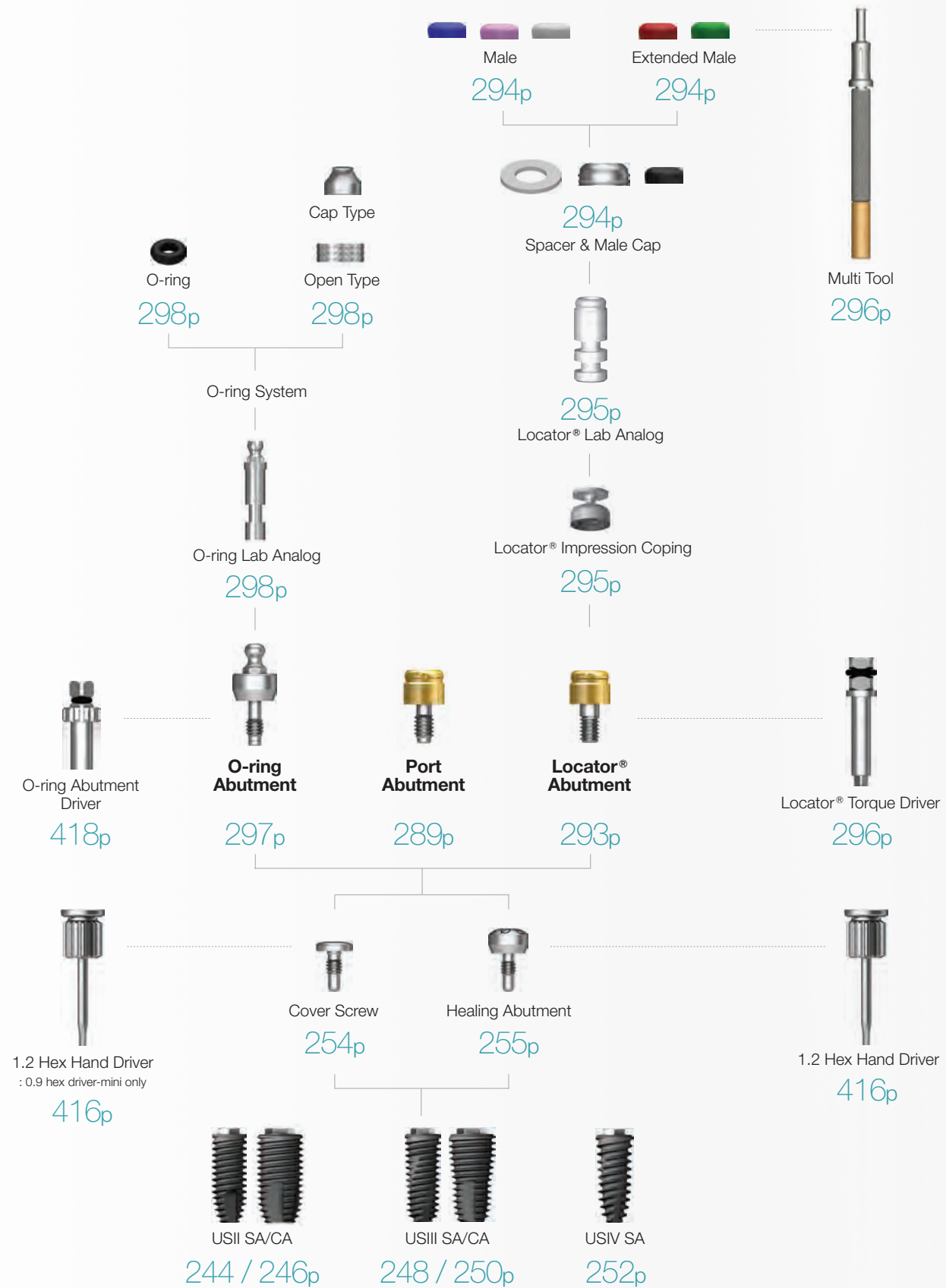
D Ø4.8	G/H	2.0	3.0	4.0	3.0	4.0	5.0
	Angle		17°			30°	
M							
Ti screw : USMABSM		US17MAM4820	US17MAM4830	-	-	-	-

D Ø4.8	G/H	2.0	3.0	4.0	3.0	4.0	5.0
	Angle		17°			30°	
R							
Ti screw : USMABSR		US17MAR4820	US17MAR4830	US17MAR4840	US30MAR4830	US30MAR4840	US30MAR4850



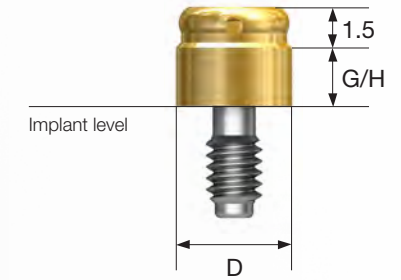
Port / Locator® / O-ring

Overdenture



Port Abutment ^{2010.01}

- Implant placement angle compensated up to 40°
- 1.5mm low vertical dimension, attachment of various and stable Retention force
- Tightened with a dedicated outer driver (code : TWLDLK/TWLDLSK)
- Recommended tightening torque : 30Ncm



D Ø3.5

M

G/H	1.0	2.0	3.0	4.0
	USPTA3510M	USPTA3520M	USPTA3530M	USPTA3540M
G/H	5.0	6.0	7.0	
	USPTA3550M	USPTA3560M	USPTA3570M	

D Ø4.1

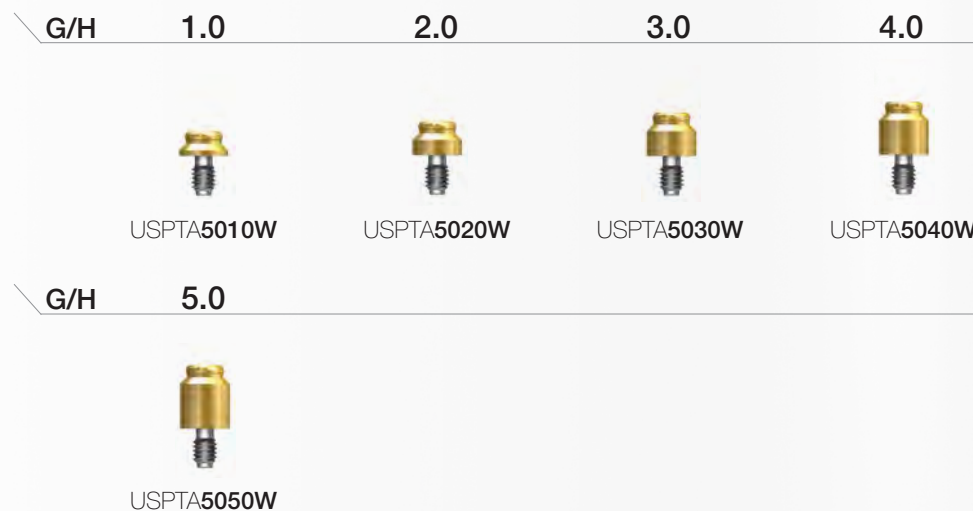
R

G/H	1.0	2.0	3.0	4.0
	USPTA4010R	USPTA4020R	USPTA4030R	USPTA4040R
G/H	5.0	6.0	7.0	
	USPTA4050R	USPTA4060R	USPTA4070R	

Port Abutment ^{2010.01}

D Ø5.0

W



Port Abutment Components

Port Male KIT

- Components
 - Block out spacer / denture cap connected black processing male
 - Replacement male blue/pink/clear
- Used by selecting the male with adequate retention force for each case
- Using a locator core tool for replacing the male
- Packing unit : 1set



Port Replacement Male

- Retention force : Approx. 6N
- Placement angle compensated up to 20°
- Packing unit : 4ea

- Retention force : Approx. 12N
- Placement angle compensated up to 20°
- Packing unit : 4ea

- Retention force : Approx. 22N
- Placement angle compensated up to 20°
- Packing unit : 4ea



Port Extended Replacement Male

- Retention force : Approx. 6N
- Placement angle compensated up to 20~40°
- Packing unit : 4ea

- Retention force : Approx. 12N
- Placement angle compensated up to 20~40°
- Packing unit : 4ea



Port Black Processing Male

- Male used only in prosthesis fabrication process
- Packing unit : 4ea



Port Abutment Components

Port Male Cap

- Fixed to the denture by connecting with the male
- Packing unit : 1ea



PTCMC

Port Block Out Spacers

- Used for sealing of the space between the abutment and the denture cap when attaching the overdenture and denture cap in the oral cavity
- Packing unit : 20ea



PTCSS

Port Impression Coping

- Pick up impression coping for Locator Abutment
- Using closed tray
- Packing unit : Impression coping + Provisional male 1set



PTCIC

Port Lab Analog

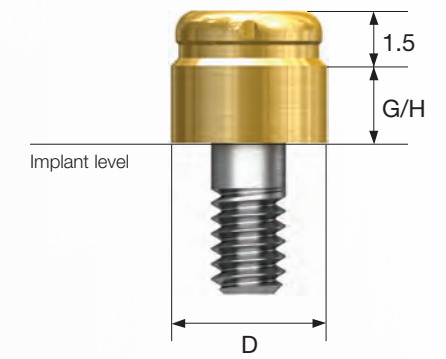
- Lab analog for Locator Abutment
- Packing unit : 1ea



PTCLA40

Locator® Abutment ^{2010.01}

- Locator Abutment for US of Zest Dental Solutions
- Implant placement angle compensated up to 40°
- Vertical dimension lower by 1.5mm, construction of various attachments with stable retention force
- Tightened with a dedicated outer driver (code : TWLDLK/TWLDLSK)
- Recommended tightening torque : 30Ncm



D Ø3.5

M

G/H	1.0	2.0	3.0	4.0	5.0
	HULCA3510M	HULCA3520M	HULCA3530M	HULCA3540M	HULCA3550M

D Ø4.1

R

G/H	1.0	2.0	3.0	4.0	5.0
	HULCA4010R	HULCA4020R	HULCA4030R	HULCA4040R	HULCA4050R

D Ø5.0

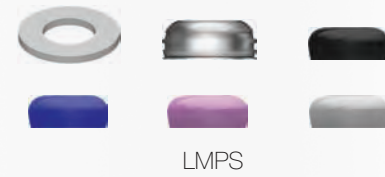
W

G/H	1.0	2.0	3.0	4.0	5.0
	HULCA5010W	HULCA5020W	HULCA5030W	HULCA5040W	HULCA5050W

Locator® Abutment Components

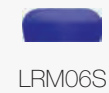
Locator® Male Processing Kit

- Components
 - Block out spacer / denture cap connected black processing male
 - Replacement male blue/pink/clear
- Used by selecting the male with adequate retention force for each case
- Using a locator core tool for replacing the male
- Packing unit : 2set

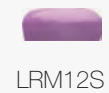


Locator® Replacement Male

- Retention force : Approx. 6N
- Placement angle compensated up to 20°
- Packing unit : 4ea



- Retention force : Approx. 12N
- Placement angle compensated up to 20°
- Packing unit : 4ea

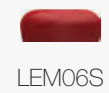


- Retention force : Approx. 22N
- Placement angle compensated up to 20°
- Packing unit : 4ea

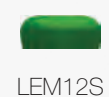


Locator® Extended Replacement Male

- Retention force : Approx. 6N
- Placement angle compensated up to 20~40°
- Packing unit : 4ea



- Retention force : Approx. 12N
- Placement angle compensated up to 20~40°
- Packing unit : 4ea



Locator® Black Processing Male

- Male used only in prosthesis fabrication process
- Packing unit : 4ea



Locator® Block Out Spacers

- Used for sealing of the space between the abutment and the denture cap when attaching the overdenture and denture cap in the oral cavity
- Packing unit : 20ea



Locator® Impression Coping

- Pick up impression coping for Locator Abutment
- Using closed tray
- Packing unit : Impression coping + Provisional male 1set



Locator® Lab Analog

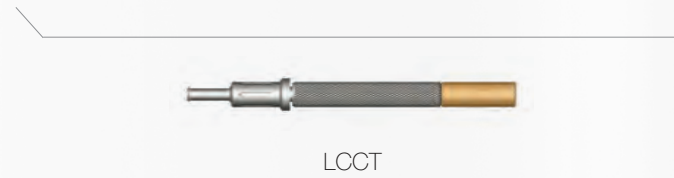
- Lab analog for Locator Abutment
- Packing unit : 4ea



Locator® Abutment Components

Locator® Core Tool

- Used for placing and removing the replacement male in the denture cap
- Separated into three pieces and used as a hand driver for Locator Abutment



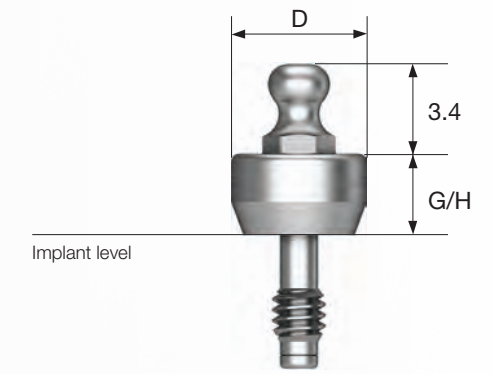
Locator® Torque Driver

- Torque driver for Locator Abutment



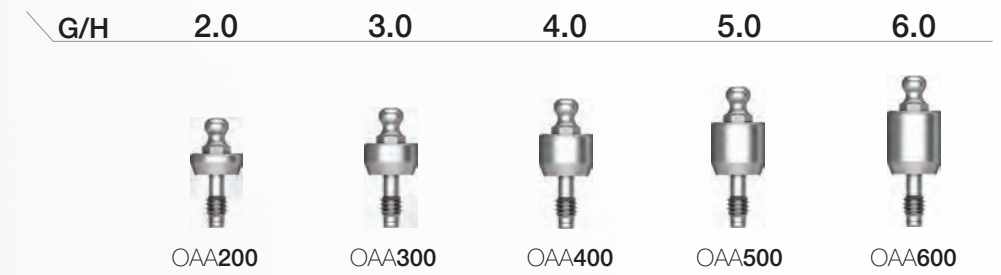
O-ring Abutment ^{2007.09}

- Abutment for overdenture using o-ring attachment
- Placement angle compensated up to 20°
- Tightened with a dedicated outer driver (code : AORD)
- Recommended tightening torque : 30Ncm



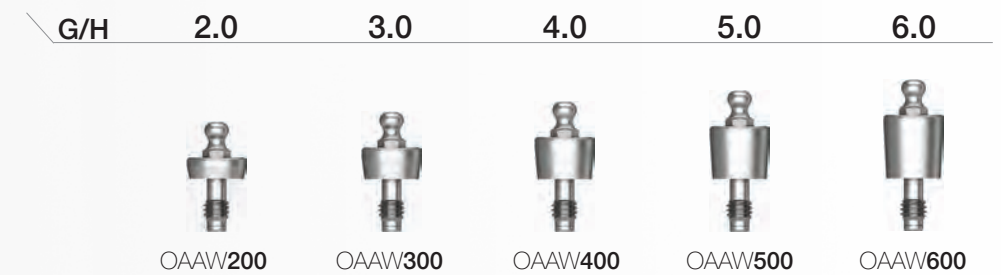
D Ø5.0

R



D Ø5.6

W



O-ring Abutment Components

O-ring Retainer Cap Set

- O-ring attachment for O-ring Abutment
- O-ring replaced in a metal housing for use
- Packing unit : retainer cap + o-ring



RCS01

O-ring Retainer Set

- Used when vertical dimension is shorter than the retainer cap
- Packing unit : retainer cap + o-ring



RS01

O-ring Set

- O-ring set
- Packing unit : o-ring 5ea



OAON01S

O-ring Lab Analog

- Lab analog for O-ring Abutment



OAL

OneSeal^{2017.10}

OneSeal

- Disposable medical devices for internal filling of abutment
- Cut to desired length for use (medical silicone)
- Packing unit : 5ea
- KS / TS Mini : TSSE2250S
- TS Regular, US Mini : TSSE2350S
- SS Regular, US Regular : SSSE2650S
- US Wide : USSE3050S

H \ D	Ø2.20	Ø2.35	Ø2.65	Ø3.00
Type			Long	
50	TSSE2250S	TSSE2350S	SSSE2650S	USSE3050S

OSSTEM[®]
IMPLANT



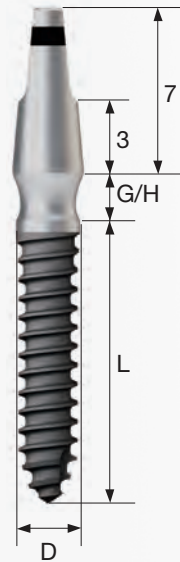
302 MS Implant **Narrow Ridge**
306 MS Implant **Denture**

310 MS Implant **Provisional**
312 MS KIT

MS SA Implant Narrow Ridge 2012.05

Narrow Ridge

- Implant system for narrow ridge, such as anterior mandible
- SA surface characterized by superior osseointegration
- Optimized abutment shape and size for prosthesis without removal
- Recommended placement torque : $\leq 30\text{Ncm}$

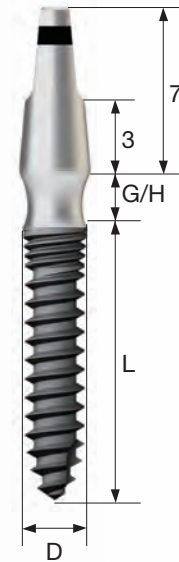


D \varnothing	G/H \ L	8.5	10	11.5	13
2.5		MSN2008S25	MSN2010S25	MSN2011S25	MSN2013S25
	4.0	MSN2008S40	MSN2010S40	MSN2011S40	MSN2013S40
D \varnothing 2.5	G/H \ L	8.5	10	11.5	13
2.5		MSN2508S25	MSN2510S25	MSN2511S25	MSN2513S25
	4.0	MSN2508S40	MSN2510S40	MSN2511S40	MSN2513S40
D \varnothing 3.0	G/H \ L	8.5	10	11.5	13
2.5		MSN3008S25	MSN3010S25	MSN3011S25	MSN3013S25
	4.0	MSN3008S40	MSN3010S40	MSN3011S40	MSN3013S40

MS RBM Implant Narrow Ridge 2012.05

Narrow Ridge

- Implant system for narrow ridge, such as anterior mandible
- Optimized abutment shape and size for prosthesis without removal
- Recommended placement torque : $\leq 30\text{Ncm}$



D \varnothing	G/H \ L	8.5	10	11.5	13	-
2.5		MSP20083R	MSP20103R	MSP20113R	MSP20133R	-
	4.0					
D \varnothing 2.5	G/H \ L	8.5	10	11.5	13	15
2.5		MSP25083R	MSP25103R	MSP25113R	MSP25133R	MSP25153R
	4.0	MSP25084R	MSP25104R	MSP25114R	MSP25134R	MSP25154R
D \varnothing 3.0	G/H \ L	8.5	10	11.5	13	15
2.5		MSP30083R	MSP30103R	MSP30113R	MSP30133R	MSP30153R
	4.0	MSP30084R	MSP30104R	MSP30114R	MSP30134R	MSP30154R

MS Implant Narrow Ridge Components

Impression Coping (Narrow Ridge)

- For use in precision impression taking



MSPIC

Temporary Cap

- For use in fabrication of temporary prosthesis



MSPTC

Lab Analog

- Replication of oral MS Implant narrow ridge abutment in a working model



MSPLA

Burn-out Cylinder

- Used as a prosthetic framework by assembling with MS implant narrow ridge
- After prosthetic casting, a dedicated reamer is used to adjust the margin

Type **Single** **Bridge**



MSPBCS



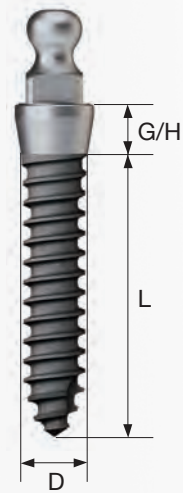
MSPBCB

OSSTEM[®]
IMPLANT

MS SA Implant Denture 2015.05

Denture

- Implant system for edentulous patients with narrow ridge that cannot accommodate regular-diameter implants
- SA surface characterized by superior osseointegration
- Easy and convenient fabrication of dentures using retainer and lab analog
- Recommended placement torque : $\leq 30\text{Ncm}$



D \varnothing 2.0	G/H \ L		8.5	10	11.5	13
	2.0		MSD2008S20	MSD2010S20	MSD2011S20	MSD2013S20
	4.0		MSD2008S40	MSD2010S40	MSD2011S40	MSD2013S40

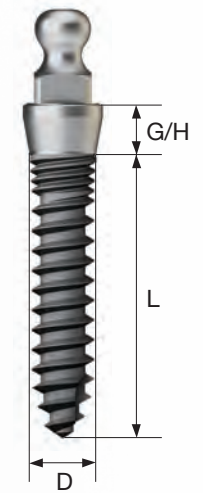
D \varnothing 2.5	G/H \ L		8.5	10	11.5	13
	2.0		MSD2508S20	MSD2510S20	MSD2511S20	MSD2513S20
	4.0		MSD2508S40	MSD2510S40	MSD2511S40	MSD2513S40

D \varnothing 3.0	G/H \ L		8.5	10	11.5	13
	2.0		MSD3008S20	MSD3010S20	MSD3011S20	MSD3013S20
	4.0		MSD3008S40	MSD3010S40	MSD3011S40	MSD3013S40

MS RBM Implant Denture 2015.05

Denture

- Implant system for edentulous patients with narrow ridge that cannot accommodate regular-diameter implants
- Easy and convenient fabrication of dentures using retainer and lab analog
- Recommended placement torque : $\leq 30\text{Ncm}$



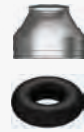
D \varnothing 2.5	G/H \ L		-	10	11.5	13
	2.0		-	MSD25102R	MSD25112R	MSD25132R
	4.0		-	MSD25104R	MSD25114R	MSD25134R

D \varnothing 3.0	G/H \ L		-	10	11.5	13
	2.0		-	MSD30102R	MSD30112R	MSD30132R
	4.0		-	MSD30104R	MSD30114R	MSD30134R

MS Implant Denture Components

O-ring Retainer Cap Set

- Designed for use in the fabrication of stud type overdenture prosthesis
- Packing unit : retainer cap + o-ring



RCS01

O-ring Set

- Packing unit : 5ea



OAON01S

O-ring Lab Analog (Denture)

- Replication of the oral O-ring abutment in a working model

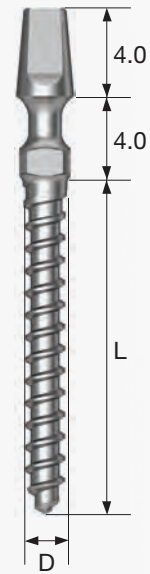


MSDLA

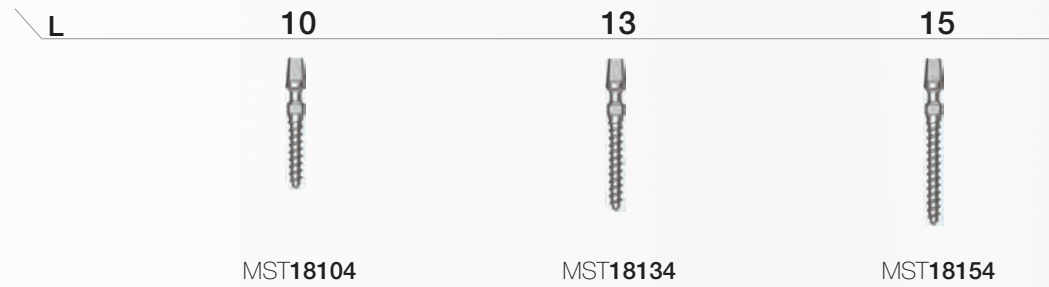
OSSTEM[®]
IMPLANT

Provisional

- Used for completely or partially edentulous patients who require an immediate loading of temporary prosthesis
- Neck design for providing path compensation and maintaining strength
- Facilitating easy fabrication of temporary prosthesis with provisional cap and lab analog
- One-time bending up to 30°
- Recommended placement torque : $\leq 30\text{Ncm}$



D Ø1.8



D Ø2.5



Provisional Cap

- For use in fabrication of temporary prosthesis (titanium)



MSTPC

Lab Analog

- Replication of oral MS implant provisional abutment in the working model



MSTLA

Applicable Products

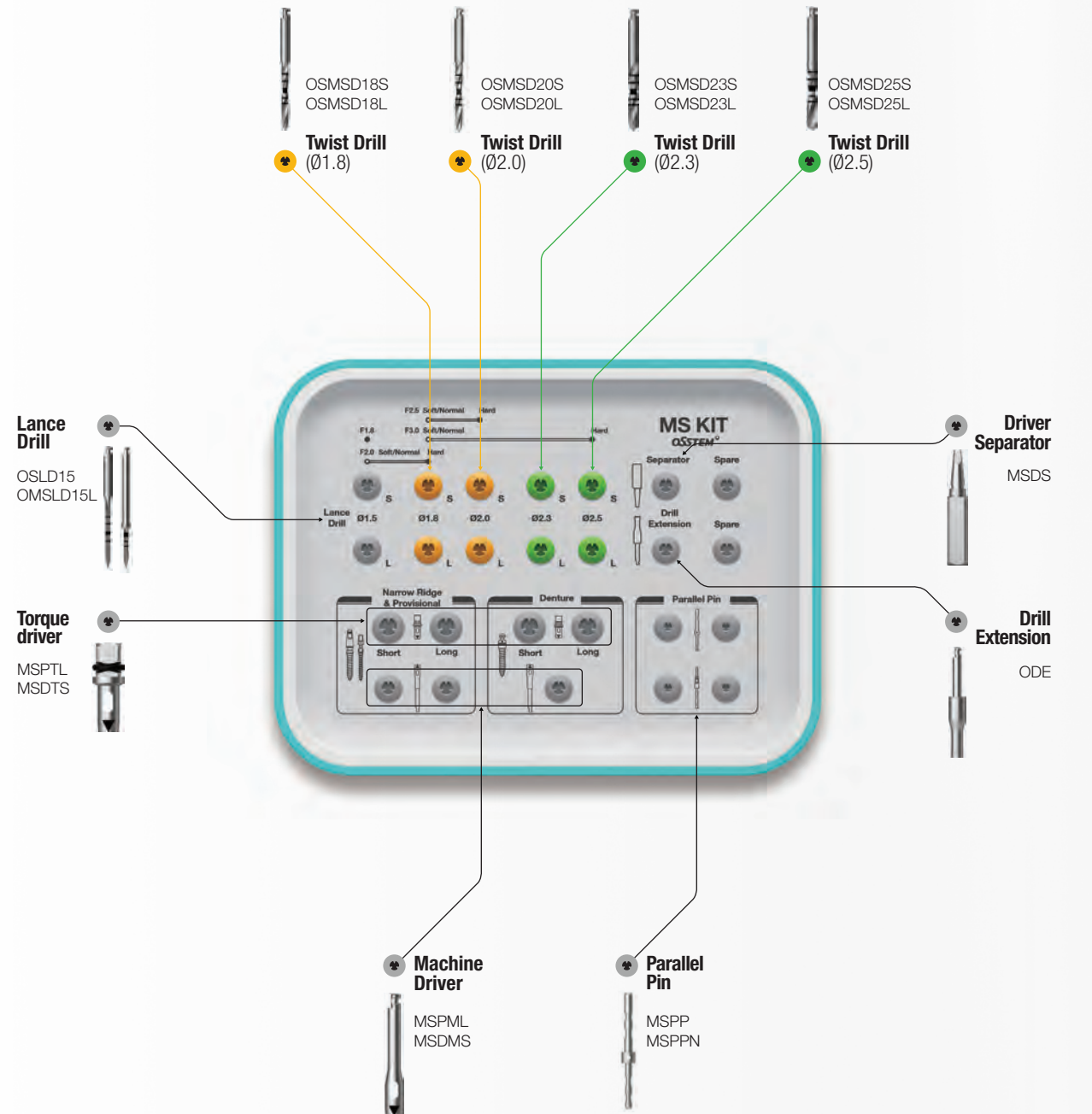
MS

Bottom panel components

Depth Gauge
MSDG



Ratchet Wrench
CITQW-1185A



Drill for MS Implant

- Easy to identify by marking a depth corresponding to the available implant lengths (8/10/11.5/13/15)
- Lance drill is recommended only for cortical bone drilling and may be used up to marking line, depending on the surgical environment
- Long type drill has a built-in stopper for 13mm length implant



Lance Drill

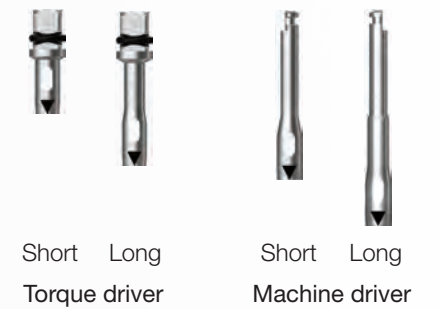
L \ D	Ø1.5
35	OSLD15
38 (Long)	OMSLD15L

Twist Drill

L \ D	Ø1.8	Ø2.0	Ø2.3	Ø2.5
Short (33)	OSMSD18S	OSMSD20S	OSMSD23S	OSMSD25S
Long (41)	OSMSD18L	OSMSD20L	OSMSD23L	OSMSD25L

Driver for Narrow Ridge & Provisional Type

- Driver for MS Implant Narrow Ridge & Provisional
- Align the triangle mark with a cross-section of implant for use



Torque Driver

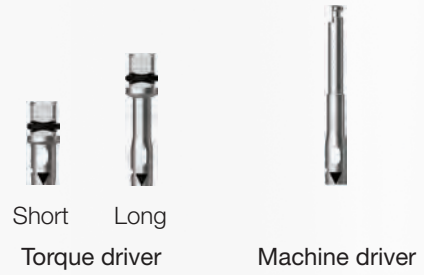
L \ D	Ø3.4
Short (14.5)	MSPTS
Long (21.5)	MSPTL

Machine Driver

L \ D	Ø3.4
Short (24.4)	MSPMS
Long (29.4)	MSPML

Driver for Denture Type

- Driver for MS Implant denture
- Align the triangle mark with a cross-section of implant for use



Short Long
Torque driver

Machine driver

Torque Driver

L \ D	Ø3.8
Short (13.5)	MSDTS
Long (18.5)	MSDTL

Machine Driver

L \ D	Ø3.8
Long (21.4)	MSDMS

Gauge for MS Implant

- Depth gauge
 - Left : For measuring drill depth
 - Right For measuring bends in the MS Provisional type
 - ※ MS Narrow Ridge type cannot be bent
- Parallel pin is used to check for the path after drilling
- MSPP : lower diameter Ø 1.5 / upper diameter Ø 1.8
- MSPPN : lower diameter Ø 1.5 / upper shape is the same as that of MS Narrow Ridge

Depth Gauge	Parallel Pin
MSDG	MSPP
-	MSPPN



Depth gauge

MSPP MSPPN
Parallel pin

Torque Driver Handle

- Used for implanting manually after assembling with torque driver joint



MSTH

Driver Separator

- If a driver is stuck during implant placement, then insert driver separator into groove in the driver to separate it by applying leverage



MSDS

MS Removal Tool

- Easy removal of fractured MS Implant (Narrow Ridge)
- The tool is used by rotating in the reverse direction after assembling to the universal handle
- Options based on diameter of fractured implant
- For Ø 2.0, use orthodontic screw removal tool (code: OSRT20E)
- ※ Disposable. Do not reuse



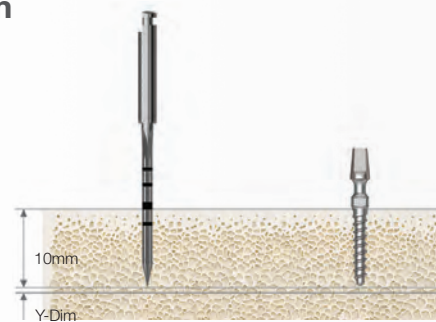
D (Implant to be removed)	Ø2.5	Ø3.0
	OMRT25E	OMRT30E

Drilling Sequence **MS Drill**

Narrow Ridge | Denture | Provisional

(Length : 10mm)

Ø1.8mm



Bone Quality	Lance Drill	Ø1.8 Implant
Soft	▶	Implant Placement
Normal	▶	
Hard	▶	

Ø2.0mm



Bone Quality	Lance Drill	Drill (Ø1.8)	Ø2.0 Implant
Soft	▶		Implant Placement
Normal	▶		
Hard	▶	▶	

Ø2.5mm



Bone Quality	Drill (Ø1.8)	Drill (Ø2.0)	Ø2.5 Implant
Soft	▶		Implant Placement
Normal	▶		
Hard		▶	

Ø3.0mm



Bone Quality	Drill (Ø1.8)	Drill (Ø2.5)	Ø3.0 Implant
Soft	▶		Implant Placement
Normal	▶		
Hard		▶	



OS SYSTEM

OSSTEM[®]
IMPLANT

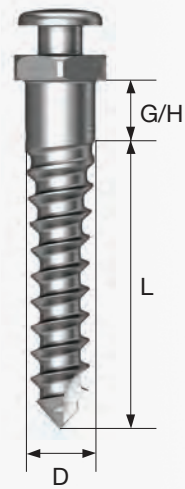
320 OrthAnchor Simple Head
322 OrthAnchor Through Hole
324 OrthAnchor Small Head
325 OrthAnchor Bracket Head
326 OrthAnchor Simple Head Half Etched
328 OrthAnchor Through Hole Half Etched

330 Ortho KIT
334 ORP KIT
340 e-Driver & e-Driver plus
341 V-ceph

OrthAnchor Simple Head

Simple Head

- Machined surface
 - Material : Ti-6Al-4V
 - No through-hole
 - Connected component : coil spring(Ø 2.5), power chain, elastic band
- * G/H 4.0 TYPE IS A MAKE-TO-ORDER PRODUCT



D Ø1.2

G/H \ L	6	8	10
1.5	OSSH1206	OSSH1208	-

D Ø1.4

G/H \ L	6	8	10
1.5	OSSH1406	OSSH1408	-

D Ø1.6

G/H \ L	6	8	10
1.5	OSSH1606	OSSH1608	OSSH1610
4.0	OSSH16064	-	-

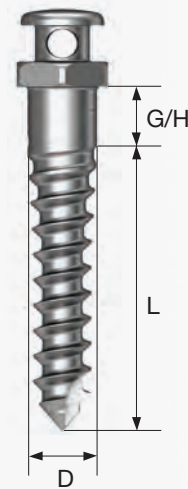
D Ø1.8

G/H \ L	6	8	10
1.5	OSSH1806	OSSH1808	OSSH1810
4.0	OSSH18064	-	-

OrthAnchor Through Hole

Through Hole

- Machined surface
- Material : Ti-6Al-4V
- D (through-hole) : \varnothing 0.8
- Connected component : arch wire(round), coil spring(\varnothing 2.5), power chain, elastic band
- ※ G/H 4.0 TYPE IS A MAKE-TO-ORDER PRODUCT.



D \varnothing	G/H \ L	Length (mm)		
		6	8	10
D \varnothing 1.2	1.5	OSTH1206	OSTH1208	-
	4.0			
D \varnothing 1.4	1.5	OSTH1406	OSTH1408	-
	4.0			

D \varnothing 1.6

G/H \ L	Length (mm)		
	6	8	10
1.5	OSTH1606	OSTH1608	OSTH1610
4.0	OSTH16064	-	-

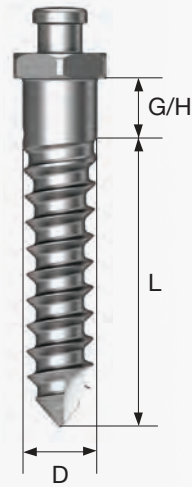
D \varnothing 1.8

G/H \ L	Length (mm)		
	6	8	10
1.5	OSTH1806	OSTH1808	OSTH1810
4.0	OSTH18064	-	-

OrthAnchor Small Head

Small Head

- Machined surface
- Material : Ti-6Al-4V
- D (head) : \varnothing 1.48
- Connected component : coil spring(\varnothing 1.5/2.0/2.5), power chain, elastic band

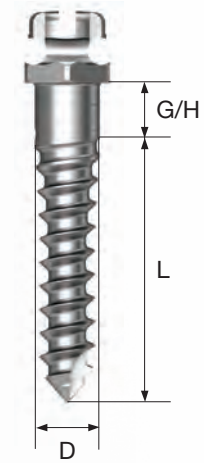


D \varnothing 1.4	G/H \ L	6	8	10
1.5		OSSHS1406	OSSHS1408	-
D \varnothing 1.6	G/H \ L	6	8	10
1.5		OSSHS1606	OSSHS1608	OSSHS1610
D \varnothing 1.8	G/H \ L	6	8	10
1.5		OSSHS1806	OSSHS1808	OSSHS1810

OrthAnchor Bracket Head

Bracket Head

- Machined surface
- Material : Ti-6Al-4V
- Excellent compatibility with various arch wires
- Easy path adjustment with the cross wire slot
- Connected component : arch wire(rec./round), coil spring(\varnothing 2.5), power chain, elastic band

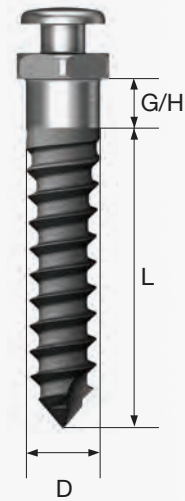


D \varnothing 1.4	G/H \ L	6	8	10
1.5		OSBH1406	OSBH1408	-
D \varnothing 1.6	G/H \ L	6	8	10
1.5		OSBH1606	OSBH1608	OSBH1610
D \varnothing 1.8	G/H \ L	6	8	10
1.5		OSBH1806	OSBH1808	OSBH1810

OrthAnchor Simple Head Half Etched

Simple Head Half Etched

- Acid etched surface
- Material : Ti-6Al-4V
- Minimization of early detachment possibility
- Stable effect for children or adolescents or cases with poor bone quality
- Connected component : arch wire(round), coil spring(Ø 2.5), power chain, elastic band



D Ø1.2	G/H \ L		
	6	8	10
1.5	 OSSH1206HE	 OSSH1208HE	-

D Ø1.4	G/H \ L		
	6	8	10
1.5	 OSSH1406HE	 OSSH1408HE	-

D Ø1.6

G/H \ L	6	8	10
	1.5	 OSSH1606HE	 OSSH1608HE

D Ø1.8

G/H \ L	6	8	10
	1.5	 OSSH1806HE	 OSSH1808HE

OrthAnchor Through Hole Half Etched

Through Hole Half Etched



- Acid etched surface
- Material : Ti-6Al-4V
- Minimization of early detachment possibility
- Stable effect for children or adolescents or cases with poor bone quality
- Connected component : arch wire(round), coil spring(Ø 2.5), power chain, elastic band



D Ø1.2	G/H \ L		
	6	8	10
1.5	 OSTH1206HE	 OSTH1208HE	-

D Ø1.4	G/H \ L		
	6	8	10
1.5	 OSTH1406HE	 OSTH1408HE	-

D Ø1.6

G/H \ L	6	8	10
	1.5	 OSTH1606HE	 OSTH1608HE

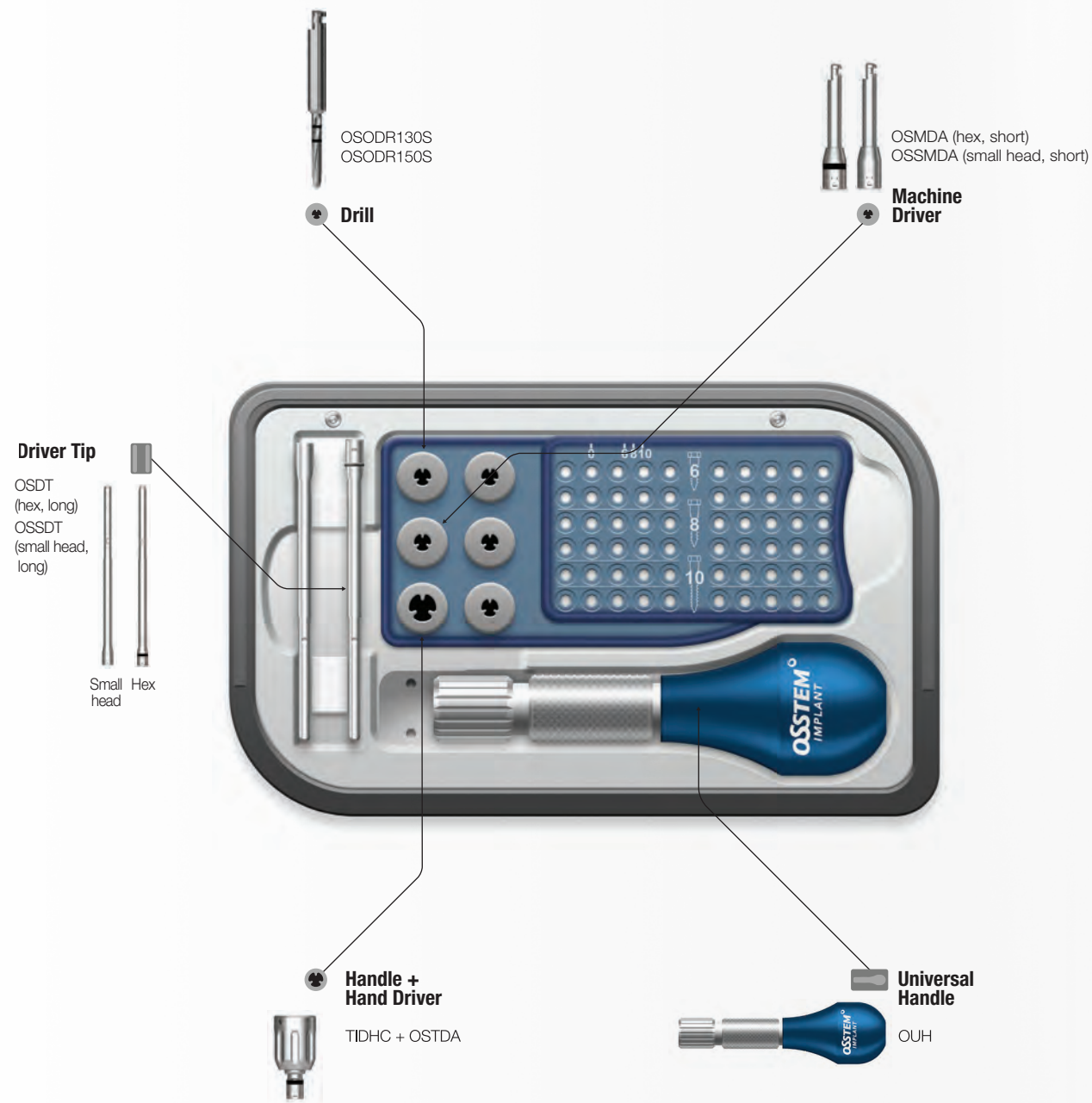
D Ø1.8

G/H \ L	6	8	10
	1.5	 OSTH1806HE	 OSTH1808HE

Ortho KIT (OOKS)

Applicable Products

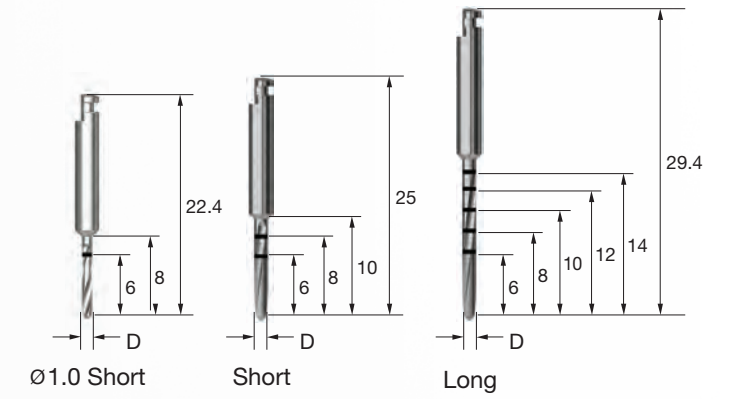
OS



Ortho KIT Surgical Instruments

Drill

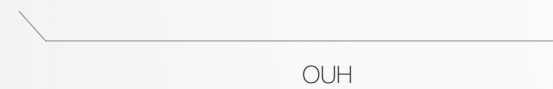
- Connected to a handpiece (engine) for use
- Ø1.0 drill : For a procedure with Ø1.2/1.4 screw
- Ø1.3 drill : For a procedure with Ø1.6 screw
- Ø1.5 drill : For a procedure with Ø1.8 screw
- Recommended drilling speed: 800rpm (high speed)
- Implantation recommended after removing cortical bone only (Drilling to the same length as the screw length if the cortical bone is too thick)
- Ø1.0 drill for optional purchase (not included in the KIT)



L \ D	Ø1.0	Ø1.3	Ø1.5
Short	OSODR100S	OSODR130S	OSODR150S
Long	-	OSODR130C	OSODR150C

Universal Handle

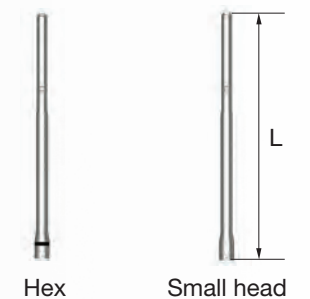
- Used after connecting to the driver tip, easy procedure with anti-slip handle
- Easy procedure with anti-slip handle



Driver Tip

- Connected to a universal handle for OrthAnchor procedure
- Available type: a general hex driver and a small head driver

L \ Type	Hex	Small Head
Short (L)	OSDTS (45)	OSSDTS (45)
Long (L)	OSDT (67)	OSSDT (67)



Hand Drill

- Connected to Universal Handle for use
 - For removing cortical bone only
 - Drilling depth : 4mm
 - Product for optional purchase (not included in the KIT)
- ※ Maintain the drilling direction so as not to exert bending load while using



OSHDR130

Machine Driver

- Connected to the engine for OrthAnchor procedure
- Available type : a general hex driver and a small head machine driver

L \ Type	Hex	Small Head
Short (L)	OSMDA (21.4)	OSSMDA (21.4)
Long (L)	OSMDB (31.4)	OSSMDB (31.4)



Hex



Small head

Driver Handle

- Used for hand tightening screws after connecting to a hand driver



TIDHC

Hand Driver

- Connected to a driver handle or a ratchet wrench for OrthAnchor screw procedure
- Available type: a general hex driver and a small head hand driver
- A small head hand driver is a product for optional purchase (not included in the KIT)



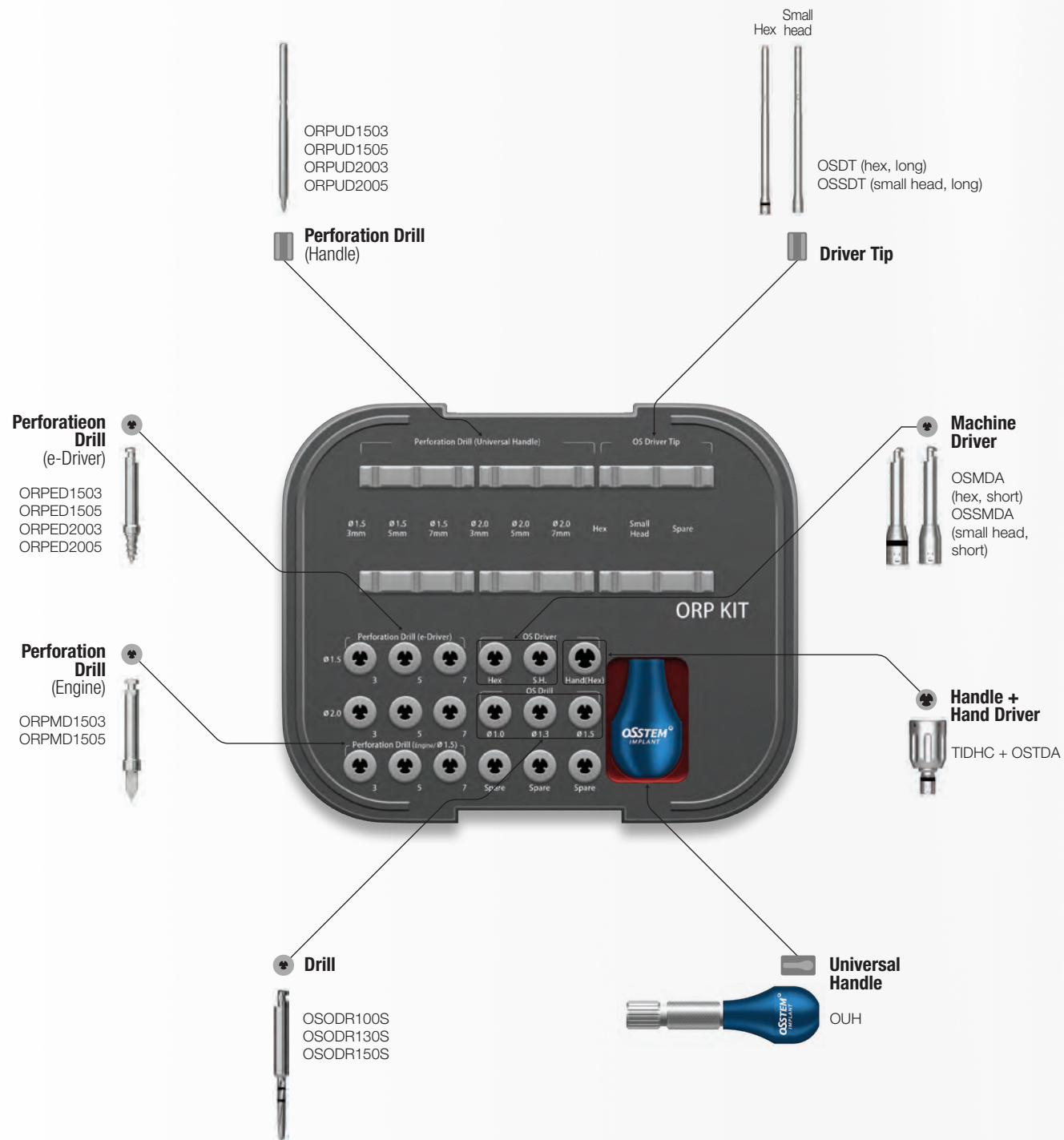
Hex



Small head

Type	Hex	Small Head
	OSTDA	OSSTDA

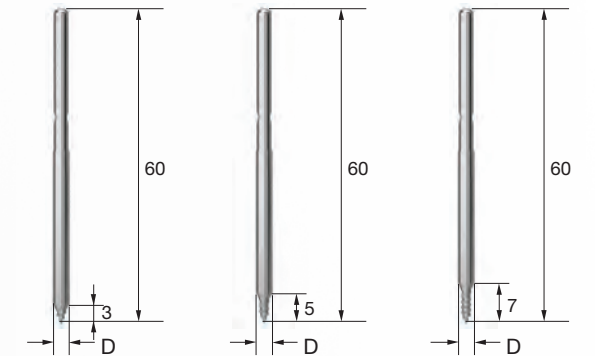
ORP KIT (ORPK)



ORP KIT Surgical Instruments

Perforation Drill (Handle)

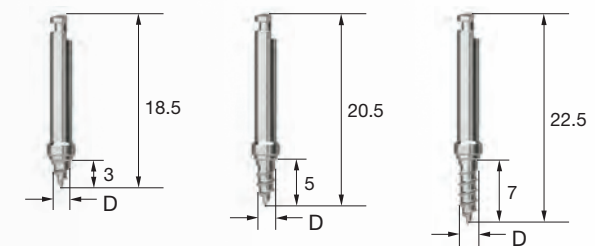
- Connected to a universal handle for MOP procedure
- Used for easy-to-access areas
- Ø1.5 : Anterior region / Ø2.0 : Posterior region and areas with wide interdium
- ※ MOP : micro-osteoperforation



L \ D	Ø1.5	Ø2.0
3.0	ORPUD1503	ORPUD2003
5.0	ORPUD1505	ORPUD2005
7.0	ORPUD1507	ORPUD2007

Perforation Drill (e-Driver)

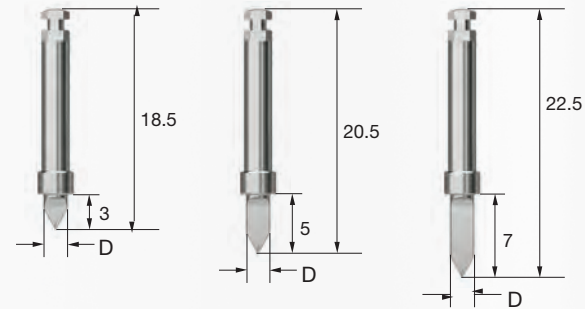
- Connected to handpiece (engine) for MOP procedure
- Used for difficult-to-access areas with a hand drill such as palatal region
- Recommended tightening torque: 25Ncm
- Recommended drilling speed: 30-60rpm



L \ D	Ø1.5	Ø2.0
3.0	ORPED1503	ORPED2003
5.0	ORPED1505	ORPED2005
7.0	ORPED1507	ORPED2007

Perforation Drill (Engine)

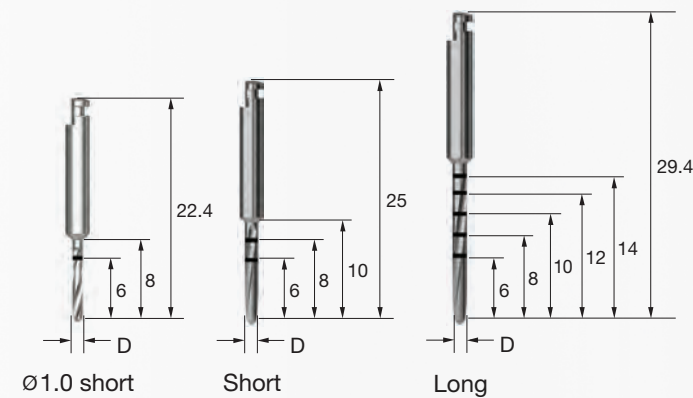
- Connected to handpiece (engine) for MOP procedure (e-Driver cannot be used)
- Allows fast procedure for hard bone or difficult-to-access areas with a handle drill
- Recommended drilling speed: 1200rpm



L \ D	Ø1.5	Ø2.0
3.0	ORPMD1503	ORPMD2003
5.0	ORPMD1505	ORPMD2005
7.0	ORPMD1507	ORPMD2007

Drill

- Connected to a handpiece (engine) for use
- Ø1.0 drill : For a procedure with Ø1.2/Ø1.4 screw
- Ø1.3 drill : For a procedure with Ø1.6 screw
- Ø1.5 drill : For a procedure with Ø1.8 screw
- Recommended drilling speed: 800rpm
- Implantation recommended after removing cortical bone only (Drilling to the same length as the screw length if the cortical bone is too thick)



L \ D	Ø1.0	Ø1.3	Ø1.5
Short	OSODR100S	OSODR130S	OSODR150S
Long	-	OSODR130C	OSODR150C

Universal Handle

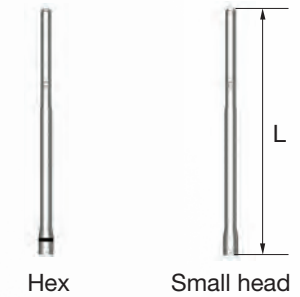
- Used for MOP procedure by connecting Perforation Drill (Handle)
- Screw implantation is available by connecting a dedicated driver tip



Driver Tip

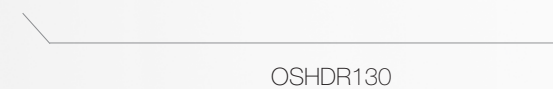
- Used for OrthAnchor procedure by connecting Universal Handle
- Available type: a general hex driver and a small head driver

L \ Type	Hex	Small Head
Short (L)	OSDTS (45)	OSSDTS (45)
Long (L)	OSDT (67)	OSSDT (67)



Hand Drill

- Connected to Universal Handle for use
- For removing cortical bone only
- Drilling depth : 4mm
- Product for optional purchase (not included in the KIT)
- ※ Maintain the drilling direction so as not to exert bending load while using



ORP KIT Surgical Instruments

Driver Handle

- Used for hand tightening screws after connecting to a hand driver



Hand Driver

- Used for OrthAnchor procedure by connecting to Driver Handle or ratchet wrench
- Available type: a general hex driver and a small head hand driver
- A small head hand driver is a product for optional purchase (not included in the KIT)

Type	Hex	Small Head
	OSTDA	OSSTDA



Hex



Small head

Machine Driver

- Connected to the engine for OrthAnchor procedure
- Available type: a general hex driver and a small head machine driver

L \ Type	Hex	Small Head
Short (L)	OSMDA (21.4)	OSSMDA (21.4)
Long (L)	OSMDB (31.4)	OSSMDB (31.4)



Hex

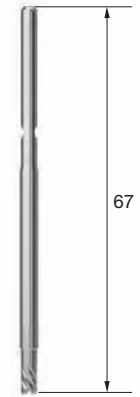


Small head

ORP KIT Removal Tool

Removal Tool (Handle)

- Allows easy removal in the event of fracture of OrthAnchor
 - Used by connecting to Universal Handle with reverse rotation
 - Types selected according to the fracture screw diameter
 - May be used for fractures of other manufacturers' screws
- ※ Disposable. Do not reuse



D (Removal Screw)	Ø1.2	Ø1.4	Ø1.6	Ø1.8	Ø2.0
	OSRT12H	OSRT14H	OSRT16H	OSRT18H	OSRT20H

Removal Tool (Engine)

- Allows easy removal in the event of fracture of OrthAnchor
 - Used by connecting to a e-driver or a handpiece (engine) with reverse rotation
 - Types selected according to the fracture screw diameter
 - May be used for fractures of other manufacturers' screws
 - Recommended torque: 35Ncm
 - Recommended drilling speed: ≤100rpm
- ※ Disposable. Do not reuse



D (Removal Screw)	Ø1.2	Ø1.4	Ø1.6	Ø1.8	Ø2.0
	OSRT12E	OSRT14E	OSRT16E	OSRT18E	OSRT20E

Wireless Electric Driver

e-Driver

- Strong and accurate application of torque (Range: 5~35Ncm)
- Adjustable drilling speed (Range: 15~60rpm)
- Minimizes OrthAnchor fractures and ensures accurate placement path
- Ease of abutment tightening and minimizing the chance of screw loosening

OSM-TORQ



e-Driver plus **NEW 2022**

- Allows easy tightening in contra-angle
- Strong and accurate application of torque (Range: 5~40Ncm)
- Adjustable drilling speed (Range: 15~55rpm)
- Minimizes OrthAnchor fractures and ensures accurate placement path
- Ease of abutment tightening and minimizing the chance of screw loosening

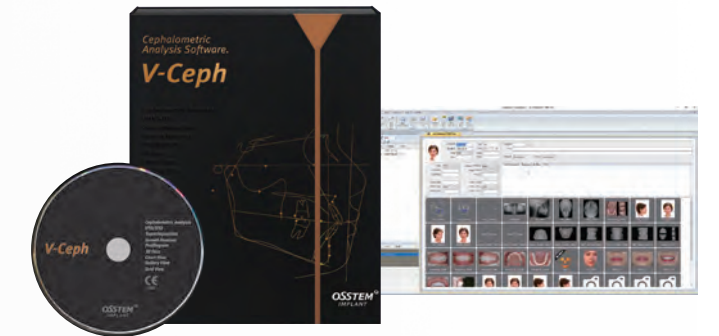
DSD-DTD-0100



V-ceph

V-ceph

- Diagnostic software for orthodontics
- Auto Tracing feature allows automatic completion through trained data of AI
- VTO/STO (Simulation of facial changes before and after treatment)
- Grid view (intuitive checking of the symmetry in the front-view image)
- Dual monitor view (Allows comparison of patient data on two monitors)
- X-ray superimposition (with tracing)
- Gallery format (Provision of 23 types and a template creation tool)
- Image Adjust (Image editing without loss)
- Growth forecast
- 3D Face (Allows 3D simulation without a 3D scanner)



OSSTEM[®]
IMPLANT

OSSTEM KIT

- | | | | |
|------------|----------------------------|------------|---------------------------------|
| 344 | 122 Taper KIT | 445 | SmartGuide KIT |
| 345 | 122 Taper Full KIT | 448 | ESSET KIT |
| 352 | Taper KIT | 452 | IM-Cure KIT |
| 353 | Taper Ultra KIT | 456 | ESR KIT |
| 360 | 123 Straight Simple KIT | 457 | ESR Full KIT |
| 361 | 123 Straight KIT | 466 | EIR KIT |
| 362 | 123 Straight Full KIT | 467 | EIR Full KIT |
| 370 | New Hanaro KIT | 472 | Dr.Cho's Instrument KIT |
| 372 | Ultra KIT | 473 | Osstem Basic Instrument KIT |
| 384 | 485 KIT | 476 | Custom KIT |
| 388 | Assist KIT | 477 | Healing Case |
| 390 | Surgical Instrument | 478 | Osteo KIT |
| 414 | Prosthetic Simple KIT | 479 | Osteotome KIT |
| 415 | Prosthetic KIT | 480 | Sinus KIT |
| 424 | CAS KIT | 481 | Bone Spreader KIT |
| 430 | LAS KIT | 482 | Ridge Split KIT Straight |
| 431 | LAS Full KIT | 483 | Ridge Split KIT Offset |
| 434 | Denture 4U KIT | | |
| 440 | Positioning Guide KIT | | |
| 441 | Positioning Guide Full KIT | | |

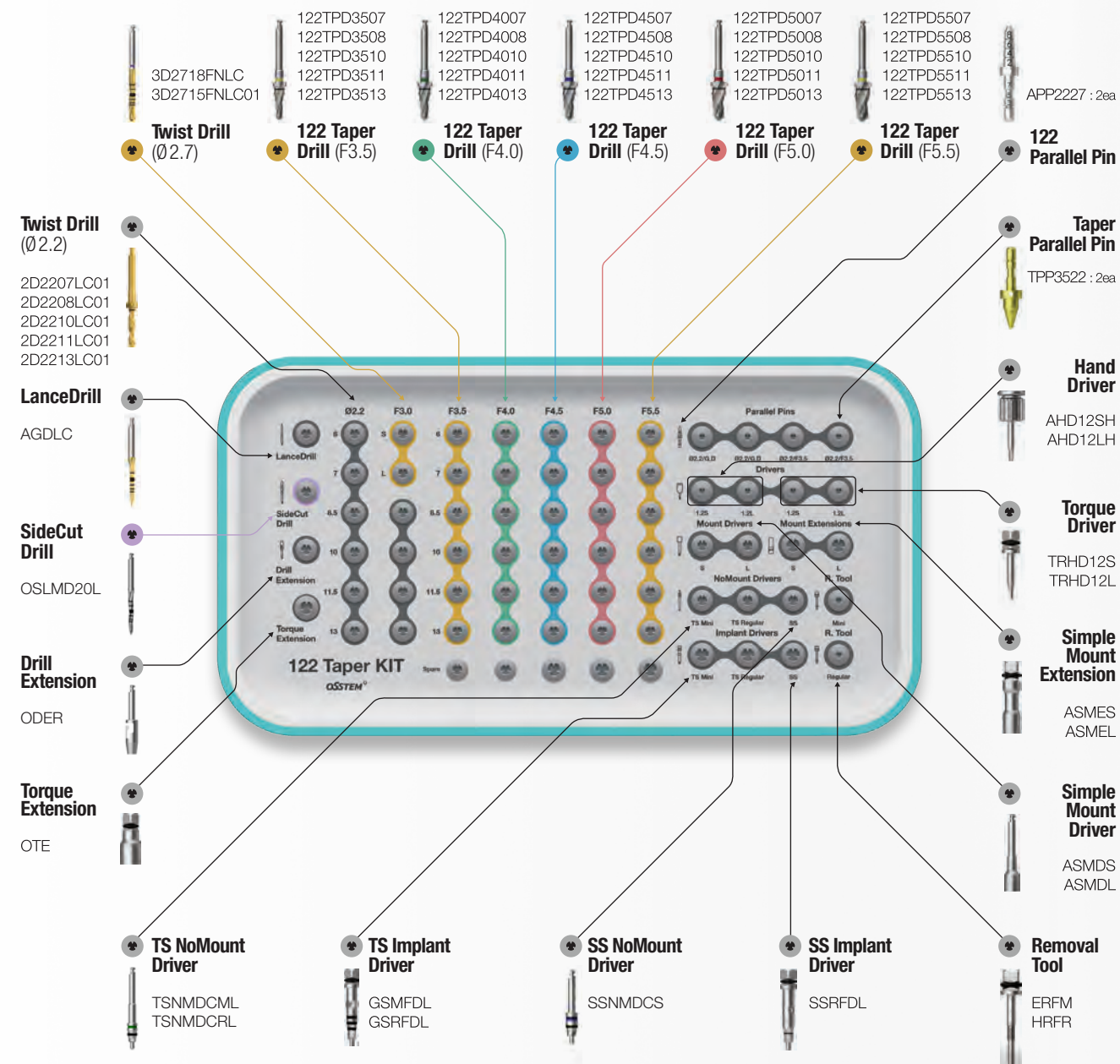
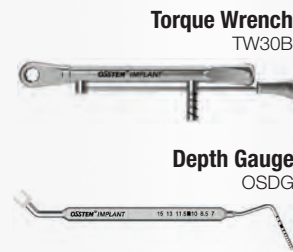
122 Taper KIT (O122TPK) RENEWAL 2021

122 Taper Full KIT (O122TPFK) RENEWAL 2021

Applicable Products

- TSIII / IV
- KSIII
- SSIII
- USIII / IV

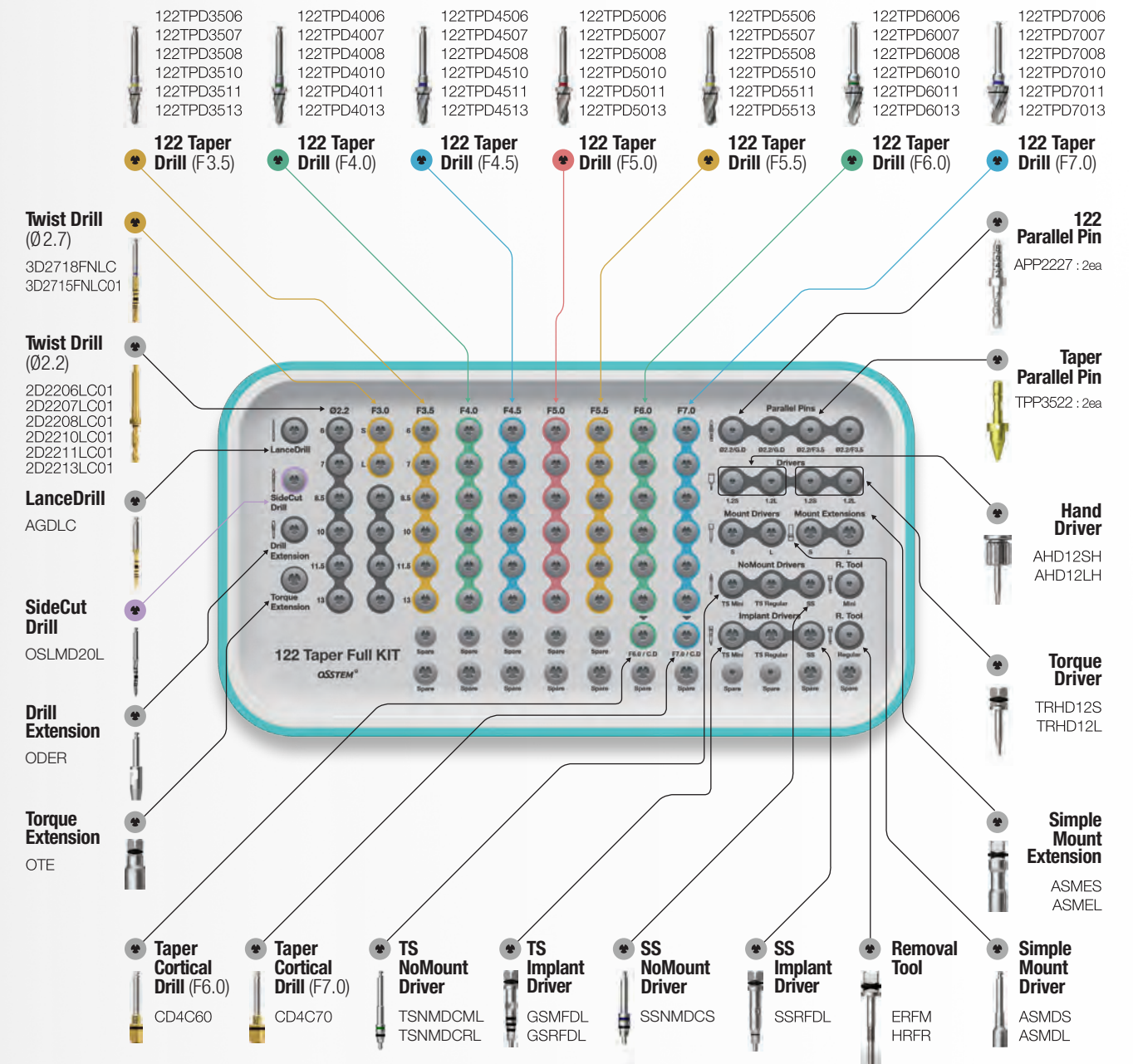
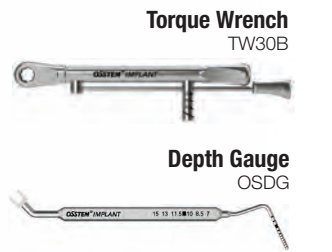
Top panel components



Applicable Products

- TSIII / IV
- KSIII
- SSIII
- USIII / IV
- III / IV Ultra-wide

Top panel components



• More details on KIT components can be found in Surgical Instruments(390p~412p)

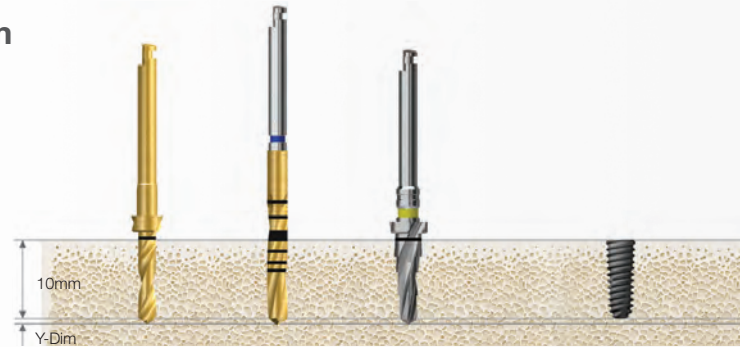
• More details on KIT components can be found in Surgical Instruments(390p~412p)

Drilling Sequence 122 Taper Drill

TSIII | KSIII | SSIII | USIII

(Length : 10mm)

Ø3.0mm



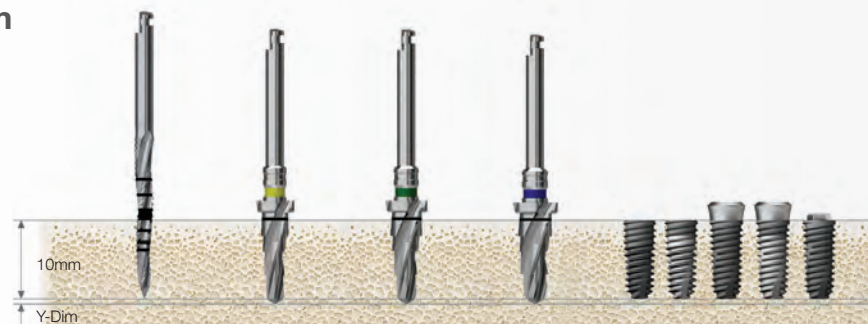
Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø2.7)	122Taper Drill (F3.5)	Ø3.0 Implant
Soft	▶			
Normal	▶	▶		Implant Placement
Hard	▶		▶	

Ø3.5mm



Bone Quality	Sidecut Drill	122Taper Drill (F3.5)	122Taper Drill (F4.0)	Ø3.5 Implant
Soft	▶			
Normal	▶	▶		Implant Placement
Hard	▶	▶	▶	

Ø4.0mm



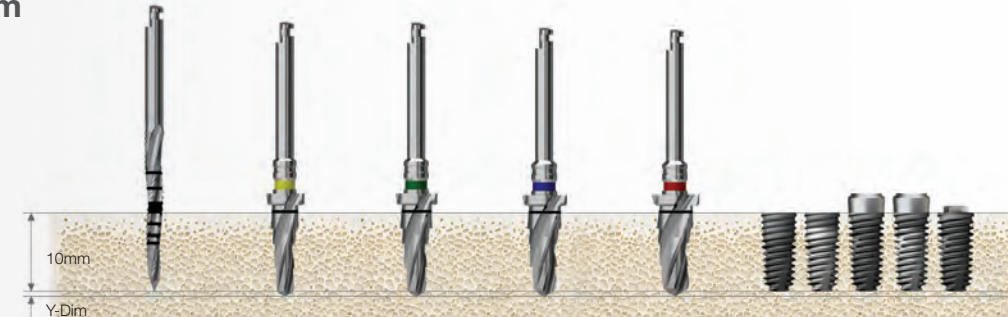
Bone Quality	Sidecut Drill	122Taper Drill (F3.5)	122Taper Drill (F4.0)	122Taper Drill (F4.5)	Ø4.0 Implant
Soft	▶	▶			
Normal	▶	▶	▶		Implant Placement
Hard	▶	▶		▶	

F5.5 taper cortical drill marking line : Bottom line for placing 6mm or smaller implants, midline for 7mm implants, and top line for 8,5mm or greater implants

Recommended placement torque ≤ 40Ncm

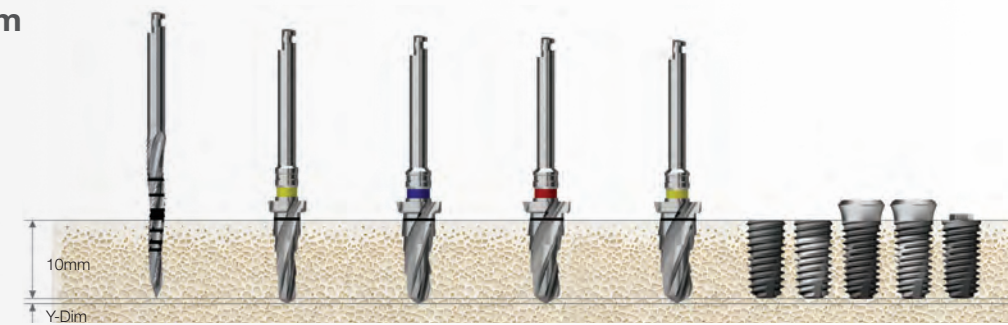
TS implant placement depth : For normal bones, 1mm deeper than the bone level; for soft bones, matched to the bone level to maintain the stability

Ø4.5mm



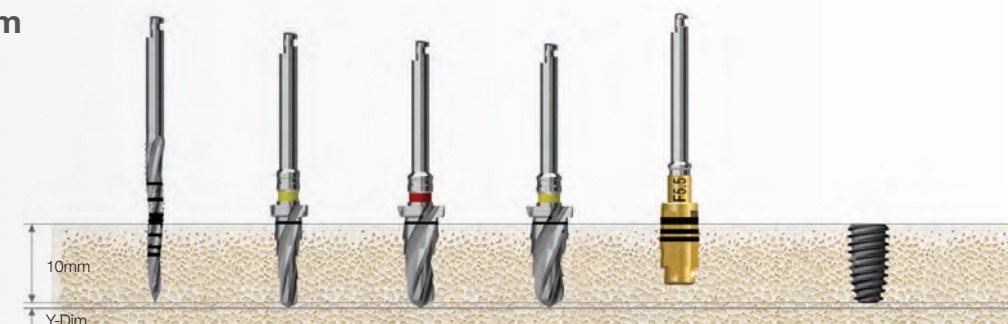
Bone Quality	Sidecut Drill	122Taper Drill (F3.5)	122Taper Drill (F4.0)	122Taper Drill (F4.5)	122Taper Drill (F5.0)	Ø4.5 Implant
Soft	▶				▶	
Normal	▶	▶			▶	Implant Placement
Hard	▶	▶			▶	

Ø5.0mm



Bone Quality	Sidecut Drill	122Taper Drill (F3.5)	122Taper Drill (F4.5)	122Taper Drill (F5.0)	122Taper Drill (F5.5)	Ø5.0 Implant
Soft	▶				▶	
Normal	▶	▶			▶	Implant Placement
Hard	▶	▶			▶	

Ø5.5mm



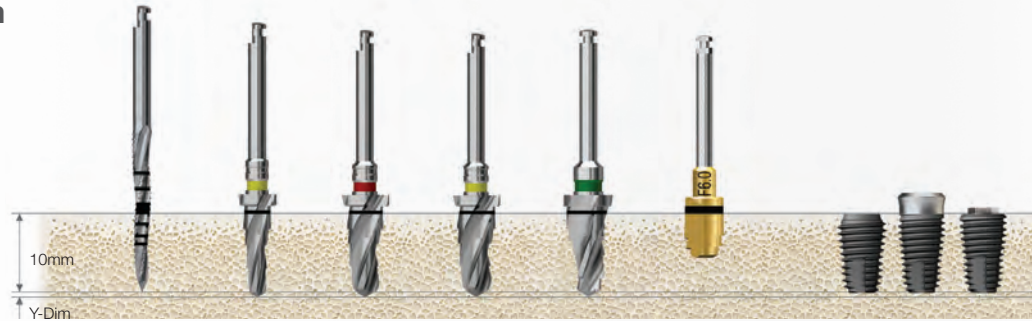
Bone Quality	Sidecut Drill	122Taper Drill (F3.5)	122Taper Drill (F5.0)	122Taper Drill (F5.5)	Taper Cortical Drill (F5.5)	Ø5.5 Implant
Soft	▶				▶	
Normal	▶	▶			▶	Implant Placement
Hard	▶	▶			▶	

Drilling Sequence **122 Taper Drill**

TSIII Ultra-wide | **KSIII Ultra-wide** | **SSIII Ultra-wide**
USIII Ultra-wide

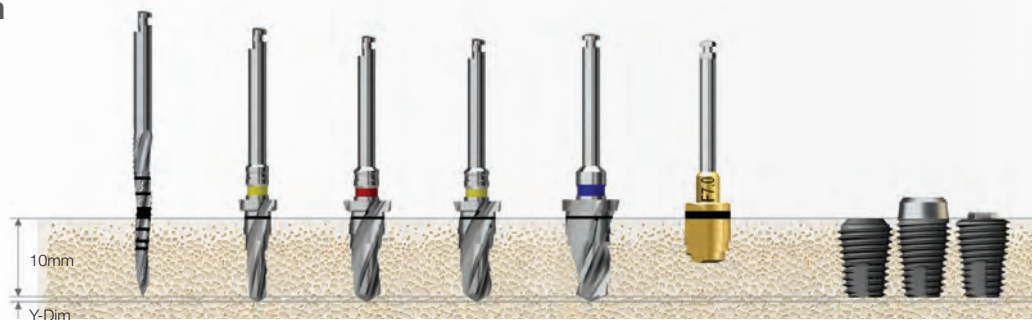
(Length : 10mm)

Ø6.0mm



Bone Quality	Sidecut Drill	122Taper Drill (F3.5)	122Taper Drill (F5.0)	122Taper Drill (F5.5)	122Taper Drill (F6.0)	Taper Cortical Drill (F6.0)	Ø6.0 Implant
Soft	▶		▶	▶			Implant Placement
Normal	▶	▶	▶		▶		
Hard	▶	▶	▶		▶	▶	

Ø7.0mm



Bone Quality	Sidecut Drill	122Taper Drill (F3.5)	122Taper Drill (F5.0)	122Taper Drill (F6.0)	122Taper Drill (F7.0)	Taper Cortical Drill (F7.0)	Ø7.0 Implant
Soft	▶		▶	▶			Implant Placement
Normal	▶	▶	▶		▶		
Hard	▶	▶	▶		▶	▶	

F5.5 taper cortical drill marking line : Bottom line for placing 6mm or smaller implants, midline for 7mm implants, and top line for 8,5mm or greater implants

Recommended placement torque ≤ 40Ncm

TS implant placement depth : For normal bones, 1mm deeper than the bone level; for soft bones, matched to the bone level to maintain the stability

Drilling Sequence **122 Taper Drill**

TSIV | **USIV**

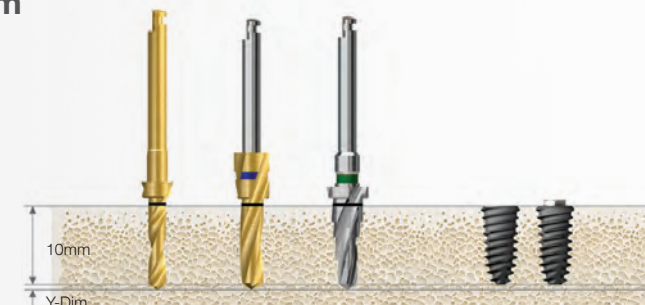
(Length : 10mm)

Ø4.0mm



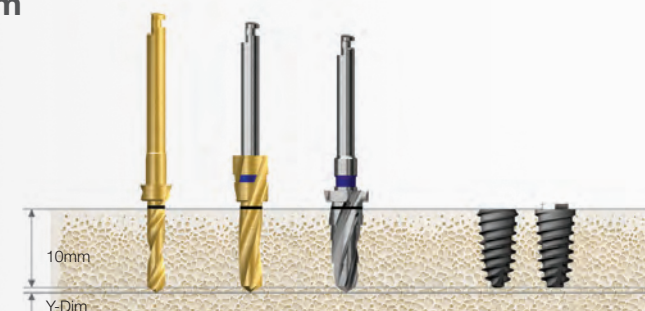
Bone Quality	Twist Drill (Ø2.2)	122Taper Drill (F3.5)	Ø4.0 Implant
D4	▶		Implant Placement
Soft	▶	▶	

Ø4.5mm



Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø3.0)	122Taper Drill (F4.0)	Ø4.5 Implant
D4		▶		Implant Placement
Soft	▶		▶	

Ø5.0mm



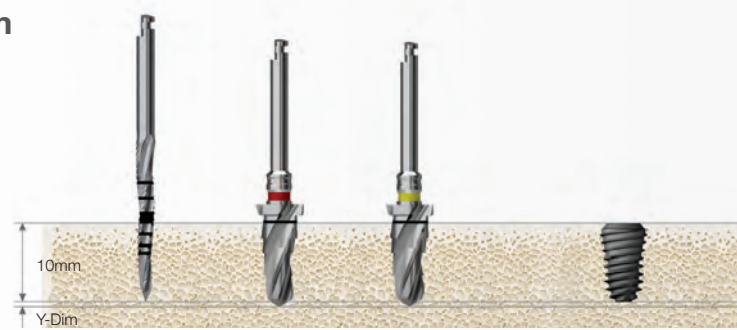
Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø3.0)	122Taper Drill (F4.5)	Ø5.0 Implant
D4		▶		Implant Placement
Soft	▶		▶	

Drilling Sequence **122 Taper Drill**

TSIV Ultra-wide

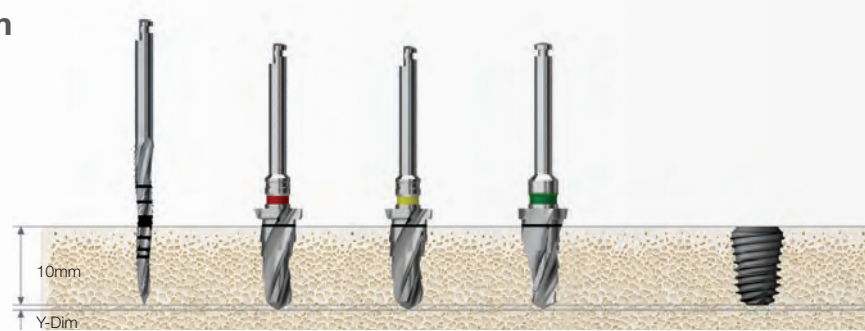
(Length : 10mm)

Ø6.0mm



Bone Quality	Sidecut Drill	122 Taper Drill (F5.0)	122 Taper Drill (F5.5)	Ø6.0 Implant
D4	▶	▶		Implant Placement
Soft	▶	▶	▶	

Ø7.0mm



Bone Quality	Sidecut Drill	122 Taper Drill (F5.0)	122 Taper Drill (F5.5)	122 Taper Drill (F6.0)	Ø7.0 Implant
D4	▶	▶	▶		Implant Placement
Soft	▶	▶	▶	▶	



F5.5 taper cortical drill marking line : Bottom line for placing 6mm or smaller implants, midline for 7mm implants, and top line for 8,5mm or greater implants

Recommended placement torque ≤ 40Ncm

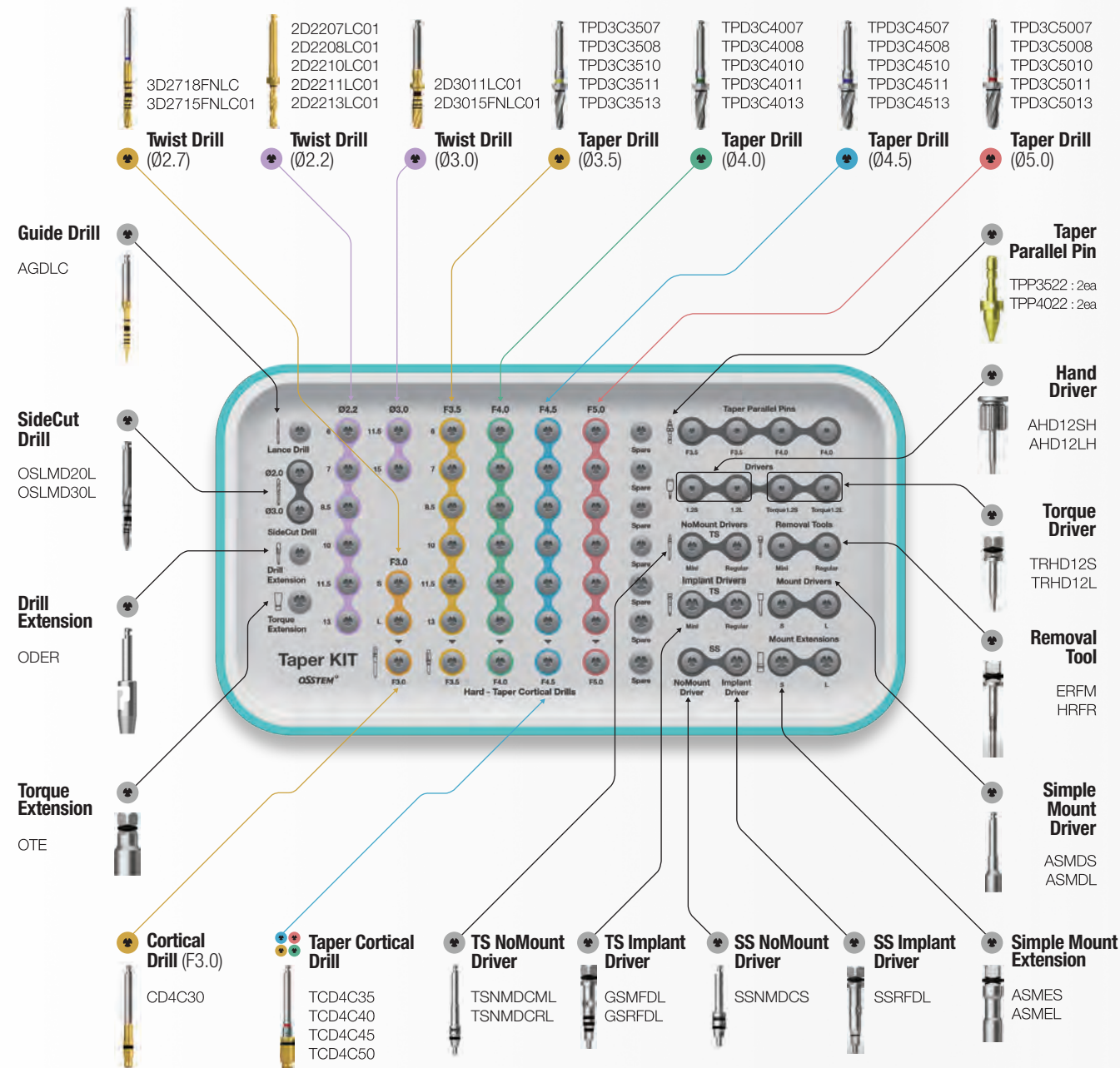
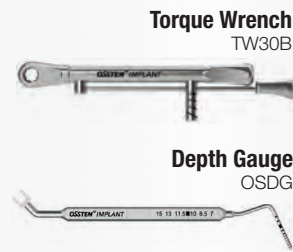
TS implant placement depth : For normal bones, 1mm deeper than the bone level; for soft bones, matched to the bone level to maintain the stability

Taper KIT (OTSK) RENEWAL 2021

Applicable Products

- TSIII / IV
- KSIII
- SSIII
- USIII / IV

Top panel components

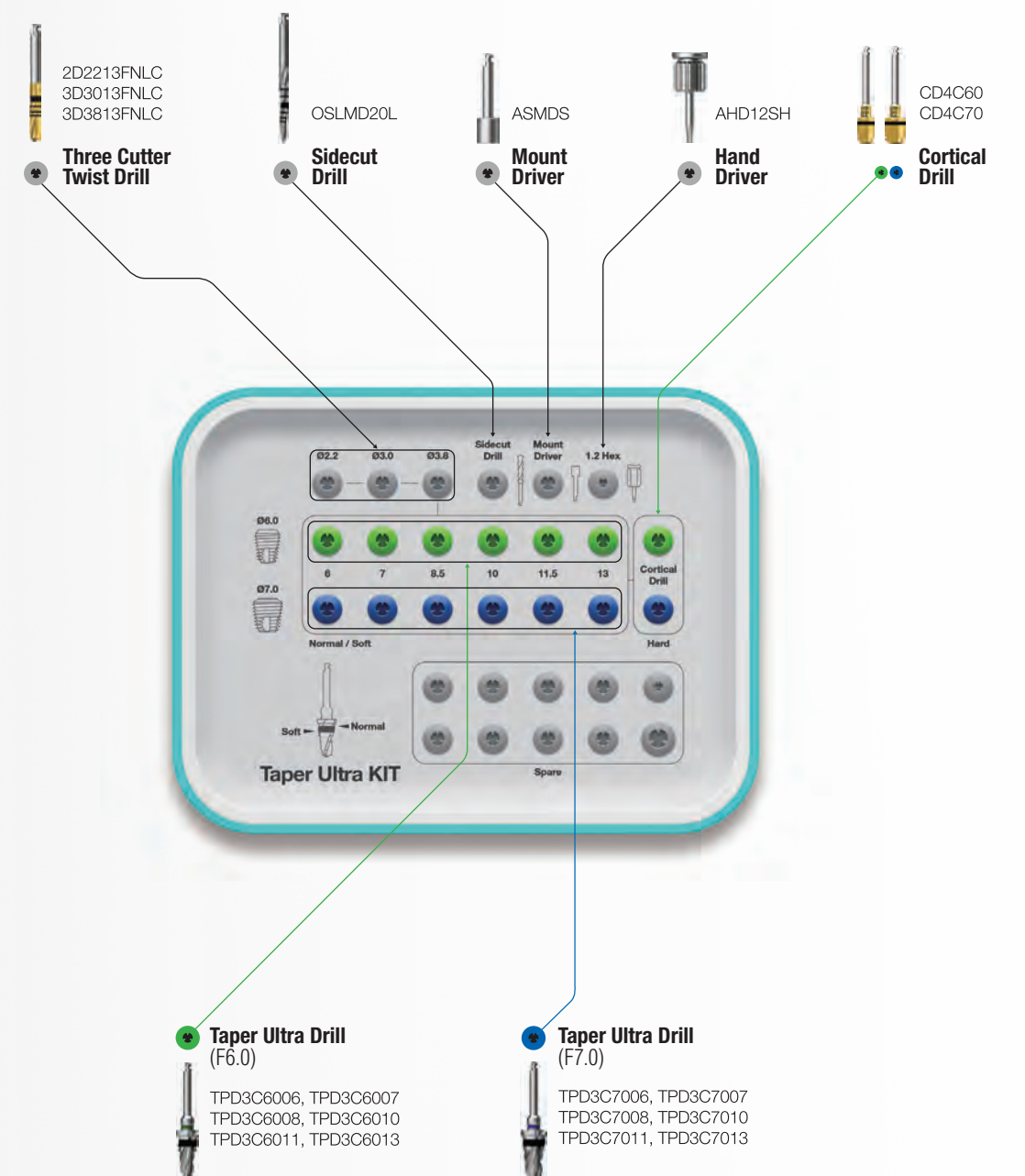


Taper Ultra KIT (OULTPK) RENEWAL 2022

Applicable Products

- III Ultra-wide

Top panel components



• More details on KIT components can be found in Surgical Instruments (390p-412p)

• More details on KIT components can be found in Surgical Instruments (390p-412p)

Drilling Sequence Taper Drill

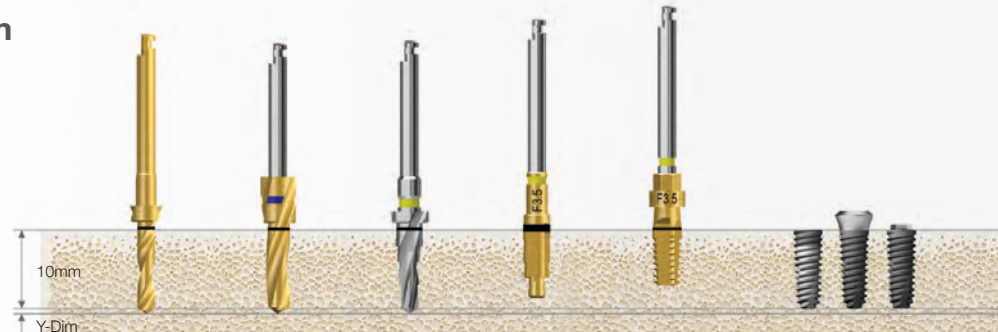
TSIII | KSIII | SSIII | USIII
(Length : 10mm)

Ø3.0mm



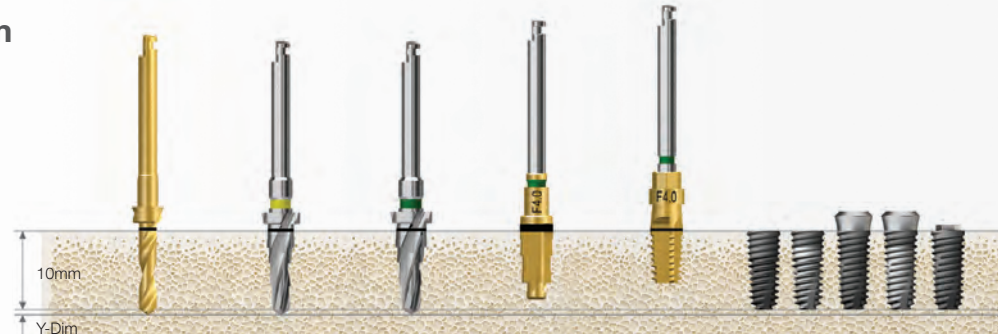
Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø2.7)	Cortical Drill (F3.0)	Ø3.0 Implant
Soft	▶			
Normal	▶	▶		Implant Placement
Hard	▶	▶	▶	

Ø3.5mm



Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø3.0)	Taper Drill (F3.5)	Taper Cortical Drill (F3.5)	Taper Implant Tap (F3.5)	Ø3.5 Implant
Soft	▶	▶				
Normal	▶		▶			Implant Placement
Hard	▶		▶	▶		
Hard (Option)	▶		▶		▶	

Ø4.0mm



Bone Quality	Twist Drill (Ø2.2)	Taper Drill (F3.5)	Taper Drill (F4.0)	Taper Cortical Drill (F4.0)	Taper Implant Tap (F4.0)	Ø4.0 Implant
Soft	▶	▶				
Normal	▶	▶	▶			Implant Placement
Hard	▶	▶	▶	▶		
Hard (Option)	▶	▶	▶		▶	

Taper cortical drill marking line : Bottom line for placing 8,5mm or greater implants, and top line for 10mm or greater implants

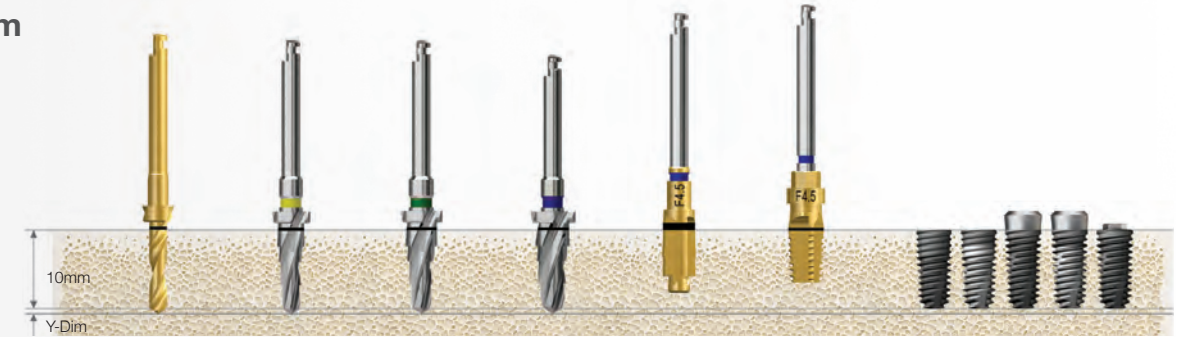
Recommended placement torque ≤ 40Ncm

TS implant placement depth : For normal bones, 1mm deeper than the bone level; for soft bones, matched to the bone level to maintain the stability

For implant tap used in hard bones, engine (25rpm recommended) is used or a torque wrench is used after assembling mount extension

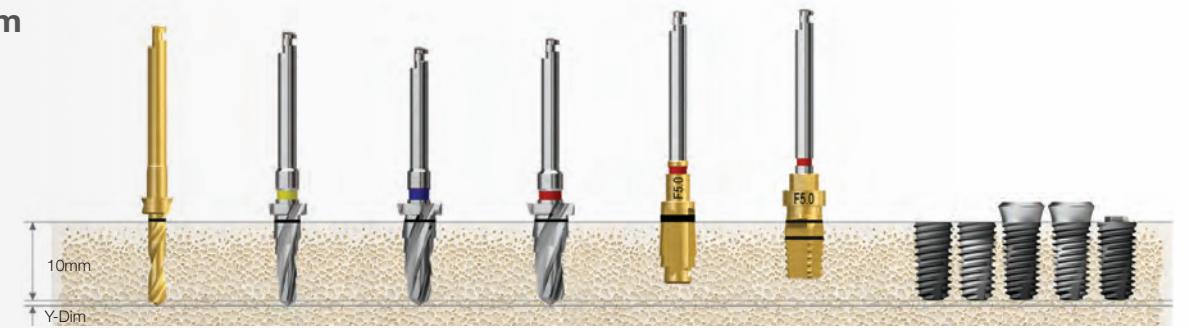
(F5.0 Implant Tap : Bottom line for placing 7.0mm or smaller implants, and top line for 8.5mm or greater implants)

Ø4.5mm



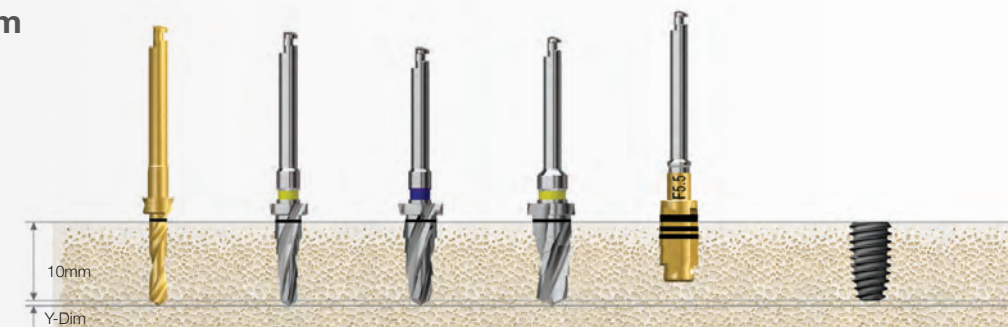
Bone Quality	Twist Drill (Ø2.2)	Taper Drill (F3.5)	Taper Drill (F4.0)	Taper Drill (F4.5)	Taper Cortical Drill (F4.5)	Taper Implant Tap (F4.5)	Ø4.5 Implant
Soft	▶	▶	▶				
Normal	▶	▶		▶			Implant Placement
Hard	▶	▶		▶	▶		
Hard (Option)	▶	▶		▶		▶	

Ø5.0mm



Bone Quality	Twist Drill (Ø2.2)	Taper Drill (F3.5)	Taper Drill (F4.5)	Taper Drill (F5.0)	Taper Cortical Drill (F5.0)	Taper Implant Tap (F5.0)	Ø5.0 Implant
Soft	▶	▶	▶				
Normal	▶	▶	▶	▶			Implant Placement
Hard	▶	▶	▶	▶	▶		
Hard (Option)	▶	▶	▶	▶		▶	

Ø5.5mm



Bone Quality	Twist Drill (Ø2.2)	Taper Drill (F3.5)	Taper Drill (F4.5)	Taper Drill (F5.5)	Taper Implant Tap (F5.5)	Ø5.5 Implant
Soft	▶	▶	▶			
Normal	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶	▶	

Drilling Sequence **Taper Drill**

TSIV | USIV

(Length : 10mm)

Ø4.0mm



Bone Quality	Twist Drill (Ø2.2)	Taper Drill (F3.5)	Ø4.0 Implant
D4	▶		Implant Placement
Soft	▶	▶	

Ø4.5mm



Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø3.0)	Taper Drill (F3.5)	Taper Drill (F4.0)	Ø4.5 Implant
D4		▶			Implant Placement
Soft	▶		▶	▶	

Ø5.0mm



Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø3.0)	Taper Drill (F3.5)	Taper Drill (F4.5)	Ø5.0 Implant
D4		▶			Implant Placement
Soft	▶		▶	▶	

Drilling Sequence **Taper Drill**

**TSIII Ultra-wide | KSIII Ultra-wide | SSIII Ultra-wide
USIII Ultra-wide**

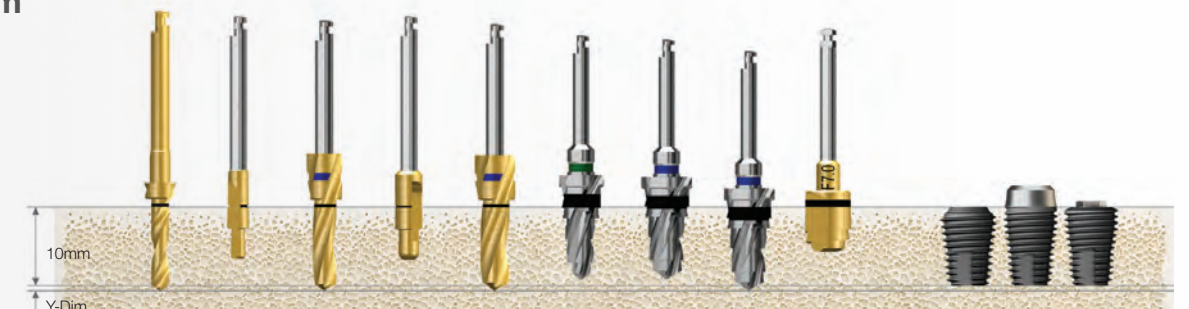
(Length : 10mm)

Ø6.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Taper Drill (F6.0)	Taper Drill (F6.0)	Cortical Drill (F6.0)	Ø6.0 Implant
Soft	▶	▶	▶	▶		▶			Implant Placement
Normal	▶	▶	▶	▶	▶		▶		
Hard	▶	▶	▶	▶	▶		▶	▶	

Ø7.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Taper Drill (F6.0)	Taper Drill (F7.0)	Taper Drill (F7.0)	Cortical Drill (F7.0)	Ø7.0 Implant
Soft	▶	▶	▶	▶		▶	▶			Implant Placement
Normal	▶	▶	▶	▶	▶	▶		▶		
Hard	▶	▶	▶	▶	▶	▶		▶	▶	

Recommended placement torque ≤ 40Ncm

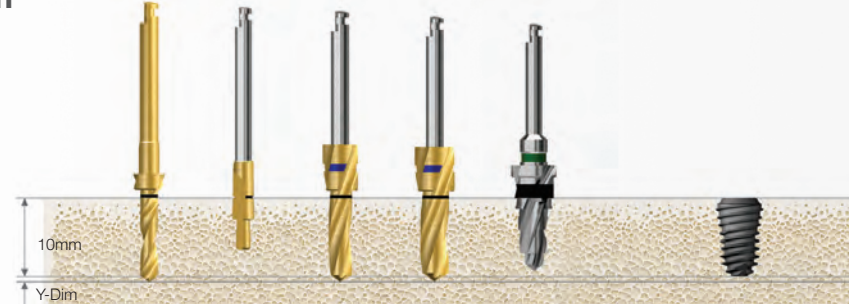
TS implant placement depth : For normal/hard bones, 1mm deeper than the bone level; for soft bones, matched to the bone level to maintain the stability

Drilling Sequence **Taper Drill**

TSIV Ultra-wide

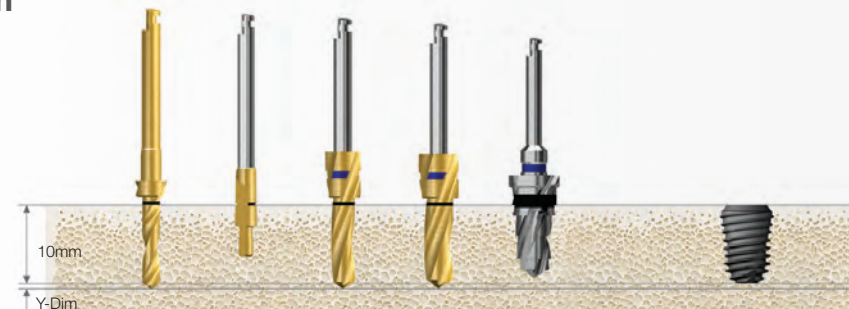
(Length : 10mm)

Ø6.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Twist Drill (Ø3.8)	Taper Drill (F6.0)	Ø6.0 Implant
D4	▶			▶		Implant Placement
Soft	▶	▶	▶		▶	

Ø7.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Twist Drill (Ø3.8)	Taper Drill (F7.0)	Ø7.0 Implant
D4	▶			▶		Implant Placement
Soft	▶	▶	▶		▶	

OSSTEM[®]
IMPLANT

Recommended placement torque ≤ 40Ncm

TS implant placement depth : For normal/hard bones, 1mm deeper than the bone level; for soft bones, matched to the bone level to maintain the stability

123 Straight Simple KIT (O123K) RENEWAL 2021

Applicable Products

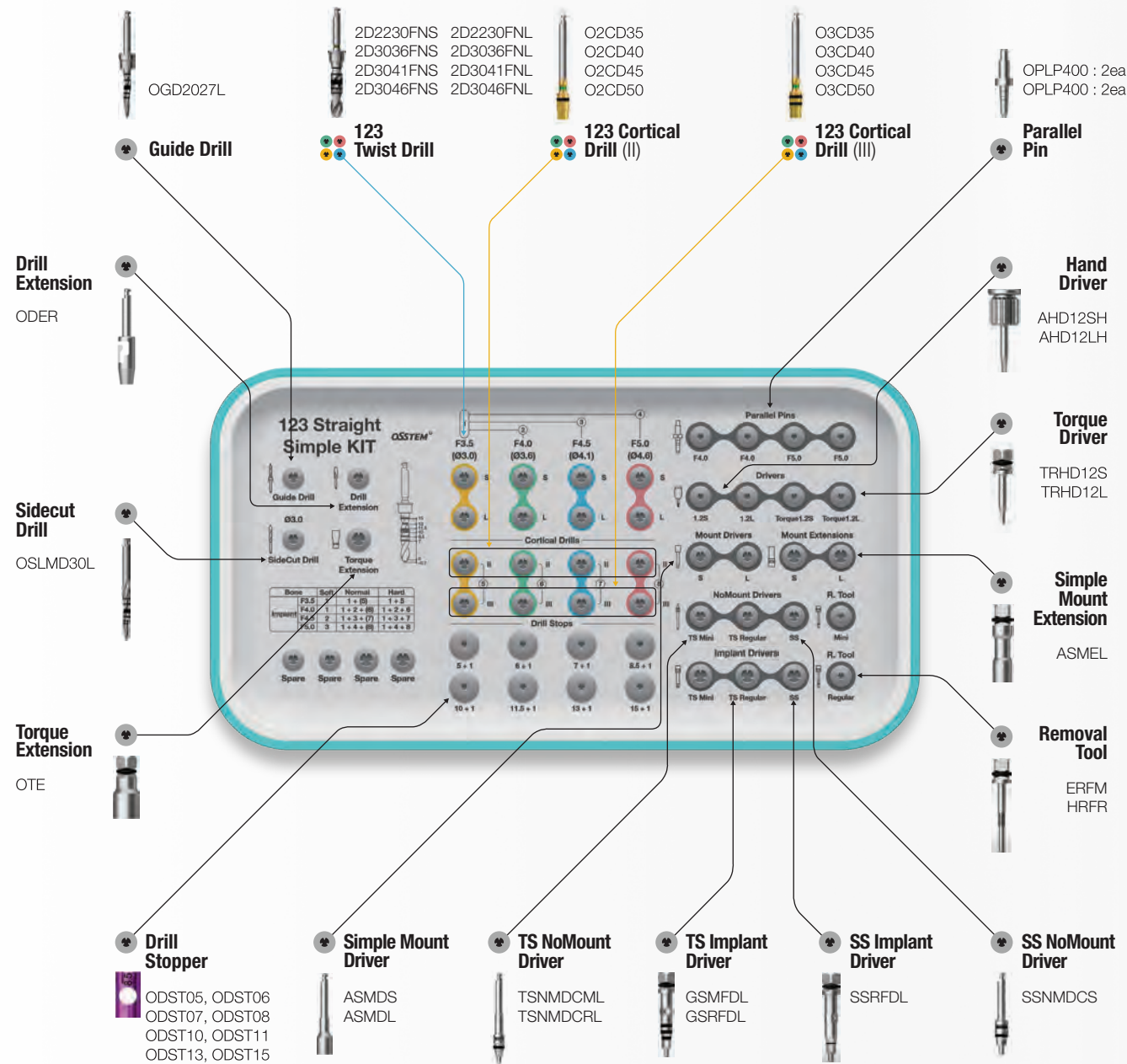


Top panel components

Torque Wrench
TW30B



Depth Gauge
OSDG



• More details on KIT components can be found in Surgical Instruments (390p~412p)

123 Straight KIT (O123FK) RENEWAL 2021

Applicable Products

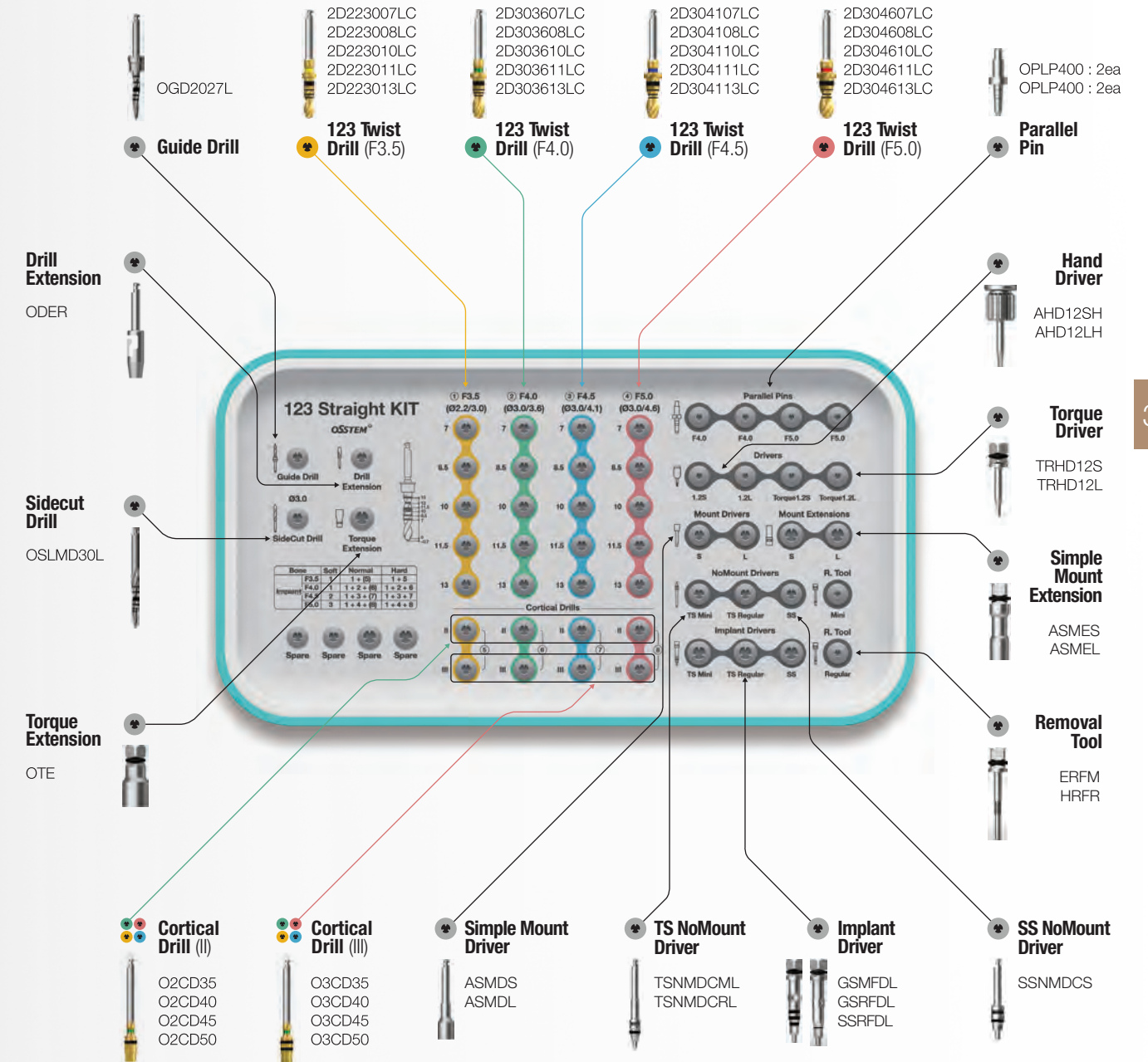


Top panel components

Torque Wrench
TW30B



Depth Gauge
OSDG



• More details on KIT components can be found in Surgical Instruments (390p~412p)

123 Straight Full KIT (O123STFK) RENEWAL 2021

Applicable Products

TSIII / IV

KSIII

SSIII

USIII / IV

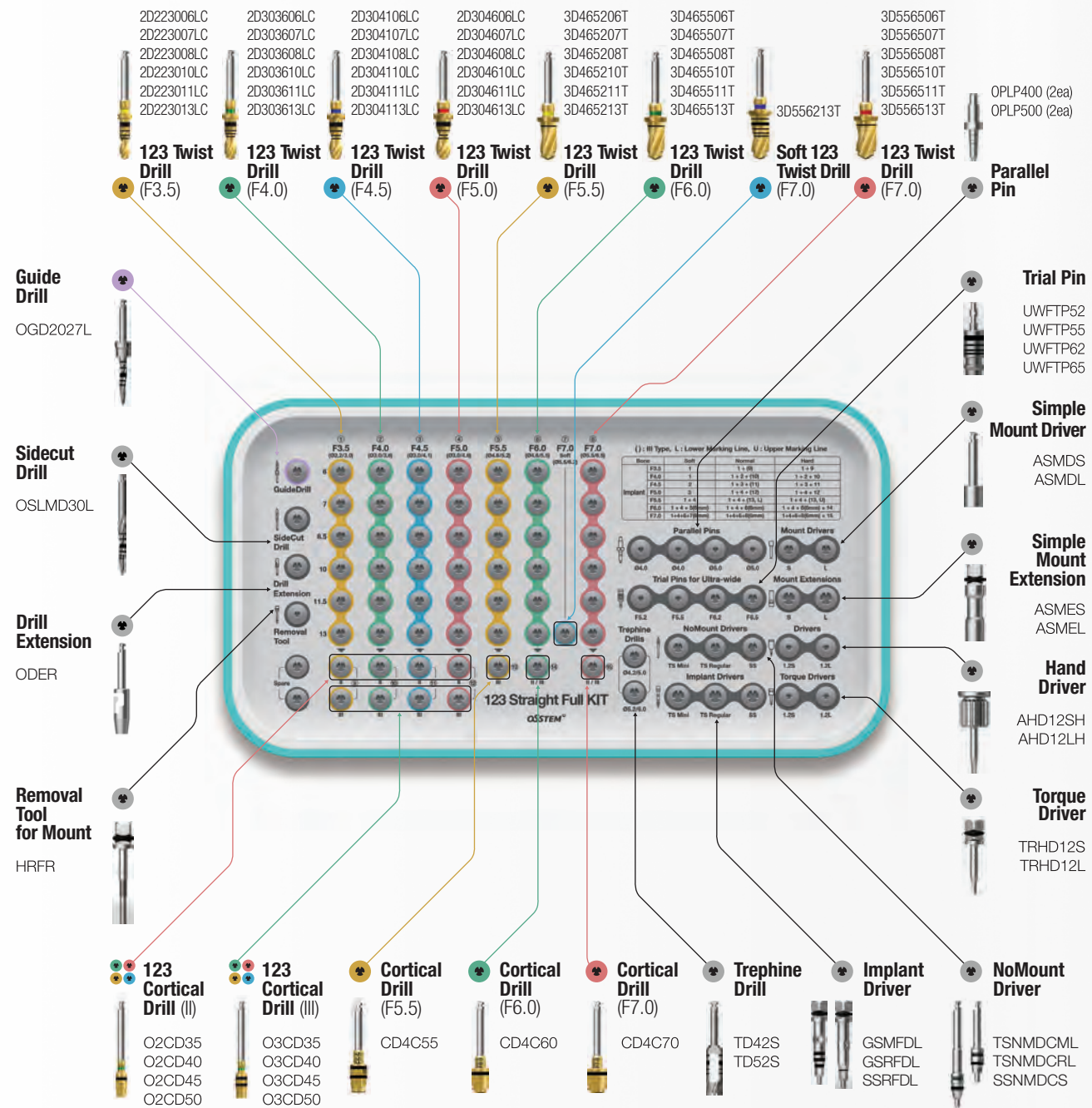
III / IV Ultra-wide

Top panel components

Torque Wrench
TW30B



Depth Gauge
OSDG



OSSTEM[®]
IMPLANT

• More details on KIT components can be found in Surgical Instruments (390p-412p)

Drilling Sequence II Type 123 Twist Drill

TSII | SSII | USII

(Length : 10mm)

Ø3.5mm



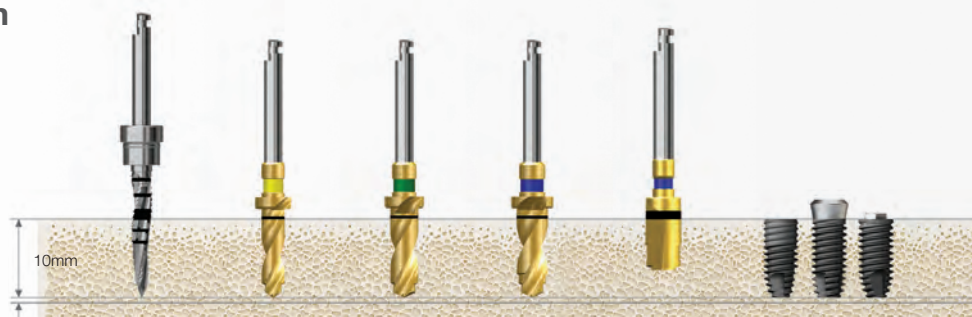
Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Cortical Drill	Ø3.5 Implant
Soft	▶	▶		Implant Placement
Normal	▶	▶		
Hard	▶	▶	▶	

Ø4.0mm



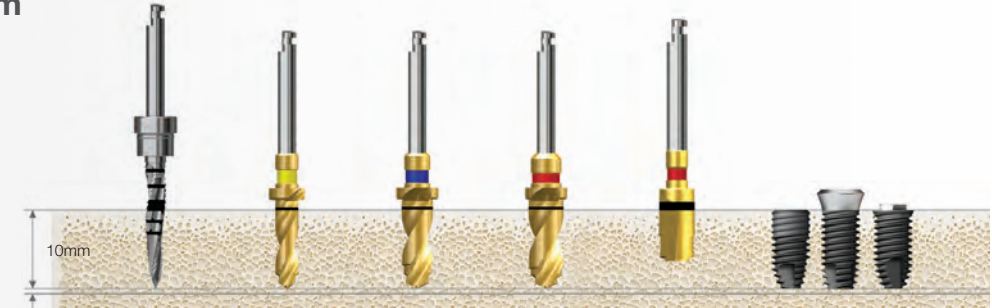
Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/3.6)	Cortical Drill	Ø4.0 Implant
Soft	▶	▶			Implant Placement
Normal	▶	▶	▶		
Hard	▶	▶	▶	▶	

Ø4.5mm



Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/3.6)	Twist Drill (Ø3.0/4.1)	Cortical Drill	Ø4.5 Implant
Soft	▶		▶			Implant Placement
Normal	▶	▶		▶		
Hard	▶	▶		▶	▶	

Ø5.0mm



Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/4.1)	Twist Drill (Ø3.0/4.6)	Cortical Drill	Ø5.0 Implant
Soft	▶		▶			Implant Placement
Normal	▶	▶		▶		
Hard	▶	▶		▶	▶	

Drilling Sequence III Type 123 Twist Drill

TSIII | KSIII | SSIII | USIII

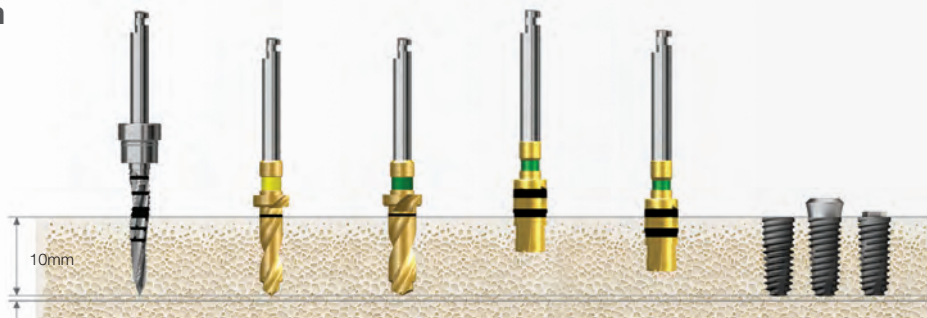
(Length : 10mm)

Ø3.5mm



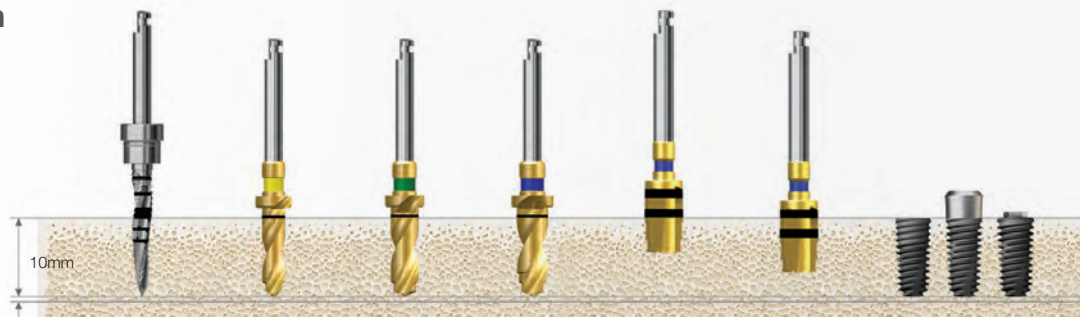
Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Cortical Drill (F3.5) Bottom line	Cortical Drill (F3.5) Top line	Ø3.5 Implant
Soft	▶	▶			
Normal	▶	▶	▶		Implant Placement
Hard	▶	▶		▶	

Ø4.0mm



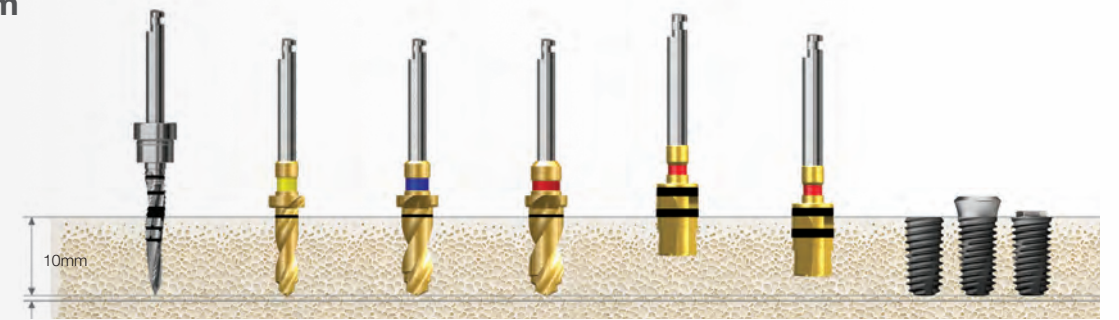
Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/3.6)	Cortical Drill (F4.0) Bottom line	Cortical Drill (F4.0) Top line	Ø4.0 Implant
Soft	▶	▶				
Normal	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶		▶	

Ø4.5mm



Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/3.6)	Twist Drill (Ø3.0/4.1)	Cortical Drill (F4.5) Bottom line	Cortical Drill (F5.0) Top line	Ø4.5 Implant
Soft	▶		▶				
Normal	▶	▶		▶	▶		Implant Placement
Hard	▶	▶	▶	▶		▶	

Ø5.0mm



Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/4.1)	Twist Drill (Ø3.0/4.6)	Cortical Drill (F5.0) Bottom line	Cortical Drill (F5.0) Top line	Ø5.0 Implant
Soft	▶			▶			
Normal	▶	▶		▶	▶		Implant Placement
Hard	▶	▶	▶	▶		▶	

Ø5.5mm



Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/4.6)	Cortical Drill (F5.5) Bottom line	Cortical Drill (F5.5) Top line	Ø5.5 Implant
Soft	▶	▶	▶			
Normal	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶		▶	

Drilling Sequence **Ultra-wide 123 Twist Drill**

TSII Ultra-wide | **SSII Ultra-wide** | **USII Ultra-wide**

(Length : 10mm)

Ø6.0mm



Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/4.6)	Twist Drill (Ø4.6/5.2)	Twist Drill (Ø4.6/5.5)	Cortical Drill (F6.0)	Ø6.0 Implant
Soft	▶	▶	▶	▶			
Normal	▶	▶	▶		▶		Implant Placement
Hard	▶	▶	▶		▶	▶	

Ø7.0mm



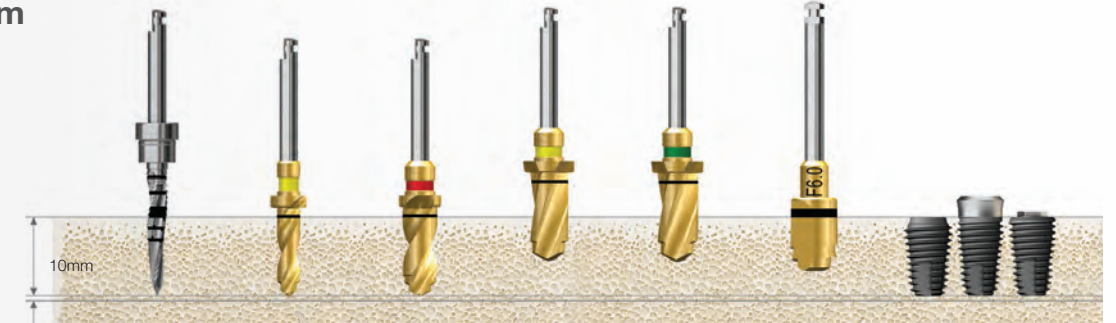
Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/4.6)	Twist Drill (Ø4.6/5.5)	Twist Drill (Ø4.6/5.5) (F7.0 Soft)	Twist Drill (Ø5.5/6.5)	Cortical Drill (F7.0)	Ø7.0 Implant
Soft	▶	▶	▶	▶	▶			
Normal	▶	▶	▶	▶		▶		Implant Placement
Hard	▶	▶	▶	▶		▶	▶	

Drilling Sequence **Ultra-wide 123 Twist Drill**

TSIII Ultra-wide | **KSIII Ultra-wide** | **SSIII Ultra-wide**
USIII Ultra-wide

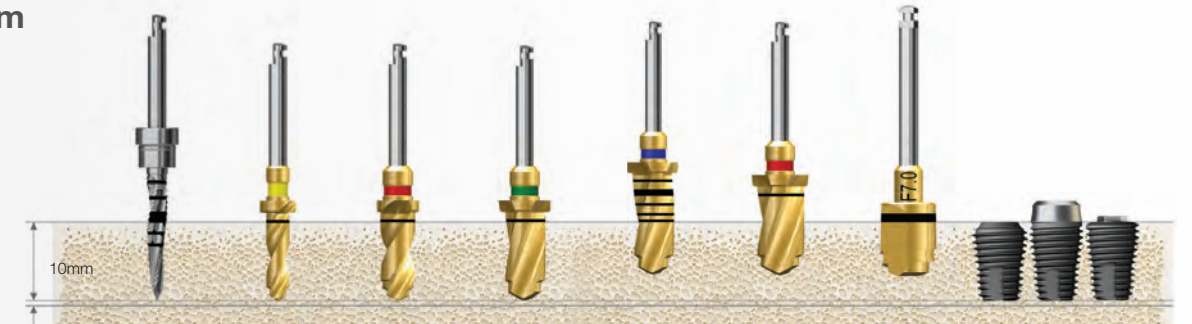
(Length : 10mm)

Ø6.0mm



Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/4.6)	Twist Drill (Ø4.6/5.2)	Twist Drill (Ø4.6/5.5)	Cortical Drill (F6.0)	Ø6.0 Implant
Soft	▶	▶	▶	▶	▶(6mm)		
Normal	▶	▶	▶		▶(6mm)		Implant Placement
Hard	▶	▶	▶		▶(6mm)	▶	

Ø7.0mm

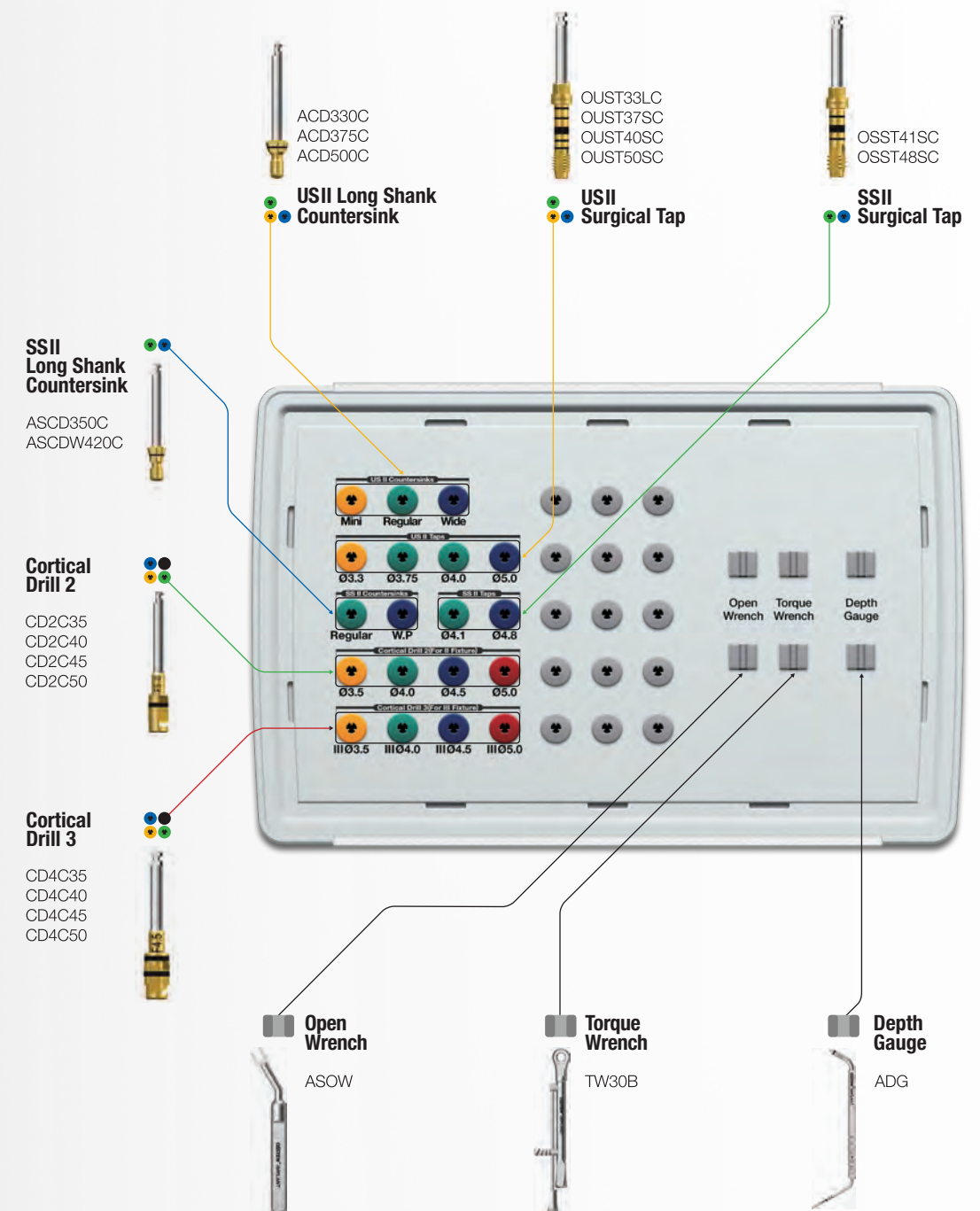
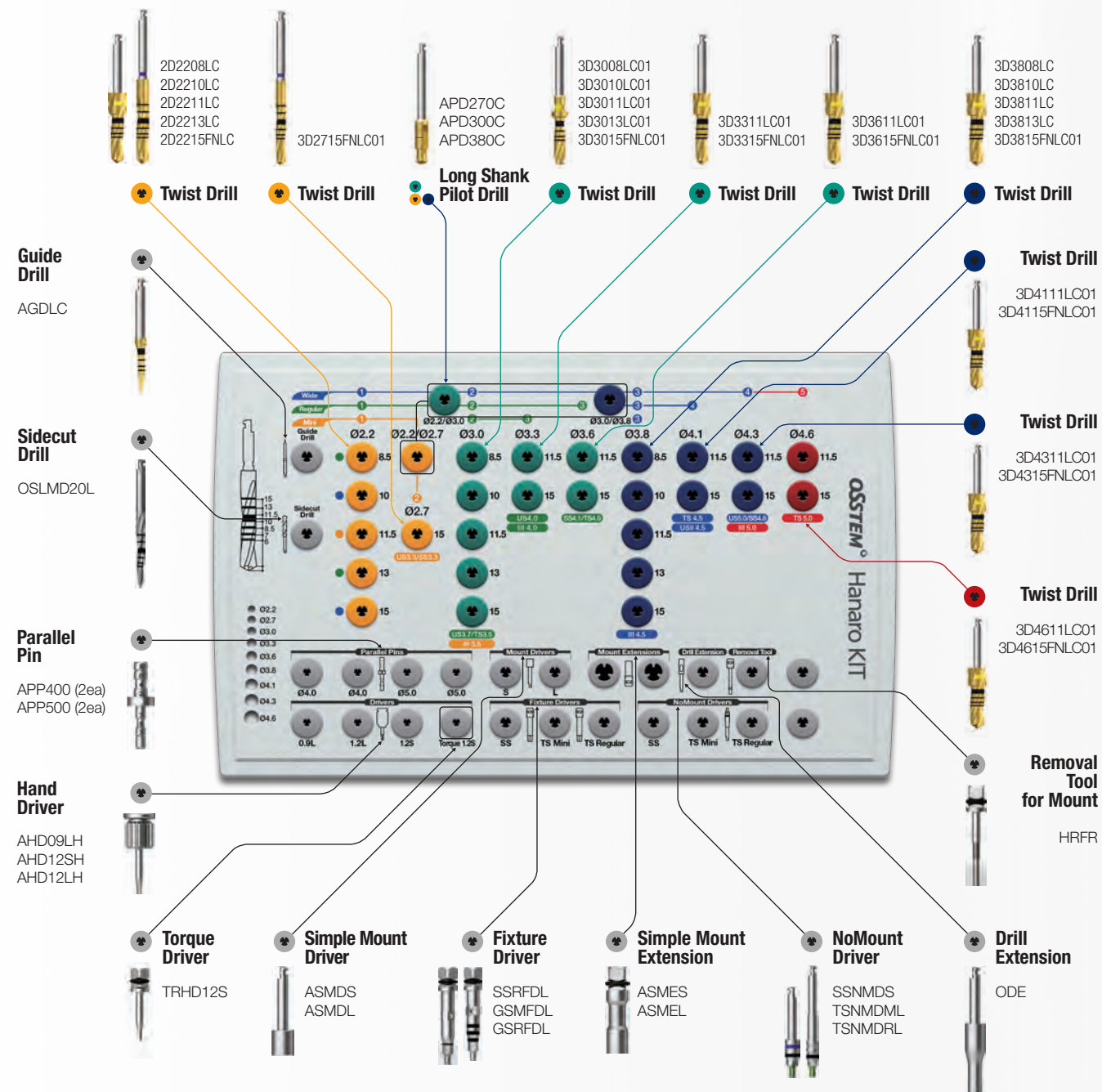


Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/4.6)	Twist Drill (Ø4.6/5.5)	Twist Drill (Ø5.5/6.2) (F7.0 Soft)	Twist Drill (Ø5.5/6.5)	Cortical Drill (F7.0)	Ø7.0 Implant
Soft	▶	▶	▶	▶	▶(6mm)			
Normal	▶	▶	▶	▶		▶(6mm)		Implant Placement
Hard	▶	▶	▶	▶		▶(6mm)	▶	

New Hanaro KIT (HKA2) 2013.03

Applicable Products

- TSII / III
- KSIII
- SSII / III
- USII / III
- II / III Ultra-wide



• More details on KIT components can be found in Surgical Instruments (390p~412p)

• More details on KIT components can be found in Surgical Instruments (390p~412p)

Ultra KIT (OUK) RENEWAL 2022

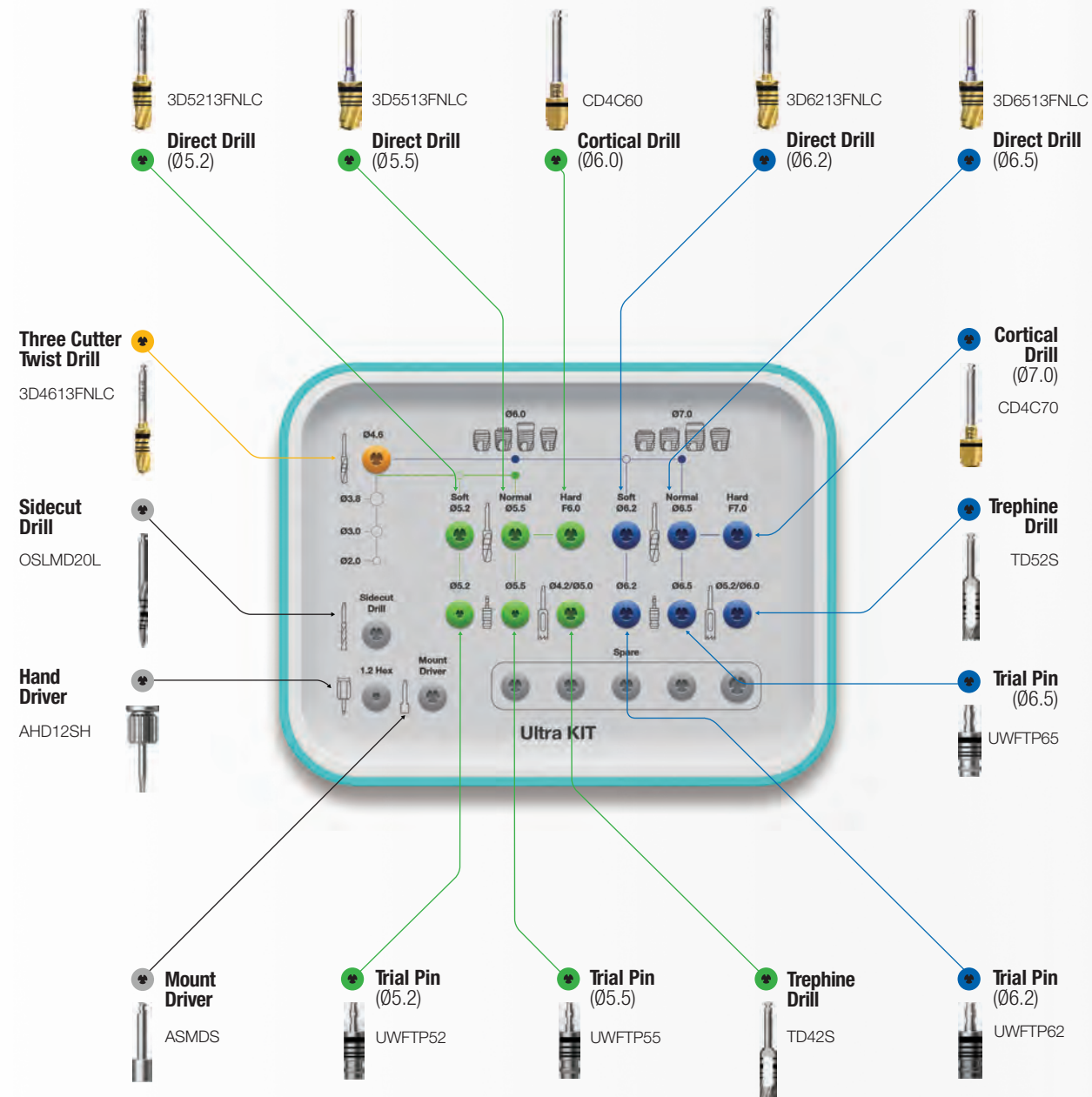
Applicable Products **Ultra-wide**

Top panel components

Open Wrench
ASOW



Ratchet Wrench
CITQW-1185A



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IMPLANT

• More details on KIT components can be found in Surgical Instruments (390p-412p)

Drilling Sequence II Type Straight Drill

TSII | SSII | USII

(Length : 10mm)

Ø3.5mm



Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø2.7)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Cortical Drill (F3.5)	Straight Implant Tap (F3.5)	Ø3.5 Implant
Soft	▶	▶					
Normal	▶		▶	▶			Implant Placement
Hard	▶		▶	▶	▶		
Hard (Option)	▶		▶	▶		▶	

Ø4.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Twist Drill (Ø3.3)	Twist Drill (Ø3.8)	Cortical Drill (F4.0)	Straight Implant Tap (F4.0)	Ø4.0 Implant
Soft	▶	▶	▶	▶				
Normal	▶	▶	▶		▶			Implant Placement
Hard	▶	▶	▶		▶	▶		
Hard (Option)	▶	▶	▶		▶		▶	

Ø4.5mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.1)	Cortical Drill (F4.5)	Straight Implant Tap (F4.5)	Ø4.5 Implant
Soft	▶	▶	▶	▶	▶				
Normal	▶	▶	▶	▶	▶	▶			Implant Placement
Hard	▶	▶	▶	▶	▶	▶	▶		
Hard (Option)	▶	▶	▶	▶	▶	▶		▶	

Ø5.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.3)	Twist Drill (Ø4.6)	Cortical Drill (F5.0)	Straight Implant Tap (F5.0)	Ø5.0 Implant
Soft	▶	▶	▶	▶	▶	▶				
Normal	▶	▶	▶	▶	▶		▶			Implant Placement
Hard	▶	▶	▶	▶	▶		▶	▶		
Hard (Option)	▶	▶	▶	▶	▶		▶		▶	

Recommended placement torque ≤ 40Ncm

TS implant placement depth : For normal/hard bones, 1mm deeper than the bone level; for soft bones, matched to the bone level to maintain the stability
For implant tap used in hard bones, engine (25rpm recommended) is used or a torque wrench is used after assembling mount extension

Drilling Sequence III Type Straight Drill

TSIII | KSIII | SSIII | USIII

(Length : 10mm)

Ø3.0mm



Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø2.7)	Cortical Drill 2 (F3.0)	Ø3.0 Implant
Soft	▶			
Normal	▶	▶		Implant Placement
Hard	▶	▶	▶	

Ø3.5mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø2.2)	Cortical Drill 3 (F3.5)	Cortical Drill 3 (F3.5)	Ø3.5 Implant
Soft	▶	▶	▶			
Normal	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶		▶	

Ø4.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Twist Drill (Ø3.3)	Cortical Drill 3 (F4.0)	Cortical Drill 3 (F4.0)	Ø4.0 Implant
Soft	▶	▶	▶	▶			
Normal	▶	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶		▶	

Recommended placement torque ≤ 40Ncm

TS implant placement depth : For normal/hard bones, 1mm deeper than the bone level; for soft bones, matched to the bone level to maintain the stability

Ø4.5mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Cortical Drill 3 (F4.5)	Cortical Drill 3 (F4.5)	Ø4.5 Implant
Soft	▶	▶	▶	▶	▶			
Normal	▶	▶	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶	▶		▶	

Ø5.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.3)	Cortical Drill 3 (F5.0)	Cortical Drill 3 (F5.0)	Ø5.0 Implant
Soft	▶	▶	▶	▶	▶				
Normal	▶	▶	▶	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶	▶	▶		▶	

Ø5.5mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.6)	Cortical Drill 3 (F5.5)	Cortical Drill 3 (F5.5)	Ø5.5 Implant
Soft	▶	▶	▶	▶	▶	▶			
Normal	▶	▶	▶	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶	▶	▶		▶	

Drilling Sequence IV Type Straight Drill

TSIV | USIV

(Length : 10mm)

Ø4.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Twist Drill (Ø3.0 Half)	Ø4.0 Implant
D4	▶				Implant Placement
Soft	▶	▶	▶	▶	

Ø4.5mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.1 Half)	Ø4.5 Implant
D4			▶				Implant Placement
Soft	▶	▶	▶	▶	▶	▶	

Ø5.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.6 Half)	Ø5.0 Implant
D4			▶				Implant Placement
Soft	▶	▶	▶	▶	▶	▶	

Drilling Sequence Ultra-wide Straight Drill

TSII Ultra-wide | SSII Ultra-wide | USII Ultra-wide

(Length : 10mm)

Ø6.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.6)	Direct Drill (Ø5.2)	Direct Drill (Ø5.5)	Cortical Drill (F6.0)	Ø6.0 Implant
Soft	▶	▶	▶	▶	▶	▶	▶			Implant Placement
Normal	▶	▶	▶	▶	▶	▶		▶		
Hard	▶	▶	▶	▶	▶	▶		▶	▶	

Ø7.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.6)	Direct Drill (Ø5.5)	Direct Drill (Ø6.2)	Direct Drill (Ø6.5)	Cortical Drill (F7.0)	Ø7.0 Implant
Soft	▶	▶	▶	▶	▶	▶	▶	▶			Implant Placement
Normal	▶	▶	▶	▶	▶	▶	▶		▶		
Hard	▶	▶	▶	▶	▶	▶	▶		▶	▶	

Recommended placement torque ≤ 40Ncm

TSIV/USIV implants are specifically designed for sinus lift and soft bones, and not recommended for bone quality of normal bones or higher. In the case of TSIV/USIV implants, the speed of implant placement is fast due to the large pitch of the thread, and placing the implant by lowering the drilling speed to 15rpm or lower is recommended.

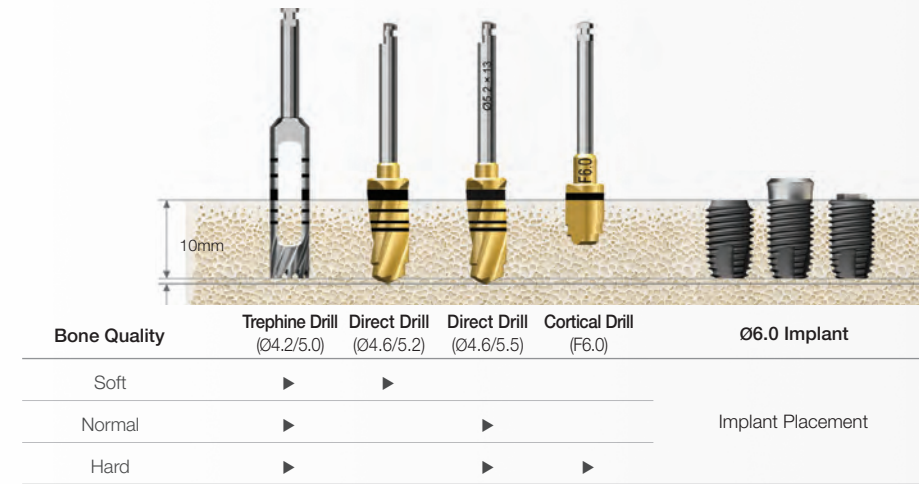
Drilling Sequence **Ultra-wide Straight Drill**

TSII Ultra-wide | **SSII Ultra-wide** | **USII Ultra-wide**

(Length : 10mm)

Ø6.0mm

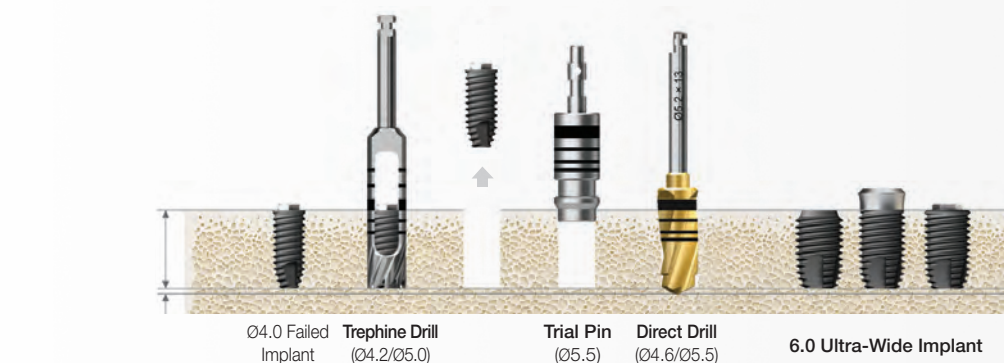
Drilling sequence with trephine in the healed mature bone



Immediate placement at the extraction socket



Immediate replacement of the failed implant



Drilling Sequence **Ultra-wide Straight Drill**

TSIII Ultra-wide | **KSIII Ultra-wide** | **SSIII Ultra-wide**
USIII Ultra-wide

(Length : 10mm)

Ø6.0mm



Ø7.0mm

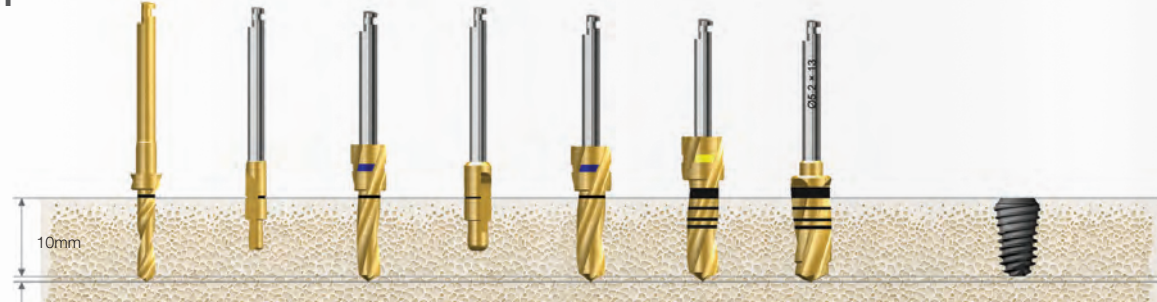


Recommended placement torque ≤ 40Ncm

TS implant placement depth : For normal/hard bones, 1mm deeper than the bone level; for soft bones, matched to the bone level to maintain the stability

Drilling Sequence **Ultra-wide Straight Drill**
TSIV Ultra-wide | **USIV Ultra-wide**
 (Length : 10mm)

Ø6.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.6)	Direct Drill (Ø5.2)	Ø6.0 Implant
D4	▶	▶			▶			Implant Placement
Soft	▶	▶	▶		▶		▶	

Ø7.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.6)	Direct Drill (Ø5.5)	Direct Drill (Ø6.2)	Ø7.0 Implant
D4	▶	▶			▶	▶			Implant Placement
Soft	▶	▶	▶	▶	▶	▶	▶	▶	

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485 KIT (O485K) RENEWAL 2021

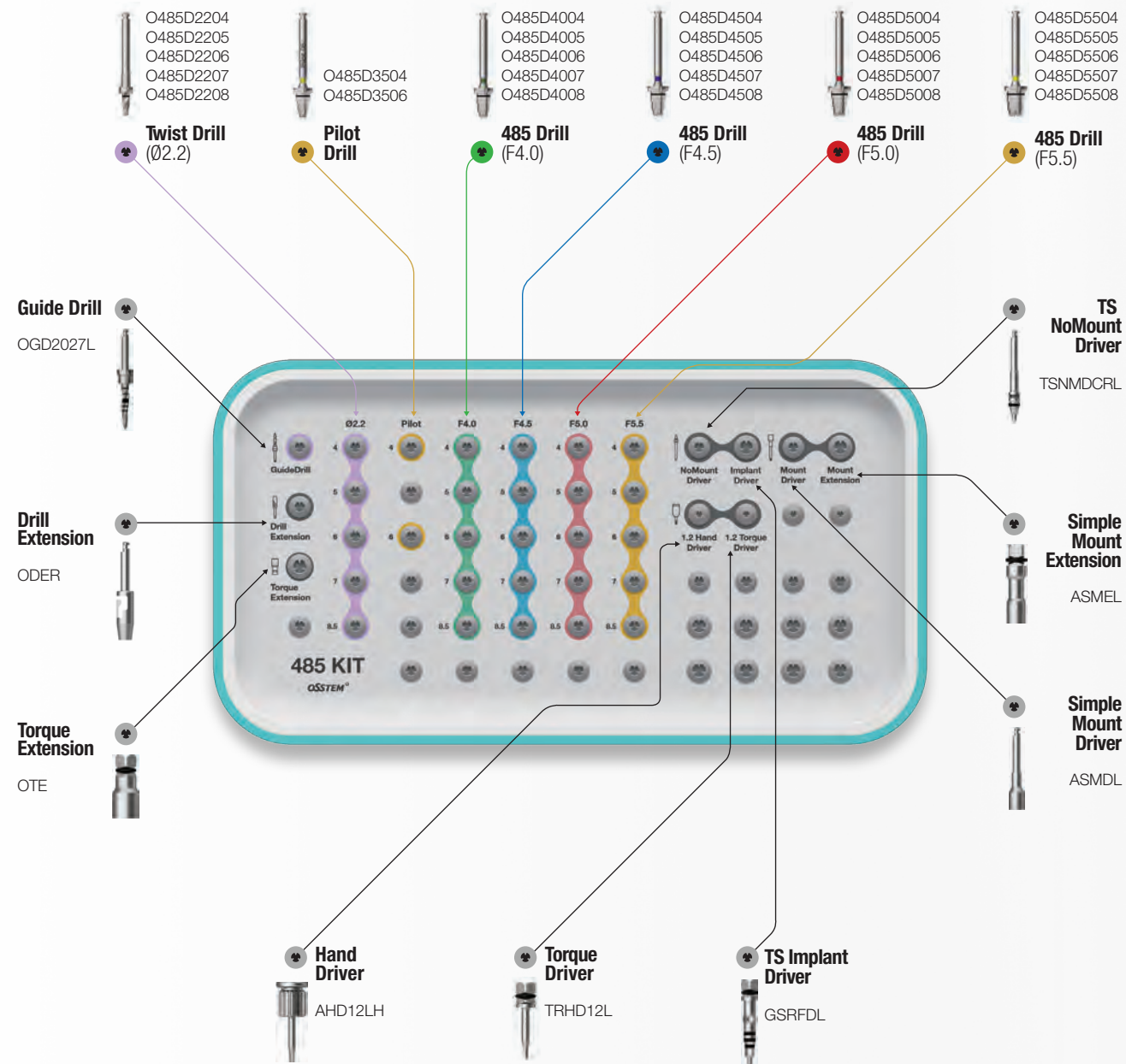
Applicable Products **TSIII** **KSIII** **SSIII** **USIII**

Top panel components

Torque Wrench
TW30B



Depth Gauge
OSDG



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Drilling Sequence **485 Drill**

TSIII | KSIII | SSIII | USIII

(Length : 7mm)

Ø4.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill	485 Drill (F4.0)	485 Drill (F4.5)	Ø4.0 Implant
Normal	▶	▶	▶		Implant Placement
Hard	▶	▶		▶	

Ø4.5mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill	485 Drill (F4.5)	485 Drill (F5.0)	Ø4.5 Implant
Normal	▶	▶	▶		Implant Placement
Hard	▶	▶		▶	

Ø5.0mm

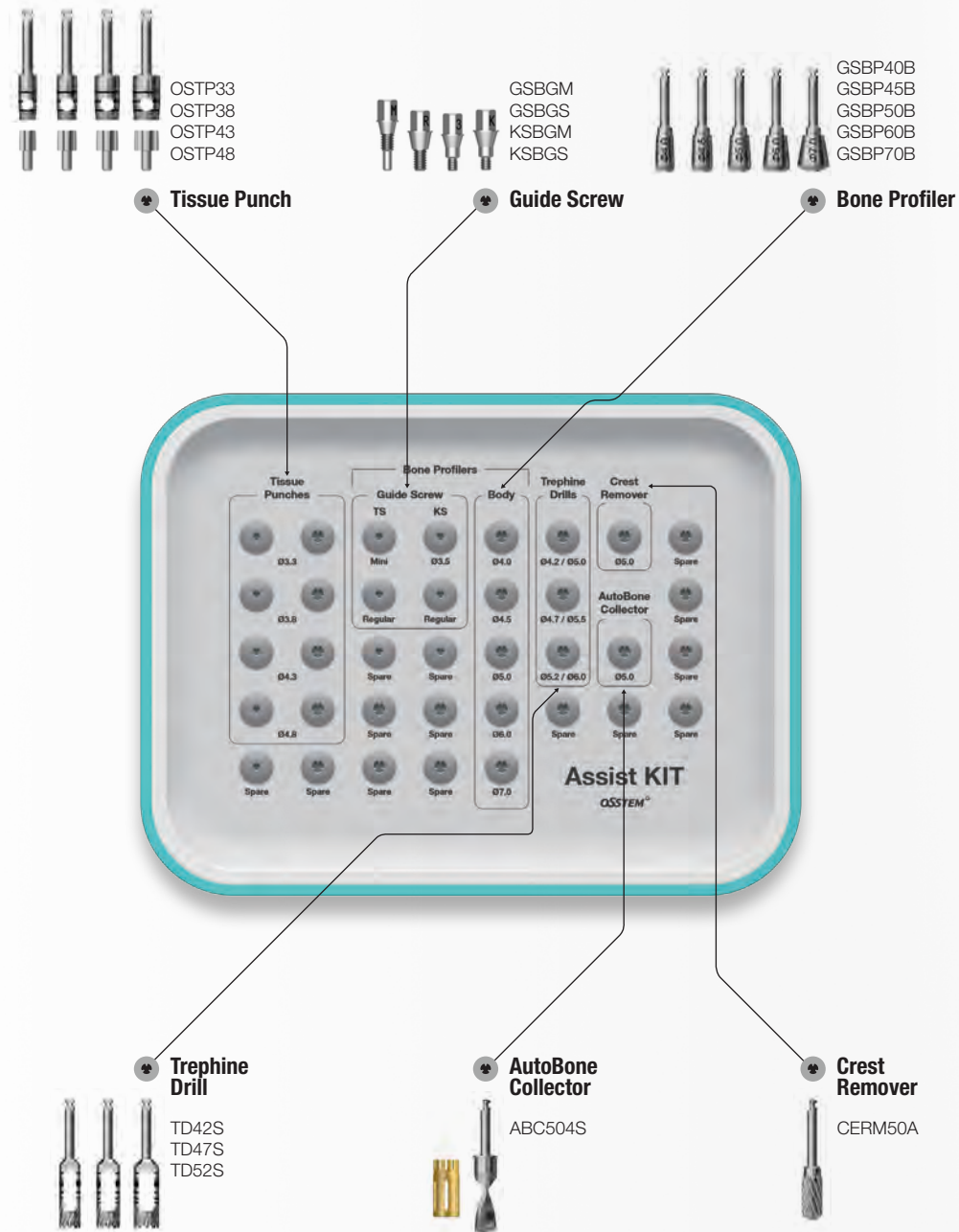


Bone Quality	Twist Drill (Ø2.2)	Pilot Drill	485 Drill (F5.0)	485 Drill (F5.5)	Ø 5.0 Implant
Normal	▶	▶	▶		Implant Placement
Hard	▶	▶		▶	

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Assist KIT (OAK) NEW 2020.10

- Bone profilers are only sold in the packing unit of "Guide Screw + Bone Profiler"
- For information on the order code for TS / KS Bone Profiler, please see page 402



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Surgical Instruments

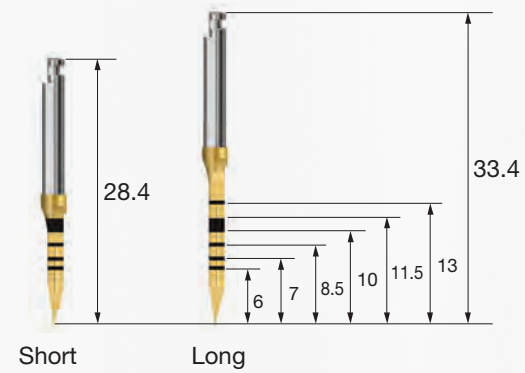
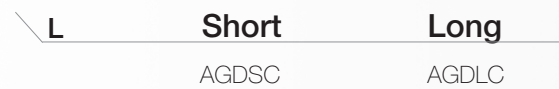
123 Guide Drill

- A drill for forming a hole to facilitate initial drilling
- Facilitating drilling depth adjustment by assembling a stopper



Lance Drill (Guide Drill)

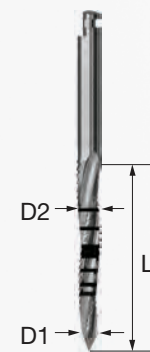
- Forming a hole to facilitate initial drilling
- Bone density determined through drilling



Sidecut Drill

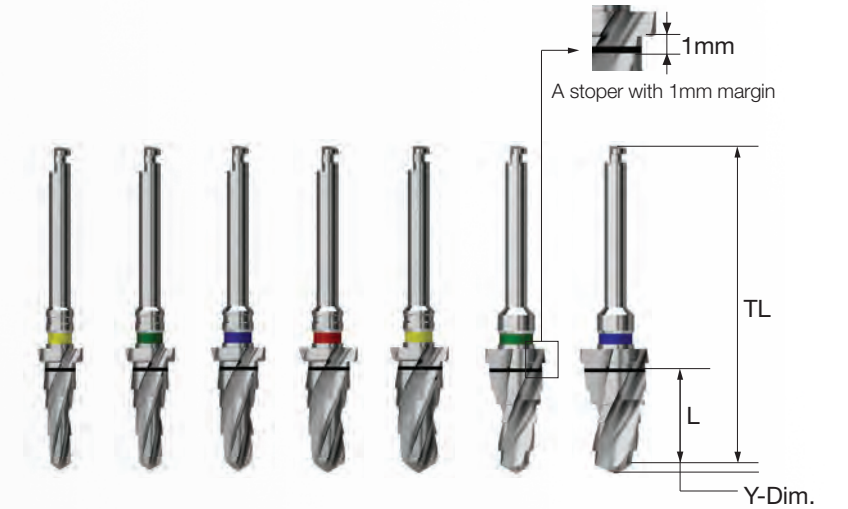
- A drill to remove the side parts with the cutting edge of the body
- Used for removing the ridge of a fresh extraction socket
- Facilitating site preparation of a fresh extraction socket

L	D1/D2	Ø1.5/2.0	Ø2.0/2.5	Ø3.0/3.5
13		OSLMDS	OSLMD20S	-
16.5		-	-	OSLMD30L
20		OSLMDL	OSLMD20L	-



122 Taper Drill

- Included in 122 Taper KIT
- A dedicated taper drill for taper (III type) implants types available for each diameter and length
- Color coded handle indicates the implant diameter
- A drill slightly larger in diameter is used for removing cortical bone from hard bone
- F = Final drill

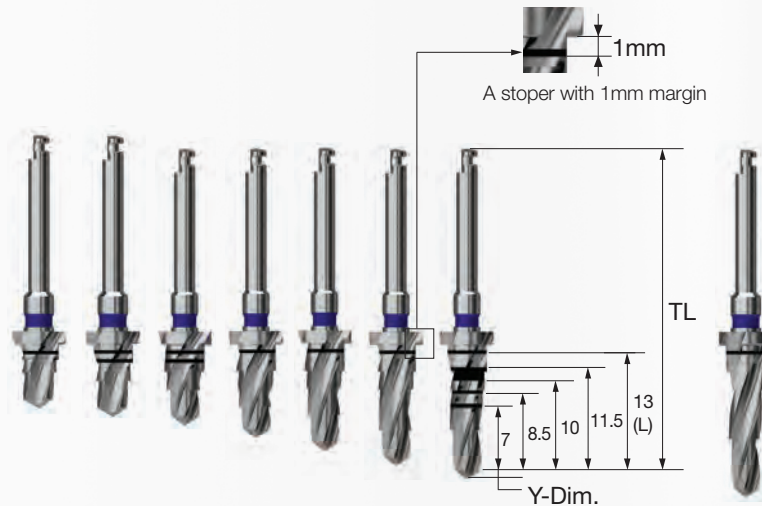


L	TL	F3.5	F4.0	F4.5	F5.0	F5.5	F6.0	F7.0
	Y-Dim.	0.7	0.9	1.0	1.0	1.0	1.0	1.0
4.0	29.5	122TPD3504	122TPD4004	122TPD4504	122TPD5004	122TPD5504	-	-
5.0	29.5	122TPD3505	122TPD4005	122TPD4505	122TPD5005	122TPD5505	-	-
6.0	30.5	122TPD3506	122TPD4006	122TPD4506	122TPD5006	122TPD5506	122TPD6006	122TPD7006
7.0	31.5	122TPD3507	122TPD4007	122TPD4507	122TPD5007	122TPD5507	122TPD6007	122TPD7007
8.5	33	122TPD3508	122TPD4008	122TPD4508	122TPD5008	122TPD5508	122TPD6008	122TPD7008
10	34.5	122TPD3510	122TPD4010	122TPD4510	122TPD5010	122TPD5510	122TPD6010	122TPD7010
11.5	34.5	122TPD3511	122TPD4011	122TPD4511	122TPD5011	122TPD5511	122TPD6011	122TPD7011
13	36	122TPD3513	122TPD4013	122TPD4513	122TPD5013	122TPD5513	122TPD6013	122TPD7013
15	38	122TPD3515	122TPD4015	122TPD4515	122TPD5015	122TPD5515	-	-
Color		Yellow	Green	Blue	Red	Yellow	Green	Blue

Surgical Instruments

Taper Drill

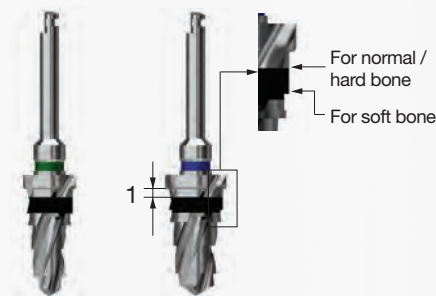
- Included in Taper KIT
- A dedicated taper drill for taper (III type) implants of each diameter and length
- A stopper drill with 1mm margin
- Color coded handle indicates the implant diameter
- F3.5: yellow, F4.0: green, F4.5: blue, F5.0: red, F5.5: yellow



L	TL	Diameter				
		F3.5	F4.0	F4.5	F5.0	F5.5
	Y-Dim.	0.8	0.9	1.0	1.0	1.0
5.0	29.5	TPD3C3505	TPD3C4005	TPD3C4505	TPD3C5005	-
6.0	30.5	TPD3C3506	TPD3C4006	TPD3C4506	TPD3C5006	TPD3C5506
7.0	31.5	TPD3C3507	TPD3C4007	TPD3C4507	TPD3C5007	TPD3C5507
8.5	33	TPD3C3508	TPD3C4008	TPD3C4508	TPD3C5008	TPD3C5508
10	34.5	TPD3C3510	TPD3C4010	TPD3C4510	TPD3C5010	TPD3C5510
11.5	34.5	TPD3C3511	TPD3C4011	TPD3C4511	TPD3C5011	TPD3C5511
13	36	TPD3C3513	TPD3C4013	TPD3C4513	TPD3C5013	TPD3C5513
15	38	TPD3C3515	TPD3C4015	TPD3C4515	TPD3C5015	TPD3C5515
Color		Yellow	Green	Blue	Red	Yellow

Taper Ultra Drill ^{2013.09}

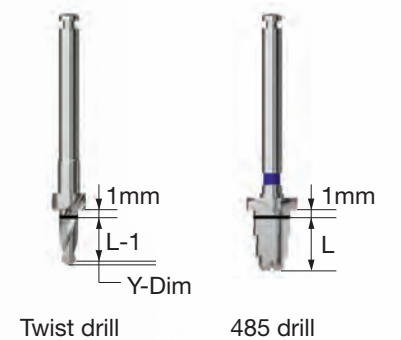
- Included in Taper Ultra KIT
- A dedicated taper drill for Taper Ultra-Wide implants of each diameter and length
- A stopper drill with 1mm margin
- Color coded handle indicates the implant diameter
- F = Final drill



L	Diameter	
	F6.0	F7.0
6	TPD3C6006	TPD3C7006
7	TPD3C6007	TPD3C7007
8.5	TPD3C6008	TPD3C7008
10	TPD3C6010	TPD3C7010
11.5	TPD3C6011	TPD3C7011
13	TPD3C6013	TPD3C7013
Color		Green Blue

485 Drill

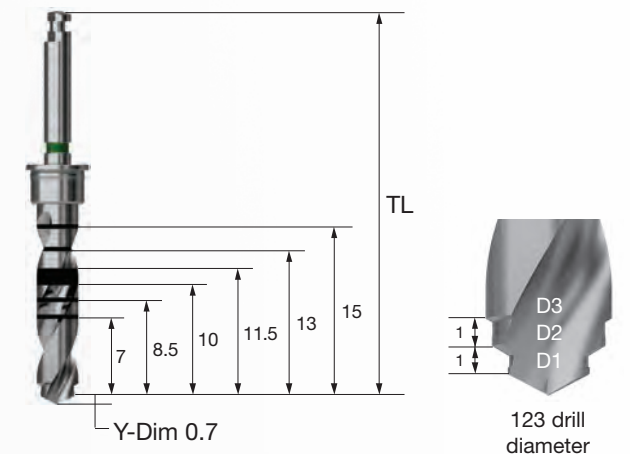
- Included in 485 KIT
- A drill for placing short implants in alveolar bone lacking in vertical dimension
- Ø 2.2 drill : straight drill
- Except for Ø 2.2 drill, the top blade of the drill is in the shape of CAS Drill, and the side blade is in the shape of taper drill
- A stopper drill with 1mm margin
- Recommended drilling speed: 800~1,200rpm



L	Type	Ø2.2	Pilot	F4.0	F4.5	F5.0	F5.5
4.0		O485D2204	O485D3504	O485D4004	O485D4504	O485D5004	O485D5504
5.0		O485D2205	-	O485D4005	O485D4505	O485D5005	O485D5505
6.0		O485D2206	O485D3506	O485D4006	O485D4506	O485D5006	O485D5506
7.0		O485D2207	-	O485D4007	O485D4507	O485D5007	O485D5507
8.5		O485D2208	-	O485D4008	O485D4508	O485D5008	O485D5508

123 Twist Drill ^{2012.03}

- Included in 123 Straight Simple KIT
- A straight drill to reduce the number of drilling (marking drill)
- A color-coded handle of the 123 Drill indicates the drill diameter and the main implant used
- Facilitating drilling depth adjustment by assembling a stopper
- Use of a stopper is necessary because of the difficulty of controlling the depth due to excellent cutting force
- F = Final drill

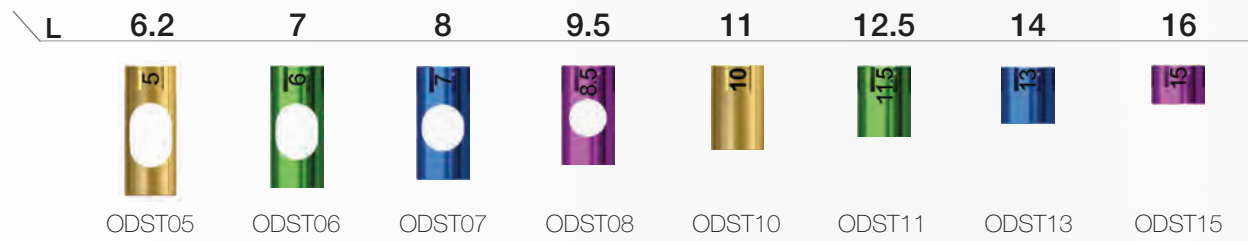


TL	D1 / D2 / D3				
	F3.5(Ø2.2 / 3.0)	F4.0(Ø3.0 / 3.6)	F4.5(Ø3.0 / 3.6 / 4.1)	F5.0(Ø3.0 / 4.1 / 4.6)	
34	2D2230FNS	2D3036FNS	2D3041FNS	2D3046FNS	
40.4	2D2230FNL	2D3036FNL	2D3041FNL	2D3046FNL	
Color		Yellow	Green	Blue	Red

Surgical Instruments

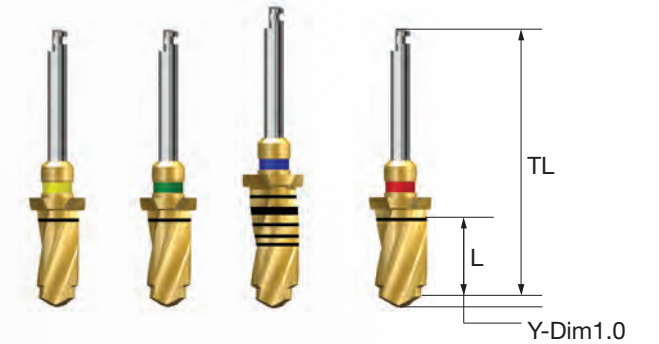
123 Drill Stopper ^{2012.03}

- Included in 123 Straight Simple KIT
- Number on the stopper indicates the protruding length of the tip when assembled to a drill or other instruments
- Color coded by length to facilitate estimation of the length and repositioning of the KIT



123 Ultra Twist Drill

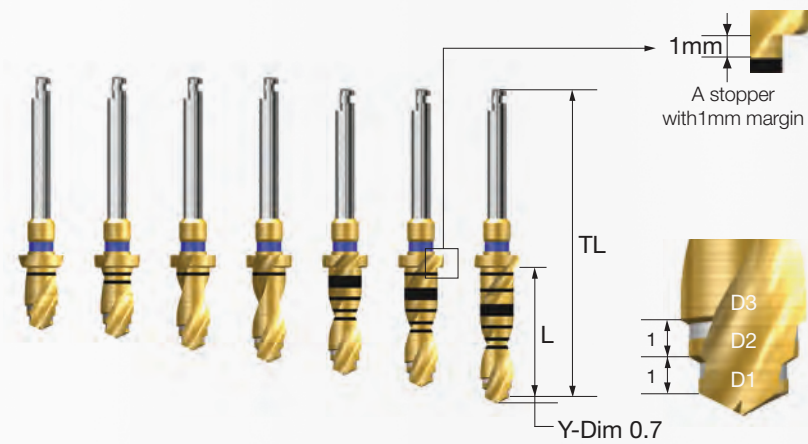
- Included in 123 Straight KIT/123 Straight Full KIT
- A 2-stage drill with functions of both Pilot Drill and Twist Drill
- A straight drill to reduce the number of drilling (with stopper)
- A dedicated drill is used for F7.0 implant in soft bone
- F = Final drill



L	TL	F3.5(Ø4.6 / 5.2)	F6.0(Ø4.6 / 5.5)	F7.0Soft(Ø5.5 / 6.2)	F7.0(Ø5.5 / 6.5)
6	30.5	3D465206T	3D465506T	-	3D556506T
7	31.5	3D465207T	3D465507T	-	3D556507T
8.5	33.5	3D465208T	3D465508T	-	3D556508T
10	34.5	3D465210T	3D465510T	-	3D556510T
11.5	34.5	3D465211T	3D465511T	-	3D556511T
13	36.0	3D465213T	3D465513T	3D556213T	3D556513T
Color		Yellow	Green	Blue	Red

123 Twist Drill (Stopper Drill) ^{2013.06}

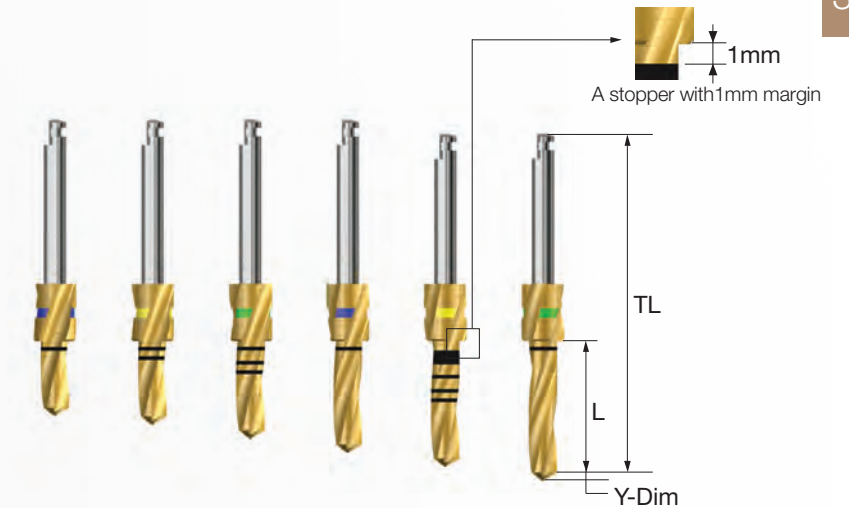
- Included in 123 Straight KIT/ 123 Straight Full KIT
- A straight drill to reduce the number of drilling (with stopper)
- A color-coded handle of the 123 Drill indicates the drill diameter and the main implant used
- F = Final drill



L	TL	D1 / D2 / D3			
		F3.5(Ø2.2 / 3.0)	F4.0(Ø3.0 / 3.6)	F4.5(Ø3.0 / 3.6 / 4.1)	F5.0(Ø3.0 / 4.1 / 4.6)
6	30.5	2D223006LC	2D303606LC	2D304106LC	2D304606LC
7	31.5	2D223007LC	2D303607LC	2D304107LC	2D304607LC
8.5	33	2D223008LC	2D303608LC	2D304108LC	2D304608LC
10	34.5	2D223010LC	2D303610LC	2D304110LC	2D304610LC
11.5	34.5	2D223011LC	2D303611LC	2D304111LC	2D304611LC
13	36	2D223013LC	2D303613LC	2D304113LC	2D304613LC
15	38	2D223015LC	2D303615LC	2D304115LC	2D304615LC
Color		Yellow	Green	Blue	Red

Twist Drill (Stopper Drill) ^{2012.12}

- Included in New Hanaro KIT
- Long stopper (6mm)
- Enabling a procedure without drill extension for posterior region
- The color coded stopper indicates the drill length.

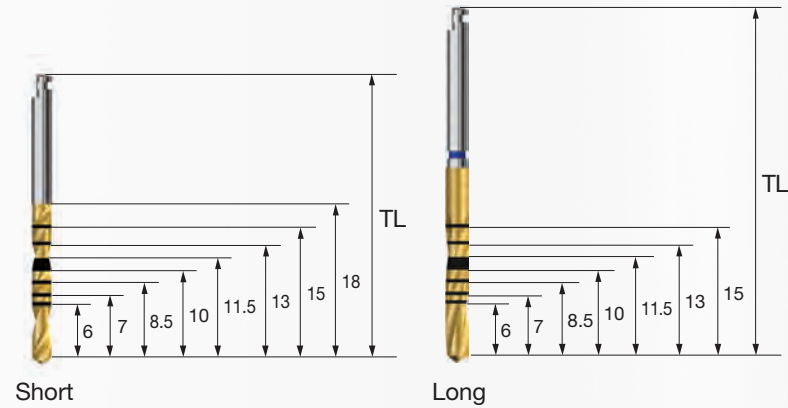


L	TL	D	Ø2.2	Ø3.0	Ø3.3	Ø3.6	Ø3.8	Ø4.1	Ø4.3	Ø4.6
			Y-Dim	0.6	0.9	1.0	1.0	1.0	1.0	1.0
6	30.5	2D2206LC	3D3006LC	-	-	3D3806LC	-	-	-	-
7	31.5	2D2207LC01	3D3007LC01	-	-	3D3807LC01	-	-	-	-
8.5	33	2D2208LC01	3D3008LC01	-	-	3D3808LC01	-	-	-	-
10	34.5	2D2210LC01	3D3010LC01	-	-	3D3810LC01	-	-	-	-
11.5	34.5	2D2211LC01	3D3011LC01	3D3311LC01	3D3611LC01	3D3811LC01	3D4111LC01	3D4311LC01	3D4611LC01	-
13	36	2D2213LC01	3D3013LC01	-	-	3D3813LC01	-	-	-	-

Surgical Instruments

Twist Drill (Non Stopper Drill) ^{2009.01}

- Included in New Hanaro KIT
- Used for limited access for the Stopper Drill into the oral cavity
- See the image provided in the Non-stopper Drill section for the sizes of the drill marking lines for short/long types

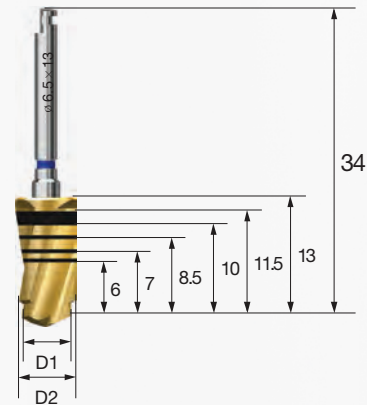


TL \ D	Ø1.5	Ø2.0	Ø2.2	Ø2.7	Ø3.0	Ø3.3
33	2D1518FNLC	2D2018FNLC	2D2218FNLC	3D2718FNLC	3D3018FNLC	3D3318FNLC
41	-	-	2D2215FNLC01	3D2715FNLC01	3D3015FNLC01	3D3315FNLC01

TL \ D	Ø3.6	Ø3.8	Ø4.1	Ø4.3	Ø4.6
33	3D3618FNLC	3D3818FNLC	3D4118FNLC	3D4318FNLC	3D4618FNLC
41	3D3615FNLC01	3D3815FNLC01	3D4115FNLC01	3D4315FNLC01	3D4615FNLC01

Direct Drill ^{2009.01}

- Included in Ultra KIT
- A 2-stage drill with functions of both Pilot Drill and Twist Drill
- Enabling final drilling without pilot drilling
- Increased primary stability in a fresh extraction socket with reduced dead space in the apex

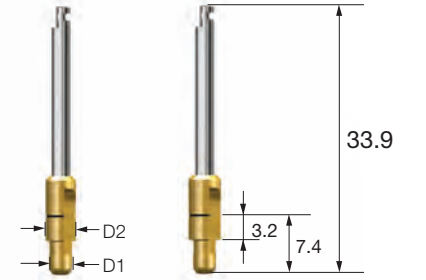


D1 / D2	Ø4.6 / 5.2	Ø4.6 / 5.5	Ø5.5 / 6.2	Ø5.5 / 6.5
	3D5213FNLC	3D5513FNLC	3D6213FNLC	3D6513FNLC

Long Shank Pilot Drill ^{2009.01}

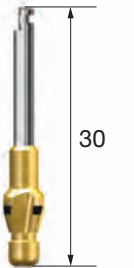
- Included in New Hanaro KIT
- Used for adjusting the path of the drilling hole
- Maintains the previous drilling path for the next drilling

D1 / D2	Ø2.0 / 2.7	Ø2.0 / 3.0	Ø3.0 / 3.8	Ø3.0 / 4.1
	APD270C	APD300C	APD380C	APD410C



Countersink (USII, USIII, US Wide PS, US Wide) ^{2009.01}

- Included in New Hanaro KIT
- A dedicated drill for expanding the placement hole opening for US Implants : USII, USIII, US Wide PS, US Wide
- Recommended drilling speed: 300rpm



USSCS45W

Taper Cortical Drill (Taper Implant TSIII, SSIII, USIII)

- Included in Taper KIT
- A drill used for removing cortical bone from hard bone (used right after the use of Taper Drill)
- A dedicated drill equipped for each implant diameter
- F3.5~5.0 drill marking line : bottom line for placing implants of 8.5mm or smaller, and top line for implants of 10mm or larger
- F5.5 drill marking line : bottom line for placing implants of 6mm or smaller, midline for 7mm implants, and top line for implants of 8.5mm or larger
- Drilling up to the lower marking line recommended
- F = Final drill



F3.5	F4.0	F4.5	F5.0	F5.5
TCD4C35	TCD4C40	TCD4C45	TCD4C50	TCD4C55

Surgical Instruments

Cortical Drill (Ultra-Wide) 2009.01

- Included in Ultra KIT, 122 Taper / Taper KIT (for ultra-wide)
- A drill used for removing cortical bone from hard bone (for ultra-wide)
- A dedicated drill equipped for each implant diameter
- Drilling up to the lower marking line recommended
- F = Final drill

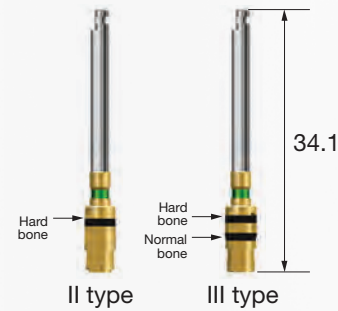
F6.0	F7.0
CD4C60	CD4C70



123 Cortical Drill 2011.10

- Included in 123 Straight Simple KIT, 123 Straight KIT and 123 Straight Full KIT
- A drill used for removing cortical bone from hard bone
- Drilling up to the lower marking line recommended
- II type marking line : for hard bone
- III type marking line : bottom line for normal bone, and top line for hard bone
- IV type marking line : for normal bone
- A color-coded handle of the 123 Drill indicates the drill diameter and the main implant used
- F = Final drill

Type	F3.5	F4.0	F4.5	F5.0
II	O2CD35	O2CD40	O2CD45	O2CD50
III	O3CD35	O3CD40	O3CD45	O3CD50
Color	Yellow	Green	Blue	Red



Cortical Drill 2 (TSII, SSII) 2009.01

- Included in New Hanaro KIT
- A drill used for removing cortical bone from hard bone (For II type)
- A dedicated drill equipped for each implant diameter
- Drilling up to the lower marking line recommended
- F = Final drill

F3.5	F4.0	F4.5	F5.0
CD2C35	CD2C40	CD2C45	CD2C50



Cortical Drill 3 (Taper Implant TSIII, SSIII, USIII, KSIII) 2014.08

- Included in New Hanaro KIT
- A drill used for expanding the cortical bone after the use of Straight Drill
- Used after forming the final drill hole in normal or harder bone
- A dedicated drill equipped for each implant diameter
- Marking line: bottom line for normal bone, and top line for hard bone
- Drilling up to the lower marking line recommended

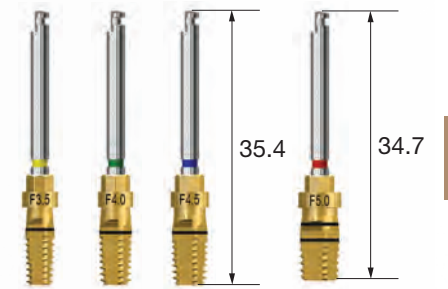
F3.0	F3.5	F4.0	F4.5	F5.0	F5.5
CD4C30	CD4C35	CD4C40	CD4C45	CD4C50	CD4C55



Tapered Implant Tap (Taper Implant TSIII, SSIII, USIII, KSIII)

- A dedicated tap for Tapered Implant (III type)
- Used for hard bones, forming the implant thread shape
- A torque wrench is used after connecting to the engine (25rpm recommended) or a mount extension
- Tapping up to the bottom marking line recommended (For F5.0, the bottom line for placing 7.0mm or smaller implants, and top line for 8.5mm or greater implants)
- F = Final drill

F3.5	F4.0	F4.5	F5.0
OFTS35	OFTS40	OFTS45	OFTS50



Straight Implant Tap (TSII, SSII, USII) 2016.02

- A dedicated tap for Straight Implant (II type)
- Used for hard bones, forming the implant thread shape
- A torque wrench is used after connecting to the engine (25rpm recommended) or a mount extension
- Tapping up to the bottom marking line recommended
- F = Final drill

F3.5	F4.0	F4.5	F5.0
O2FTS35	O2FTS40	O2FTS45	O2FTS50

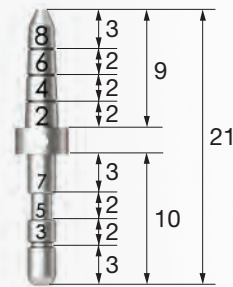


Surgical Instruments

Parallel Pin (122 Taper Drill)

- Included in 122 Taper KIT
- A dedicated parallel pin for 122 Taper Drill
- Used for checking the position and direction of bone preparation
- Bottom part for the Ø2.2 drill, and top part for the guide drill

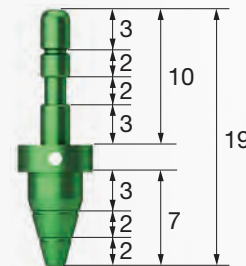
APP2227



Parallel Pin (Taper Drill)

- Included in 122 Taper KIT and Taper KIT
- A dedicated parallel pin for Taper Drill
- Used for checking the position and direction of bone preparation
- Bottom part for implant diameter drill, top part for Initial Drill
- Color coded according to the implant diameter (F3.5 : yellow, F4.0 : green, F4.5 : blue, F5.0 : silver)

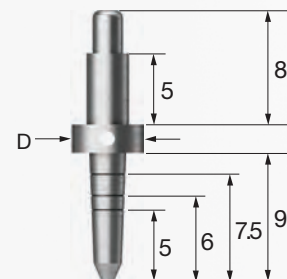
F3.5	F4.0	F4.5	F5.0
TPP3522	TPP4022	TPP4522	TPP5022



Parallel Pin (123 Drill) 2012.03

- Included in 123 Straight Simple KIT, 123 Straight KIT and 123 Straight Full KIT
- Used for checking the position and direction of bone preparation
- Bottom part for Initial Drill, top part for F3.5(Ø2.2/3.0) Drill

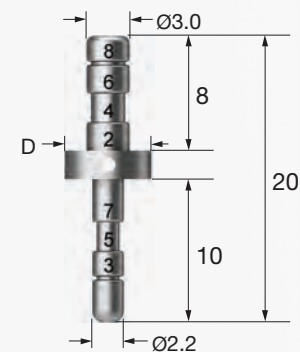
D	Ø4.0	Ø5.0
	OPLP400	OPLP500



Parallel Pin 2013.01

- Included in New Hanaro KIT
- Used for checking the position and direction of bone preparation

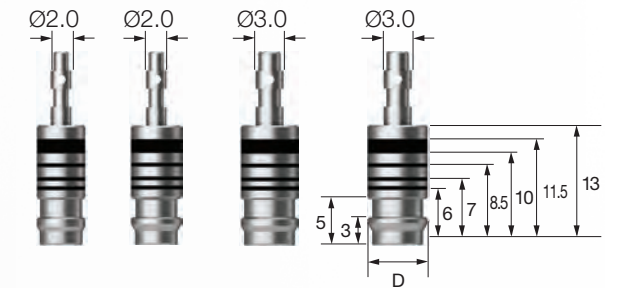
D	Ø4.0	Ø5.0	Ø6.0	Full Set
	APP400	APP500	APP600	APPS



Trial Pin (Ultra-wide) 2009.01

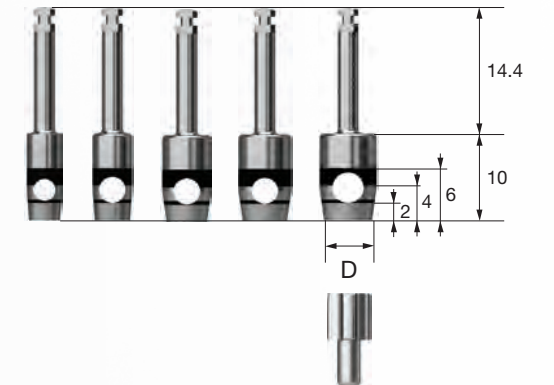
- 123 straight full kit, Included in Ultra KIT
- Checking the internal width and depth of a fresh extraction socket or a failed implant socket
- Checking the drilling depth after using Direct Drill as the final drill
- Used as Parallel Pin

D	Ø5.2	Ø5.5	Ø6.2	Ø6.5
	UWFTP52	UWFTP55	UWFTP62	UWFTP65



Tissue Punch 2011.09

- Included in Assist KIT
- Instrument used for flapless surgery
- Marked at 2mm intervals for measuring gingival height
- Packing unit : tissue punch + guide pin
- ※ Using Tissue Punch with a diameter smaller by 0.7~1.5mm than the Healing Abutment is recommended
- Recommended drilling speed: 1,000~ 1,200rpm



D	Ø3.3	Ø3.8	Ø4.3	Ø4.8	Ø5.3
	OSTP33	OSTP38	OSTP43	OSTP48	OSTP53
TS	Ø 4.0/4.5	Ø 4.5/5.0	Ø 5.0	Ø 6.0	Ø 6.0
SS	-	Ø 4.8	-	Ø 6.0	Ø 6.0
US	Ø 4.0	Ø 5.0	Ø 5.0	Ø 6.0	Ø 6.0

For healing abutment applications

Surgical Instruments

Bone Profiler (TS/KS) RENEWAL 2020.11

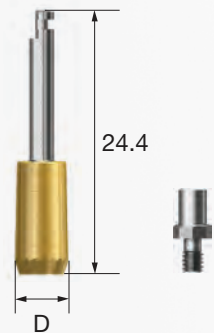
- Included in Assist KIT
- Used for removing bone around the implant for the 1st and 2nd stage surgery
- Used by connecting Guide Screw to the implant and removing the bone to adjust the shape of the Healing Abutment
- Guide Screw protecting the Morse taper entrance of the implant
- Packing unit : bone profiler + guide screw
- Recommended drilling speed: 50rpm
- C = Connection



C \ D (Healing Abutment)	Ø4.0	Ø4.5	Ø5.0	Ø6.0	Ø7.0
TS Mini/Regular	GSBP40 Mini+Regular guide screw	GSBP45 Mini+Regular guide screw	GSBP50 Regular guide screw	GSBP60 Regular guide screw	GSBP70 Regular guide screw
KS	KSBP40 3.0/3.5+Regular guide screw	KSBP45 3.0/3.5+Regular guide screw	KSBP50 Regular guide screw	KSBP60 Regular guide screw	KSBP70 Regular guide screw

Bone Profiler (US) 2009.01

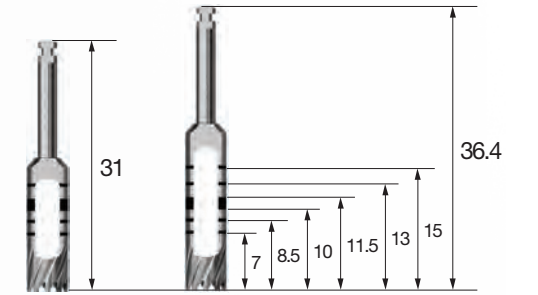
- Used for removing bone around the cover screw for the 2nd stage surgery
- Used by connecting Guide Screw to the implant after removing Cover Screw to compensate the angle of the Healing Abutment
- Guide Screw protecting the implant hex
- Packing unit : bone profiler + guide screw
- P = Platform



D \ P	Mini	Regular	Wide	T-type
Ø4.0	ABPM400C	-	-	-
Ø5.0	ABPM500C	ABPR500C	-	-
Ø6.0	-	ABPR600C	ABPW600C	TBPW600C
Ø7.0	-	-	ABPW700C	-

Trephine Drill 2009.01

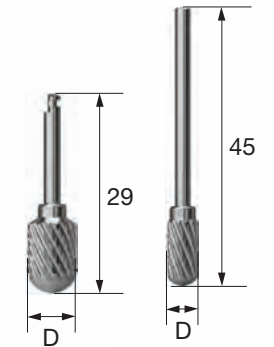
- Included in Assist KIT
- Used for bone collection or for removing damaged or failed implants
- Used for removing septal bone
- Used as an Initial Drill for Ultra-wide implants
- Recommended drilling speed: 1,000~1,200rpm



L \ D (Inner/Outer)	3.7 / 4.5	4.2 / 5.0	4.7 / 5.5	5.2 / 6.0	5.7 / 6.5	6.2 / 7.0
Short	TD37S	TD42S	TD47S	TD52S	TD57S	TD62S
Long	TD37	TD42	TD47	TD52	TD57	TD62

Crest Remover

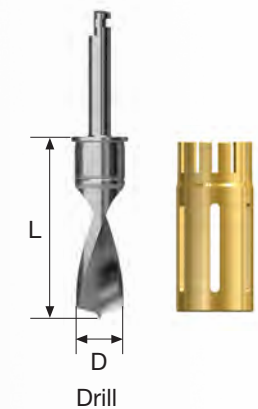
- Included in Assist KIT
- Marking the implant placement position after removing the narrow alveolar ridge horizontally
- Recommended drilling speed
 - Angled type : 1,200~1,500rpm
 - Straight type : 15,000~30,000rpm



L \ D	Ø5.0	Ø7.0
29	CERM50A	CERM70A
45	CERM50S	-

AutoBone Collector® 2012.06

- Included in Assist KIT
- Used for autogenous bone collecting
- Comes in a Drill + Stopper set
- Recommended drilling speed : 300~600rpm
- Number of uses for the drill and stopper: 50 times
- ※ Before initial drilling, connect the stopper to the first stage locking and harvest autogenous bone while drilling 4mm into the second stage locking (after harvesting, stop the drill and remove it as is with autogenous bone kept in the stopper)



L \ D	Ø3.0	Ø4.0	Ø5.0	Ø6.0
Short (18.94)	ABC304S	ABC404S	ABC504S	ABC604S
Long (21.94)	ABC304L	ABC404L	ABC504L	ABC604L

Surgical Instruments

Drill Extension NEW 2021.09

- Extending the length of a drill or other hand piece tools (drill extended by 15mm)
- Risk of bending or fracture upon exerting excessive force on inadequate assembly
- A common component for 122 Taper KIT, Taper KIT, and Straight KIT

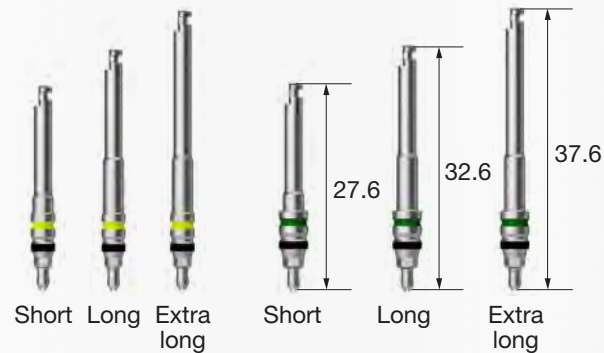
L (연장)	15.0
	ODER



TS NoMount Driver NEW 2021.09

- Driver directly connected to the implant upon placing with a surgical hand piece
- C = Connection

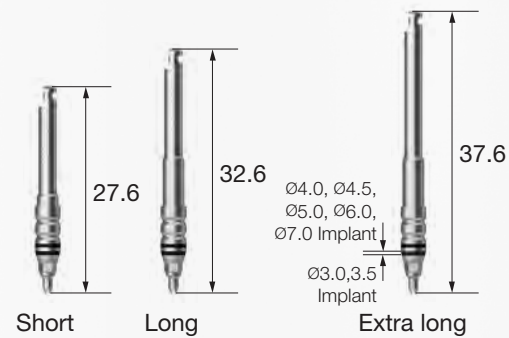
L \ C	Mini	Regular
Short	TSNMDCMS	TSNMDCRS
Long	TSNMDCML	TSNMDCRL
Ex.Long	TSNMDCME	TSNMDCRE



KS NoMount Driver NEW 2021.10

- Driver directly connected to the implant upon placing with a surgical hand piece
- Ø3.5 implants are assembled below the bottom marking; and Ø4.0, Ø4.5, Ø5.0, Ø6.0 and Ø7.0 implants are assembled above the bottom marking.
- Distance between laser markings and laser marking are separated by 0.5mm
- C= Connection

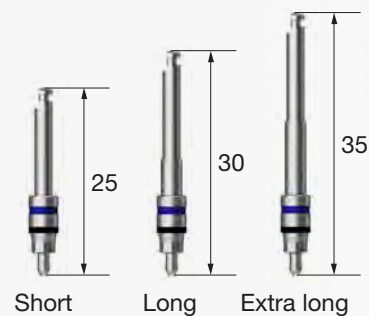
L \ C	Regular
Short	KSNMDCRS
Long	KSNMDCRL
Ex.Long	KSNMDCRE



SS NoMount Driver NEW 2021.12

- Driver directly connected to the implant upon placing with a surgical hand piece
- C = Connection

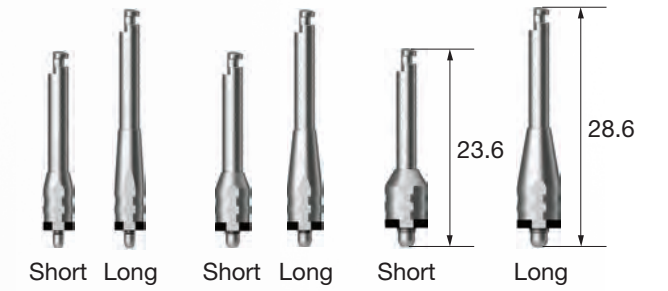
L \ C	Regular / Wide
Short	SSNMDCS
Long	SSNMDCS
Ex.Long	SSNMDCS



US NoMount Driver 2009.12

- Driver directly connected to the implant upon placing with a surgical hand piece
- C = Connection

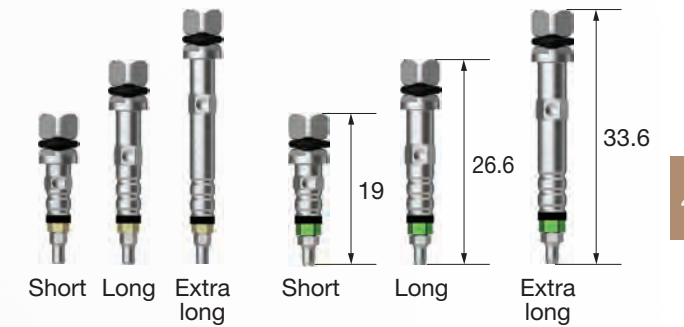
L \ C	Mini	Regular	Wide
Short	USNMD35MS	USNMD41RS	USNMD51WS
Long	USNMD35ML	USNMD41RL	USNMD51WL



TS NoMount Torque Driver 2009.12

- Driver directly connected to the implant upon placing with a wrench
- Make sure to check and confirm proper assembly before use (Risk of fracture even at low torque in case of inadequate assembly)
- Note that it cannot be removed in case of fracture
- C = Connection

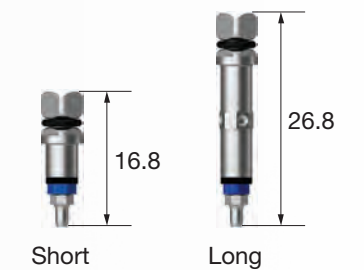
L \ C	Mini	Regular
Short	GSNMT32S	GSNMT35S
Long	GSNMT32L	GSNMT35L
Ex.Long	GSNMT32E	GSNMT35E



SS NoMount Torque Driver 2009.01

- Driver directly connected to the implant upon placing with a wrench
- Make sure to check and confirm proper assembly before use (Risk of fracture even at low torque in case of inadequate assembly)
- Note that it cannot be removed in case of fracture
- C = Connection

L \ C	Regular / Wide
Short	SSNMT39S
Long	SSNMT39L

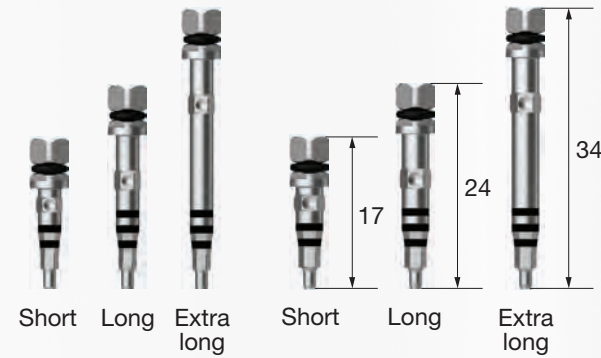


Surgical Instruments

TS Implant Driver ^{2014.11}

- Used by assembling directly to the implant for final placement depth adjustment or removal
- C = Connection

L \ C	Mini	Regular
Short	GSMFDS	GSRFDS
Long	GSMFDL	GSRFDL
Ex.Long	GSMFDE	GSRFDE



KS Implant Driver ^{NEW 2019.10}

- Used by assembling directly to the implant for final placement depth adjustment or removal
- C= Connection

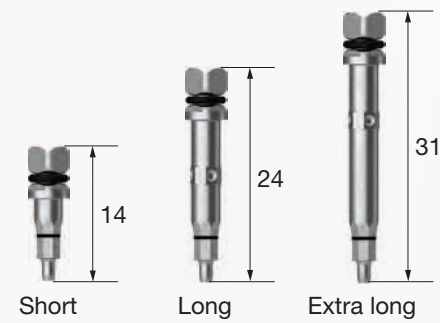
L \ C	Regular
Short	KSFDS
Long	KSFDL



SS Implant Driver ^{2014.12}

- Used by assembling directly to the implant for final placement depth adjustment or removal
- C= Connection

L \ C	Regular / Wide
Short	SSRFDS
Long	SSRFDL
Ex.Long	SSRFDE



US Implant Driver ^{2009.01}

- Used by assembling directly to the implant for final placement depth adjustment or removal
- C= Connection

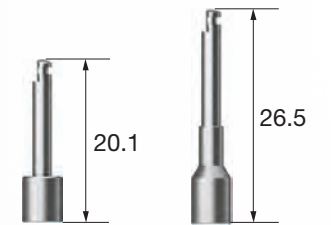
C	Mini	Regular	Wide
	USMFDL	USRFDL	USWFDL



Simple Mount Driver ^{2009.01}

- Used by assembling to the simple mount for implant placement

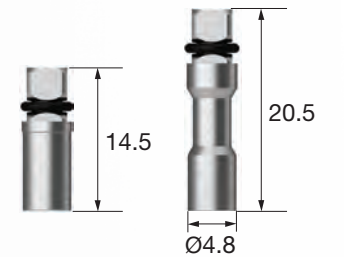
L	
Short	ASMDS
Long	ASMDL



Simple Mount Extension ^{2014.12}

- Used by connecting to a wrench for extending the simple mount length or applying torque manually

L	
Short	ASMES
Long	ASMEL



Torque Extension ^{2013.12}

- Extending the length of the instrument used by connecting to a wrench (extension by 10mm)

L	
	OTE



Removal Tool (Implant Mount) ^{2009.01}

- Used after removing mount screw in case of jamming between the implant and mount
- Used by assembling to the driver handle and torque wrench
- Removing mount by rotating forward after inserting vertically
- App = Application



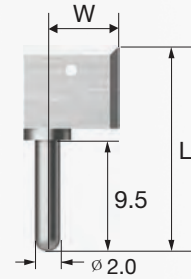
App	Mini (TS,US)	Regular (TS,SS,US) / Wide (SS)	Wide (US)
	ERFM	HRRR	ERFW

Surgical Instruments

Positioning Guide ^{2009.01}

- Instrument facilitating drilling interval setting for implant placement
- Placed into the hole for use after initial drilling
- Packing unit : individual component or in a set

W/L	2.5/21.5	6.0/17.5	11/17.5
	APG201	APG202	APG203



Tissue Height Gauge (TS) ^{2009.01}

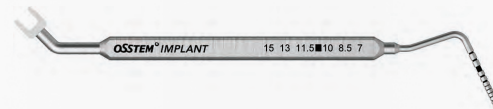
- Instrument to measure the gingival height by assembling to the implant connection for top G/H selection in TS implant placement



HGTSHG

Depth Gauge

- Used for measuring the drilling depth (7-15mm) or as an open wrench
- A common component of 122 Taper & Taper KIT



OSDG

Simple Open Wrench ^{2009.01}

- Used for removing a simple mount from weak bone
- Easy intraoral placement with a neck angle of 30°



ASOW

Ratchet Wrench ^{2009.01}

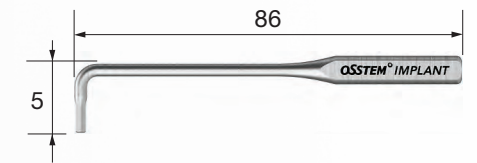
- A dedicated wrench for anti-reverse procedure
- Excessive torque exertion may result in internal damage to bone or implant



CITQW-1185A

L-Wrench ^{2013.10}

- 1.2 hex driver for overcoming narrow spacing
- Torque indication : 5~8Ncm torque at the level when the wrench appears to be bent a little (within 10°)



LWC

Torque Wrench (Spring Type) ^{2012.06}

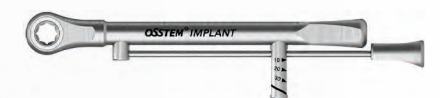
- Wrench to apply a constant torque (10/20/30Ncm) to screws and abutments
- When the set torque is applied, the neck of the Torque Wrench is bent for indication
- If a continuous force is applied while the neck is bent, it will cause application of excessive torque, resulting in screw fracture.



TW30

Torque Wrench (Bar Type) ^{2012.05}

- Used for adjusting the implant placement position and tightening screws and abutments
- Applying torque according to the line marked with the torque value to be applied by pulling the bar



TW30B

Surgical Instruments

Torque Wrench Set ^{2015.11}

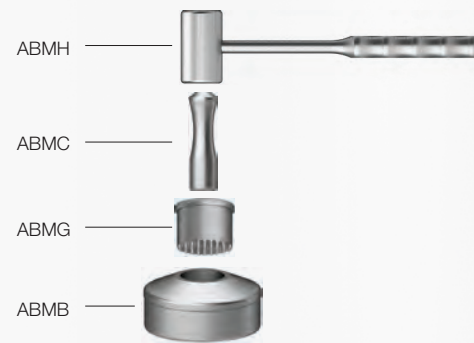
- A set of a two-way Torque Wrench and a Torque Connector
- Applying forward/reverse torque by rotating the Torque Wrench handle without removing the connector
- Compatible with the Machine Driver connector of OSSTEM
- Applying torque according to the line marked with the torque value to be applied by pulling the bar
- Packing unit : changeable torque wrench + torque connector



MX30

Bone Mill ^{2009.01}

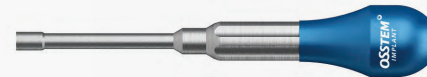
- Forming particulate bone with collected autogenous bone



ABM

Anterior Hand Driver (Implant) ^{2014.12}

- Instrument for manual placement in anterior region
- Used by connecting to a NoMount Torque Driver or Implant Driver
- Excessive torque may result in fracture of the implant or driver



AHDI

Torque Handle ^{2015.11}

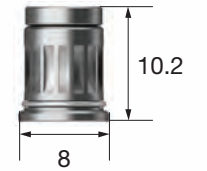
- Manual instrument used by connecting to the contra-angle hand piece (1:1 gear ratio for hand piece)
- Used for tightening screws such as Healing Abutment, Cover Screw, Abutment Screw, and Orthodontic Screw (used for temporary tightening of Abutment Screw, which requires final tightening with a Torque Wrench)
- Excessive torque may result in fracture or malfunction of the hand piece



TQHD

Torque Connector

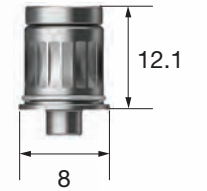
- Connector for connecting the torque square driver with a two-way Torque Wrench



ORC

Machine Driver Connector

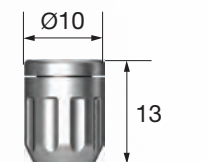
- Connector for connecting the Machine Driver with a two-way Torque Wrench



OMDC

Driver Handle

- Used by connecting to the Torque Driver



TIDHC

Machine Driver Handle ^{2013.12}

- Enabling hand rotation by connecting to any surgical instrument for engine

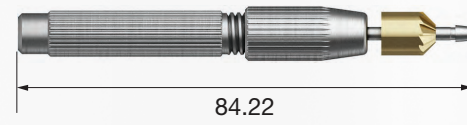


OMDH

Surgical Instruments

Finishing Reamer Set

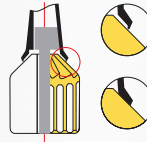
- Used for removing lip from the inside of the casted body after casting plastic coping



FRSC

Reamer user guide

1. Connected to the casted burn-out cylinder by selecting the reamer tip of the same size as the abutment
2. Rotating the reamer bite with constant force by holding the casted body
3. Reaming until no cutting occurs



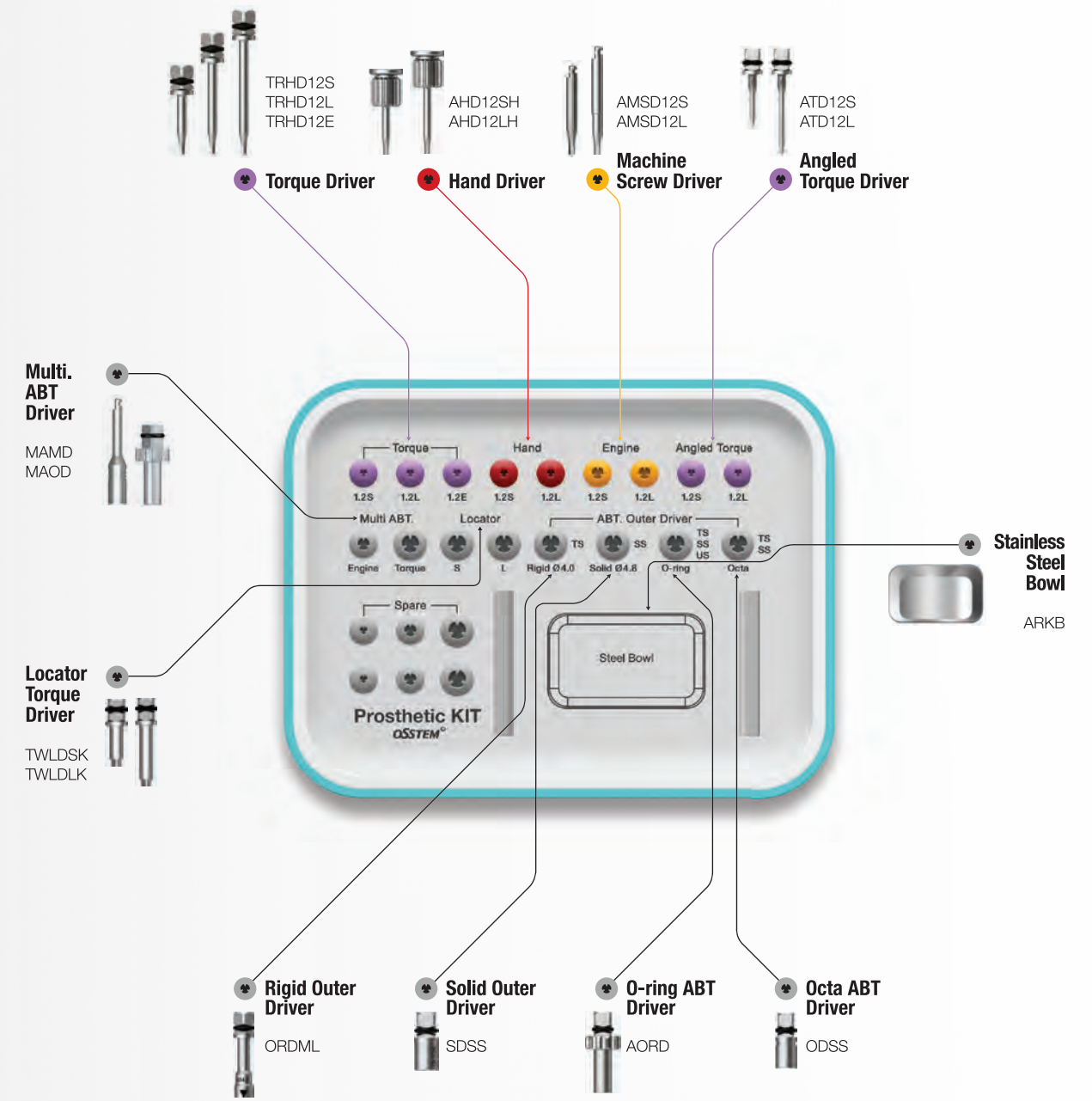
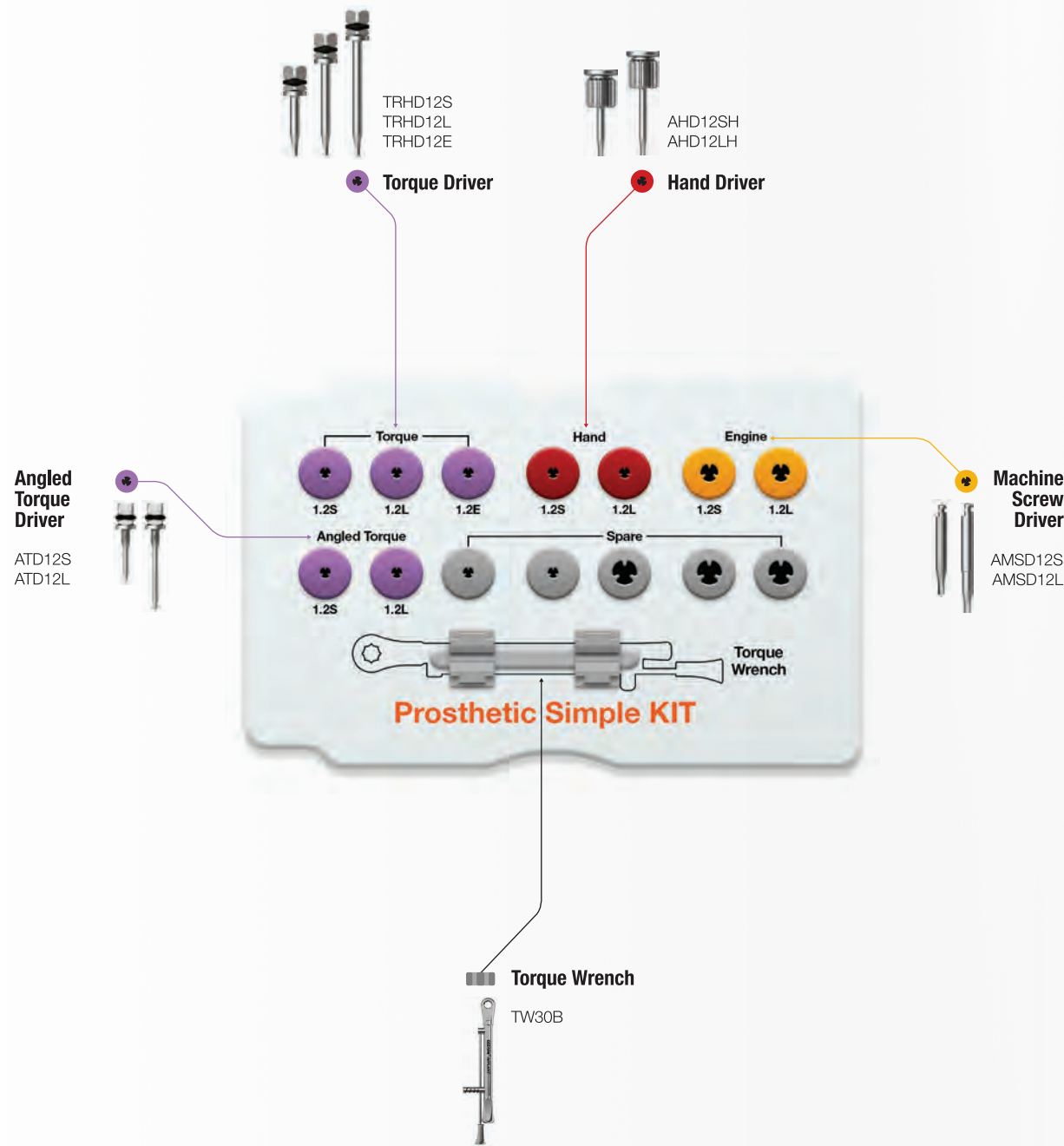
OSSTEM[®]
IMPLANT

Prosthetic Simple KIT (OPSK) 2017.02

Prosthetic KIT (OPK) 2018.05

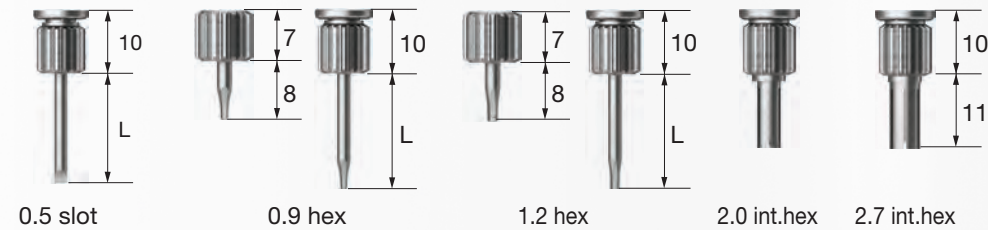
Top panel components

Torque Wrench
TW30B



Hand Driver

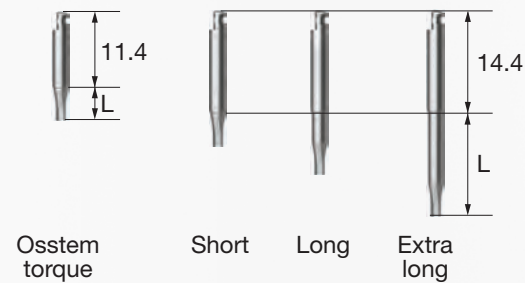
- Manual driver
- Tip holding feature (except internal hex type)
- Internal hex type length: 11



L \ Type	0.5 Slot	0.9 Hex	1.2 Hex	2.0 Int.Hex	2.7 Int.Hex
Ex.Short (8)	-	AHD09MSH	AHD12MSH	-	-
Short (13)	ASD05SH	AHD09SH	AHD12SH	IHD20H	IHD27H
Middle (15)	-	-	AHD12MH	-	-
Long (18)	ASD05LH	AHD09LH	AHD12LH	-	-
Ex.Long (25)	-	-	AHD12EH	-	-

Machine Screw Driver

- Driver for engine
- Tip holding feature (except internal hex type)
- Internal hex type length : 8



L \ Type	0.5 Slot	0.9 Hex	1.2 Hex	2.0 Int.Hex	2.7 Int.Hex
Osstem Torque (5)	-	-	OTH12S	-	-
Short (5.6)	AMSD05S	AMSD09S	AMSD12S	-	-
Long (11.6)	AMSD05L	AMSD09L	AMSD12L	EIHD20	EIHD27
Ex.Long (17.6)	-	-	AMSD12E	-	-

Application

For driver applications
(Commonly used for Hand, Machine Screw, and Torque Drivers)

Application	Cover screw (US mini)	Healing abutment, Gold/NP-Cast abutment, Cemented abutment screw, Mount screw	Esthetic abutment screw Regular, Esthetic-low abutment screw, standard	Wide esthetic-low abutment screw

Torque Driver

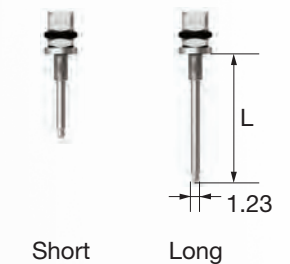
- A driver for Torque Wrench assembly
- Tip holding feature
- Compliance to the recommended torque is required (excessive torque may result in fracture)
- Risk of fracture even at low torque in case of inadequate assembly
- Exerting torque with the driver straight up is required (with no tilting)
- Be sure to replace any bent tips due to extended use or excessive torque application



L \ Type	0.5 Slot	0.9 Hex	1.2 Hex	2.0 Int.Hex	2.7 Int.Hex
Ex.Short (8)	-	-	TRHD12MS	-	-
Short (13)	TRSD05S	TRHD09S	TRHD12S	TIHD20S	-
Middle (15)	-	-	TRHD12M	-	-
Long (20)	TRSD05L	TRHD09L	TRHD12L	TIHD20L	TIHD27
Ex.Long (25)	TRSD05E	-	TRHD12E	-	-

Angled Torque Driver 2017.02

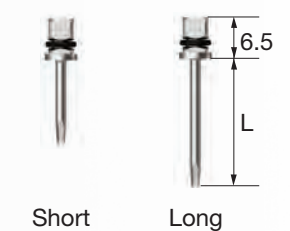
- A driver for Torque Wrench assembly
- No holding feature
- Recommended tightening torque: 30Ncm (excessive torque may result in fracture)
- Do not remove the tube preventing debris upon fracture
- Recommended number of use cycles: 10 times
- Set : 3ea



L \ Type	1.2 Hex	1.2 Hex (Set)
Short (13)	ATD12S	ATD12S3S
Long (20)	ATD12L	ATD12L3S

Repair Torque Driver

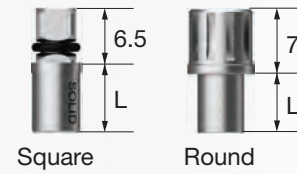
- Handle diameter reduced compared to Torque Driver (Ø2.1 → Ø1.6)
- Enables minimization of crown hole diameter for prosthesis repair or SCR procedure



L \ Type	1.2 Hex
Short (13)	TRHD12SR
Long (20)	TRHD12LR

Solid Abutment Driver

- A dedicated driver for Solid Abutment
- Applying torque after inserting the groove of the Solid Abutment to the part of the driver with a triangular marking
- Recommended tightening torque: 30Ncm



Regular

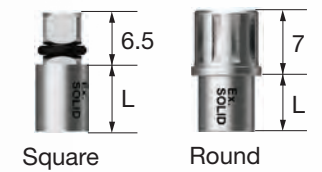
L \ Type	Square	Round
Short (6)	SDSS	SDRS
Long (12)	SDSL	SDRL

Wide

L \ Type	Square
Short (10)	SD60S

Excellent Solid Abutment Driver

- A dedicated driver for Excellent Solid Abutment
- Applying torque after inserting the groove of the Excellent Solid Abutment to the part of the driver with a triangular marking
- Recommended tightening torque: 30Ncm



Regular

L \ Type	Square	Round
Short (6)	ESDSS	ESDRS
Long (12)	ESDSL	ESDRL

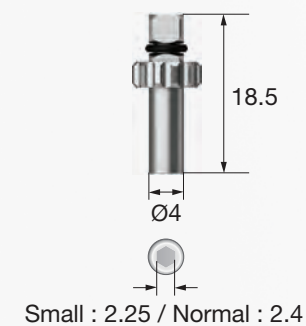
Wide

L \ Type	Square
Short (10)	ESD60S

O-ring Abutment Driver

- A dedicated driver for O-ring Abutment

	Small	Normal
	STAOD	AORD



Rigid Outer Driver

- A dedicated driver for Rigid Abutment
- Recommended tightening torque: 30Ncm

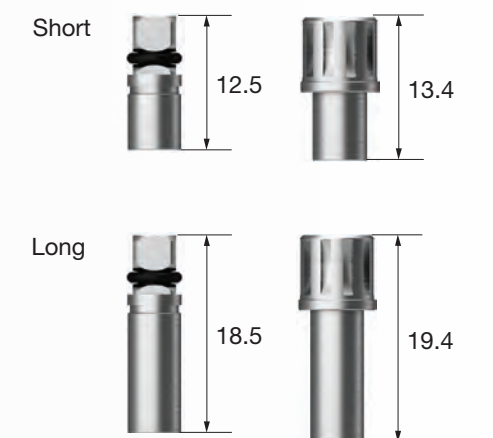
L \ D (Abutment)	Ø4.0	Ø4.5	Ø5.0	Ø6.0
Short (16.5)	ORDMS	ORD45S	ORDRS	ORDWS
Long (21.5)	ORDML	ORD45L	ORDRL	ORDWL



Octa Abutment Driver

- A dedicated driver for Octa Abutment
- Recommended tightening torque: 30Ncm

L \ Type	Square	Round
Short	ODSS	ODRS
Long	ODSL	ODRL



Multi Abutment Machine Driver

- A dedicated Machine Driver for Multi Abutment



Abutment Holder 2017.06

- Supplementary instrument for convenient connection of a 2-piece abutment which is difficult to hold with a hand in all intraoral regions



Abutment Positioning Driver NEW 2019.07

- Used for assembling the abutment in the prosthetic process after placing an implant
※ For Transfer Abutment only
- Function to help convenient and stable mounting and tightening of the abutment being pushed away by gingiva
- Used according to the H and G/H lengths of the abutment to be removed as shown below

(Unit : mm)

Range of use	Short					Long				
	≤9					≥10				
H + G/H	5	6	7	8	9	10	11	12	13	14



Multi Abutment Outer Driver

- A dedicated Torque Driver for Multi Abutment



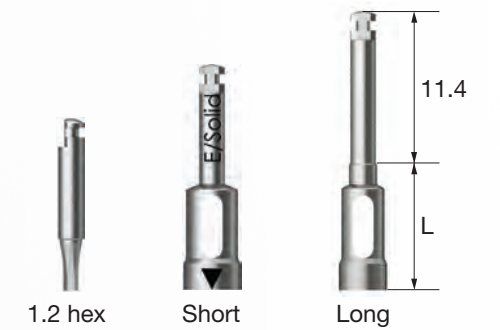
Locator® Torque Driver

- A dedicated Torque Driver for Locator Abutment



Osstem Torque Driver

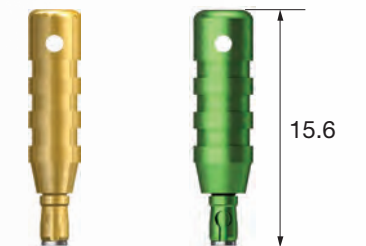
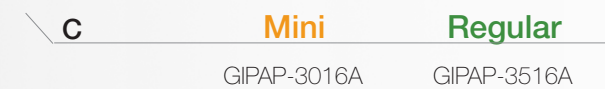
- Dedicated driver for Osstem Torque, which may not be compatible (connected or separated) with a general hand piece
- Used after matching the triangle on the outside of the driver with the groove or side of the abutment
- Solid and Excellent Solid Driver are only compatible with Ø4.8
- 1.2 hex type L : 5



L \ Type	1.2 Hex	Rigid 4.0	Rigid 4.5	Rigid 5.0	Rigid 6.0	Solid	Excellent Solid
Short (10)	OTH12S	OTR40S	OTR45S	OTR50S	OTR60S	OTS48S	OTE48S
Long (15)	-	OTR40L	OTR45L	OTR50L	OTR60L	OTS48L	OTE48L

Path Probe (TS)

- Checking the path and measuring the gingival height after TS Implant placement
- C = Connection



Path Probe (KS) NEW 2019.11

- Checking the path and measuring the gingival height after KS Implant placement
- C = Connection



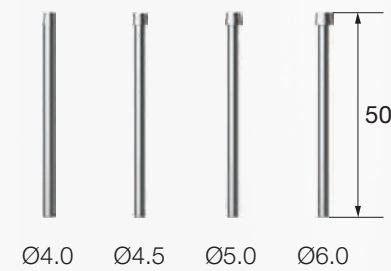
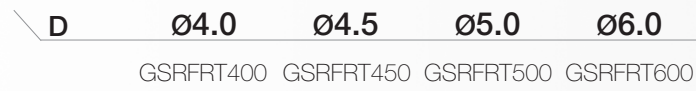
Reamer Bite

- Cutting edge to remove lip from the inside of the casted body after casting plastic coping



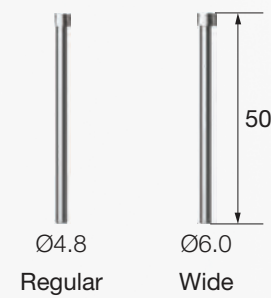
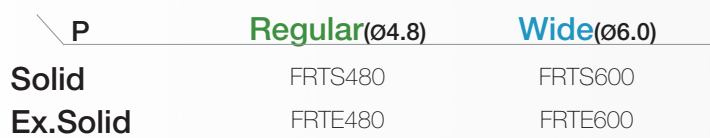
Reamer Tip (Rigid Abutment)

- Guide part inserted into the casted body for removing lip from the inside after casting plastic coping (for Rigid Abutment)



Reamer Tip (Solid, Excellent Solid Abutment)

- Guide part inserted into the casted body for removing lip from the inside after casting plastic coping
- For Solid Ø6.0 and Excellent Solid Ø4.8
- P= Platform

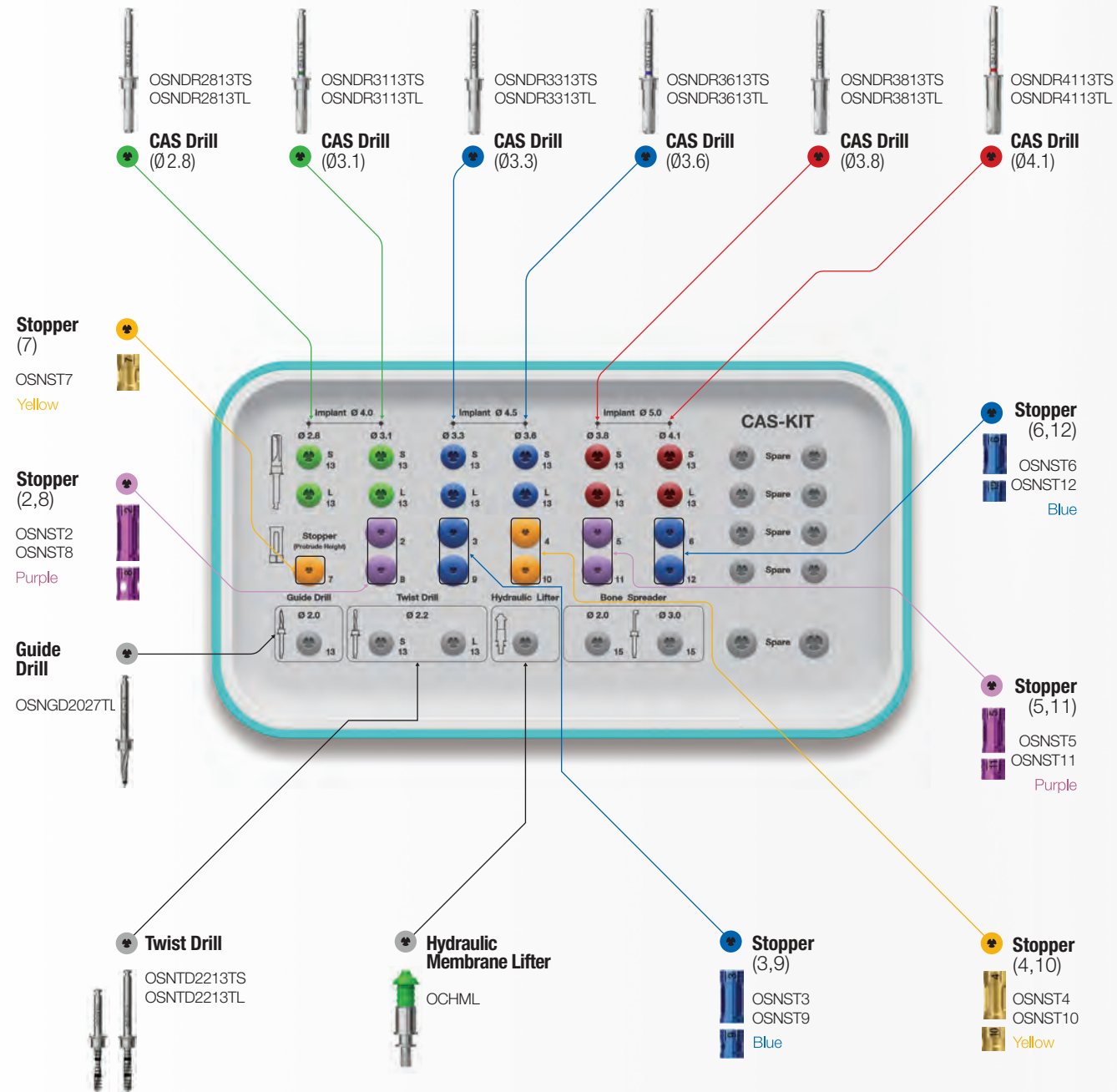
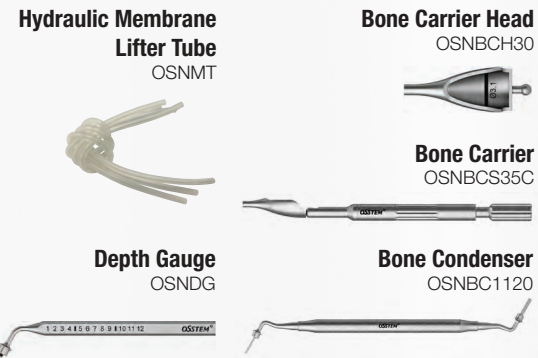


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Applicable Products

TSIII / IV KSIII SSIII USIII / IV

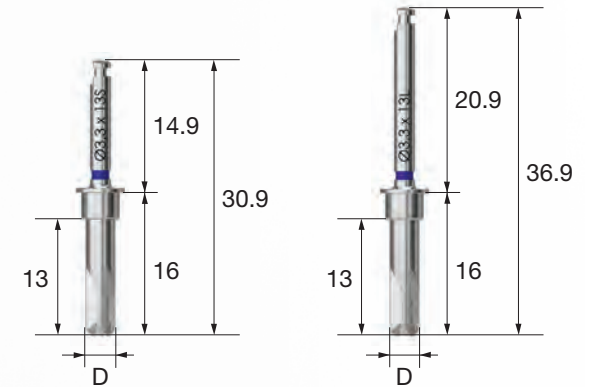
Top panel components Lower panel components



• For ordering codes of single item of CAS KIT, see 425-428 Page

CAS Drill

- Safe lifting of the membrane while forming conical bone for maxillary sinus lift procedure
- Excellent bone removal at low-high speed, and collection of autogenous bone at low speed
- Stopper assembled for safe lifting
- Diameter of Final Drill is selected based on the bone quality regardless of Straight or Tapered Implant type
- Recommended drilling speed: 400-800rpm (400rpm for first use)

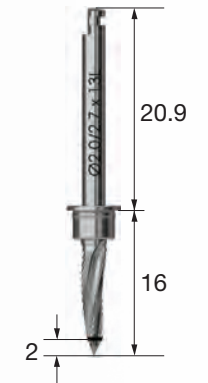


L \ D	Ø2.8	Ø3.1	Ø3.3	Ø3.6	Ø3.8	Ø4.1
Short	SNDR2813TS	SNDR3113TS	SNDR3313TS	SNDR3613TS	SNDR3813TS	SNDR4113TS
Long	SNDR2813TL	SNDR3113TL	SNDR3313TL	SNDR3613TL	SNDR3813TL	SNDR4113TL

Guide Drill

- Drill for marking of the implant placement position
- Used for removing side walls in a fresh extraction socket with formation of side edges
- Marking line at 2mm from the tip

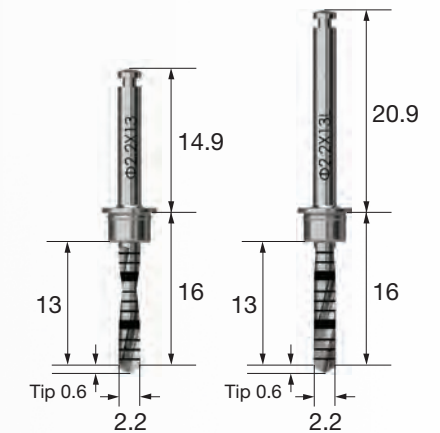
D	Ø2.0 / 2.7
	SNGD2027TL



Twist Drill (Ø2.2)

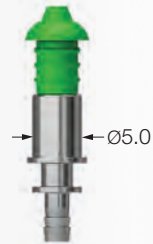
- Drilling 1mm under the remaining bone recommended
- Stopper assembled for safe lifting
- End line tip: 0.6mm

L \ D	Ø2.2
Short	SNTD2213TS
Long	SNTD2213TL



Hydraulic Membrane Lifter Set

- Instrument for hydraulic lifting of sinus membrane
- Winged design with optimized sealing



Stopper

- Number on the stopper indicates the protruding length of the tip when assembled to a drill or other instruments
- Color coded by length
- Number of uses for the drill and stopper: 50 times



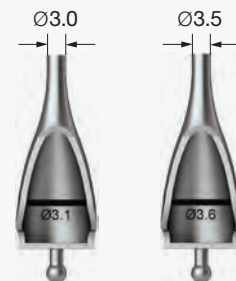
Bone Carrier

- Used for filling the inside of the sinus with bone
- Mounting the head by fastening the back of the body
- Replaceable head (SNBCH30 or SNBCH35) for use



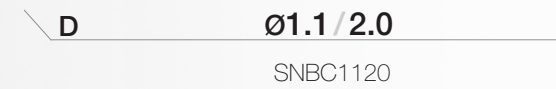
Bone Carrier Head

- Used for filling the inside of the sinus with bone
- SNBCH30 : used after drilling with CAS Drill Ø3.1/3.3
- SNBCH35 : used after drilling with CAS Drill Ø3.6/3.8/4.1 drilling
- Used repeatedly by filling the back of the marking line of the head and taking little by little with a bone condenser to completely fill the inside of the sinus



Bone Condenser

- Instrument to push in the bone material into the sinus



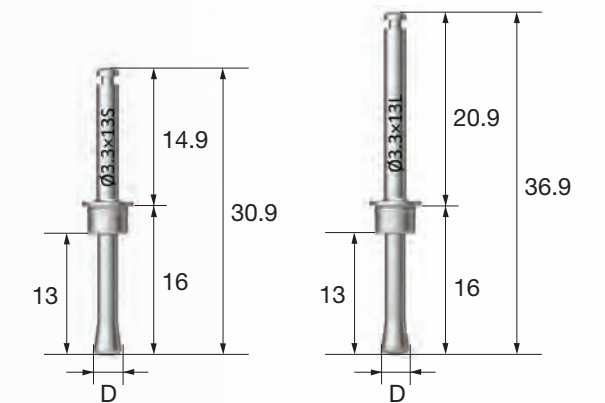
Hydraulic Membrane Lifter Tube

- Connected to the hydraulic membrane lifter



Membrane Lifter 2016.01

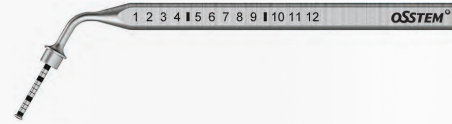
- Safe lifting of the membrane due to the round shape with no cutting edge
- Lifter selected according to the CAS-Drill diameter as membrane lifting is performed after using the CAS-Drill (head diameter is CAS Drill diameter - 0.2mm)
- CAS Stopper assembled and used for adjusting the depth
- Recommended drilling speed: 400~800rpm (400rpm for first use)
- Make sure to use a drill with irrigation



L \ D	Ø2.6	Ø2.9	Ø3.1	Ø3.4	Ø3.6	Ø3.9
Short	SNML2813TS	SNML3113TS	SNML3313TS	SNML3613TS	SNML3813TS	SNML4113TS
Long	SNML2813TL	SNML3113TL	SNML3313TL	SNML3613TL	SNML3813TL	SNML4113TL

Depth Gauge

- For checking internal lifting of the sinus and measuring the remaining bone depth

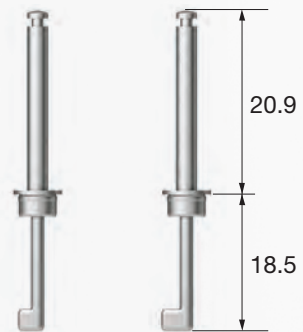


SNDG

Bone Spreader

- Instrument for spreading the filled bone using the engine
- Assembled with a stopper for use
- Recommended drilling speed: ≤ 30 rpm (low speed mode)

D	Ø2.0	Ø3.0
	SNBS2015T	SNBS3015T



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Y-Connector

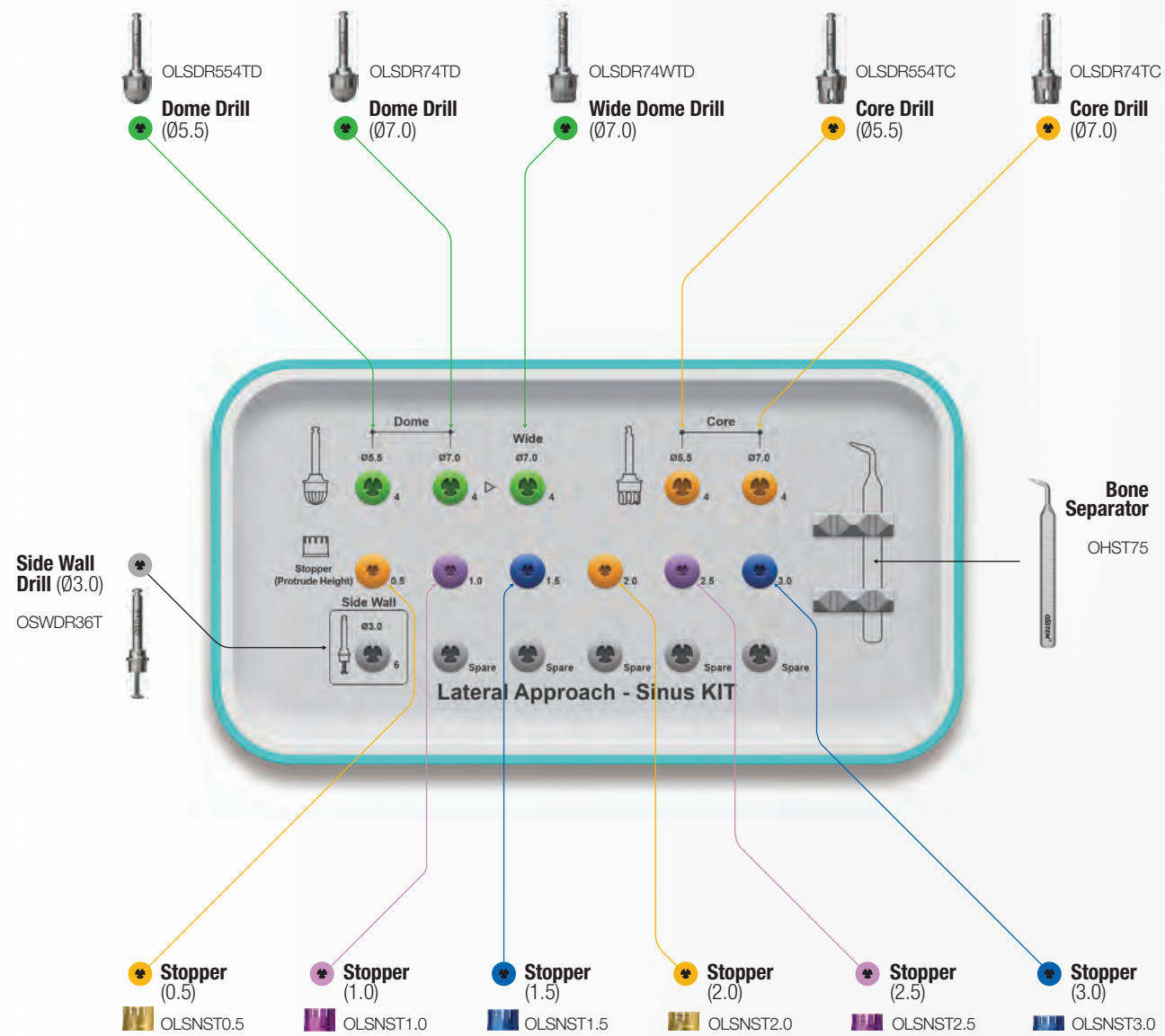
- Y-shaped connector for hydraulic lifting of two drilling holes at the same time

SNYCT



LAS KIT (OLRSNK) RENEWAL 2021

- Lateral Approach - Sinus KIT (LAS KIT) : KIT optimized for lateral approach in maxillary sinus lift procedure
- Including dome drill and core drill for safe formation of a lateral window; and Ø5.5/7.0 diameters available according to the size of the window
- Depth can be adjusted by mounting a stopper on the LAS Drill, and the window can be safely formed without perforating the membrane



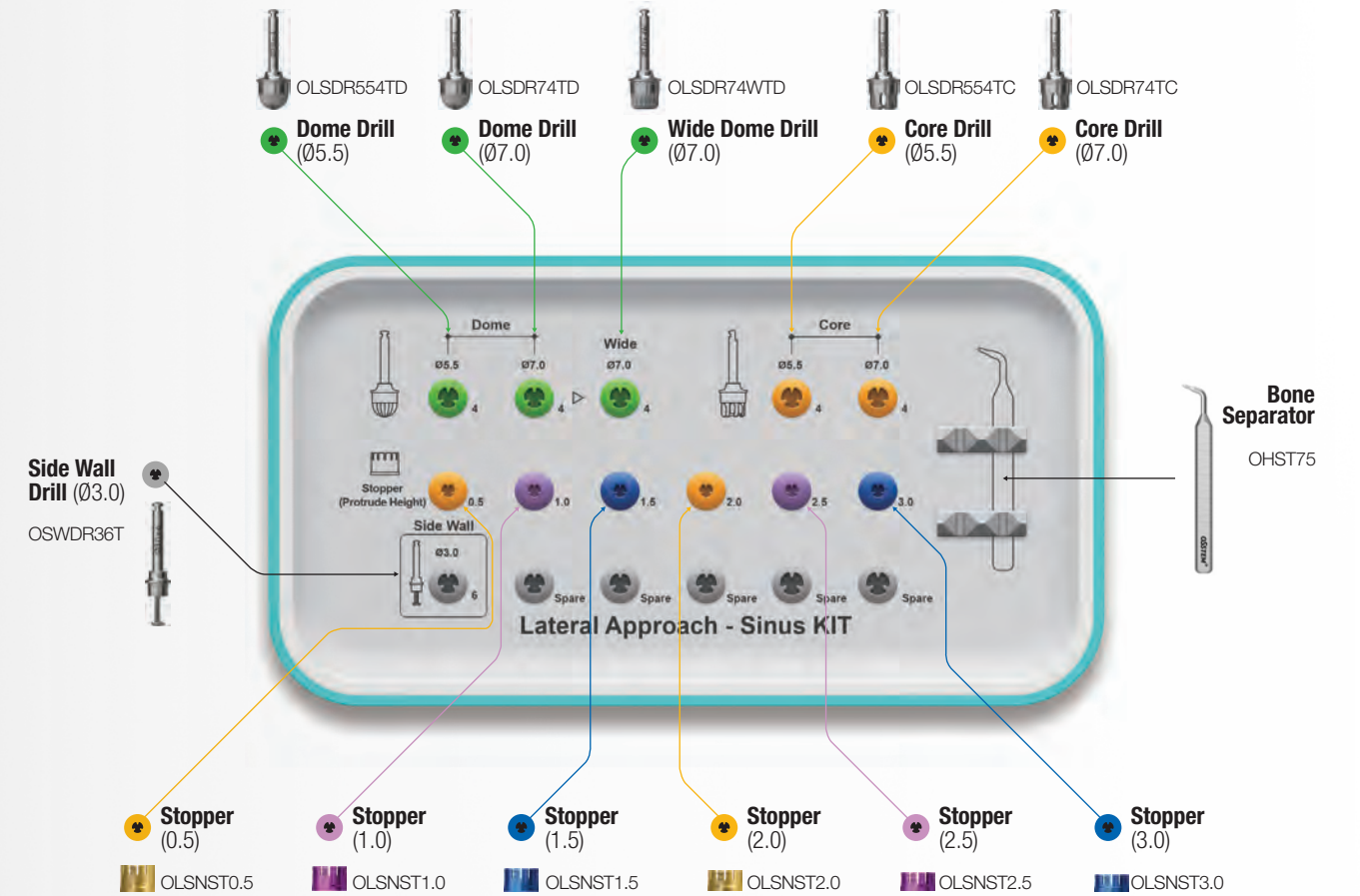
430

OSSTEM KIT

• For ordering codes of single items of LAS KIT, see pages 432-433

LAS Full KIT (OLRSNKP) RENEWAL 2021

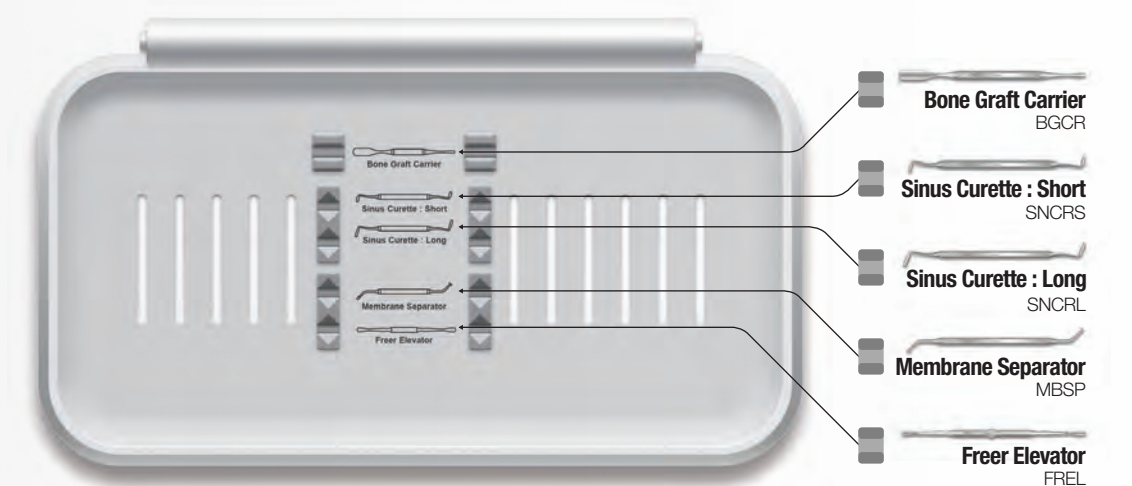
- KIT with 6 additional sinus lift instruments to LAS KIT



431

OSSTEM KIT

LAS KIT Plus Lower Plate



- For ordering codes of single items of LAS KIT, see pages 432-433
- Lower panel components of LAS Full KIT are the same as those of Sinus KIT (See page 480)

Dome Drill 2012.04

- Forming a window while collecting bone
- Enhanced cutting force with macro and micro cutting edges in combination
- Depth adjusted by assembling with a stopper
- Recommended drilling speed: 1,200~1,500rpm
- ※ Over-drilling may result in damage to the membrane

L \ D	Ø5.5	Ø7.0	Wide Ø7.0
25	LSDR54TD	LSDR74TD	LSDR74WTD



Core Drill 2012.04

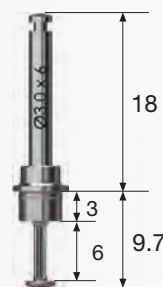
- Forming a window while forming the bone lid
- Excellent cutting force and membrane stability owing to the CAS Drill design concept
- Recommended drilling speed: 1,200~1,500rpm
- ※ Over-drilling may result in damage to the membrane

L \ D	Ø5.5	Ø7.0
25	LSDR54TC	LSDR74TC



Side Wall Drill 2012.06

- Expanding the window after drilling with a dome drill
- Cutting at 1mm above the bottom of the drill edge recommended
- Recommended drilling speed: 1,500rpm

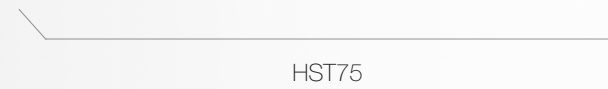


Side Cutting edge height (mm)	1.0	2.0	3.0	4.0	5.0
CAS KIT stopper (mm)	8.0	9.0	10	11	12
Side wall drill + CAS KIT stopper					

※ Depth adjusted by the use of CAS KIT Stopper in common

Bone Separator 2013.07

- Removing the bone lid from the inside of the core drill

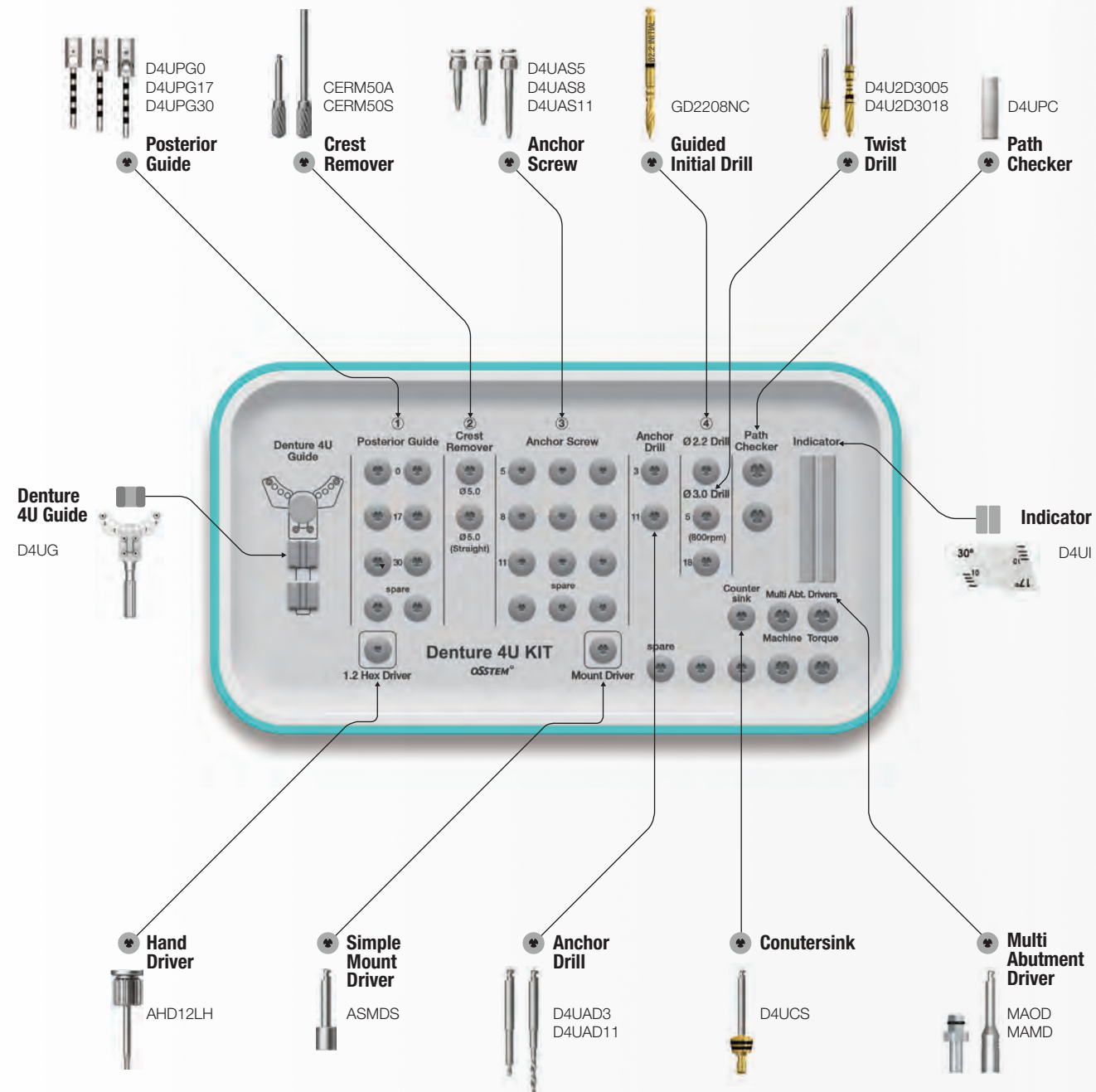


Stopper 2012.05

- Number on the stopper indicates the protruding length of the tip when assembled to a drill or other instruments
- Color coded by length
- Number of uses for the drill and stopper: 50 times

L	0.5	1.0	1.5	2.0	2.5	3.0
	LSNST0.5	LSNST1.0	LSNST1.5	LSNST2.0	LSNST2.5	LSNST3.0
Color	Yellow	Purple	Blue	Yellow	Purple	Blue

Applicable Products **TSII / III** **USII / III**



Denture 4U Guide

- Guide for stable and accurate initial and intermediate drilling for Denture 4U procedure
- Anterior guide : drilling positioning for Ø2.2 in anterior region (tooth number 2 and 3 positions marked)
- Posterior guide : drilling positioning function for Ø3.0 drill in posterior region
- ※ Used by assembling with the posterior guide of desired angle
- A removable handle for Denture 4U Guide



D4UG

Posterior Guide

- Used by assembling to the anterior guide prior to procedure
- ※ Assembled with the angle marking side shown
- Enables adjustment of the implant placement position in posterior region and buccolingual inclination
- Prior to procedure, selecting the angle of Posterior Guide through CT scans is recommended
- ※ Replaceable during procedure
- Drilling is performed by slowly entering the guide hole, referring to the marking line on the side of the posterior guide hole
- Drilling depth adjusted by drilling to the bottom of the marking line in the mesial direction
- Marking line spacing on the rod : 2mm



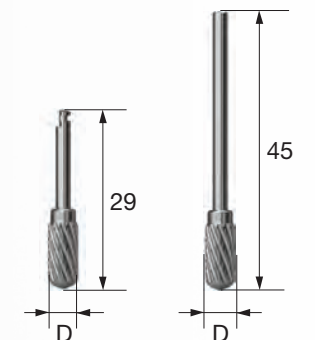
Degree	0°	17°	30°
	D4UPG0	D4UPG17	D4UPG30



Bottom of the marking line →
Check mesial direction

Crest Remover

- Used for bone flattening for Denture 4U Guide procedure
- Marking the implant placement position after removing narrowed ridge horizontally
- Recommended drilling speed
 - Angled type : 1,200~1,500rpm
 - Straight type : 15,000~30,000rpm



L	D	Ø5.0
29		CERM50A
45		CERM50S

Denture 4U KIT Surgical Instruments

Anchor Screw

- Used for stable fixing of the bone in place by connection to the fixed center hole of the Denture 4U Guide and the fixed hole of Posterior Guide
- Fixing the Anchor Screw with the Mount Driver; if the Anchor Screw is not fixed well at this time, the Anchor Drill should be used first for drilling
 - ※ Anchor drill used first for normal/hard bone
- Selecting an Anchor Screw of appropriate length according to the degree of posterior segment retraction
- Engine is stopped to prevent Anchor Screw from spinning with no traction when in contact with the guide

L \ D	Ø1.65
5	D4UAS5
8	D4UAS8
11	D4UAS11



Anchor Drill

- Used to form a hole in normal/hard bone prior to tightening an Anchor Screw
- Drilling with a 3mm drill is recommended prior to additional drilling with an 11mm drill

L \ D	Ø1.65
3	D4UAD3
11	D4UAD11



Guided Initial Drill

- Used for drilling in anterior region : Ø2.2 drilling into the anterior guide hole of the Denture 4U Guide
- Drilling is performed by selecting a desired drilling hole of the Anterior Guide
- Recommended drilling speed: 800rpm

L \ D	Ø2.2
5	GD2208NC



Twist Drill

- Drilling is performed by slowly entering the guide hole, with the angle matched as much as possible, referring to the marking line on the side of the Posterior Guide hole
- Drilling depth adjusted by drilling to the bottom marking line in the mesial direction
- Marking line spacing of the rod: 2mm
- Recommended drilling speed: 800rpm

L \ D	Ø3.0
5	D4U2D3005
18	D4U2D3018



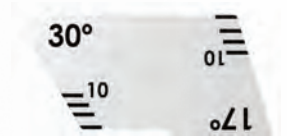
Conutersink

- Drill for using the Taper Drill after removing the Denture 4U Guide
 - ※ For removing bone interference from the stopper of the Taper Drill
- Removing bone interference upon assembling to the Multi Angled Abutment



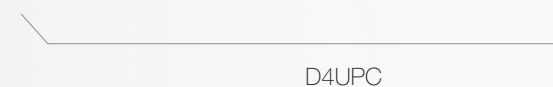
Indicator

- Checking the location of the mental foramen, and the placement direction and length of the implant beforehand to ensure the stability in the procedure
 - ※ For checking the location of the mental foramen by opening a flap completely



Path Checker

- Checking the location of the mental foramen by predicting the extended line of the path checker through panoramic or CT scan
 - ※ For checking the location of the mental foramen without fully opening a flap



Denture 4U KIT Surgical Instruments

Simple Mount Driver

- Used for placing an Anchor Screw for stable fixing of the Denture 4U Guide in place

L
Short ASMDS



Multi Abutment Machine Driver

- A dedicated Machine Driver for Multi Abutment

MAMD



Multi Abutment Outer Driver

- A dedicated Torque Driver for Multi Abutment

MAOD



OSSTEM[®]
IMPLANT

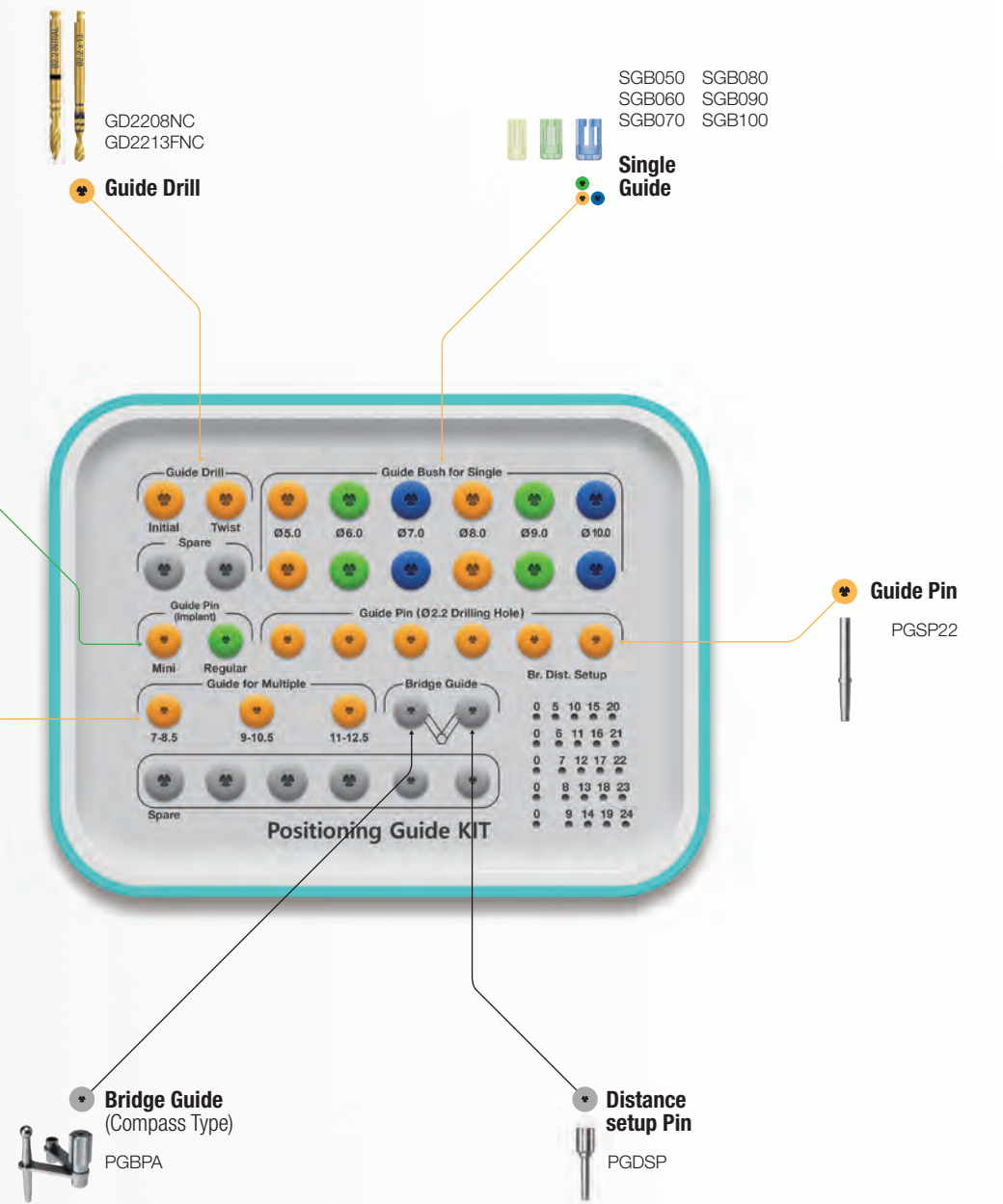
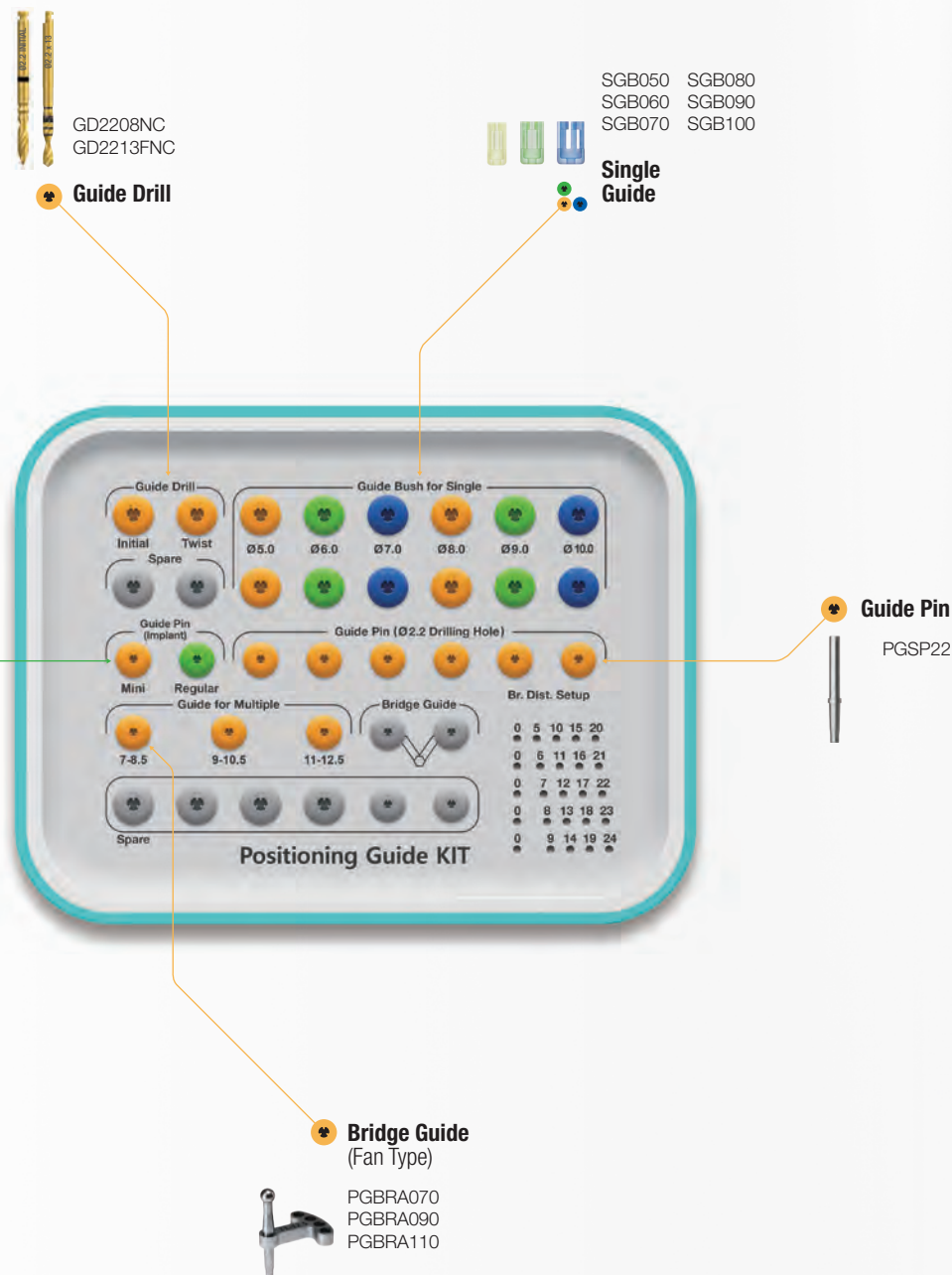
Positioning Guide KIT (OPGPK) RENEWAL 2022

Positioning Guide Full KIT (OPGAK) RENEWAL 2022

Lower panel components



Denture Guide (Option) PGODA



Lower panel components



Denture Guide (Option) PGODA

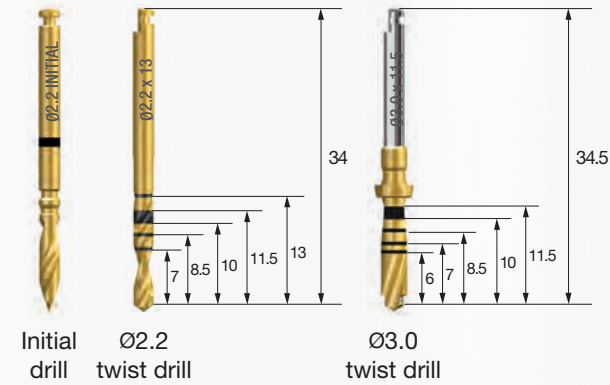


Positioning Guide KIT Surgical Instruments

Guide Drill ^{2015.07}

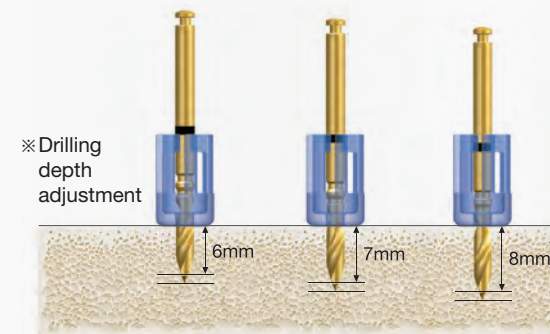
- Initial drill : For initial drilling, assemble to the Single Guide to adjust the drilling depth
- Ø2.2 twist drill : Used with the bridge guide for initial drilling
- Ø3.0 twist drill : For subsequent drilling of Ø2.2 Twist Drill drilling path guide

D	Ø2.2	Ø3.0
Initial drill	GD2208NC	-
Twist drill	GD2213FNC	2D3011LC01



Single Guide ^{2015.07}

- Transparent material applied to facilitate the viewing of the position and direction for drilling
- 6 types with different mesiodistal crown diameters (Ø5.0~10.0)
- Packing unit : 2ea
- ※ Drilling depth adjusted to 6, 7 or 8mm using the marking line of the Initial Drill, based on the top line of the single guide
- ※ Disposable, Do not reuse



	F5.0	F6.0	F7.0	F8.0	F9.0	F10.0
	SGB050	SGB060	SGB070	SGB080	SGB090	SGB100

Guide Pin (Implant) ^{2015.07}

- Pin for checking the path and fixing the single guide in place after implant placement
- C = Connection

C	Mini	Regular
	PGSPM	PGSPR



Guide Pin ^{2015.07}

- A pin for checking the path around drilling and fixing the Single Guide in place



Bridge Guide ^{2015.07}

- Guide for adjusting the direction and distance for drilling
- Fan type : Selectable in 0.5mm increments (7~12.5mm)
- Compass type : Adjustable in 1 mm increments (5~24mm)
- Used after adjusting the distance in the distance setup of the mid panel of KIT



Type \ Distance	7~8.5	9~10.5	11~12.5	5~24
Fan	PGBRA070	PGBRA090	PGBRA110	-
Compass	-	-	-	PGBPA

Multi Joint Handle ^{Option 2015.07}

- Instrument to place the guide from the outside of the mouth by connecting to the ball head of the Bridge Guide



Denture Guide ^{Option 2015.07}

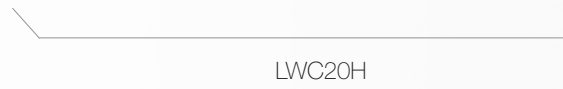
- Guide with adjustable angles for respective patients in edentulous cases
- Drilling is performed in the mouth with the angle fixed using an L-wrench after adjusting the angle according to the arch shape of the patient in a working model
- Marking line refers to the No. 2,3,4,5,6 positions of the teeth from the center



Positioning Guide KIT Surgical Instruments

L-wrench Option 2015.07

- Instrument to adjust the size of the Denture Guide and fix it in place



Distance Setup Pin Option 2015.07

- A pin for Bridge Guide compass type and denture guide fixation



SmartGuide KIT (OSGK) 2015.12

Lower panel components

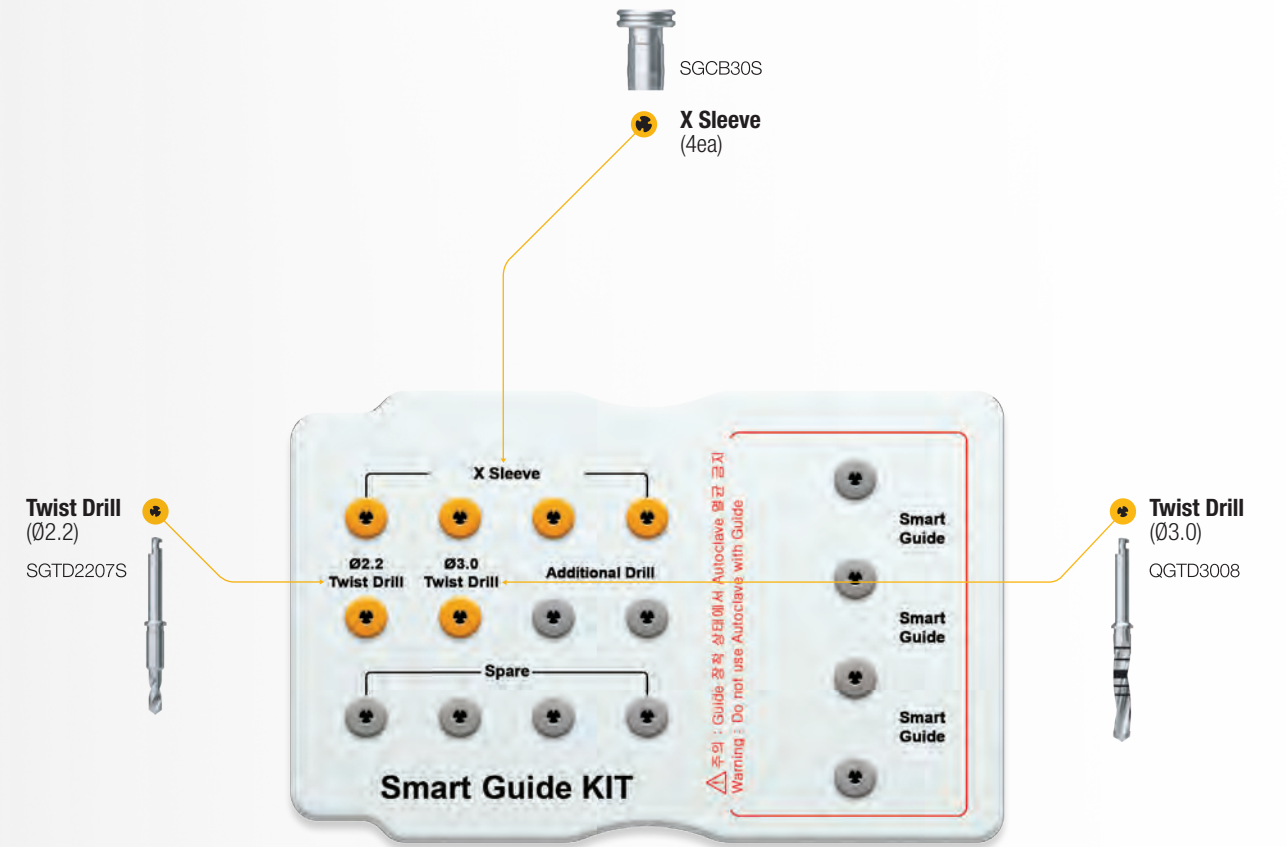
Guide Pin (4ea)
SGP22



Round bur (2ea)
RAHM1018



Twist Drill (2ea) (Ø2.2) For working models
2D2208LC01



SmartGuide KIT Surgical Instruments

SmartGuide 2015.12

- Thermoplastic surgical guide
- Freely deformable after immersion in about 70°C water for about 1 minute
- Curing at room temperature after 1 minute from deformation

※ Disposable, Do not reuse; Use after low temperature disinfection (Do not autoclave or use hydrogen peroxide)

Type	Single	Free-end Bridge	2-Unit Br.: small	2-Unit Br.: large
				
	SGTSS	SGTFB90LS	SGTB63SS	SGTB85LS

Twist Drill 2015.12

- A drill used through the guide in the mouth
- Enables stable drilling by connecting to the sleeve of SmartGuide
- After initial drilling with Ø2.2 drill, additional drilling with Ø3.0 drill is performed
- Recommended drilling speed : 1,200~1,500rpm

D	Ø2.2	Ø3.0
	SGTD2207S	QGTD3008



X Sleeve 2015.12

- Instrument to check if the guide is produced as intended through CT scans or x-ray images by connecting to the SmartGuide sleeve
- After connecting to the SmartGuide outside the mouth, mount inside the oral cavity

	SGCB30S
--	---------



Twist Drill (Ø2.2) For working models 2015.12

- Used for initial marking on the working model
- Number of use cycles: 10 times
- Additional drilling after using the round bur
- Recommended drilling speed: 1,200~1,500rpm

D	Ø2.2
	2D2208LC01



Guide Pin 2015.12

- Assembled to the working model for fixing the SmartGuide in place
- Connected to the SmartGuide sleeve

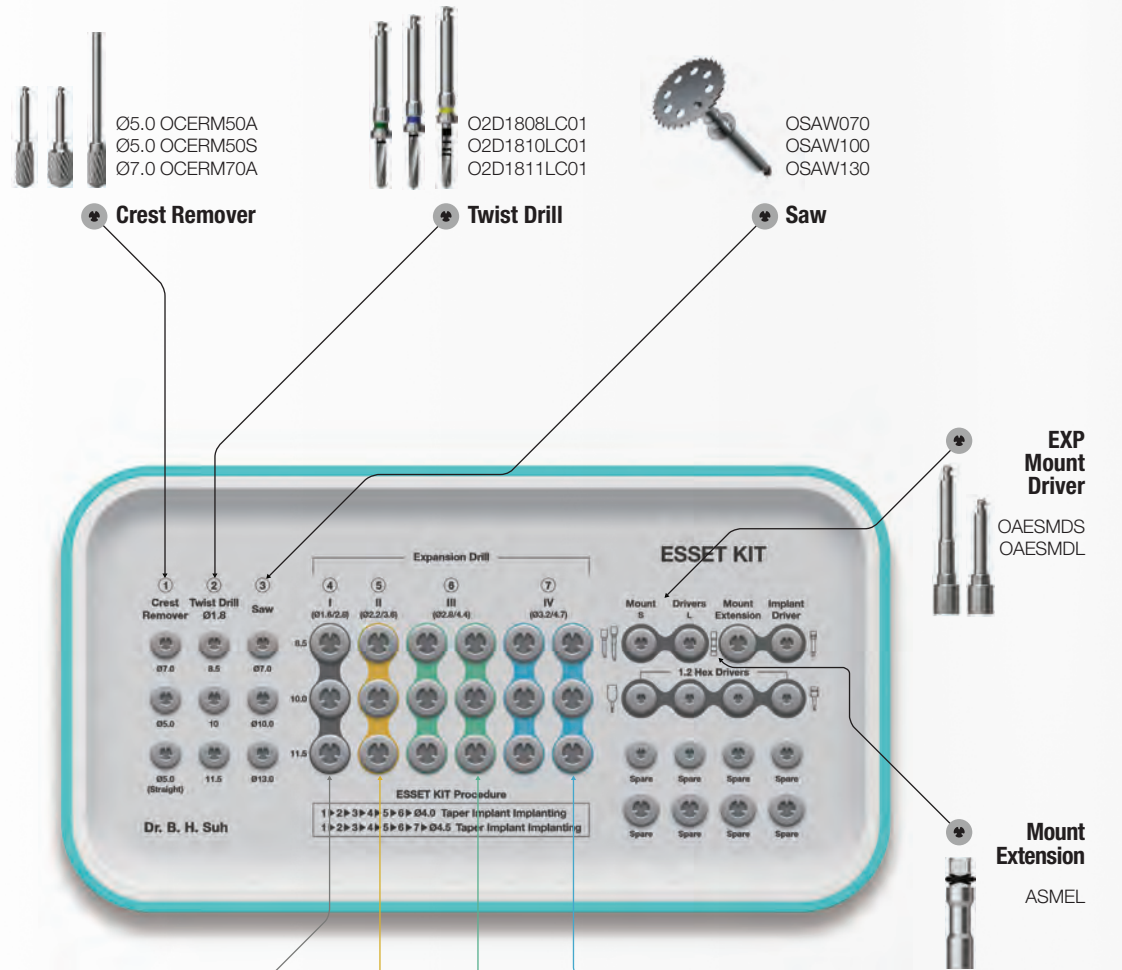
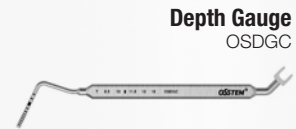
	SGP22
--	-------



Applicable Products



Lower panel components



- Crest Remover**
- Ø5.0 OCERM50A
 - Ø5.0 OCERM50S
 - Ø7.0 OCERM70A

- Twist Drill**
- O2D1808LC01
 - O2D1810LC01
 - O2D1811LC01

- Saw**
- OSAW070
 - OSAW100
 - OSAW130

- Expansion Drill**
- OEXP162808
 - OEXP162810
 - OEXP162811

- Expansion Drill**
- OEXP223608
 - OEXP223610
 - OEXP223611

- Expansion Drill (2ea)**
- OEXP284408
 - OEXP284410
 - OEXP284411

- Expansion Drill (2ea)**
- OEXP324708
 - OEXP324710
 - OEXP324711

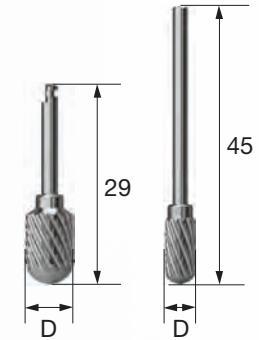
- EXP Mount Driver**
- OAESMDS
 - OAESMDL

- Mount Extension**
- ASMEL

Crest Remover

- Marking the implant placement position after removing the narrow alveolar ridge horizontally
- Recommended drilling speed
 - Angled type : 1,200~1,500rpm
 - Straight type : 15,000~30,000rpm

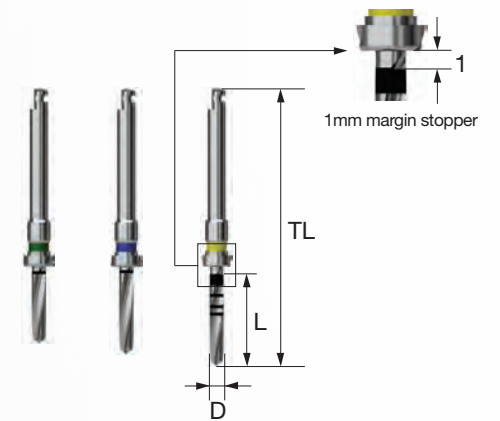
L \ D	Ø5.0	Ø7.0
29	CERM50A	CERM70A
45	CERM50S	-



Twist Drill

- Marking the implant placement position
- Depth adjusted by assembling a stopper according to the implant length
- Recommended drilling speed : 1,200~1,500rpm

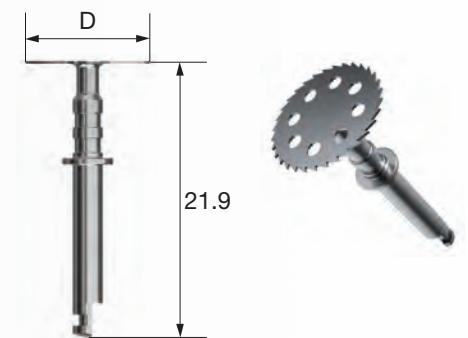
L \ TL \ D	Ø1.8
8.5 \ 33	2D1808LC01
10 \ 34.5	2D1810LC01
11 \ 36	2D1811LC01



Saw **RENEWAL 2022**

- Incision of the narrowed ridge
- After vertical incision, perform the incision of the entire area in the mesial to distal directions
- Recommended drilling speed: 1,200~1,500rpm
- Recommended number of use cycles: 10 times
- Used after connecting to the saw protector at the position of the saw connecting groove

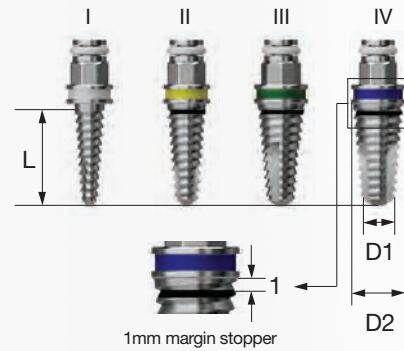
D	Ø7.0	Ø10.0	Ø13.0
	HSAW070	HSAW100	HSAW130



• For ordering codes of single items of ESSET KIT, see pages 449-451

Expansion Drill 2016.12

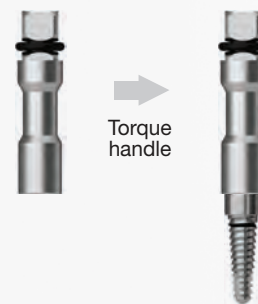
- Expansion of the ridge after incision
- Used in sequence according to the implant diameter
F4.0 : I → II → III / F4.5 : I → II → III → IV
- Recommended drilling speed: 25~35rpm



L \ Type	I	II	III	IV
D1 / D2	Ø1.6 / 2.8	Ø2.2 / 3.6	Ø2.8 / 4.4	Ø3.2 / 4.7
8.5	EXP162808	EXP223608	EXP284408	EXP324708
10	EXP162810	EXP223610	EXP284410	EXP324710
11.5	EXP162811	EXP223611	EXP284411	EXP324711

Mount Extension

- Used for applying torque in manual mode in the process of placing or removing an Expansion Drill into the alveolar bone

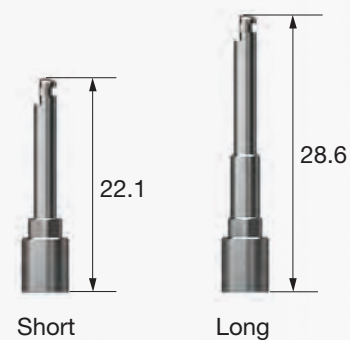


ASMEL

EXP Mount Driver

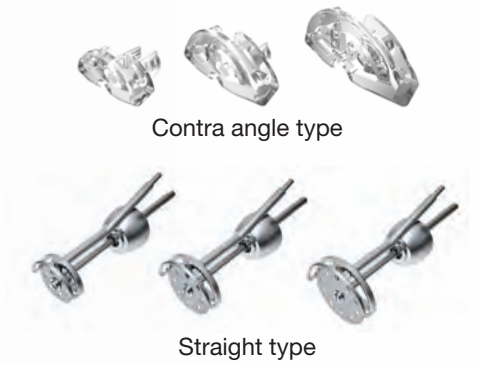
- Used for applying torque for engine in the process of placing or removing an Expansion Drill into the alveolar bone

L	
Short (L)	AESMDS
Long (L)	AESMDL



Saw Protector RENEWAL 2022

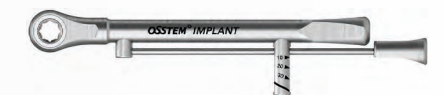
- Allows safe approach for sawing with a semi-circular saw cover
- Excellent visibility for the procedure by forming a window
- Flexible procedure with a 360° rotating saw
- Straight type (built-in saw cover) : KaVo(CL10) ※ **Dedicated saw used**
- For contra angled type, saw protector is assembled to the saw connecting stopper at a proper position for use
- ※ **The contra angled type is disposable so do not reuse (Must be discarded after use)**



Type \ D	Ø7.0	Ø10.0	Ø13.0	Ø15.0	Full Set
Contra Angled	OSP070	OSP100	OSP130	-	-
Kavo Straight	Saw	-	SAW10S	SAW13S	SAW15S
	Set	-	SP10S	SP13S	SP15S
					SP101315S

Torque Wrench (Bar Type) 2012.05

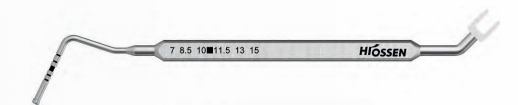
- Used for adjustment of placement position of implants and tightening of abutment and screws
- Torque is applied by pulling the bar and aligned to the line indicated with the torque value to be applied



TW30B

Depth Gauge

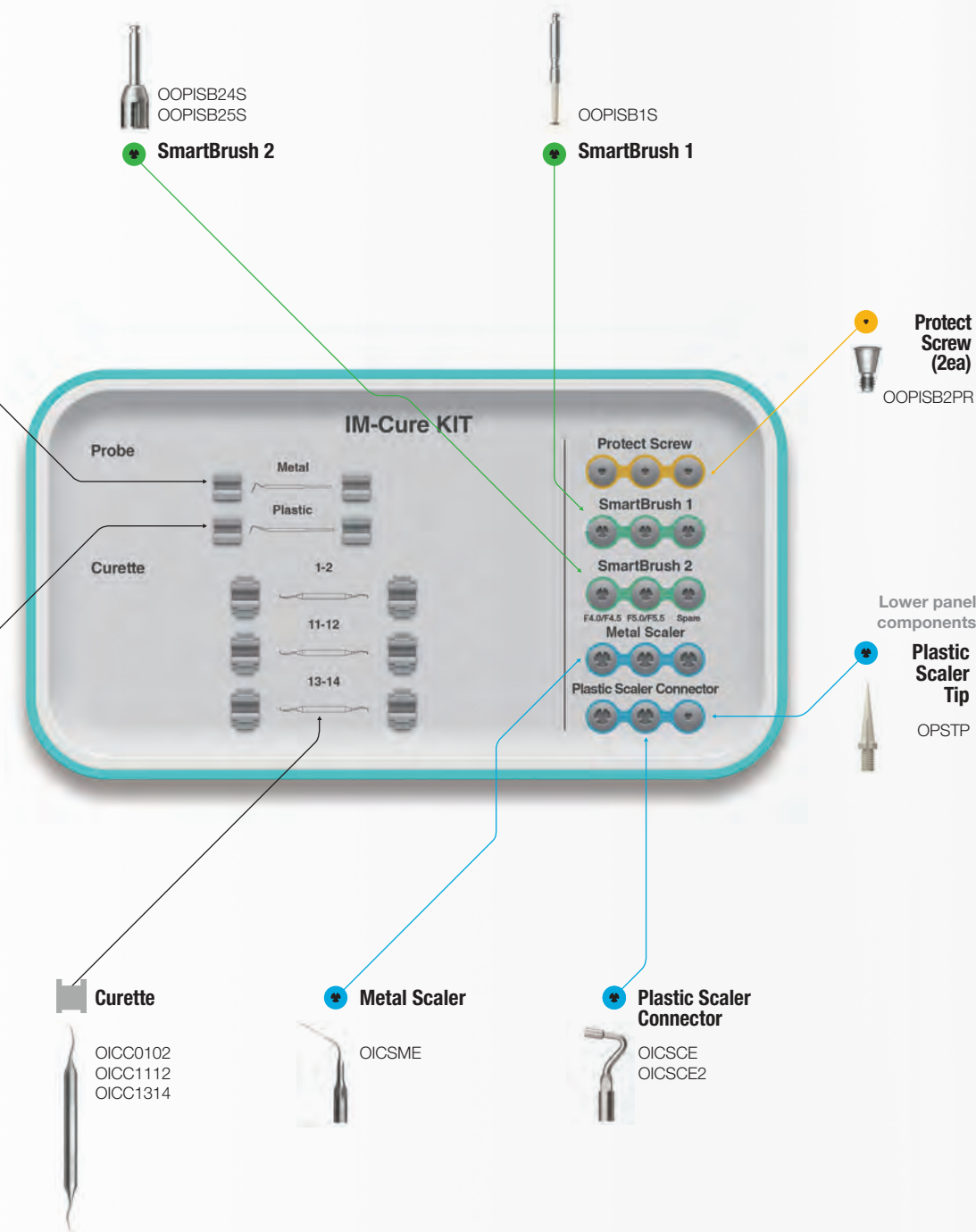
- Instrument to release excessive torque by rotating the hex of the Expansion Drill with an open wrench when the hand piece does not move with the Expansion Drill stuck in alveolar bone in the process of removing the drill



ODG

Metal Probe
OICPM

Plastic Probe
OICPP



• For ordering codes of single items of IM-Cure KIT, see pages 453-455

Metal Probe

- Instrument to measure the depth of periodontal disease
- Measuring periodontal pockets and identifying the shape of the periodontal pockets such as depth/size
- Marking line for probing in 1 mm increments



HICPM

Plastic Probe

- Instrument to measure the depth of infection or periodontal disease around the implant
- Scratching of implant is prevented by using plastic material
- Flexible probe suitable for the curved form of alveolar bone
- Autoclave can be used
- Marking line for probing in 1 mm increments



HICPP

Curette

- Instrument for removing subgingival sediments firmly attached to the granulation tissue of a specific area
- Gracey curette
- 01-02 : For removal of granulation tissue from anterior region
- 11-12 : For removal of granulation tissue from the mesial surface in anterior region
- 13-14 : For removal of granulation tissue from the distal surface in anterior region



Type	01-02	11-12	13-14
	HICC0102	HICC1112	HICC1314

IM-Cure KIT Surgical Instruments

Protect Screw

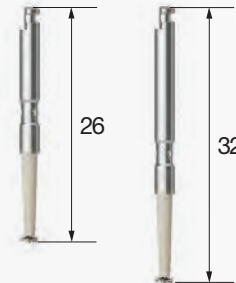
- Preventing infiltration of foreign substances into the internal connection of the implant using SmartBrush 2
- Tightened with 1.2 hex driver at force of 5Ncm



Type	Mini	Regular
	OPISB2PM	OPISB2PR

SmartBrush 1

- Used for peri-implantitis cleaning
- Used after connecting the Protect Screw to the implant after removing the patients prosthesis or abutment
- Recommended drilling speed: 1,200~1,500 rpm
- Recommended number of use cycles : About 1 minute per thread
 - ※ Do not use for longer than 4 minutes
- Be sure to polish with saline irrigation and suction
- ※ Disposable and do not reuse (Must be discarded after use)



L	
Short	OPISB1S
Long	OPISB1L

SmartBrush 2 ^{2017.11}

- Used for peri-implantitis cleaning
- Used after connecting the Protect Screw to the implant after removing the patients prosthesis or abutment
- Be sure to polish with saline irrigation
- Recommended drilling speed: 1,200~1,500rpm
- Recommended number of use cycles : 1~2 minutes
 - ※ Excessive use for longer than 3 minutes may result in fracture or bending of the product
 - ※ Disposable, Do not reuse (Must be discarded after use)



L \ D	F3.0 / F3.5	F4.0 / F4.5	F5.0 / F5.5	F6.0	F7.0
Short	OPISB23S	OPISB24S	OPISB25S	OPISB26S	OPISB27S
Long	OPISB23L	OPISB24L	OPISB25L	OPISB26L	OPISB27L

Metal Scaler

- Used for removing plaque or foreign substance from the surface of the implant by connecting to an ultrasonic scaler
- Used as a secondary instrument after using SmartBrush 1 or SmartBrush 2
- Bendable tip of the product for easy access
- EMS, KaVo and SATELEC types available



Type	EMS	KaVo	SATELEC
	HICSME	HICSMK	HICSMS

Plastic Scaler Connector

- Used by assembling to a plastic scaler tip
- Do not use for removing foreign substances from the implant surface
- EMS, KaVo and SATELEC types available
- A = Angle



A \ Type	EMS	KaVo	SATELEC
125°	HICSCE	HICSCK	HICSCS
100°	HICSCE2	HICSCK2	HICSCS2

Plastic Scaler Tip

- Used for removing foreign substances from the abutment or crown by connecting to a SmartScaler
- ※ Do not use on the implant surface
- Packing unit : 30ea/1set



	PSTP
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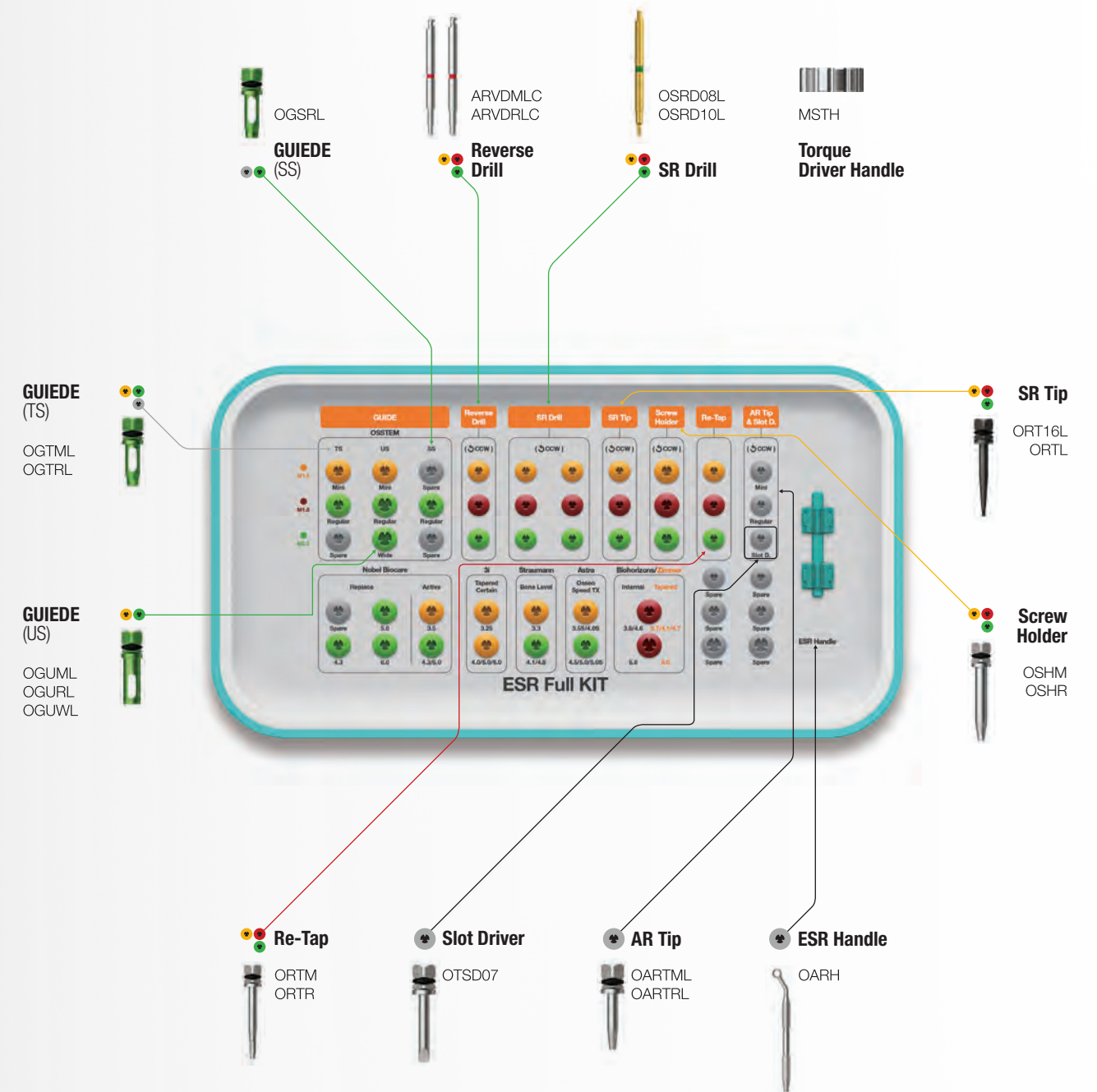
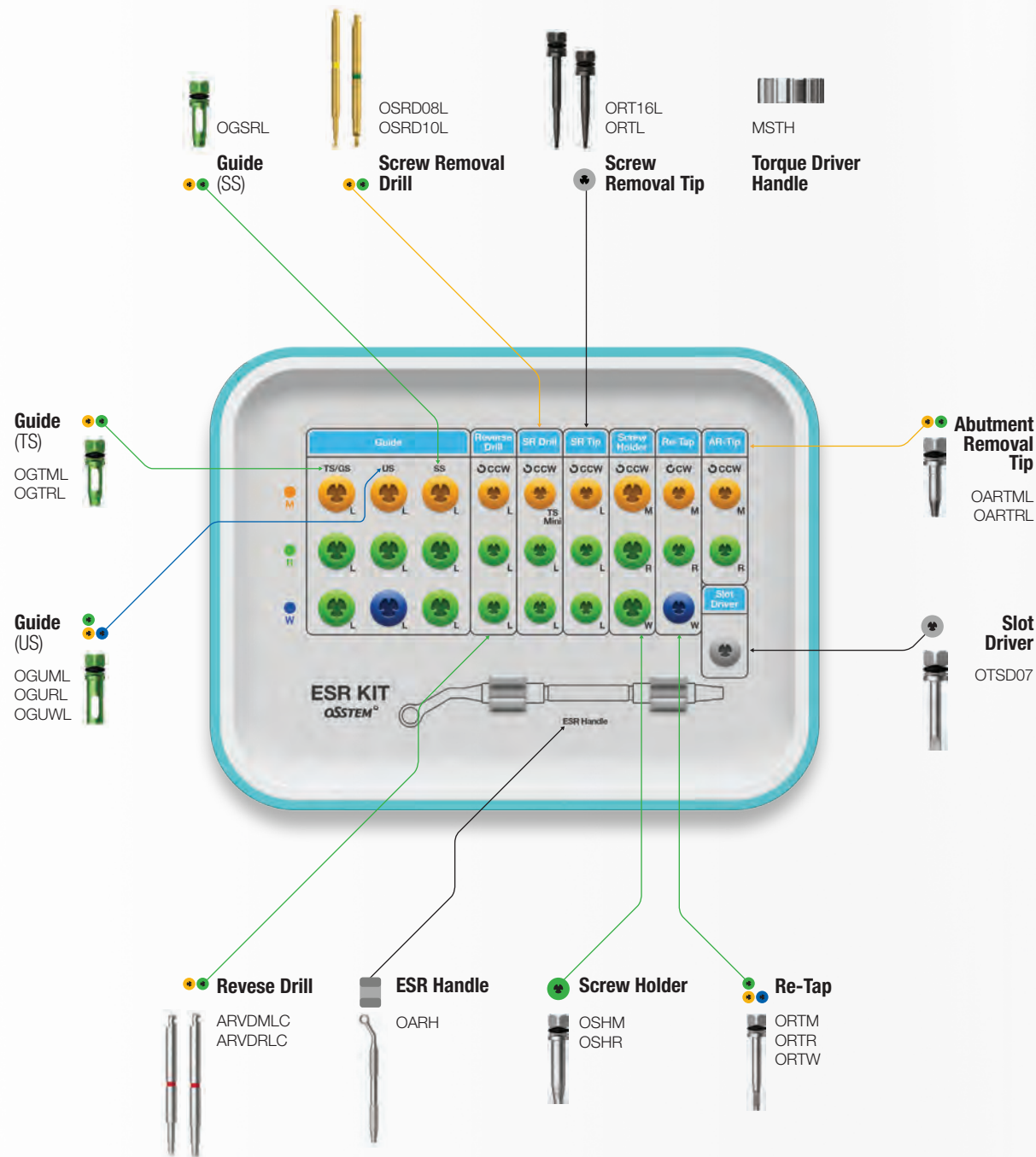
ESR KIT Easy Screw Removal KIT (OESRK) RENEWAL 2020

ESR Full KIT Easy Screw Removal Full KIT (OESRFK) 2018.01

• Including the same components as ESR KIT and allows holding of the components provided by other companies

Applicable Products

Nobel Biocare Active/Replace / Straumann Bone Level / Astra Osseo Speed TX
3i Full OSSEOTITE Tapered Certain / Zimmer Tapered / Biohorizons Internal



Items not included in the KIT

Guide								
Nobel	Active	Replace	3i	Tapered Certain		Straumann	Bone Level	Roxolid SLActie
	OGNA01L OGNA02L	OGNR02L OGNR03L OGNR04L		OGIF01L OGIF02L			OGSB01L OGSB02L	OGSTRS OGSTRL
Astra	Osseo Speed TX		Biohorizons	Internal	External	Zimmer	Tapered	
	OGAO01L OGAO02L			OGZB01L OGZB02L	OGBES OGBEL		OGZB01L OGZB02L	
SR Drill	SR Tip		Screw Holder		Re-Tap			
OSRD09L	ORT18L		OSHR18L		ORTR18L			

Guide

- Used for centering and prevention of shaking of SR Drill, SR Tip, etc. by connecting and fixing to the implant
- Use according to implant type and diameter
(Internal/submerged type products of 6 overseas manufacturers)
- Short or Long types selected according to the intermaxillary distance
- ■ Used in common
- C = Connection / D = Diameter

Osstem

C \ Type	TS		SS		US		KS	
	Short	Long	Short	Long	Short	Long	Short	Long
Mini	OGTMS	OGTML	OGUMS	OGUML	OGUMS	OGUML	-	-
Regular	OGTRS	OGTRL	OGSRS	OGSRL	OGURS	OGURL	OKGRS	OKGRL
Wide	-	-	OGSRS	OGSRL	OGUWS	OGUWL	-	-

Nobel Biocare

D \ Type	Active		Replace	
	Short	Long	Short	Long
Ø3.5	OGNA01S	OGNA01L	-	-
Ø4.3	OGNA02S	OGNA02L	OGNR02S	OGNR02L
Ø5.0	OGNA02S	OGNA02L	OGNR03S	OGNR03L
Ø6.0	-	-	OGNR04S	OGNR04L

Nobel Biocare

D \ Type	MkIII	
	Short	Long
Ø3.3	OGUMS	OGUML
Ø3.75	OGURS	OGURL
Ø4.0	OGURS	OGURL
Ø5.0	OGUWS	OGUWL

Straumann

D \ Type	Bone Level	
	Short	Long
NC (3.3)	OGSB01S	OGSB01L
RC (4.1)	OGSB02S	OGSB02L
RC (4.8)	OGSB02S	OGSB02L

D \ Type	Roxolid SLActive	
	Short	Long
RN (3.3)	OGSTRS	OGSTRL
RN (4.1)	OGSTRS	OGSTRL
RN (4.8)	OGSTRS	OGSTRL
WN (4.8)	OGSTRS	OGSTRL

Astra

D \ Type	Osseo Speed TX	
	Short	Long
Small (3.5 s)	OGAO01S	OGAO01L
Small (4.0 s)	OGAO01S	OGAO01L
Large (4.5)	OGAO02S	OGAO02L
Large (5.0)	OGAO02S	OGAO02L
Large (5.0 s)	OGAO02S	OGAO02L

3i

D \ Type	Full Osseotite Tapered Certain	
	Short	Long
3.25	OGIF01S	OGIF01L
4.0	OGIF02S	OGIF02L
5.0	OGIF02S	OGIF02L
6.0	OGIF02S	OGIF02L

D \ Type	Full Osseotite Tapered	
	Short	Long
Ø4.0	OGURS	OGURL
Ø5.0	OGURS	OGURL
Ø6.0	OGURS	OGURL

Zimmer

D \ Type	Tapered	
	Short	Long
Green (3.7)	OGZB01S	OGZB01L
Green (4.1)	OGZB01S	OGZB01L
Green (4.7)	OGZB01S	OGZB01L
Green (6.0)	OGZB02S	OGZB02L

Biohorizons

D \ Type	Internal (Tapered Bone Level)	
	Short	Long
Yellow	OGZB01S	OGZB01L
Green	OGZB01S	OGZB01L
Blue	OGZB02S	OGZB02L

D \ Type	External	
	Short	Long
Ø3.5	OGUMS	OGUML
Ø4.0	OGURS	OGURL
Ø5.0	OGBES	OGBEL
Ø6.0	OGBES	OGBEL

Reverse Drill ^{2017.06}

- Instrument used for removing fractured screws
- Be sure to use with a suitable guide for the implant
- When the red marking of the reverse driver is shown above the guide assembled to the implant, use a screw holder to remove the fractured screw
- For hand mode / Rotating direction : Reverse rotation / Number of use cycles: 10 times

※ Do not use more than 10 times; Do not reuse

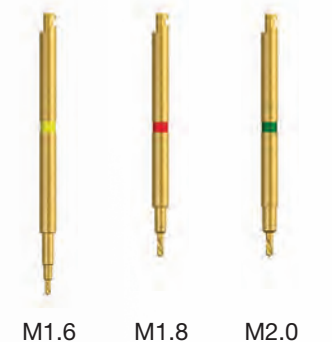
L \ Type	M1.6	M1.8	M2.0
Short	-	ARVDRSC	ARVDRSC
Long	ARVDMLC	ARVDRLC	ARVDRLC



Screw Removal Drill (SR Drill) ^{2014.12}

- Used for removal to form a hole in fractured screws
- Be sure to assemble to the guide and remove the cut chips by suction with irrigation to the window
- Select Short or Long types according to the intermaxillary distance
- Drilling until the red line around the handle is not visible
- Recommended drilling speed: 1,200~1,500rpm in reverse rotation / Number of use cycles: 5 times
- ※ Be sure to use with a guide assembled / Do not exert excessive vertical force / Do not soak in hydrogen peroxide
- ※ Disposable, Do not reuse
- Short : Sold as a single item

L \ Type	M1.6	M1.8	M2.0
Short	OSRD08S	OSRD09S	OSRD10S
Long	OSRD08L	OSRD09L	OSRD10L



Torque Driver Handle

- Used by rotating by hand after assembling with products such as SR tip, AR tip, and screw holder



MSTH

ESR Full KIT Surgical Instruments

Reverse Driver ^{2010.10}

- Instrument used for removing fractured screws
- Be sure to use with a suitable guide for the implant
- When the red marking of the reverse driver is shown above the guide assembled to the implant, use a screw holder to remove the fractured screw
- For hand mode / Rotating direction : Reverse rotation / Number of use cycles : 10 times

※ Do not use more than 10 times

• C = Connection

L \ C	Mini	Regular/Wide
Short	-	ORVDRS
Long	ORVDML	ORVDRL



Screw Removal Tip (SR Tip)

- Used for removing fractured screws by rotating the screw removal tip in the hole on the fractured surface of the screws formed by using the screw removal drill (SR Drill)
- Rotating direction : Reverse rotation

※ Disposable, Do not reuse

L \ Type	M1.6	M1.8	M2.0
Short	ORT16S	ORT18S	ORTS
Long	ORT16L	ORT18L	ORTL



Screw Holder

- Removing partially protruding fractured screws by assembling with a screw holder
- Color coded for easily visible indication of types
- Rotating direction : Reverse rotation

Type	M1.6	M1.8	M2.0
	OSHM	OSHR18	OSHR



Re-tap

- Instrument to restore the thread to the initial state when the screws cannot be fastened due to damage to the internal thread of the implant
- Thread formed in hand mode with a Torque Wrench or Ratchet Wrench

Type	M1.6	M1.8	M2.0
	ORTM	ORTR18	ORTR



ESR Handle ^{2013.03}

- Instrument to fix the guide to the implant

Type	OARH
	OARH



Abutment Removal Tip (AR Tip) ^{2017.07}

- Used for fractured abutment, mount partially remaining and stuck in the implant
- The AR Tip is assembled with the fractured abutment hole, fixed in place tightly and abutment is removed using forceps, etc.
- Mini : removing screws with a slipped hex
- The Mini AR Tip is assembled to the slipped hex, and rotated in the reverse direction to connect to the screw for removal

L \ Type	Mini	Regular
Short	OARTMS	OARTRS
Long	OARTML	OARTRL
Ex.Long	OARTMEL	OARTREL



Slot Driver 2010.10

- Instrument to be used by forming a slot with Ø0.8 bur, when force cannot be exerted using a driver due to the damaged hex of Healing Abutment, Cover Screw, or Abutment Screw.



OTSD07

Transfer Abutment Separate Tool 2009.01

- Used for releasing the jamming caused by Non-hex Transfer Abutment stuck from the contact of the implant and the morse taper
- Commonly used for both Mini and Regular: the body end is used for Mini and for Regular, it is placed into the 2-stage groove
- For ease of separation, the separate tool body is placed into the inner hole of the abutment after removing the abutment screw, and the driver is rotated forward to integrate the body and the abutment.
- If separation is difficult, use the tool after connecting a Ratchet Wrench to the driver



Driver



Body

Driver

TASD

Body

TASB

Set

TAST

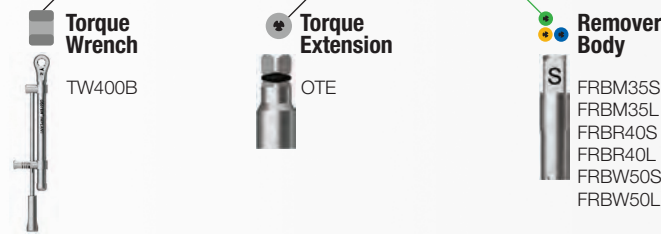
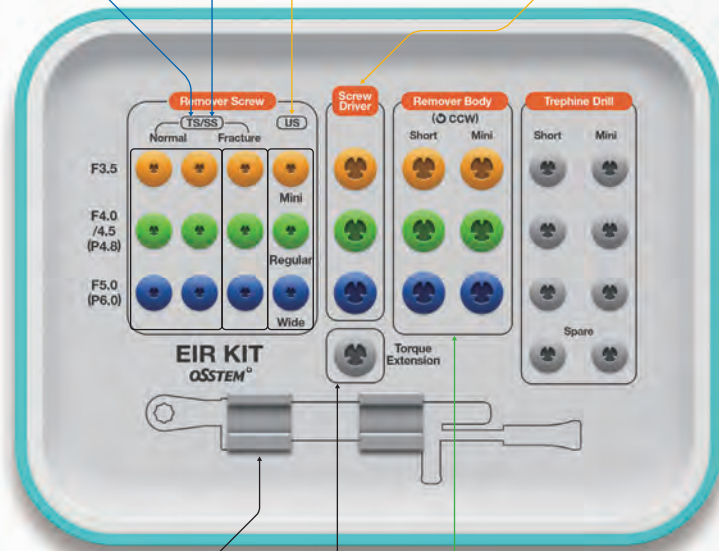
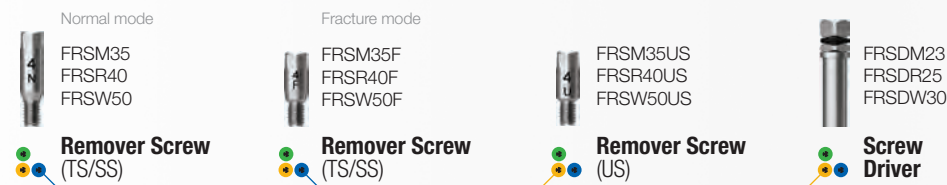
OSSTEM[®]
IMPLANT

EIR KIT Easy Implant Removal KIT (OSFRK) RENEWAL 2022

Applicable Products

- TSII / III
- KSIII
- SSII / III
- USII / III
- Ultra-wide

Top panel components



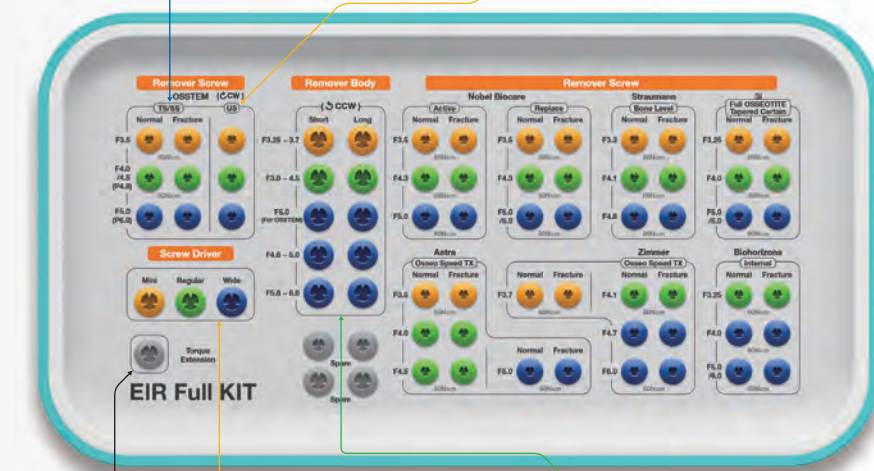
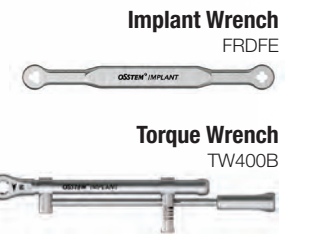
EIR Full KIT Easy Implant Removal Full KIT (OSFRFK) RENEWAL 2022

• Including the same components as EIR KIT and allows holding of the components provided by other companies

Applicable Products

- Nobel Biocare Active/Replace / Straumann Bone Level / Astra Osseo Speed TX
3i Full OSSEOTITE Tapered Certain / Zimmer Tapered / Biohorizons Internal

Top panel components



EIR Full KIT Surgical Instruments

Items not included in the KIT

Remover Screw							
Nobel	Active		Replace				
	Normal	Fracture	Normal	Fracture			
	FRSMNA35 FRSR40 FRSW50	FRSMNA35F FRSR40F FRSW50F	FRSMNR35 FRSR40 FRSW50	FRSMNR35F FRSR40F FRSW50F			
Straumann	Bone Level		3i	Full Osseotite Tapered Certain		Biohorizons Internal	
	Normal	Fracture		Normal	Fracture	Normal	Fracture
	FRSM33 FRSRS41 FRSWS48	FRSM33F FRSRS41F FRSWS48F		FRSMI325 FRSRI40 FRSWI50	FRSMI325F FRSRI40F FRSWI50F	FRSRZ41 FRSWZ47 FRSWZ60	FRSRZ41F FRSWB46F FRSWB46F
Zimmer	Tapered		Astra	Osseo Speed TX		Remover Body	
	Normal	Fracture		Normal	Fracture	FRBW57S FRBW57L FRBUW60S FRBUW60L	
	FRSMZ37 FRSRZ41 FRSWZ47 FRSWZ60	FRSMZ37F FRSRZ41F FRSWZ47F FRSWZ47F		FRSMNA35 FRSRA40 FRSR40 FRSW50	FRSMNA35F FRSRA40F FRSR40F FRSW50F		

Remover Screw

- Acting as a support structure for reverse rotation of the remover body after connected and fixed to the implant
- Used according to the type and diameter of the implant to be removed (Internal/submerged type products of 6 overseas companies, Normal/Fracture)
- Fracture mode is used for removing implants with the hex completely fractured
- Compatible with products of 6 overseas companies
- Recommended tightening torque: Regular/Wide 80Ncm, Mini 60Ncm
- T = Type ※ Disposable, Do not reuse



Osstem

T \ Mode	Mini Ø3.5/-	Regular Ø4.0~4.5/P4.8	Wide Ø5.0/P6.0
TS/SS	Normal	FRSM35	FRSR40
	Fracture	FRSM35F	FRSR40F
US		FRSM35US	FRSR40US
KS	Normal	KSFRSM35	KSFRSR40
	Fracture	KSFRSM35F	KSFRSR40F

Nobel Biocare

T \ Mode	Mini Ø3.5	Regular Ø4.3	Wide Ø5.0/6.0
Active	Normal	FRSMNA35	FRSR40
	Fracture	FRSMNA35F	FRSR40F
Replace	Normal	FRSMNR35	FRSR40
	Fracture	FRSMNR35F	FRSR40F

Straumann

T \ Mode	Mini Ø3.3	Regular Ø4.1	Wide Ø4.8
Bone Level	Normal	FRSMS33	FRSRS41
	Fracture	FRSMS33F	FRSRS41F

Astra

T \ Mode	Mini Ø3.5	Regular Ø4.0	Regular Ø4.5	Wide Ø5.0
Osseo Speed TX	Normal	FRSMNA35	FRSRA40	FRSR40
	Fracture	FRSMNA35F	FRSRA40F	FRSR40F

3i

T \ Mode	Mini Ø3.25	Regular Ø4.0	Wide Ø5.0/6.0
Full Osseotite Tapered Certain	Normal	FRSMI325	FRSRI40
	Fracture	FRSMI325F	FRSRI40F

Zimmer

T \ Mode	Mini Ø3.7	Regular Ø4.1	Wide Ø4.7	Ultra-wide Ø6.0
Tapered	Normal	FRSMZ37	FRSRZ41	FRSWZ47
	Fracture	FRSMZ37F	FRSRZ41F	FRSWZ47F

Biohorizons

T \ Mode	Mini Ø3.8	Regular Ø4.6	Wide Ø5.8
Internal	Normal	FRSRZ41	FRSWZ47
	Fracture	FRSRZ41F	FRSWB46F

EIR Full KIT Surgical Instruments

Screw Driver

- Driver to connect and fix the remover screw to the implant
- Remover screw Recommended tightening torque: Regular/Wide 80Ncm, Mini 60Ncm
- The same type as the remover screw is selected
- T=Type



T	Mini	Regular	Wide
	FRSDM23	FRSDR25	FRSDW30

Remover Body

- Instrument to exert torque in the implant loosening direction by connecting to a remover screw
- Used according to the diameter of the implant to be removed
- ※ Disposable, Do not reuse
- The same type as the remover screw is selected
- T=Type



T	Mini	Regular	Osstem only Wide	For overseas other companies Wide	Ultra-wide
Short	FRBM35S	FRBR40S	FRBW50S	FRBW57S	FRBUW60S
Long	FRBM35L	FRBR40L	FRBW50L	FRBW57L	FRBUW60L

Torque Extension

- Extension of the length of screw driver and remover body (up to 10mm)



	OTE
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Torque Wrench

- Used to remove the implant with the remover body after tightening with a screw driver
- Torque applied up to 400Ncm (60/80/200/300/400Ncm scale display)
- Torque applied by aligning the center of the bar with the torque value to be applied by pulling the bar
- Washed and sterilized after use for storing



	TW400B
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Implant Wrench

- Wrench to remove implant from the remover body



	FRDFE
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Dr. Cho's Instrument KIT (DCHOKIT) 2017.11

- Optimal implant surgery KIT based on years of clinical know-hows
- Composed of 10 types of instruments (1ea each)

Periosteal Elevator (24G)

- Lifting mucosal periosteum after gingival tissue incision
 - W : 4.2/4.0mm
- EP24G-W

Minesota Retractor

- Securing a clear view by pulling the mouth, cheeks, etc.
- RTCRM-W

Extension Hose Adapter

- Adapter for chair suction connection
- SNKHA-W

Needle Holder (Crile-Wood, TC)

- Straight
 - Tungsten carbide treated beak
 - L : 150mm (±5)
- NHC150TC-W

Tissue Forcep (ADSON)

- Used for holding soft tissue
 - No protrusion on the inner surface of the beak
 - L : 120mm (±5)
- PT41-W

Titanium Suction Tip

- D (inner diameter): 3.0mm
- SN3TI-W

Periosteal Elevator (Selden)

- Retracted and fixed for gingival tissue flap
 - W : 10/13mm
- EP23-W

Ochsenbein Chisel

- Bone removal and formation
 - W : 5.0mm
- CHCO1-W

Extension Hose

- Extension hose for chair suction connection
 - Autoclave can be used
 - Transparent silicone material
- SNKHS-W

Dr.Cho's Instrument Pouch

- Used for storing and sterilization of instruments
 - L : 550 X 400mm
- WPB-W



Osstem Basic Instrument KIT (OBKIT) 2017.11

- Commonly used implant surgery KIT
- Composed of 25 types of instruments (1ea each)

Periosteal Elevator (24G)

- Lifting mucosal periosteum after gingival tissue incision
 - W : 4.2/4.0mm
- EP24G-W

Pouch

- Used for storing and sterilization of instruments
 - L : 470 X 400mm
- WPA-W

Mirror

MHC-DMCS4-W

Chisel

- Bone removal and formation
 - Oschenbien & fedi (curved)
 - W : 5.0mm
- CHCO2-W

Hemostats

- Mosquito (curved)
 - L : 130mm (±5)
- HTM130C-W

Scalpel Handle (Flat Type)

SHF-W

Needle Holder

- Mayo-Hegar
 - Tungsten carbide treated beak
 - L : 160mm (±5)
- NH160TC-W

Titanium Suction Tip

- D (inner diameter): 3.0mm
- SN3TI-W

Tissue Forcep ADSON

- Protrusion on the inner surface of the beak
 - L : 120mm (±5)
- PT42-W



Osstem Basic Instrument KIT (OBKIT) 2017.11

Periosteal Elevator (Selden)

- Retracted and fixed for gingival tissue flap
- W : 10/13mm
- EP23-W

Scissor (LaGrange)

- Compound (curved)
- L : 115mm (±5)
- SCLC115-W

Surgical Curettes (Gracey)

- CGR11-12-W

Surgical Curettes (Surgical Curettes, CM11)

- URCM11-W

Caliper

- Castroviejo
- LPC90-W

Bone Well

- BWSUS1-W

Minnesota Retractor

- RTCRM-W

Towel Clamp

- Towel Clamp, Backhaus
- L : 135mm (±5)
- CPTC135-W



Periosteal Elevator (MOLT9)

- Lifting mucosal periosteum after gingival tissue incision
- W : 8.2/4.2mm
- EP9-W

Scalpel Handie (Straight Type)

- SHS-W

Scissor (Tissue Scissor)

- Straight
- L : 150mm (±5)
- SCTC115-W

Mallet

- Autoclave can be used
- ML25-W

Tweezer (Wide)

- L : 155mm
- PCW150-W

Bone Rongeurs

- Friedman
- L : 140mm (±5)
- RNGF140-W

Surgical Curettes (Surgical Curettes, CM10)

- URCM10-W

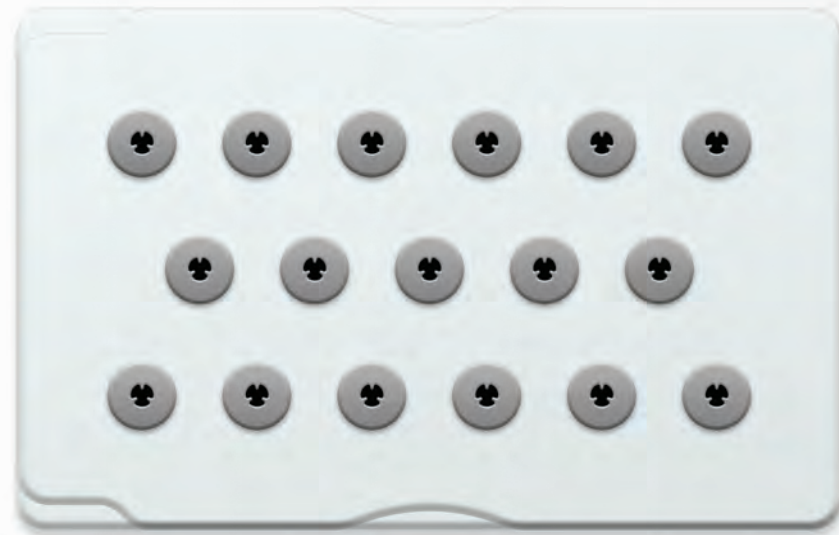
Periosteal elevator (Prichard)

- W : 11/4.9mm
- EPPR3-W



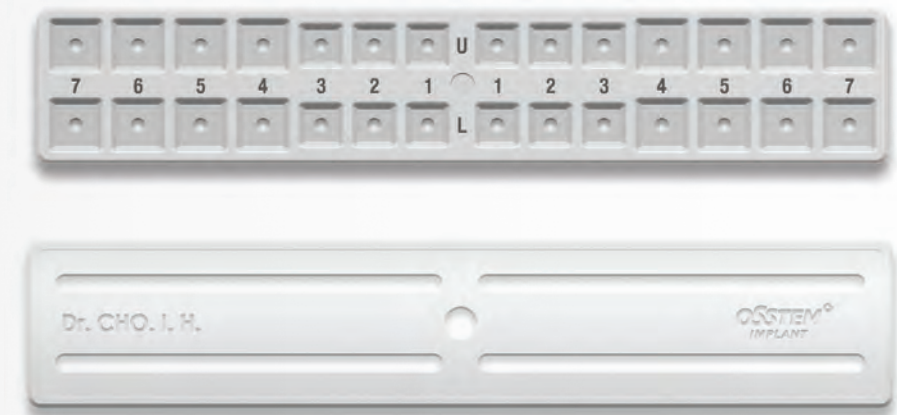
Custom KIT (OCTK) ^{2009.01}

- KIT used to disinfect some of the surgical instruments or to store new spare tools
- Additional 3 types of rubber (large, medium, small), which can be used according to user preference
- Sterilizable material (132°C, 15 minutes)



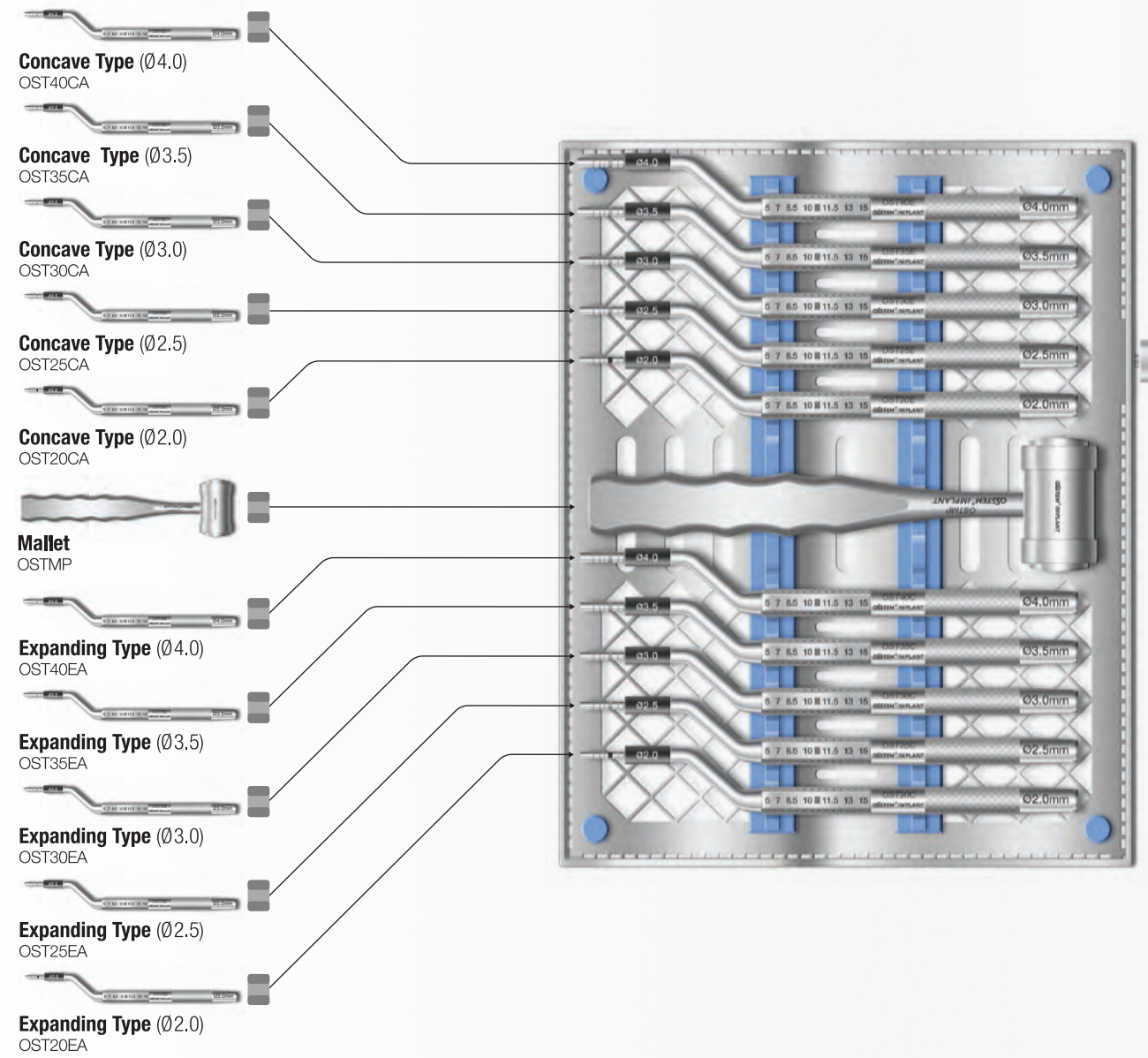
Healing Case (OHAC) ^{2018.02}

- A case for temporary storage and cleaning of Healing Abutment during the prosthesis procedure
 - Upper prosthesis for additional mounting: transfer / temporary / angled / cover screw / pick-up & transfer impression coping / OB anchor / temporary crown (Only the Healing Abutment can be assembled with the top plate)
 - Similar to the tooth arrangement, a total of 28 cells are arranged with 7 cells each in the upper / lower and left / right sections
 - Sterilizable material (132°C, 15 minutes); sterilization required for reusing the case
- ※ This product is not a case for reuse of Healing Abutment



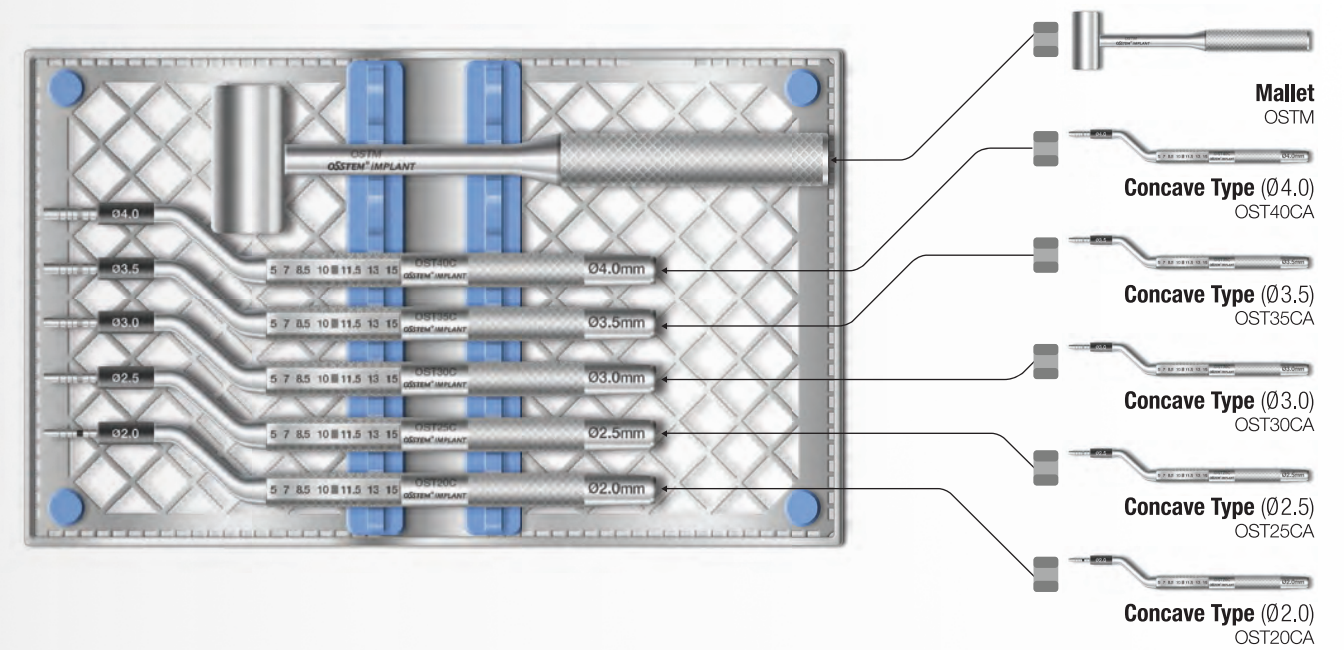
Osteo KIT (OSTK) ^{2009.01}

- Concave osteotome : KIT used for sinus lift procedure(maxillary sinus floor elevation) to vertically increase the amount of alveolar bone available in the maxillary anterior region
- Expanding osteotome : KIT used to increase the primary stability of the implant in low quality bones by densifying the trabeculae of bone while preserving the bone instead of removing it
- Stopper for adjusting the depth of procedure



Osteotome KIT (AOST) ^{2011.09}

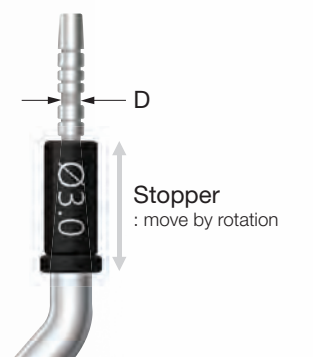
- KIT used for sinus lift procedure(maxillary sinus floor elevation) to vertically increase the amount of alveolar bone available in the maxillary anterior region
- Included in concave type only
- Stopper for adjusting the depth of procedure



Osteotome Stopper ^{2018.05}

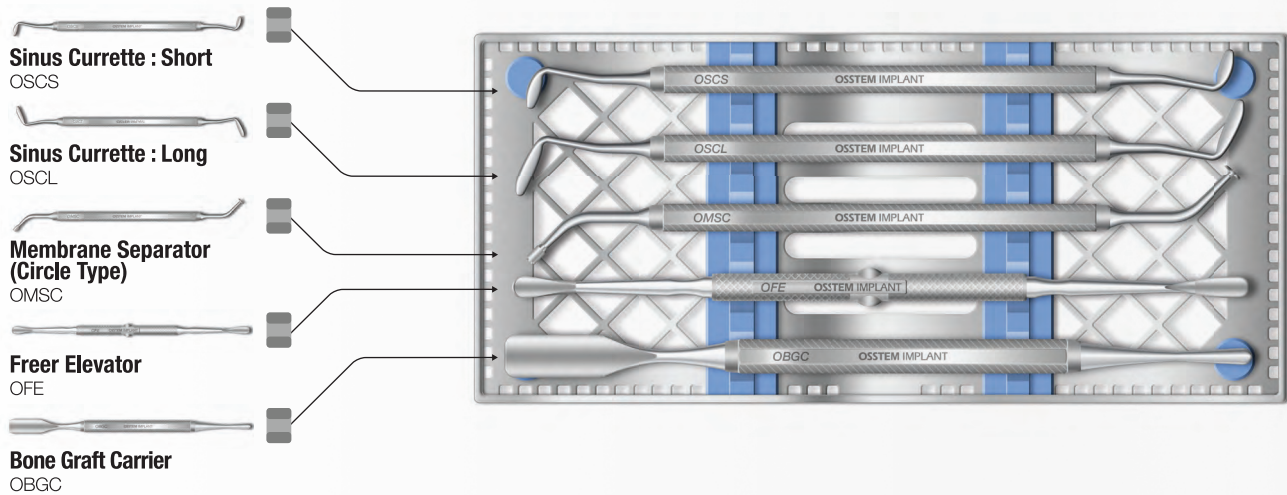
- Stopper (single item) for adjusting the depth of procedure

D	Ø2.0	Ø2.5	Ø3.0	Ø3.5	Ø4.0
	OST20SH	OST25SH	OST30SH	OST35SH	OST40SH



Sinus KIT (ASLK) 2009.01

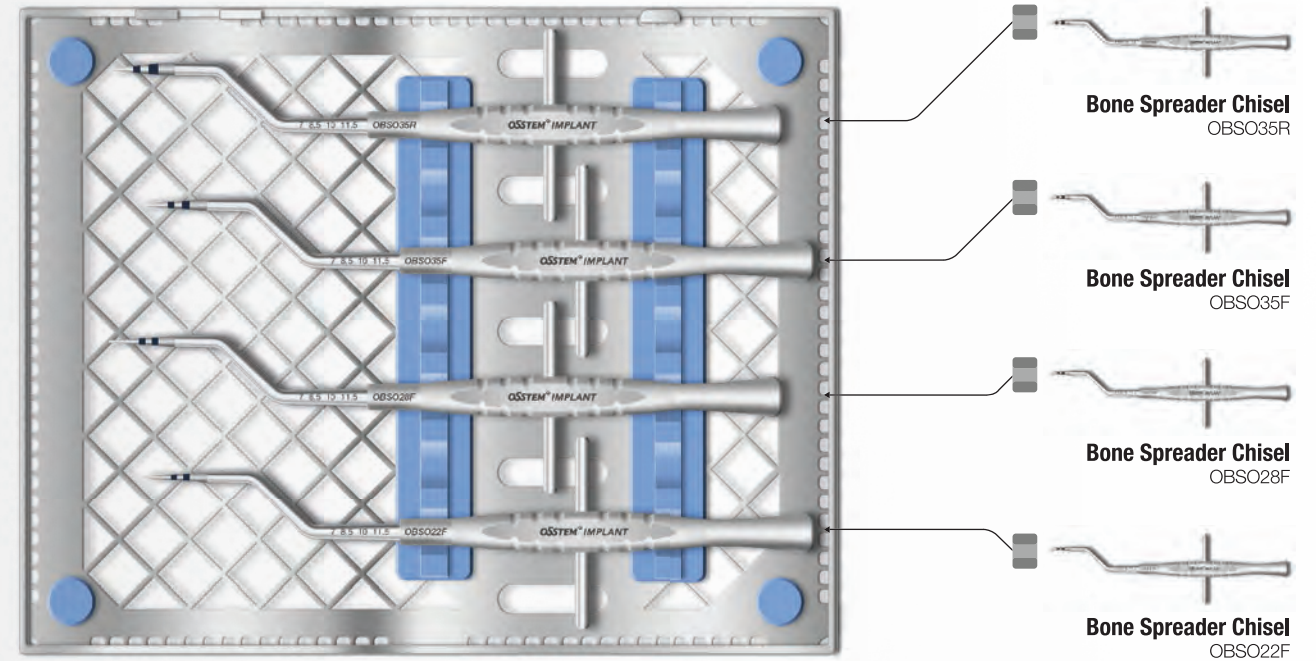
- KIT containing various tools for maxillary sinus floor elevation (sinus lift procedure)
- Lateral approach instrument for sinus procedure
- Components (5 types)
 - Freer elevator : OFE
 - Bone graft carrier : OBGC
 - Membrane separator (circle type) : OMSC
 - Sinus currette-short : OSCS
 - Sinus currette-long : OSCL



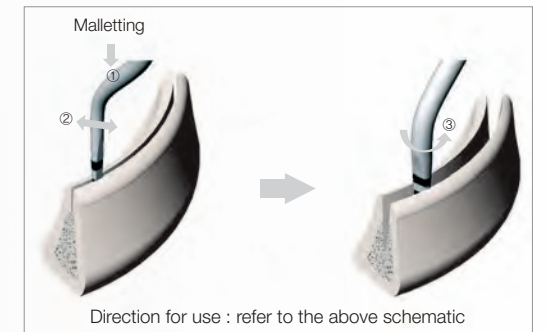
- Sinus Currette : Short**
OSCS
- Sinus Currette : Long**
OSCL
- Membrane Separator (Circle Type)**
OMSC
- Freer Elevator**
OFE
- Bone Graft Carrier**
OBGC

Bone Spreader KIT (OBSOK) 2009.01

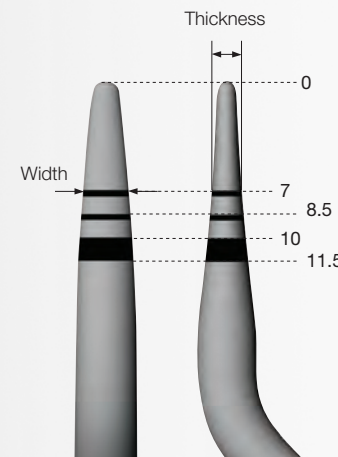
- KIT used for expanding narrowed alveolar ridge
- Offset type for easy operation
- Components (4 types)
 - OBSO22F, OBSO28F, OBSO35F, OBSO35R



- Bone Spreader Chisel**
OBSO35R
- Bone Spreader Chisel**
OBSO35F
- Bone Spreader Chisel**
OBSO28F
- Bone Spreader Chisel**
OBSO22F



- Use for alveolar bone expansion
- Offset type for easy operation
- Depth marking corresponding to the implant length

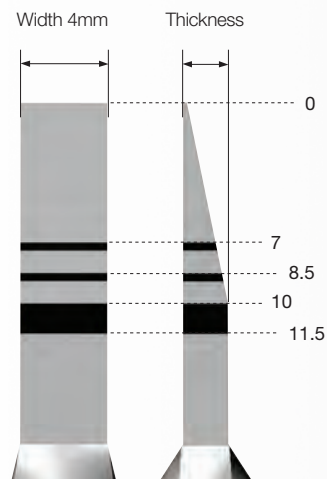
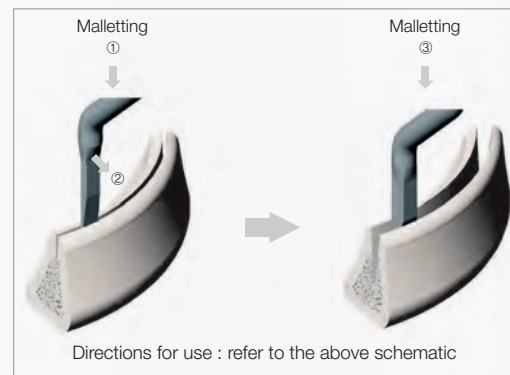
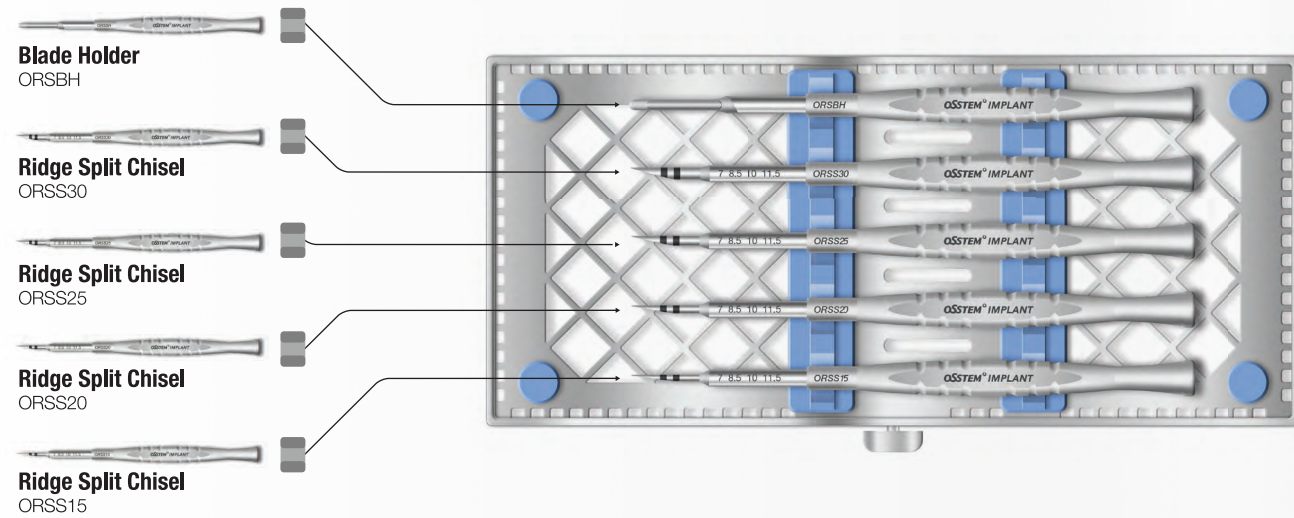


		(Unit : mm)				
Code	Spec.	Tip length	7	8.5	10	11.5
OBSO22F	Thickness		1.15	1.3	1.45	1.6
	Width		2.1	2.2	2.2	2.2
OBSO28F	Thickness		1.15	1.3	1.45	1.6
	Width		2.65	2.8	2.8	2.8
OBSO35F	Thickness		1.3	1.45	1.6	1.8
	Width		3.3	3.5	3.5	3.5
OBSO35R (round type)	Thickness		1.85	2.1	2.3	2.55
	Width		3.3	3.5	3.5	3.5

Ridge Split KIT Straight (ORSSK) 2009.01

Straight

- Chisel : Used for expanding narrowed alveolar ridge
- Blade holder : Malletting (as seen below) enabled by tightening a #15 blade when it is difficult to make a bone incision using bur due to low bone quality
- Components
 - Ridge split chisel : ORSS15, ORSS20, ORSS25, ORSS30
 - Blade holder : ORSBH

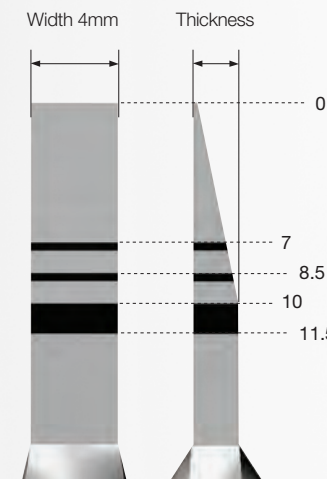
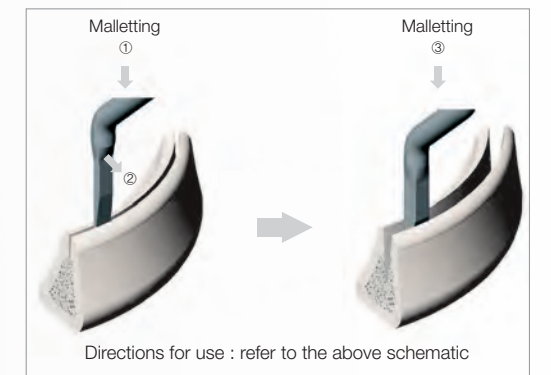
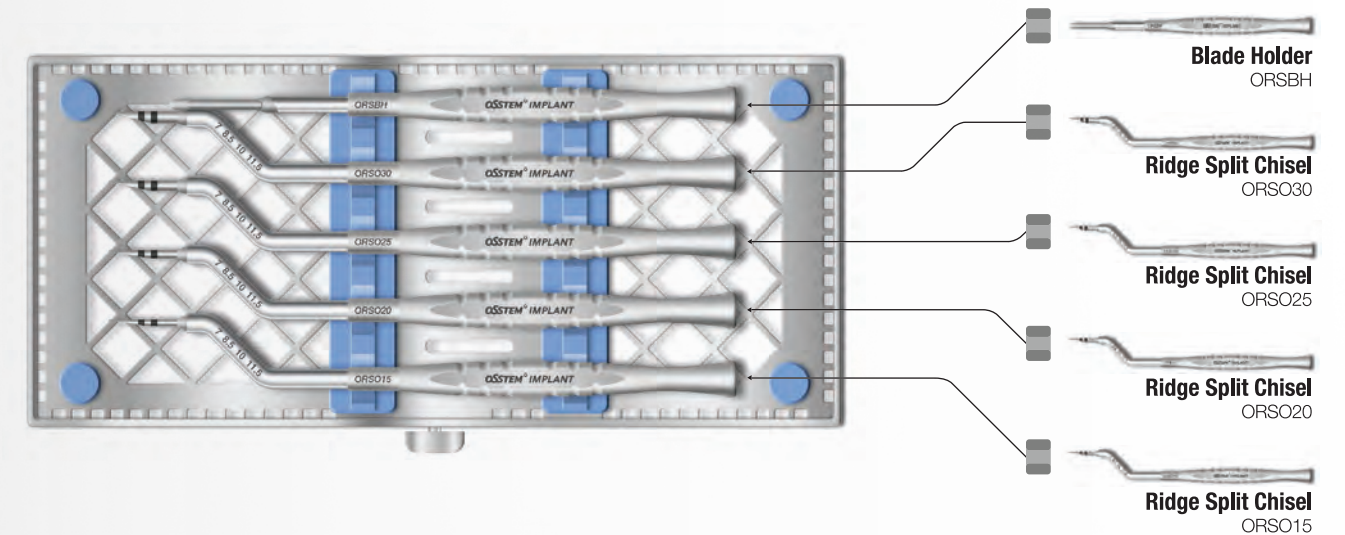


		(Unit : mm)				
Code	Spec.	Tip length	7	8.5	10	11.5
ORSS15	Thickness		1.1	1.27	1.5	1.5
	Width		4	4	4	4
ORSS20	Thickness		1.45	1.7	2.0	2.0
	Width		4	4	4	4
ORSS25	Thickness		1.8	2.15	2.5	2.5
	Width		4	4	4	4
ORSS30	Thickness		2.15	2.5	3.0	3.0
	Width		4	4	4	4

Ridge Split KIT Offset (ORSOK) 2009.01

Offset

- Chisel : Used for expanding narrowed alveolar ridge
- Blade holder : Malletting enabled by tightening a #15 blade when it is difficult to make a bone incision using bur due to low bone quality
- Components
 - Ridge split chisel : ORSO15, ORSO20, ORSO25, ORSO30
 - Blade holder : ORSBH



		(Unit : mm)				
Code	Spec.	Tip length	7	8.5	10	11.5
ORSO15	Thickness		1.1	1.27	1.5	1.5
	Width		4	4	4	4
ORSO20	Thickness		1.45	1.7	2.0	2.0
	Width		4	4	4	4
ORSO25	Thickness		1.8	2.15	2.5	2.5
	Width		4	4	4	4
ORSO30	Thickness		2.15	2.5	3.0	3.0
	Width		4	4	4	4



GBR & DENTAL MATERIAL

OSSTEM[®]
IMPLANT

GBR

- 486** Allograft
- 490** Xenograft
- 492** Synthetic graft
- 494** Resorbable membrane
- 498** Non-resorbable membrane
- 500** Builder Type
- 506** OssBuilder KIT
- 508** AutoBone Collector
- 509** Membrane Fixation Screw
- 512** GBR KIT

IMPRESSION MATERIALS

- 516** Impression Materials **HySil Plus**
- 519** Impression Materials **Accessory**

Allograft

SureOss (FDBA)

- FDBA (Freeze-dried Bone Allograft)
- 100% allograft cortical bone
- Excellent biocompatibility
- Particle size
 - Powder : 200~850 μ m
 - Chip : 850~1,500 μ m
- Manufacturer: Hans Biomed Corp., South Korea

CC	Powder		
0.25	POWDER025		
0.5	POWDER05		
1.0	POWDER10		
CC	Chip		
0.25	CHIP025		
0.5	CHIP05		
1.0	CHIP10		

SureOss-D (DFDBA)

- DFDBA (Deminerlized Freeze-dried Bone Allograft)
- 100% demineralized allograft bone
- Excellent biocompatibility
- Particle size
 - Powder : 200~850 μ m
 - Chip : 850~1,500 μ m
- Manufacturer: Hans Biomed Corp., South Korea

CC	Powder		
0.25	POWDER025D		
0.5	POWDER05D		
1.0	POWDER10D		
CC	Chip		
0.25	CHIP025D		
0.5	CHIP05D		
1.0	CHIP10D		

CANOSS (FDBA)

- FDBA (Freeze-dried Bone Allograft)
- 100% allograft cancellous bone
- Excellent biocompatibility
- Particle size
 - Powder : 200~850 μ m
 - Chip : 850~1,500 μ m
- Manufacturer: Hans Biomed Corp., South Korea

CC	Powder		
0.25	CAP 25		
0.5	CAP 50		
1.0	CAP 100		
CC	Chip		
0.25	CAC 25		
0.5	CAC 50		
1.0	CAC 100		

OsteOss (FDBA)

- FDBA (Freeze-dried Bone Allograft)
- 100% allograft bone (cortical + cancellous bone)
- Particle size
 - Powder : 200~850 μ m
 - Chip : 850~1,500 μ m
- Manufacturer: Hans Biomed Corp., South Korea

CC	Powder		
0.25	CCP 25		
0.5	CCP 50		
1.0	CCP 100		
CC	Chip		
0.25	CCC 25		
0.5	CCC 50		
1.0	CCC 100		

Ingross (FDBA+DFDBA)

- FDBA + DFDBA
- Cortical + demineralized allograft bone
- Excellent biocompatibility
- Particle size
 - Powder : 200~850 μ m
 - Chip : 850~1,500 μ m
- Manufacturer: Hans Biomed Corp., South Korea

CC	Powder		
0.25	CDP 25		
0.5	CDP 50		
1.0	CDP 100		
CC	Chip		
0.25	CDC 25		
0.5	CDC 50		
1.0	CDC 100		

Allograft DBM

SureFuse II

- DBM (allograft)
- Promotion of osteo-induction and osteo-conduction
- Malleable into different shapes and sizes
- Excellent biocompatibility
- Manufacturer: Hans Biomed Corp., South Korea

CC	Gel	
0.3	S2GEL03	
0.5	S2GEL05	
1.0	S2GEL10	
CC	Putty	
0.3	S2PUTTY03	
0.5	S2PUTTY05	
1.0	S2PUTTY10	

ExFuse II

- DBM (allograft)
- Demineralized allograft + cancellous bone
- Promotion of osteo-induction and osteo-conduction
- Malleable into different shapes and sizes
- Excellent biocompatibility
- Manufacturer: Hans Biomed Corp., South Korea

CC	Gel	
0.3	EX2GEL03	
0.5	EX2GEL05	
1.0	EX2GEL10	
CC	Putty	
0.3	EX2PUTTY03	
0.5	EX2PUTTY05	
1.0	EX2PUTTY10	

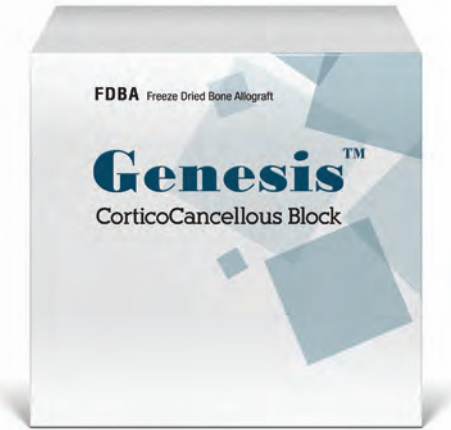
Allograft Block Bone

Genesis (FDDB)

- FDDB (동결건조골)
- 100% allograft block bone
- Excellent biocompatibility
- Manufacturer: Hans Biomed Corp., South Korea

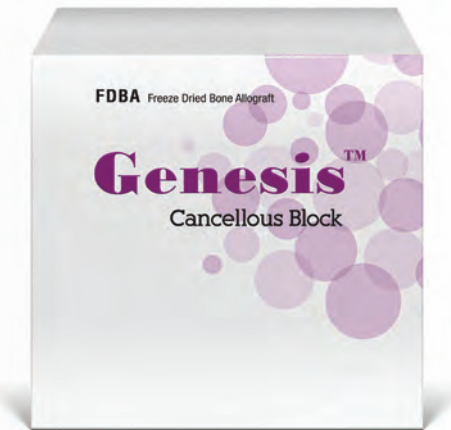
mm \ Cortical + Cancellous Block

6 × 6 × 10	CCB 06
6 × 12 × 12	CCB 12
6 × 12 × 20	CCB 20
7 × 7 × 10	CCB 17



mm \ Cancellous Block

10 × 10 × 5	CAB 05
10 × 10 × 10	CAB 10



Xenograft

A-Oss

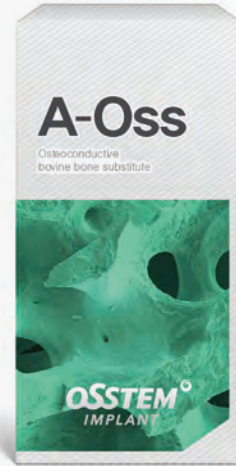
- DBB (Deproteinized Bovine Bone)
- Promotion of osteo-conduction
- Excellent volume maintenance
- Excellent biocompatibility
- Raw material: Australia
- Manufacturer: Osstem Implant Co., Ltd., South Korea
- P = Particle Size

g \ P 0.25~1.0mm

0.1 (0.2cc)	BAS01
0.25 (0.5cc)	BAS02
0.5 (1.0cc)	BAS05
1.0 (2.0cc)	BAS10
2.0 (4.0cc)	BAS20

g \ P 1.0~2.0mm

0.1 (0.3cc)	BAL01
0.25 (0.75cc)	BAL02
0.5 (1.5cc)	BAL05
1.0 (3.0cc)	BAL10
2.0 (6.0cc)	BAL20



NEW 2021

A-Oss PEN (Syringe Type)

- Syringe-type A-Oss
- Excellent osteo-conduction and volume maintenance of A-Oss
- Syringe packaging allows a high level of user convenience
- One-hand manipulation possible
- Manufacturer: Osstem Implant Co., Ltd., South Korea

CC \ Ø5.4 0.25~1.0mm

0.25	BAS02SG54
0.5	BAS05SG54
1.0	BAS10SG54

CC \ 1.0~2.0mm

0.25	BAL02SG54
0.5	BAL05SG54
1.0	BAL10SG54

CC \ Ø3.5 0.25~1.0mm

0.25	BAS02SG35
-------------	-----------

CC \ 1.0~2.0mm

0.25	BAL02SG35
-------------	-----------



NEW 2021

A-Oss (Collagen Type)

- A-Oss 90% +Collagen 10%
- Excellent osteo-conduction and volume maintenance of A-Oss
- Easy manipulation and position maintenance of collagen
- Manufacturer: Osstem Implant Co., Ltd., South Korea

mm \ Putty

Ø6.2 × 8 (150mg)	BAC150B
Ø7.2 × 10 (250mg)	BAC250B
Ø10 × 10 (500mg)	BAC500B



Ossbone Collagen

- Porcine cancellous bone substitute
- Contains collagen for ease of manipulation
- Excellent osteo-conduction
- High porosity at 80% promotes early vascularization
- Manufacturer: Hyundai Bioland Co., Ltd., South Korea

g \ Plug Type

0.1 (Ø6×10mm)	BGB-4
0.25 (Ø10×10mm)	BGB-1

g \ Particle Type

0.15	BGB-13
0.25	BGB-12
0.5	BGB-11



Synthetic graft

Q-Oss+

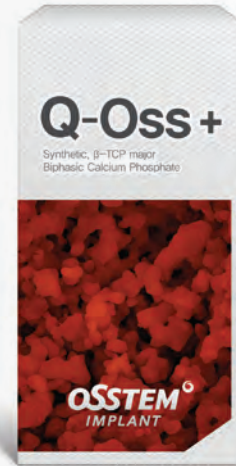
- Synthetic graft with a composition of HA 20% + β -TCP 80%
- Porous structure with fine pores connected with one another
- Gradual absorption
- Excellent osteo-conduction
- Manufacturer: Osstem Implant Co., Ltd., South Korea
- P = Particle Size

g \ P 0.5~1.0mm

0.1 (0.2cc)	BQ+S01
0.25 (0.4cc)	BQ+S02
0.5 (0.8cc)	BQ+S05
1.0 (1.5cc)	BQ+S10
2.0 (3.0cc)	BQ+S20

g \ P 1.0~2.0mm

0.1 (0.2cc)	BQ+L01
0.25 (0.5cc)	BQ+L02
0.5 (1.0cc)	BQ+L05
1.0 (2.0cc)	BQ+L10
2.0 (4.0cc)	BQ+L20



NEW 2022

Q-Oss+ PEN (Syringe Type)

- Syringe type Q-Oss+
- Excellent osteo-conduction of Q-Oss+
- Syringe packaging allows a high level of user convenience
- One-hand manipulation possible
- Manufacturer: Osstem Implant Co., Ltd., South Korea

CC \ Ø5.4 0.5~1.0mm

0.25	BQ+S02SG54
0.5	BQ+S05SG54

CC \ 1.0~2.0mm

0.25	BQ+L02SG54
0.5	BQ+L05SG54

CC \ Ø3.5 0.5~1.0mm

0.25	BQ+S02SG35
0.5	BQ+S05SG35

CC \ 1.0~2.0mm

0.25	BQ+L02SG35
0.5	BQ+L05SG35



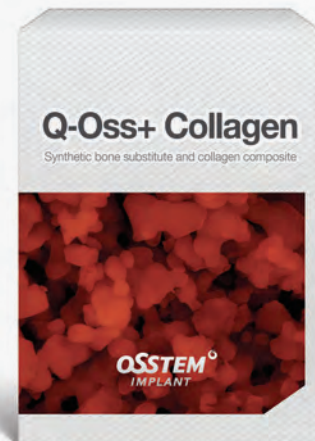
NEW 2022

Q-Oss+ (Collagen Type)

- Q-Oss+ 90% + Collagen 10%
- Excellent osteo-conduction of Q-Oss+
- Easy manipulation and position maintenance of collagen
- Manufacturer: Osstem Implant Co., Ltd., South Korea

mm \ Putty

Ø6.2 × 8 (200mg)	BQC200B
Ø7.2 × 10 (340mg)	BQC340B
Ø10 × 10 (650mg)	BQC650B



Bongros

- Synthetic bone
- Contains carbon-apatite
- Osteo-conduction
- Manufacturer : CGBio, South Korea

g

0.25	HAGM 0.25g
0.5	HAGM 0.5g
1.0	HAGL 1.0g

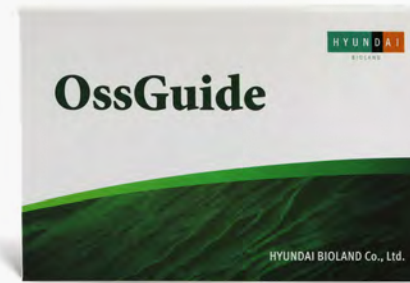


Resorbable membrane Collagen

OssGuide

- Porcine collagen
- Excellent tensile strength (cross-linked collagen)
- Enhanced user convenience, excellent adhesion and stability
- Manufacturer: Hyundai Bioland Co., Ltd., South Korea
- T = Thickness

mm \ T	0.2mm
15 × 20	TG-1
20 × 30	TG-2
30 × 40	TG-3



AteloCare Sheet Type

- Collagen wound dressing
- Porcine collagen
- Excellent hemostatic effect
- Prevention of membrane perforation during sinus lift
- Packing unit : 5ea
- Manufacturer: Hyundai Bioland Co., Ltd., South Korea

mm \ T	0.2mm
25 × 75	CPD-12



Cytoplast RTM Collagen

- Bovine collagen
- Use of qualified New Zealand bovine collagen
- RTM : resorbable tissue matrix
- Long-term maintenance (26~38W)
- Enhanced user convenience, backed up by a number of clinical data
- Packing unit : 2ea
- Manufacturer : Osteogenics, USA
- T = Thickness

mm \ T	0.3mm
15 × 20	RTM1520
20 × 30	RTM2030



CollaDerm Plug Type

- Collagen plug type
- Porcine collagen
- Used for extraction socket of wisdom tooth
- Prevention of soft tissue depression as well as preventing dry sockets and other infections
- Packing unit : 5ea
- Manufacturer: Hyundai Bioland Co., Ltd., South Korea

mm \ T	0.3mm
Not covered by national health insurance	
8 × 25 (S)	CP-1
15 × 25 (M)	CP-3
Covered by national health insurance	
8 × 25 (S)	CD-PLUG1
15 × 25 (M)	CD-PLUG3



Resorbable membrane Collagen

NEW 2021.08

OssMem_Soft

- Bovine collagen
- Use of qualified New Zealand bovine collagen
- Membrane with excellent blood wettability
- No change in performance even after hydration
- Membrane for reversible use
- Safe from crosslinking agent
- Manufacturer: Osstem Implant Co., Ltd., South Korea
- T = Thickness

mm \ T	0.35mm
10 × 20	OCMS1020
15 × 20	OCMS1520
20 × 30	OCMS2030
30 × 40	OCMS3040



NEW 2021.08

OssMem_Hard

- Bovine collagen
- Use of qualified New Zealand bovine collagen
- Hard-type membrane acting as a tenting pole
- No change in performance even after hydration
- Membrane for reversible use
- Collagen membrane safe from crosslinking agent
- Ease of handling
- Manufacturer: Osstem Implant Co., Ltd., South Korea
- T = Thickness

mm \ T	0.35mm
10 × 20	OCMH1020
15 × 20	OCMH1520
20 × 30	OCMH2030
30 × 40	OCMH3040

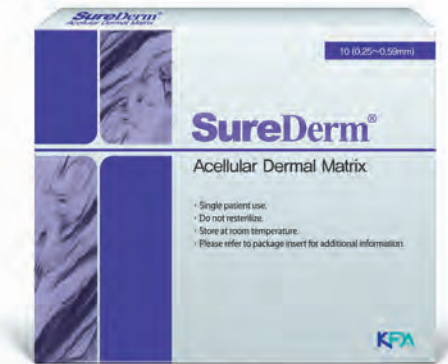


Resorbable membrane Homologous dermal matrix

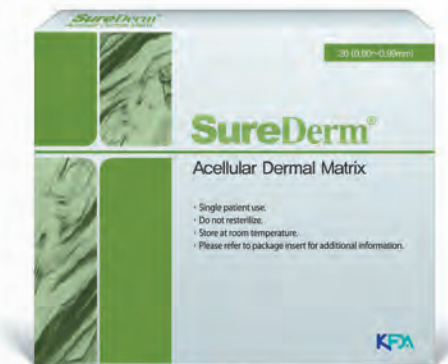
SureDerm

- Human dermis (Homologous acellular dermal matrix)
- Membrane and gingiva reconstruction
- Freeze-dried, rehydration required
- Excellent biocompatibility
- Record and store tissue graft sheet
- Manufacturer: Hans Biomed Corp., South Korea
- T = Thickness

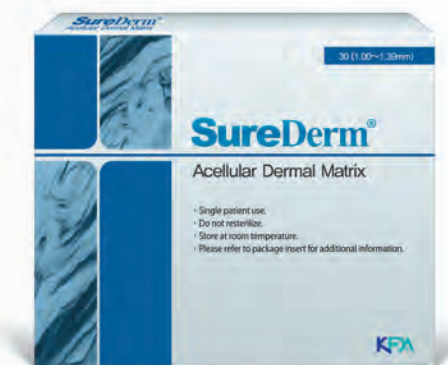
mm \ T	0.25~0.59mm
10 × 20	SUREDERM1012
10 × 40	SUREDERM1014
20 × 20	SUREDERM1022
20 × 40	SUREDERM1024



mm \ T	0.60~0.99mm
10 × 20	SUREDERM2012
10 × 40	SUREDERM2014
20 × 20	SUREDERM2022
20 × 40	SUREDERM2024



mm \ T	1.00~1.39mm
10 × 20	SUREDERM3012
10 × 40	SUREDERM3014
20 × 20	SUREDERM3022
20 × 40	SUREDERM3024



Non-resorbable membrane

Cytoplast TXT-200

- Non resorbable membrane
- 100% medical grade PTFE
- Minimized risk of bacterial infection
 - Membrane pore size : 0.3 μ m
 - Size of bacteria: 2~5 μ m
- Excellent biocompatibility
- Manufacturer : Osteogenics, USA

mm \ TXT-200 Singles

12 × 20 TXT1220-1



mm \ TXT-200

25 × 30 TXT2530-1

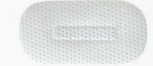


Cytoplast TI-250

- Non resorbable membrane + titanium reinforced
- Titanium-reinforced membrane for increased space retention
- Minimized risk of bacterial infection (Use of the identical PTEE (100% medical grade))
 - Membrane pore size : 0.3 μ m
 - Size of bacteria: 2~5 μ m
- Excellent biocompatibility
- Manufacturer : Osteogenics, USA

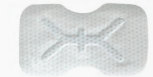
mm \ Ti-250 Anterior Narrow

12 × 24 TI250AN-1



mm \ Ti-250 Anterior Single

14 × 24 TI250AS-1



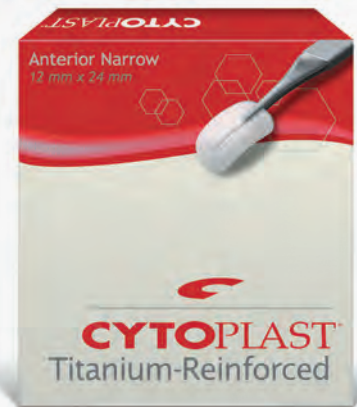
mm \ Ti-250 Posterior Single

20 × 25 TI250PS-1



mm \ TXT-200 Posterior Large

25 × 30 TI250PL-1



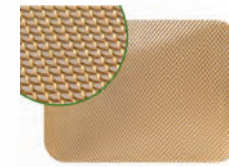
Osteo-Mesh

- Titanium-mesh membrane
- Titanium membrane
- Excellent biocompatibility
- Manufacturer : Osteogenics, USA

mm \

25 × 34

TM300



Builder Type

OssBuilder®

- 3D pre-formed design with no trimming/bending required
 - 3D pre-formed titanium mesh to fit the geometry of bone defect
 - Available in various sizes
- Mesh type membrane with no risk of exposure
 - Non-wrinkling membrane with 3D pre-formed design
 - The builder is anchored to the implant by screws to secure bone graft material and builder firmly in place
- Excellent bone regeneration
 - Pores formed throughout the builder to facilitate blood flow
- Options available for non-submerged or submerged types as needed
 - Non-submerged surgery with healing cap
 - Submerged surgery with a cover cap
- Concurrent procedure of implant placement + GBR : healing cap or cover cap + OssBuilder + OB anchor + implant
- Narrow or insufficient residual bone: healing cap or cover cap + OssBuilder + tenting screw

✔ SMART 3D Design

✔ SMART Handling

✔ SMART Covering

✔ SMART Conduction

✔ SMART Healing

※ Disposable. Do not reuse

OB2

Lateral Builder

Titanium membrane for reconstruction of minor vertical/horizontal bone loss in the socket extraction, fenestration, and dehiscence defects



OB3

Jaw Builder

Titanium membrane capable of ridge augmentation (vertical/horizontal) up to 5-10mm for severely atrophic alveolar ridge

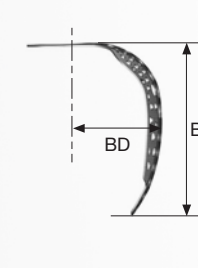
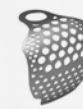


OB2 Lateral Builder **RENEWAL 2021.12**

P = Proximal
 BW = Buccal Width
 BL = Buccal Length
 BD = Buccal Distance

Augmentation

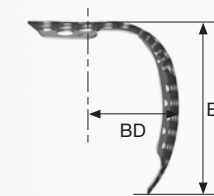
1 Wall



P	BW	BL	BD	
4	8	7	5.5	SM1W487SB
4	10	7	5.5	SM1W4107SB
4	10	9	5.5	SM1W4109SB

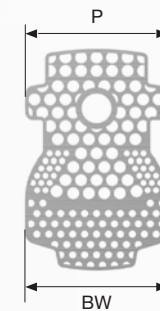
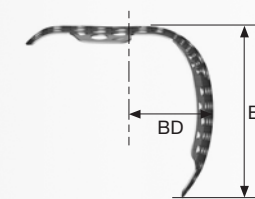
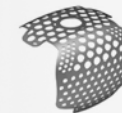
2 Wall

Buccal-Proximal



7	9	7	5.5	SM2W797SB
7	9	9	5.5	SM2W799SB
10	12	7	5.5	SM2W10127SB
10	12	9	5.5	SM2W10129SB
12	12	7	5.5	SM2W12127SB
12	12	9	5.5	SM2W12129SB

3 Wall



7	9	7	5.5	SM3W797SB
7	9	9	5.5	SM3W799SB
10	12	7	5.5	SM3W10127SB
10	12	9	5.5	SM3W10129SB
12	12	7	5.5	SM3W12127SB
12	12	9	5.5	SM3W12129SB

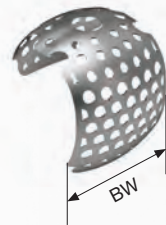
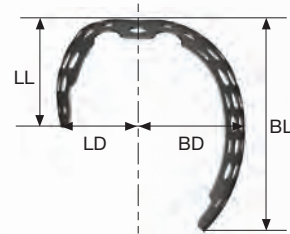
Builder Type

OB3 Jaw Builder

BW = Buccal Width
 BL = Buccal Length
 LL = Lingual Length
 BD = Buccal Distance
 LD = Lingual Distance

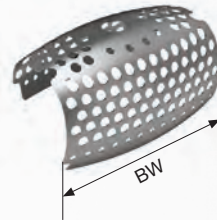
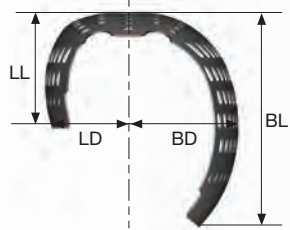
Augmentation

Horizontal



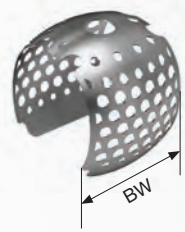
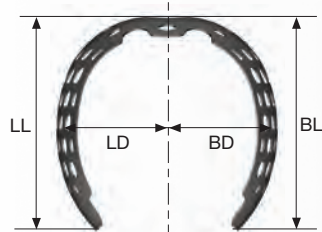
	BW	BL	LL	BD	LD	
	10	7	3.5	5.5	3.7	SB3H107F
	10	9	4.5	5.5	3.7	SB3H109F
	10	11	6	5.5	3.7	SB3H1011F

Horizontal



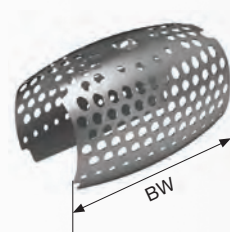
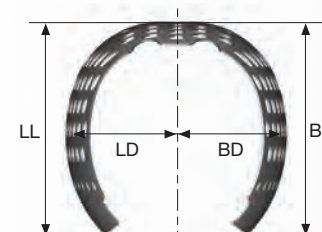
	20	7	3.5	5.5	3.7	SB3H207F
	20	9	4.5	5.5	3.7	SB3H209F
	20	11	6	5.5	3.7	SB3H2011F

Vertical



	10	7	7	5.5	5.5	SB3V107F
	10	9	9	5.5	5.5	SB3V109F
	10	11	11	5.5	5.5	SB3V1011F

Vertical

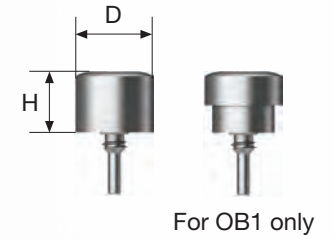


	20	7	7	5.5	5.5	SB3V207F
	20	9	9	5.5	5.5	SB3V209F
	20	11	11	5.5	5.5	SB3V2011F

Builder Type Components

Healing Cap (KS, TS) ^{2015.04}

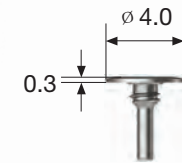
- Non-submerged procedure
 - Compatible with OB2 and OB3
 - Tightened with a 0.9 hex hand drive
 - Recommended tightening torque : 5~8Ncm
- ※ Disposable. Do not reuse



D \ H	3.0	4.0
Ø4.0	SBHC4030	SBHC4040
Ø5.0	SBHC5030	SBHC5040

Cover Cap (KS, TS) ^{2015.04}

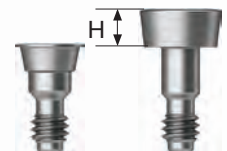
- Submerged procedure
 - Compatible with OB2 and OB3
 - Tightened with a 0.9 hex hand drive
 - Recommended tightening torque : 5~8Ncm
- ※ Disposable. Do not reuse



D \ H	0.3
Ø4.0	SBCC4000

OB Anchor (TS) ^{2015.04}

- Exclusively for TS implant (shoulder contact)
 - Compatible with OB2 and OB3
 - Tightened with a 0.9 hex hand drive
 - Recommended tightening torque : 12~15Ncm
 - C=Connection
- ※ Disposable. Do not reuse



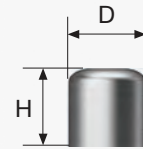
C \ H	0	0.5	1.0	1.5	2.0	2.5	3.0
Mini	SBAC3500TSM	SBAC3505TSM	SBAC3510TSM	SBAC3515TSM	SBAC3520TSM	SBAC3525TSM	SBAC3530TSM
Regular	SBAC4000TSR	SBAC4005TSR	SBAC4010TSR	SBAC4015TSR	SBAC4020TSR	SBAC4025TSR	SBAC4030TSR

Builder Type Components

Healing Cap (US) ^{2011.11}

- Non-submerged procedure
- Compatible with OB2 and OB3
- Tightened with a 1.2 hex hand drive
- Recommended tightening torque : 5~8Ncm

※ Disposable. Do not reuse

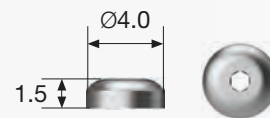


D \ H	3.0	4.0
Ø4.0	SMHA443R	SMHA444R
Ø5.0	SMHA553R	SMHA554R

Cover Cap (US) ^{2011.11}

- Submerged procedure
- Compatible with OB2 and OB3
- Tightened with a 0.9 hex hand drive or a cover cap driver
- Recommended tightening torque : 5~8Ncm

※ Disposable. Do not reuse

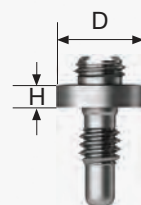


D \ H	1.5
Ø4.0	SMCC415

OB Anchor (US) ^{2012.04}

- Exclusively for US implant
- Compatible with OB2 and OB3
- Tightened with a 1.2 hex hand drive
- Recommended tightening torque : 12~15Ncm

※ Disposable. Do not reuse



D \ H	1.0	1.5	2.0	2.5	3.0
Ø3.5	SMHI310USM	SMHI315USM	SMHI320USM	SMHI325USM	SMHI330USM
Ø4.0	SMHI410USR	SMHI415USR	SMHI420USR	SMHI425USR	SMHI430USR
Ø5.1	SMHI510USW	SMHI515USW	SMHI520USW	SMHI525USW	SMHI530USW
Ø5.0	SMHI510USP	SMHI515USP	SMHI520USP	SMHI525USP	SMHI530USP

OB Anchor (KS) ^{NEW 2020.08}

- Exclusively for KS implant (shoulder contact)
- Compatible with OB2 and OB3
- Tightened with a 0.9 hex hand drive
- Recommended tightening torque : 12~15Ncm

• C=Connection

※ Disposable. Do not reuse



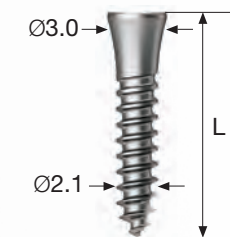
C \ H	0	0.5	1.0	1.5	2.0	2.5	3.0
3.0-3.5	OBAC3500KSM	OBAC3505KSM	OBAC3510KSM	OBAC3515KSM	OBAC3520KSM	OBAC3525KSM	OBAC3530KSM
4.0-	OBAC4000KSR	OBAC4005KSR	OBAC4010KSR	OBAC4015KSR	OBAC4020KSR	OBAC4025KSR	OBAC4030KSR

Tenting Screw

Internal Type ^{2016.01}

- Shorter than external type for ease of suturing
- Utilized in place of implant for inadequate bone mass or narrow ridge
- Compatible with OB2 and OB3
- Recommended placement depth: hard/normal bone 3~5mm, soft bone 5mm or more
- Slow placement using a 0.9 hex torque driver
- Compatible with cover cap(TS) and healing cap(TS)

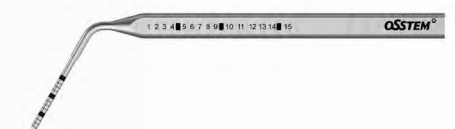
※ Disposable. Do not reuse



L	8.5	10	11.5	13
	SBS2008I	SBS2010I	SBS2011I	SBS2013I

Defect Gauge ^{2011.11}

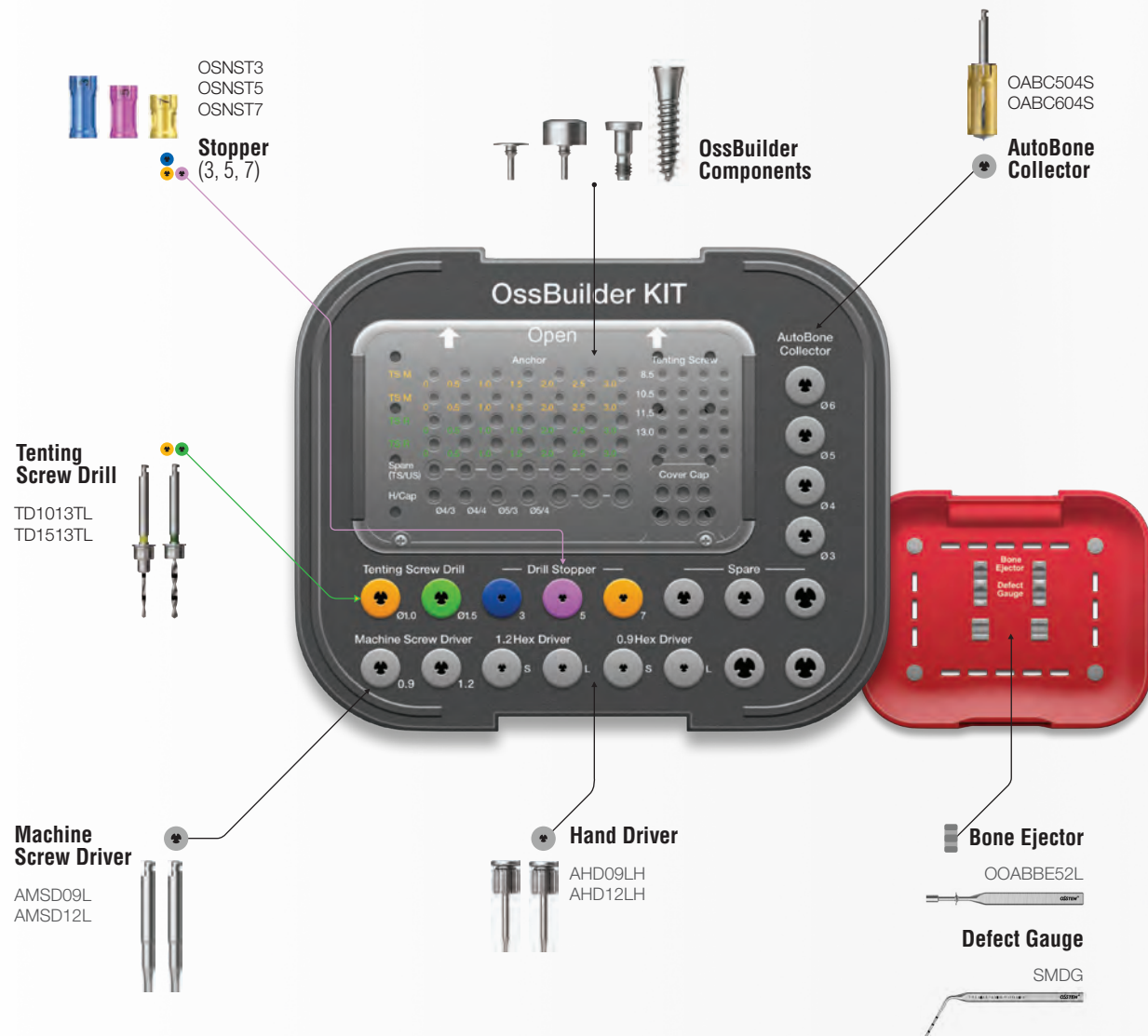
- For measurement of vertical/horizontal defects
- 1mm scale marking line (4-5, 9-10, 14-15 bold line)
- ※ With the measurement of the exact amount of bone defects, no trimming/bending is required and stable adaptation is achieved when selecting the appropriate type of OssBuilder



SMDG

OssBuilder KIT (OGBRK) ^{2015.10}

- KIT composed of all necessary tools for GBR procedure
- Convenient GBR procedure by using OssBuilder OB2 and OB3, along with OB anchor, cover cap and healing cap.
- Use of the tenting screw allows users to deal with extensive vertical/horizontal bone loss even in narrow ridges
- Use of AutoBone collector allows immediate autogenous bone harvesting

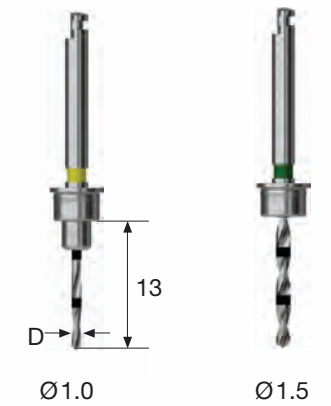


OssBuilder KIT Surgical Instruments

Tenting Screw Drill ^{2013.09}

- Use in drilling before inserting the tenting screw
- Hard bone : Ø 1.5 / normal, soft bone : Ø 1.0 drill
- Laser marking : 1, 2, 3, 4, 5, 6, 7, and 8mm marking lines
- Recommended drilling speed : 1,200 ~1,500rpm
- Size of stopper for connection: 3~7mm

L \ D	Ø1.0	Ø1.5
13	TD1013TL	TD1513TL



Stopper ^{2010.10}

- Use by connecting with tenting screw drill

L	3	5	7
	OSNST3	OSNST5	OSNST7

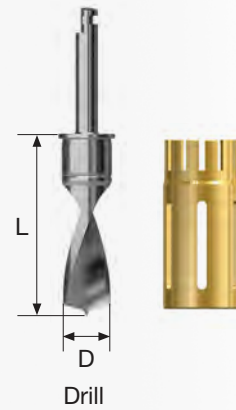


AutoBone Collector

AutoBone Collector® 2012.06

- Comes in Ø 3.0 to 6.0 in diameter and a Drill + Stopper set
- Recommended drilling speed : 300 ~ 600rpm
- Use of drill and stopper : 50 times
- ※ Before initial drilling, connect the stopper to the first stage locking and harvest autogenous bone while drilling 4 mm into the second stage locking (after harvesting, stop the drill and remove it as is with autogenous bone kept in the stopper)

L \ D	Ø3.0	Ø4.0	Ø5.0	Ø6.0
Short (18.94)	OABC304S	OABC404S	OABC504S	OABC604S
Long (21.94)	OABC304L	OABC404L	OABC504L	OABC604L



Stopper 2013.03

- Stops at a drilling depth of 4mm for harvesting of cortical bone
- Stores the autogenous bone harvested from drilling

L \ D	Ø3.0	Ø4.0	Ø5.0	Ø6.0
Short	OABC2ST304S	OABC2ST404S	OABC2ST504S	OABC2ST604S
Long	OABC2ST304L	OABC2ST404L	OABC2ST504L	OABC2ST604L



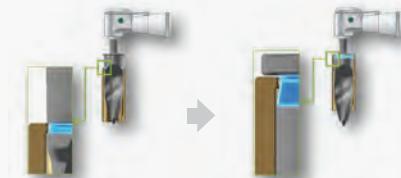
Bone Ejector

- Surgical tool for ejecting the harvested autogenous bone from the stopper

D	Ø3.0 / Ø4.0 / Ø5.0 / Ø6.0
	OOABBE52L



2 stage locking structure
stopper locking guide



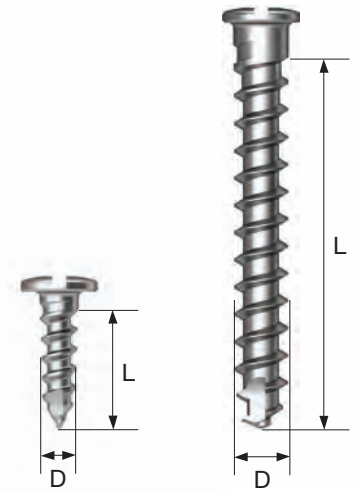
Before drilling, connect the stopper to the 1st stage locking
When drilling is completed, stop the stopper in the 2nd stage locking

※ Please watch a video for details

Membrane Fixation Screw

Bone Screw

- Machine surface
 - Material : Ti-6Al-4V
 - Ø1.2
 - Non-resorbable membrane, fixation screw for OssBuilder
 - Sharp point screw capable of self-drilling
 - Improved fixation to prevent fracture and bending
 - Ø1.4
 - Non-resorbable membrane, fixation screw for bone plate
 - Sharp point screw capable of self-drilling
 - Improved fixation to prevent fracture and bending
 - Ø2.0
 - Fixation screw for block bone
 - Pre-drill required before placement (no self-drilling function)
- ※ Disposable. Do not reuse



D Ø1.2

D \ L	3	4	5
	BSCH1203	BSCH1204	BSCH1205

D Ø1.4

D \ L	4	6	8
	BSCH1404	BSCH1406	BSCH1408

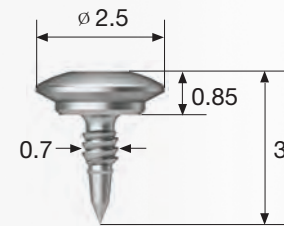
D Ø2.0

D \ L	8	10	12	14	16
	BSCH2008	BSCH2010	BSCH2012	BSCH2014	BSCH2016

Membrane Fixation Screw

Bone Tack ^{2018.10}

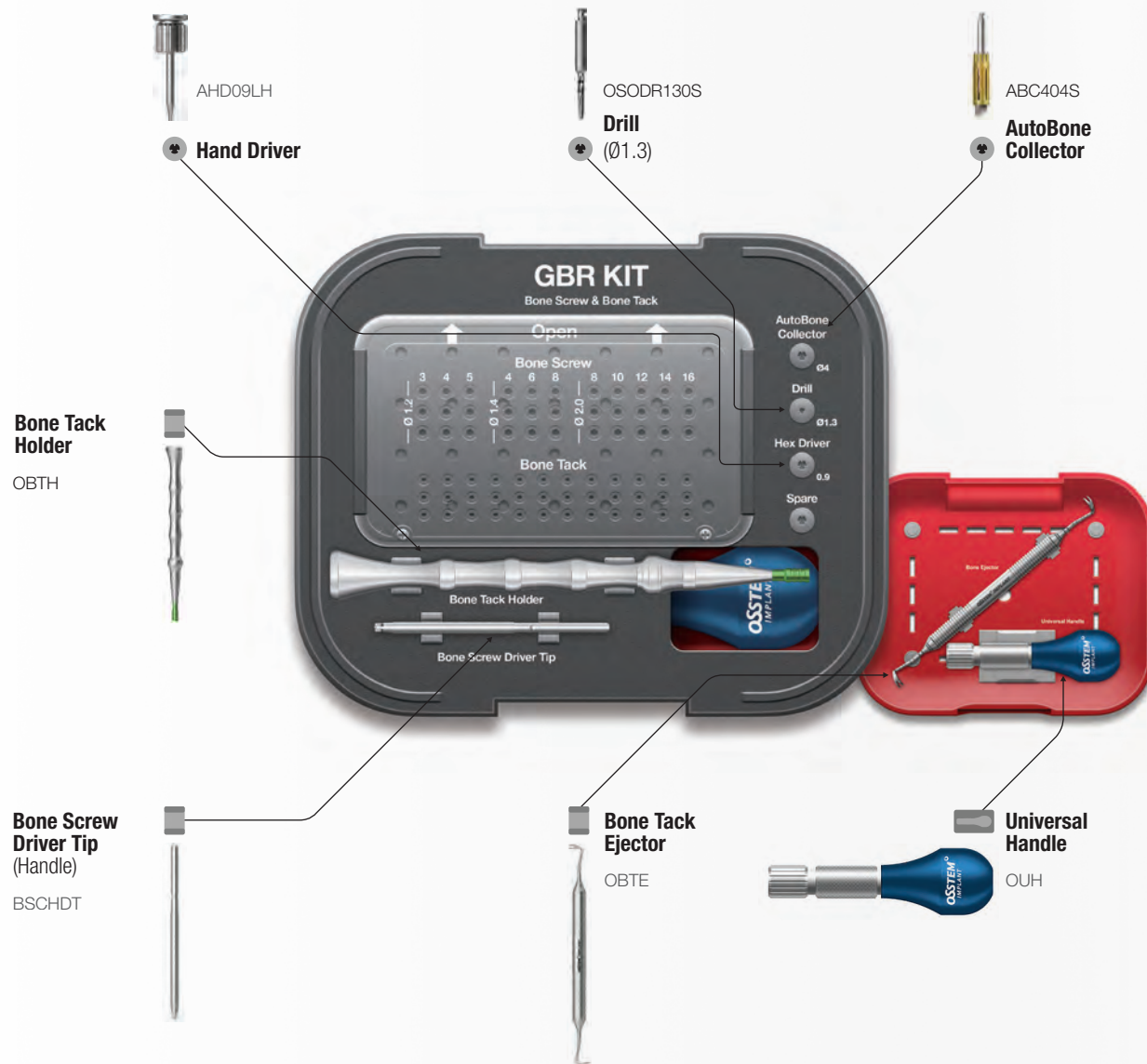
- For membrane fixation
- Machine surface
- Material: Ti-6Al-4V
- ※ Disposable. Do not reuse



D \ L	3.0
$\varnothing 2.5$	OBT3

GBR KIT (ONGBRK) RENEWAL 2021.10

• KIT composed of all necessary tools for GBR procedure including bone screw and bone tack



GBR KIT Surgical Instruments - Bone Screw For Bone Screw Only

Bone Screw Driver Tip (Handle)

- Used by connecting to Universal Handle
- Tighten the bone screw upright fully before use



Cross

BSCHDT

Universal Handle

- Used by connecting to a bone screw driver tip (handle)



OUH

Bone Screw Driver (Engine)

- Used by connecting with an engine
- Tighten the bone screw upright fully before use

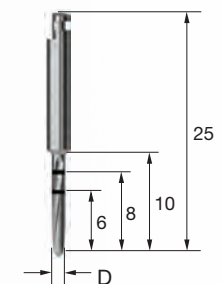


Cross

BSCMD

Ø1.3 Drill

- Used with a Ø 2.0 bone screw
- Recommended drilling speed : 800rpm



D

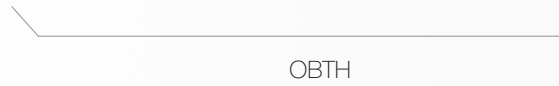
Ø1.3

OSODR130S

GBR KIT Surgical Instruments - Bone Tack

Bone Tack Holder **RENEWAL 2021.10**

- Used for holding the bone tack
- Design for stable grasping
- Anti-rotation feature
- Store after connecting to a cap in place



Bone Tack Holder



Bone Tack Holder Protector



Bone Tack Holder Tip

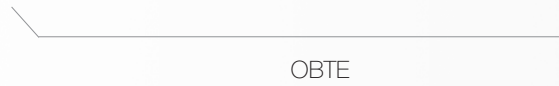


Bone Tack Holder Handle

Bone Tack Ejector **2018.10**

- Used for removing the bone tack
- Leverage-based design for easy removal

※ If the bone tack covered with bone prevents the ejector from being inserted, use a 0.9 hex driver to reverse and lift the bone tack before using the ejector tack



OSSTEM[®]
IMPLANT

Impression Materials HySil Plus

HySil Plus

- Hydrophilic VPS impression material for precise impression taking
- Allows sufficient working time and short intraoral setting time
 - Working time : 3 minutes 50 seconds
 - Intraoral setting time : 2 minutes 30 seconds
- High quality raw material from Germany

50ml Cartridges

Light Body

4 cartridges ESS50LS

15 cartridges ESS50LSB



Mono Body

4 cartridges ESS50MS

15 cartridges ESS50MSB



Normal

Heavy Body

4 cartridges ESS50HS

15 cartridges ESS50HSB



Bite

4 cartridges ESS50BS



50ml Cartridges

Light Body

4 cartridges
15 cartridges

ESS50LF
ESS50LFB



Fast

Mono Body

4 cartridges
15 cartridges

ESS50MF
ESS50MFB



Heavy Body

4 cartridges
15 cartridges

ESS50HF
ESS50HFB



Putty

Putty

Base 400ml
Catalyst 400ml

ESS400PS



Impression Materials HySil Plus

380ml Automix Cartridges

Mono body

2 cartridges

ESS380MS



Heavy body

2 cartridges

ESS380HS



Impression Materials Accessory

HyMix

- Automix reduces material costs and allows easy impression taking
- Alarm setting available for setting time (Max. 7 min)
- Compatible with 362ml and 380ml cartridges

DSD-IMI-0100



Impression Materials *Accessory*

Mixing Tips & Accessories Premium / Sulzer Mixpac Authentic

50ml Heavy Body Mixing Tip 50 (New model) 57mm JFSTG50



50ml Light Body Mixing Tip 50 (New model) 50mm JFSTY50



50ml Dispenser Gun JFS50DA



Mixing Tips & Accessories Regular

380ml Cartridge Mixing Tip 50 (New model) OMTA50



380ml Cartridge Mixing Tip 50 MT380



Bayonet Ring 2 66036078



50ml Mono Body Mixing Tip 100 S-P100
50ml Mono Body Mixing Tip 50 S-P50



50ml Mono Body Oral Tip 100 S-OP100
50ml Light Body Oral Tip 100 S-OY100



50ml Heavy Body Mixing Tip 300 OMTH300
50ml Heavy Body Mixing Tip 100 OMTH100



50ml Light Body Mixing Tip 300 OMTL300
50ml Light Body Mixing Tip 100 OMTL100



OSSTEM[®]
IMPLANT



ONE DIGITAL

INPUT

524 Intra Oral Scanner

CAD

526 CAD S/W

OUTPUT

528 Milling & Material

541 3D Printer & Material

DIGITAL GUIDE

544 OneGuide KIT

566 OnePositioning KIT

572 OneCAS KIT

578 OneMS KIT

586 One485 KIT

604 OneGuide KIT (Short)

606 OneGuide Accessory KIT

DIGITAL PROSTHETICS

612 Scan Body

618 Scan Healing Abutment

620 Digital Lab Analog

623 OneFit Abutment

624 Pre-milled Abutment

632 Link Abutment (for public / Cerec)

640 TS Multi Ti Base

641 Magic 4

Input Intra Oral Scanner

TRIOS4 POD 2020.05

- Advanced intraoral scanner
- Allows both modes of wired/wireless connection
- High-spec touch screen laptop
- Diagnostic tool with caries detection feature
- Scanning of the occlusal movement of the patient
- Comparison before and after the restorative treatment
- Simulation and preview for comparison between before and after the orthodontic treatment
- Comparative analysis of tooth displacement



22003127

TRIOS3 Wireless POD

- Word-first, wireless intraoral scanner
- Full mobility with wireless scanning
- Real-time display of scanning progress in the chairside screen
- Scanning of the occlusal movement of the patient
- Comparison before and after the restorative treatment
- Simulation and preview for comparison between before and after the orthodontic treatment
- Comparative analysis of tooth displacement
- Default provision of a laptop



22002245

TRIOS4 MOVE PLUS 2020.05

- Excellent mobility
- Allows both modes of wired/wireless connection
- 15.6" touch screen with adjustable height
- Diagnostic tool with caries detection feature
- Scanning of the occlusal movement of the patient
- Comparison before and after the restorative treatment
- Simulation and preview for comparison between before and after the orthodontic treatment
- Comparative analysis of tooth displacement



22003165

TRIOS3 POD

- Standard intraoral scanner
- A dedicated stand allows move between patient chairs in the office
- Scanning of the occlusal movement of the patient
- Comparison before and after the restorative treatment
- Simulation and preview for comparison between before and after the orthodontic treatment
- Comparative analysis of tooth displacement
- Default provision of a laptop



22001091

Design Studio

- One-day prosthesis fabrication using TRIOS scan
- Crown, inlay, onlay, SCRIP crown
- Auto design feature
- One-stop solution from scanning, design to milling

Stand alone

80241140



Implant Studio

- Guide design using scan data and CT data
- Implant planning
- Available format of importing files: STL, DCM

Stand alone

85240020

Implant studio(T)

85240060

Implant studio(D)

85240010



Clear Aligner Studio

- Design of orthodontic appliances using scan data
- Clear aligner design
- Bracket bonding jig design

Clear Aligner
Studio(T)

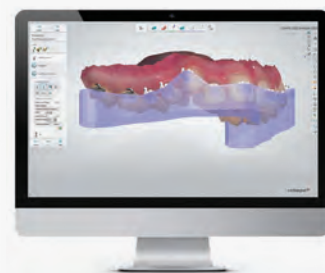
80245501



Indirect Bonding Studio

- Digital bracket placement using scan data
- 3D printing of the indirect bonding jig for fabrication

80245502



Ortho System Premium

- For scan data analysis of orthodontic patients
- For treatment planning and virtual setup
- Allows data extraction in STL format and printing
- Appliance fabrication

80245420



Module purchase

- Ortho analyzer stand-alone (80242052)
- Appliance designer stand-alone (80245050)
- Bracket placement - add-on to ortho planner (80245071)
- Appliance designer add-on (80245057)
- Bracket transfer - add-on to appliance designer (80245072)
- Study Model Builder Add-on to Ortho Analyzer (80245073)
- Planning Model Builder Add-on to Ortho Planner (80245074)

Dental system

- Production of digital dentures using TRIOS and model scan data
- Crown & Bridge, Inlay & Onlay, Custom abutment, Denture, Differentiated applications according to purchase options such as Model Builder

Dental system	Crown & Bridge	80241412
	Premium	80241411
	Complete Restorative	80241410

Module purchase

- Custom Abutment Design (80243260)
- Full Denture Add on (80245420)
- Model Builder Trios Add on (80249047)
- Model Builder All Scan Add on (80249071)



Output Milling & Material

OneMill 4X

- 4-Axis high speed/high precision milling machine enabling one-day prosthesis fabrication
- Processing time of ~ 20 minutes for single prosthesis
- 10µm precision for milling/replication
- For block materials (wet milling), simultaneous milling of three blocks
- Front LED indicator light displays real-time milling status
- Milling of glass ceramic, hybrid ceramic, zirconia and PMMA
- Chairside milling machine linked with TRIOS DESIGN STUDIO



TRIOS Design Studio
(80241140)

OneMill4X

OneMill 5X

- High-Precision 5-Axis Milling Machine Optimized for Modelless Prosthetics
- 10µm precision for milling/replication
- For disk materials (dry milling)
- Simultaneous 5-axis milling allows precise fabrication of prosthesis with different geometries
- 3-way airflow system minimizes dust in the inner surface of the prosthesis
- Front LED indicator light displays real-time milling status
- Milling of hybrid ceramic, zirconia, wax and PMMA



OneMill5X

O2-M4

- 4-Axis Milling Machine for Fabrication of Custom Abutment
- Premilled abutment (round bar) milling
- Use of 10 tools
- 20-minute processing on average
- Simultaneous machining capability up to 11 bars
- Automatic calibration feature



O2-M4

O2-FURNACE2

- Affordable, standard furnace for zirconia prosthesis
- Max. temperature: up to 1,550°C
- Simultaneous sintering up to 20 units if stacked in a single tray
- Up to 15 sintering schedules can be entered

O2-FURNACE2



Programat P310 (Ivoclar)

- Affordable, standard furnace for ceramic prosthesis
- Crystallization of glass-ceramics within 25 minutes
- Uniform heat transfer for reproduction of aesthetic shade
- High-resolution touchscreen for enhanced convenience

645987



Output Milling & Material

Estar-Z T

- CAD/CAM zirconia disk (Ø98mm) for dental prosthesis fabrication
- High-strength zirconia disk for fabricating posterior prosthesis with flexural strength of 1,300 MPa
- Accurate contraction minimizes internal fitting process
- 100% Tosoh raw materials



Posterior

Thickness(mm)	Shade / Order Code	
	A2	A3
10	ZTA2010T	ZTA3010T
12	ZTA2012T	ZTA3012T
14	ZTA2014T	ZTA3014T
16	ZTA2016T	ZTA3016T
18	ZTA2018T	ZTA3018T
20	ZTA2020T	ZTA3020T
22	ZTA2022T	ZTA3022T
25	ZTA2025T	ZTA3025T

Estar-Z HT NEW 2021

- CAD/CAM zirconia disk (Ø98mm) for dental prosthesis fabrication
- Versatile zirconia disk for fabricating anterior/posterior region with a flexural strength of 1,100MPa
- Accurate contraction minimizes internal fitting process
- 100% Tosoh raw materials



Anterior/Posterior

Thickness(mm)	Shade / Order Code		
	A1	A2	A3
10	ZHTA1010T	ZHTA2010T	ZHTA3010T
12	ZHTA1012T	ZHTA2012T	ZHTA3012T
14	ZHTA1014T	ZHTA2014T	ZHTA3014T
16	ZHTA1016T	ZHTA2016T	ZHTA3016T
18	ZHTA1018T	ZHTA2018T	ZHTA3018T
20	ZHTA1020T	ZHTA2020T	ZHTA3020T
22	ZHTA1022T	ZHTA2022T	ZHTA3022T
25	ZHTA1025T	ZHTA2025T	ZHTA3025T

Estar-Z ST

- CAD/CAM zirconia disk (Ø98mm) for dental prosthesis fabrication
- High-translucency zirconia disk with a flexural strength of 600MPa for fabricating anterior prosthesis
- Accurate contraction minimizes internal fitting process
- 100% Tosoh raw materials



Anterior

Thickness(mm)	Shade / Order Code	
	A1	A2
10	ZST1010T	ZST2010T
12	ZST1012T	ZST2012T
14	ZST1014T	ZST2014T
16	ZST1016T	ZST2016T
18	ZST1018T	ZST2018T
20	ZST1020T	ZST2020T
22	ZST1022T	ZST2022T
25	ZST1025T	ZST2025T

Estar-Z HT Block NEW 2022

- CAD/CAM zirconia block for dental prosthesis fabrication
- Versatile zirconia block for fabricating anterior/posterior region with a flexural strength of 1,100MPa
- Accurate contraction minimizes internal fitting process
- 100% Tosoh raw materials
- Capable of fabricating up to 20mm long implant crown



Anterior/Posterior

Type	Size(L*H*Wmm)	ea/Box	Shade / Order Code		
			A1	A2	A3
C20	20x19x15.5mm	5	ZHTA1020BS	ZHTA2020BS	ZHTA3020BS
B40L	40x19x15.5mm	6	ZHTA1041BS	ZHTA2041BS	ZHTA3041BS
B55	55x19x15.5mm	4	ZHTA1054BS	ZHTA2054BS	ZHTA3054BS
B55L	55x22x25.0mm	4	ZHTA1056BS	ZHTA2056BS	ZHTA3056BS

Output Milling & Material

Estar-Z Multi NEW 2022

- CAD/CAM zirconia disk (Ø98mm) for dental prosthesis fabrication
- Multi-layer zirconia with a flexural strength of 600MPa~1,100MPa(4-layer)
- Highly aesthetic product with excellent translucency and natural gradation
- High-quality prosthetics can be fabricated with minimal postprocessing



Anterior/Posterior

Thickness(mm)	Shade / Order Code		
	A1	A2	A3
12	ZP9A1012T	ZP9A2012T	ZP9A3012T
16	ZP9A1016T	ZP9A2016T	ZP9A3016T
20	ZP9A1020T	ZP9A2020T	ZP9A3020T

Estar-Z^E HT NEW 2022

- CAD/CAM zirconia disk (Ø98mm) for dental prosthesis fabrication
- Versatile zirconia disk for fabricating anterior/posterior region with a flexural strength of 1,100MPa
- A product allows both standard sintering and high-speed sintering (30 minutes)
- Accurate contraction minimizes internal fitting process



Anterior/Posterior

Thickness(mm)	Shade / Order Code		
	A1	A2	A3
10	ZEHTA1010T	ZEHTA2010T	ZEHTA3010T
12	ZEHTA1012T	ZEHTA2012T	ZEHTA3012T
14	ZEHTA1014T	ZEHTA2014T	ZEHTA3014T
16	ZEHTA1016T	ZEHTA2016T	ZEHTA3016T
18	ZEHTA1018T	ZEHTA2018T	ZEHTA3018T
20	ZEHTA1020T	ZEHTA2020T	ZEHTA3020T
22	ZEHTA1022T	ZEHTA2022T	ZEHTA3022T
25	ZEHTA1025T	ZEHTA2025T	ZEHTA3025T
30	ZEHTA1030T	ZEHTA2030T	ZEHTA3030T

Estar-Z Multi Block NEW 2022

- CAD/CAM zirconia block for dental prosthesis fabrication
- Multi-layer zirconia with a flexural strength of 600MPa~1,100MPa(4-layer)
- Highly aesthetic product with excellent translucency and natural gradation
- High-quality prosthetics can be fabricated with minimal postprocessing



Anterior/Posterior

Type	Size(L*H*Wmm)	ea/Box	Shade / Order Code		
			A1	A2	A3
C20	20x19x15.5mm	5	ZP9A1020BS	ZP9A2020BS	ZP9A3020BS
B40L	40x19x15.5mm	6	ZP9A1041BS	ZP9A2041BS	ZP9A3041BS
B55	55x19x15.5mm	4	ZP9A1054BS	ZP9A2054BS	ZP9A3054BS
B55L	55x22x25.0mm	4	ZP9A1056BS	ZP9A2056BS	ZP9A3056BS

Estar-Z^E HT Block NEW 2022

- CAD/CAM zirconia block for dental prosthesis fabrication
- Versatile zirconia block for fabricating anterior/posterior region with a flexural strength of 1,100MPa
- A product allows both standard sintering and high-speed sintering (30 minutes)
- Accurate contraction minimizes internal fitting process
- Capable of fabricating up to 20mm long implant crown



Anterior/Posterior

Type	Size(L*H*Wmm)	ea/Box	Shade / Order Code		
			A1	A2	A3
C20	20x19x15.5mm	5	ZEHTA1020BS	ZEHTA2020BS	ZEHTA3020BS
B40L	40x19x15.5mm	6	ZEHTA1041BS	ZEHTA2041BS	ZEHTA3041BS
B55	55x19x15.5mm	4	ZEHTA1054BS	ZEHTA2054BS	ZEHTA3054BS
B55L	55x22x25.0mm	4	ZEHTA1056BS	ZEHTA2056BS	ZEHTA3056BS

Output Milling & Material

Zirmon / Zircen

- CAD/CAM zirconia block for dental prosthesis fabrication
- High-strength zirconia disk for fabricating posterior teeth prosthesis (flexural strength of 1,200MPa)
- High-translucency zirconia disk for fabricating anterior teeth prosthesis (flexural strength of 800MPa)
- High-strength/high-translucency zirconia for fabricating anterior/posterior teeth prosthesis (flexural strength of 1,100MPa)



Group	Size	Shade	Item	Order Code	
Zirmon S (Posterior, 1200MPa)	40L	A0	ZIR BLOCK S1 1200 40 (6)	ZIR S1	
		A1	ZIR BLOCK S1 A1 1200 40 (6)	ZIR S1A1	
		A2	ZIR BLOCK S1 A2 1200 40 (6)	ZIR S1A2	
		A3	ZIR BLOCK S1 A3 1200 40 (6)	ZIR S1A3	
		A0	ZIR BLOCK S1 1200 55 (4)	ZIR S1-55	
		A1	ZIR BLOCK S1 A1 1200 55 (4)	ZIR S1A1-55	
	55	A2	ZIR BLOCK S1 A2 1200 55 (4)	ZIR S1A2-55	
		A3	ZIR BLOCK S1 A3 1200 55 (4)	ZIR S1A3-55	
		40L	A0	ZIR BLOCK S1P 650 40 (6)	ZIR S1 PLUS
			A1	ZIR BLOCK S1P A1 650 40 (6)	ZIR S1 PLUSA1
			A2	ZIR BLOCK S1P A2 650 40 (6)	ZIR S1 PLUSA2
			A3	ZIR BLOCK S1P A3 650 40 (6)	ZIR S1 PLUSA3
A0	ZIR BLOCK S1P 650 55 (4)		ZIR S1 PLUS-55		
A1	ZIR BLOCK S1P A1 650 55 (4)		ZIR S1 PLUSA1-55		
55	A2	ZIR BLOCK S1P A2 650 55 (4)	ZIR S1 PLUSA2-55		
	A3	ZIR BLOCK S1P A3 650 55 (4)	ZIR S1 PLUSA3-55		
	40L	A0	ZIR BLOCK S1M 1100 40 (6)	ZIR S1M	
		A1	ZIR BLOCK S1M A1 1100 40 (6)	ZIR S1MA1	
		A2	ZIR BLOCK S1M A2 1100 40 (6)	ZIR S1MA2	
		A3	ZIR BLOCK S1M A3 1100 40 (6)	ZIR S1MA3	
A0		ZIR BLOCK S1M 1100 55 (4)	ZIR S1M-55		
A1		ZIR BLOCK S1M A1 1100 55 (4)	ZIR S1MA1-55		
55	A2	ZIR BLOCK S1M A2 1100 55 (4)	ZIR S1MA2-55		
	A3	ZIR BLOCK S1M A3 1100 55 (4)	ZIR S1MA3-55		

IPS e.max CAD

- CAD/CAM glass ceramic for dental prosthesis fabrication
- Reinforced ceramic for fabricating anterior/posterior teeth prosthesis (flexural strength of 530MPa)



Group	Size	Shade	Item	Order Code		
LT	I12	A1	IPS E.MAX CAD CEREC/INLAB LT A1 I12/5	605318		
		A2	IPS E.MAX CAD CEREC/INLAB LT A2 I12/5	605319		
		A3	IPS E.MAX CAD CEREC/INLAB LT A3 I12/5	605320		
		A3.5	IPS E.MAX CAD CEREC/INLAB LT A3,5 I12/5	605321		
		A1	IPS E.MAX CAD CEREC/INLAB LT A1 C14/5	605328		
		A2	IPS E.MAX CAD CEREC/INLAB LT A2 C14/5	605329		
	C14	A3	IPS E.MAX CAD CEREC/INLAB LT A3 C14/5	605330		
		A3.5	IPS E.MAX CAD CEREC/INLAB LT A3,5 C14/5	605331		
		MT	C14	A1	IPS E.MAX CAD CEREC/INLAB MT A1 C14/5	680028
				A2	IPS E.MAX CAD CEREC/INLAB MT A2 C14/5	680029
				A3	IPS E.MAX CAD CEREC/INLAB MT A3 C14/5	680030
			HT	I12	A1	IPS E.MAX CAD CEREC/INLAB HT A1 I12/5
A2	IPS E.MAX CAD CEREC/INLAB HT A2 I12/5				626392	
A3	IPS E.MAX CAD CEREC/INLAB HT A3 I12/5				626393	
A3.5	IPS E.MAX CAD CEREC/INLAB HT A3,5 I12/5	626394				
C14	A1	IPS E.MAX CAD CEREC/INLAB HT A1 C14/5			626407	
	A2	IPS E.MAX CAD CEREC/INLAB HT A2 C14/5			626408	
	A3	IPS E.MAX CAD CEREC/INLAB HT A3 C14/5	626409			
		A3.5	IPS E.MAX CAD CEREC/INLAB HT A3,5 C14/5	626410		

Output Milling & Material

IPS Empress CAD

- CAD/CAM glass ceramic for dental prosthesis fabrication
- Ceramic for fabricating anterior and inlay prostheses (flexural strength of 185MPa)



Group	Size	Shade	Item	Order Code
LT	I10	A1	IPS EMPRESS CAD CEREC/INLAB LT A1 I10/5	602547
		A2	IPS EMPRESS CAD CEREC/INLAB LT A2 I10/5	602548
		A3	IPS EMPRESS CAD CEREC/INLAB LT A3 I10/5	602549
		A3.5	IPS EMPRESS CAD CEREC/INLAB LT A3,5 I10/5	602550
	I12	A1	IPS EMPRESS CAD CEREC/INLAB LT A1 I12/5	602557
		A2	IPS EMPRESS CAD CEREC/INLAB LT A2 I12/5	602558
		A3	IPS EMPRESS CAD CEREC/INLAB LT A3 I12/5	602559
		A3.5	IPS EMPRESS CAD CEREC/INLAB LT A3,5 I12/5	602560
HT	I8	A1	IPS EMPRESS CAD CEREC/INLAB HT A1 I8/5	602500
		A2	IPS EMPRESS CAD CEREC/INLAB HT A2 I8/5	602501
		A3	IPS EMPRESS CAD CEREC/INLAB HT A3 I8/5	602502
		A3.5	IPS EMPRESS CAD CEREC/INLAB HT A3,5 I8/5	602503
	I10	A1	IPS EMPRESS CAD CEREC/INLAB HT A1 I10/5	602510
		A2	IPS EMPRESS CAD CEREC/INLAB HT A2 I10/5	602511
		A3	IPS EMPRESS CAD CEREC/INLAB HT A3 I10/5	602512
		A3.5	IPS EMPRESS CAD CEREC/INLAB HT A3,5 I10/5	602513
Multi	C14	A1	EMPRESS CAD CEREC/INLAB MULTI A1 C14/5	602598
		A2	EMPRESS CAD CEREC/INLAB MULTI A2 C14/5	602599
		A3	EMPRESS CAD CEREC/INLAB MULTI A3 C14/5	602600
		A3.5	EMPRESS CAD CEREC/INLAB MULTI A3,5 C14/5	602601

Enamic

- CAD/CAM hybrid ceramic block for dental prosthesis fabrication
- Hybrid ceramic block for fabricating inlay and veneer prostheses (flexural strength of 160MPa)
- Dual network structure, elastic modulus similar to dentin, and good machinability



Size	Shade	Item	Order Code
10	0M1	VITA ENAMIC HT 0M1 EM10	EC40M1HTEM10
	1M1	VITA ENAMIC HT 1M1 EM10	EC41M1HTEM10
	1M2	VITA ENAMIC HT 1M2 EM10	EC41M2HTEM10
	2M2	VITA ENAMIC HT 2M2 EM10	EC42M2HTEM10
	3M2	VITA ENAMIC HT 3M2 EM10	EC43M2HTEM10
	14	0M1	VITA ENAMIC HT 0M1 EM14
1M1		VITA ENAMIC HT 1M1 EM14	EC41M1HTEM14
1M2		VITA ENAMIC HT 1M2 EM14	EC41M2HTEM14
2M2		VITA ENAMIC HT 2M2 EM14	EC42M2HTEM14
3M2		VITA ENAMIC HT 3M2 EM14	EC43M2HTEM14

Hybrid Ceramic

Disk

- CAD/CAM hybrid ceramic disk for dental prosthesis fabrication (Ø98mm)
- Hybrid ceramic disk for fabricating inlay and veneer prostheses (flexural strength of 210MPa)



Thickness	Shade	Item	Order Code
8T	A1	Hybrid Ceramic Duro Ø98 HT A1	HC 98-A1/8
	A2	Hybrid Ceramic Duro Ø98 HT A2	HC 98-A2/8
	A3	Hybrid Ceramic Duro Ø98 HT A3	HC 98-A3/8
	A3.5	Hybrid Ceramic Duro Ø98 LT A3.5	HC 98-A3.5/8
10T	A1	Hybrid Ceramic Duro Ø98 HT A1	HC 98-A1/10
	A2	Hybrid Ceramic Duro Ø98 HT A2	HC 98-A2/10
	A3	Hybrid Ceramic Duro Ø98 HT A3	HC 98-A3/10
	A3.5	Hybrid Ceramic Duro Ø98 LT A3.5	HC 98-A3.5/10

Block

- CAD/CAM hybrid ceramic block for dental prosthesis fabrication
- Hybrid ceramic block for fabricating inlay and veneer prostheses (flexural strength of 210MPa)



Group	Size	Shade	Item	Order Code
HT	10	A1	MAZIC DURO 10 HT A1 (5)	MD 10HTA1
		A2	MAZIC DURO 10 HT A2 (5)	MD 10HTA2
		A3	MAZIC DURO 10 HT A3 (5)	MD 10HTA3
	12	A1	MAZIC DURO 12 HT A1 (5)	MD 12HTA1
		A2	MAZIC DURO 12 HT A2 (5)	MD 12HTA2
		A3	MAZIC DURO 12 HT A3 (5)	MD 12HTA3
	14	A1	MAZIC DURO 14 HT A1 (5)	MD 14HTA1
		A2	MAZIC DURO 14 HT A2 (5)	MD 14HTA2
		A3	MAZIC DURO 14 HT A3 (5)	MD 14HTA3
LT	12	A1	MAZIC DURO 12 LT A1 (5)	MD 12LTA1
		A2	MAZIC DURO 12 LT A2 (5)	MD 12LTA2
		A3	MAZIC DURO 12 LT A3 (5)	MD 12LTA3
	14	A3.5	MAZIC DURO 12 LT A3.5 (5)	MD 12LTA35
		A1	MAZIC DURO 14 LT A1 (5)	MD 14LTA1
		A2	MAZIC DURO 14 LT A2 (5)	MD 14LTA2
	14	A3	MAZIC DURO 14 LT A3 (5)	MD 14LTA3
		A3.5	MAZIC DURO 14 LT A3.5 (5)	MD 14LTA35

PMMA

Disk

- CAD/CAM PMMA disk for fabricating temporary prosthesis(Ø98mm)
- Line-up of various shades allow expanded application of clinical indications



Thickness	Shade	Item	Order Code
12T	A2	PMMA DISK A2 12MM	PMMA2-12
	A3	PMMA DISK A3 12MM	PMMA3-12
14T	A1	PMMA DISK A1 14MM	PMMA1-14
	A2	PMMA DISK A2 14MM	PMMA2-14
	A3	PMMA DISK A3 14MM	PMMA3-14
	A3.5	PMMA DISK A3.5 14MM	PMMA35-14
16T	A1	PMMA DISK A1 16MM	PMMA1-16
	A2	PMMA DISK A2 16MM	PMMA2-16
	A3	PMMA DISK A3 16MM	PMMA3-16
18T	A2	PMMA DISK A2 18MM	PMMA2-18
	A3	PMMA DISK A3 18MM	PMMA3-18
	A3.5	PMMA DISK A3.5 18MM	PMMA35-18
20T	A1	PMMA DISK A1 20MM	PMMA1-20
	A2	PMMA DISK A2 20MM	PMMA2-20
	A3	PMMA DISK A3 20MM	PMMA3-20
	A3.5	PMMA DISK A3.5 20MM	PMMA35-20

Block

- CAD/CAM PMMA block for fabricating temporary prosthesis



Size	Shade	Item	Order Code
40L	A1	PMMA BLOCK A1 40 (5)	PMMA1-4019
	A2	PMMA BLOCK A2 40 (5)	PMMA2-4019
	A3	PMMA BLOCK A3 40 (5)	PMMA3-4019

Output Milling & Material

WAX

- CAD/CAM wax disk (Ø98mm) for fabricating prosthetic patterns for castings



Thickness	Item	Order Code
10T	Wax Disk 10T	WAX10T
12T	Wax Disk 12T	WAX12T
14T	Wax Disk 14T	WAX14T
16T	Wax Disk 16T	WAX16T
18T	Wax Disk 18T	WAX18T
20T	Wax Disk 20T	WAX20T
22T	Wax Disk 22T	WAX22T
25T	Wax Disk 25T	WAX25T

Output 3D Printer & Material

ONEJET LCD **NEW 2021**

- Excellent output precision ($\leq 100\mu\text{m}$)
- Mono LCD with high light transmittance
- LED array type light source with uniform distribution of illumination
- Magnetic build plate applied
- Wireless data transmission
- Auto Support creation function for enhanced user convenience



ONEJET LCD

ONEJET CURE PLUS **NEW 2021**

- Ultra-high speed curing unit of excellent light intensity
- Surgical guide 2 minutes
- Splint 4 minutes
- Model 5 minutes
- Temporary Crown 7 minutes



ONECURE PLUS

ONEJET DLP PLUS **NEW 2022**

- High output speed ($\geq 46\text{mm/h}$)
- Excellent output precision ($\leq 100\mu\text{m}$)
- Transmission and control of wireless data
- Build platform detection feature
- Digital power button
- Window(cover) soft closing function



ONEJET DLP PLUS

Output 3D Printer & Material

ONEJET Surgical Guide **NEW 2021**

- Excellent physical properties with reduced molding time
- Autoclave sterilization
- 1kg type: output of approximately 50 surgical guides (Full Arch)

1kg	OJSG
0.5kg	OJSG-500



ONEJET Model Beige **NEW 2022**

- Superior output quality
- Excellent surface roughness
- High-precision output of fine parts

1kg	OJMO-B
0.5kg	OJMO-B-500



ONEJET C&B **NEW 2022**

- Stable performance in output precision
- Excellent reproduction of tooth shades
- 1kg type : output of approximately 1,500 objects (Single)

1kg	OJTC-A3
0.5kg	OJTC-A3-500



ONEJET Base **NEW 2022**

- Stable performance in output precision
- Completed human toxicity test and biological stability test
- Excellent reproduction of gingival color shades

1kg	OJDB-OP
0.5kg	OJDB-OP-500

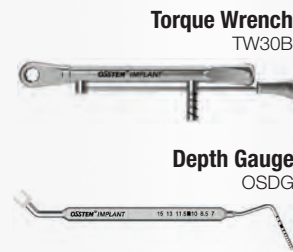


OSSTEM[®]
IMPLANT

Applicable Products

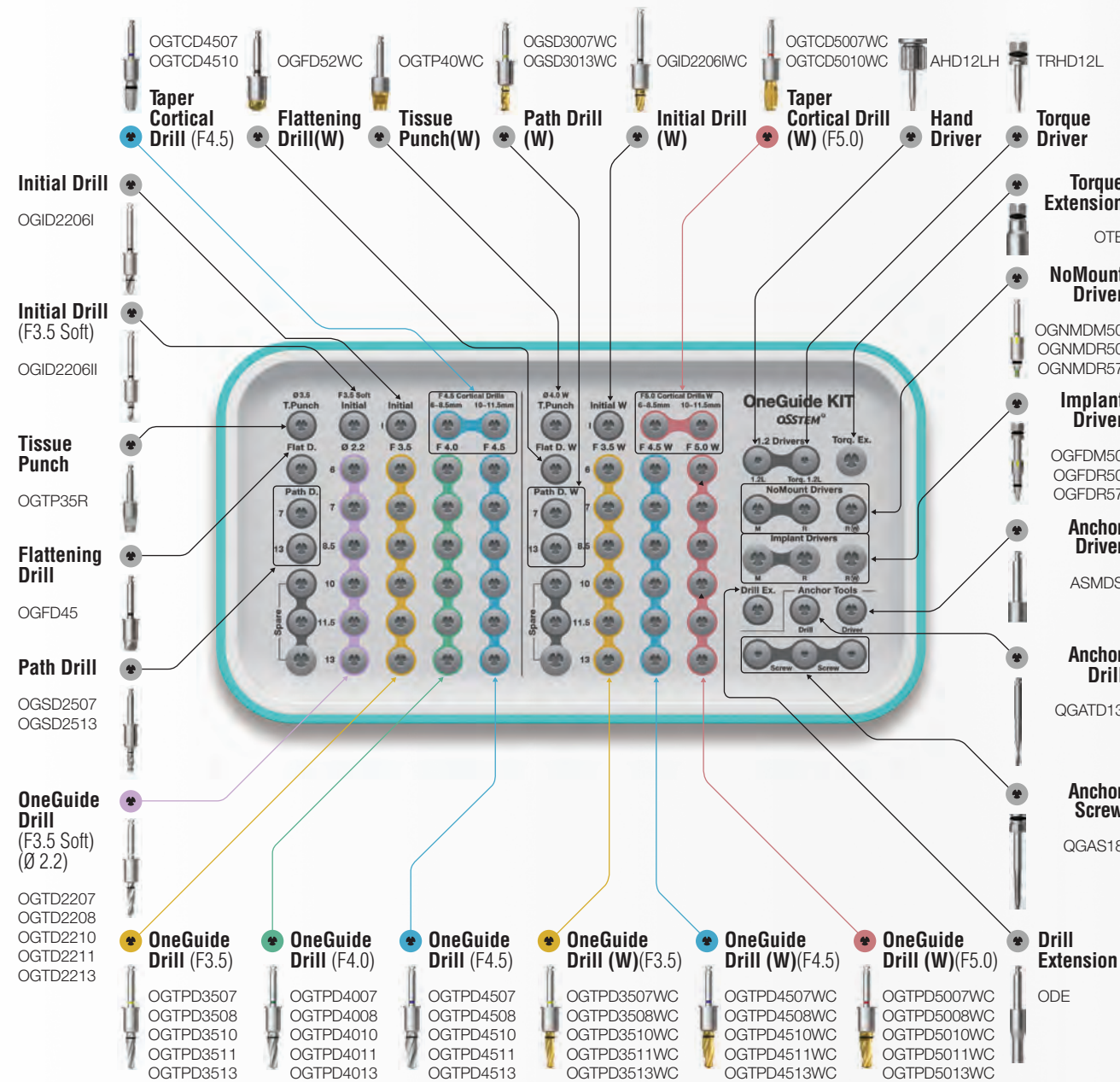
- TSIII / IV
- KSIII
- SSIII
- USIII / IV

Top panel components



Torque Wrench
TW30B

Depth Gauge
OSDG



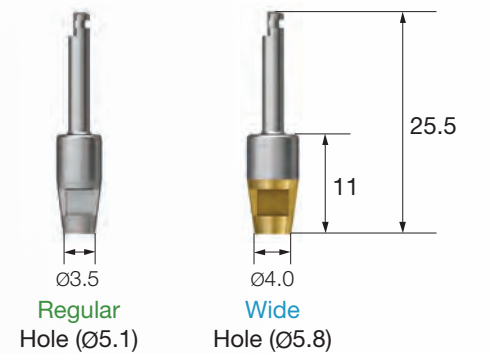
OneGuide

- Sleeveless type : 2 types, open type and close type
 - Open type can be used in posterior region with limited opening
- Metal sleeve type : Only close type available
 - Inserted into the OneGuide hole for use
 - Can be selected as an option when ordering the surgical guide
- Two types of guide hole with respect to implant diameter as follows:
 - Regular hole (Ø5.1) : F3.5 / 4.0 / 4.5
 - Wide hole (Ø5.8) : F5.0
- Double contact function for excellent implant placement accuracy
 - Double contact of the drill: drilling hole and OneGuide hole
- Simple drilling sequence by using drill bit shape of 122 Taper KIT drill
- Packing unit : surgical guide
 - Option : OneFit abutment, temporary crown



Tissue Punch RENEWAL 2020

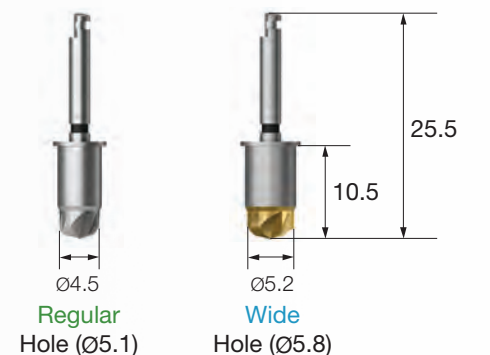
- Used for removal of gingiva in flapless surgery
- 7 types according to the diameter of OneGuide hole
- Other types except the two types included in the KIT (OGTP35R, OGTP40WC) are sold separately
- Recommended speed : 800~1,200 rpm



D	Regular Hole (Ø5.1)	Wide Hole (Ø5.8)
	Ø3.0	OGTP30R
Ø3.5	OGTP35R	-
Ø4.0	OGTP40R	OGTP40WC
Ø4.5	OGTP45R	OGTP45WC
Ø5.0	-	OGTP50WC

Flattening Drill

- Used for narrow or uneven ridge
- A number of cutting bits enable stable preparation without bouncing
- Available in two types (≤F 4.5/F5.0)
- Recommended speed : 800~1,200 rpm

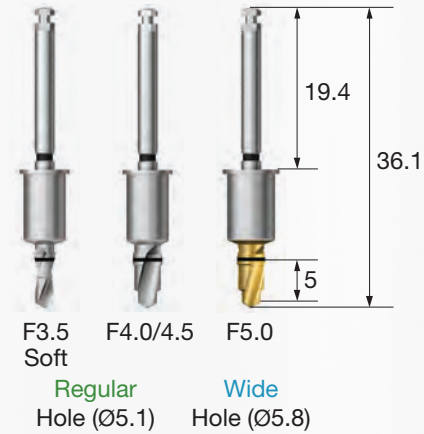


F4.5 이하 F5.0	Regular Hole (Ø5.1)	Wide Hole (Ø5.8)
		OGFD45
	-	OGFD52WC

Initial Drill

- Positioning of placement location after using Tissue Punch
- Securing the guide depth of the subsequent drill
- Available in three types (F3.5 soft, F4.0/4.5, F5.0)
- Recommended speed : 800~1,200 rpm

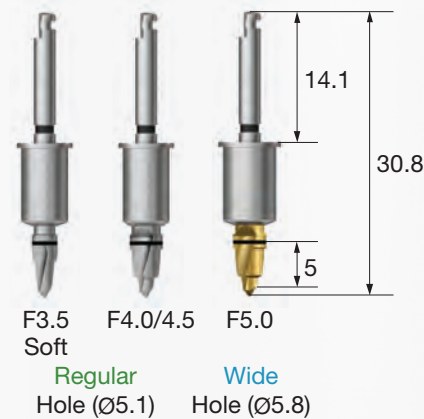
	Regular Hole (Ø5.1)	Wide Hole (Ø5.8)
F3.5 Soft	OGID2206II	-
F4.0/F4.5	OGID2206I	-
F5.0	-	OGID2206IWC



Initial Drill (Short Type) NEW 2020

- Short type drill with a handle 5.3mm shorter than the Initial Drill
- Used for limited intermaxillary distance
- Available in three types (F3.5 soft, F4.0/4.5, F5.0)
- Sold as an individual item
- Recommended speed : 800~1,200 rpm

	Regular Hole (Ø5.1)	Wide Hole (Ø5.8)
F3.5 Soft	OGD2206IIS	-
F4.0/F4.5	OGD2206IS	-
F5.0	-	OGD2206ISWC

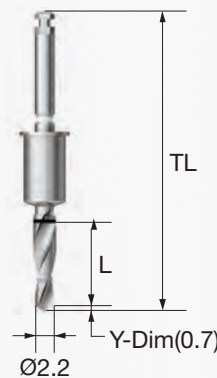


OneGuide Twist Drill (Ø2.2)

- Used for placing F3.5 implant in soft bone
- Available in 5 types according to the length
- Recommended speed : 800~1,200 rpm

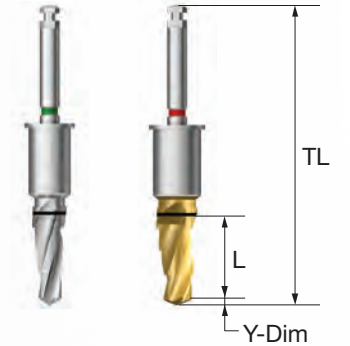
Regular Hole (Ø5.1)

L	TL	Ø2.2
7	36.1	OGTD2207
8.5	36.1	OGTD2208
10	36.1	OGTD2210
11.5	37.6	OGTD2211
13	39.1	OGTD2213



OneGuide Taper Drill

- Taper Drill optimized for III/IV type implant
- Used for placing F3.5~F5.0 & 6~13mm implants
- Stable drilling with multi-stage structure
- Drills for 6mm diameter and F5.5(W) types are sold separately
- Recommended speed : Soft Bone(800~1,200 rpm) / Normal, Hard Bone(1,200~1,500 rpm)



Regular Hole (Ø5.1)

L	TL	F3.5	F4.0	F4.5
	Y-Dim	0.7	0.9	1.0
6	36.1	OGTPD3506	OGTPD4006	OGTPD4506
7	36.1	OGTPD3507	OGTPD4007	OGTPD4507
8.5	36.1	OGTPD3508	OGTPD4008	OGTPD4508
10	36.1	OGTPD3510	OGTPD4010	OGTPD4510
11.5	37.6	OGTPD3511	OGTPD4011	OGTPD4511
13	39.1	OGTPD3513	OGTPD4013	OGTPD4513

Wide Hole (Ø5.8)

L	TL	F3.5(w)	F4.5(w)	F5.0(w)	F5.5(w)
	Y-Dim	0.7	1.0	1.0	1.0
6	36.1	OGTPD3506WC	OGTPD4506WC	OGTPD5006WC	OGTPD5506WC
7	36.1	OGTPD3507WC	OGTPD4507WC	OGTPD5007WC	OGTPD5507WC
8.5	36.1	OGTPD3508WC	OGTPD4508WC	OGTPD5008WC	OGTPD5508WC
10	36.1	OGTPD3510WC	OGTPD4510WC	OGTPD5010WC	OGTPD5510WC
11.5	37.6	OGTPD3511WC	OGTPD4511WC	OGTPD5011WC	OGTPD5511WC
13	39.1	OGTPD3513WC	OGTPD4513WC	OGTPD5013WC	OGTPD5513WC

OneGuide KIT Surgical Instruments

RENEWAL 2020

OneGuide Taper Cortical Drill

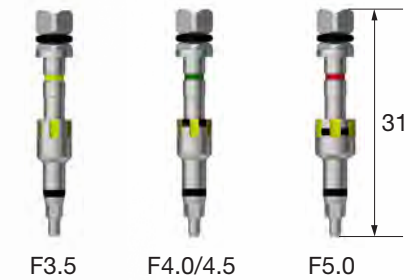
- Used for placing F4.5 and F5.0 implants in hard bone
- Optimized placement torque by cutting cortical bone
- Drill for 13mm diameter implant is sold separately
- Drilling up to the marking line bottom of the barrel for placing 6mm implant
- Recommended speed : 800~1,200 rpm



L	Regular Hole (Ø5.1)		Wide Hole (Ø5.8)	
	Mini	Regular	Mini	Regular
6 / 7 / 8.5mm		OGTCD4507		OGTCD5007WC
10 / 11.5mm		OGTCD4510		OGTCD5010WC
13mm		OGTCD4513		OGTCD5013WC

Implant Driver

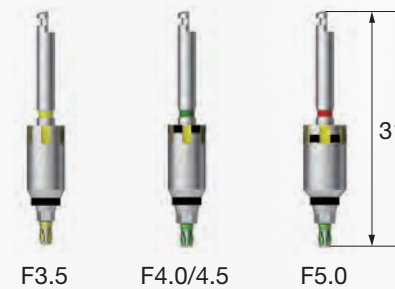
- Used by assembling to a wrench for adjusting the final placement depth
- Yellow groove formed to align the abutment hex direction
- Checked by matching the groove of OneGuide with the groove of the driver
- Based on marking line (Placed by aligning to the top of the OneGuide template)
 - 1) F4.0/4.5 : bottom line - 6mm, top line - ≥7mm
 - 2) F5.0 : bottom line - 4mm, top line - 5mm, Barrel Top - ≥6mm
- C = Connection



C	Regular Hole (Ø5.1)		Wide Hole (Ø5.8)	
	Mini	Regular	Mini	Regular
F3.5	OGFDM50	-	-	-
F4.0 / F4.5	-	OGFDR50	-	-
F5.0	-	-	-	OGFDR57

NoMount Driver

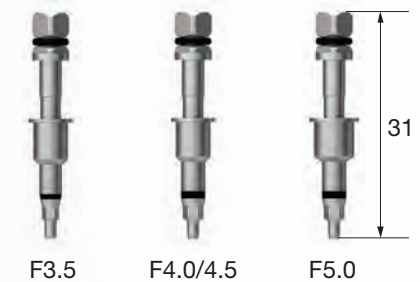
- Used for placing NoMount Implant
- ※ Placement up to 80% of the planned implant placement depth is recommended
- C = Connection



C	Regular Hole (Ø5.1)		Wide Hole (Ø5.8)	
	Mini	Regular	Mini	Regular
F3.5	OGNMDM50	-	-	-
F4.0 / F4.5	-	OGNMDR50	-	-
F5.0	-	-	-	OGNMDR57

Implant Driver (Stopper Type) NEW 2020

- Featuring stopper design to prevent entry below the upper surface of OneGuide hole
- Sold as an individual item
- C = Connection

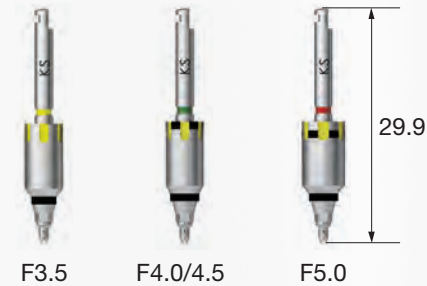


C	Regular Hole (Ø5.1)		Wide Hole (Ø5.8)	
	Mini	Regular	Mini	Regular
F3.5	OGFDSM50	-	-	-
F4.0 / F4.5	-	OGFDSR50	-	-
F5.0	-	-	-	OGFDSR57

OneGuide KIT Surgical Instruments

OneGuide KS NoMount Driver NEW 2020

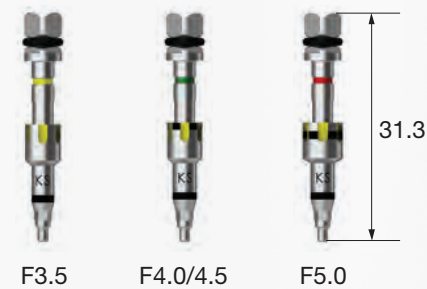
- KS Used for placing NoMount Implant
- Placement up to 80% of the planned implant placement depth is recommended
- Sold as an individual item
- C = Connection



C	Regular Hole (ø5.1)		Wide Hole (ø5.8)
	Regular	Regular	Regular
F3.5	OGNMDM50K	-	-
F4.0 / F4.5	-	OGNMDR50K	-
F5.0	-	-	OGNMDR57K

OneGuide KS Implant Driver

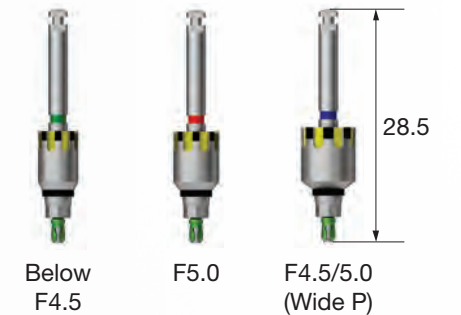
- Used by assembling to a wrench for adjusting the final placement depth
- Yellow groove formed to align the abutment hex direction
- Checked by matching the groove of OneGuide with the groove of the driver
- Based on marking line (Placed by aligning to the top of the OneGuide template)
 - 1) F4.0/4.5 : bottom line - 6mm, top line - ≥7mm
 - 2) F5.0 : bottom line - 4mm, top line - 5mm, Barrel Top - ≥ 6mm
- Sold as an individual item
- C = Connection



C	Regular Hole (ø5.1)		Wide Hole (ø5.8)
	Regular	Regular	Regular
F3.5	OGFDM50K	-	-
F4.0 / F4.5	-	OGFDR50K	-
F5.0	-	-	OGFDR57K

OneGuide SS NoMount Driver

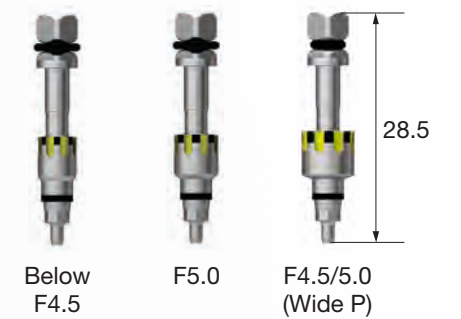
- SSIII Used for placing NoMount Implant
- Placement up to 80% of the planned implant placement depth is recommended
- Sold as an individual item
- P = Platform



P	Regular Hole (ø5.1)	Wide Hole (ø5.8)	Extra Wide Hole (ø6.8)
	Regular	Regular	Wide
Below F4.5	OGNMDR50S	-	-
F5.0	-	OGNMDR57S	-
F4.5 / 5.0(Wide P)	-	-	OGNMDW67S

OneGuide SS Implant Driver

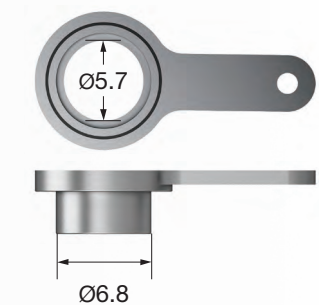
- Used by assembling to a wrench for adjusting the final placement depth
- SSIII G/H 2.8 is placed up to the octa custom groove marking line
- Yellow groove formed to align the abutment octa direction
- Checked by matching the groove of OneGuide with the groove of the driver
- Sold as an individual item
- P = Platform



P	Regular Hole (ø5.1)	Wide Hole (ø5.8)	Extra Wide Hole (ø6.8)
	Regular	Regular	Wide
Below F4.5	OGFDR50S	-	-
F5.0	-	OGFDR57S	-
F4.5 / 5.0(Wide P)	-	-	OGFDW67S

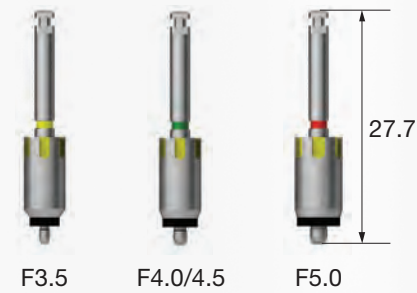
OneGuide Drill Handle

- Used for SSIII wide platform implant procedure
- Exclusively for extra wide hole (ø6.8)
- Sold as an individual item



OneGuide US NoMount Driver

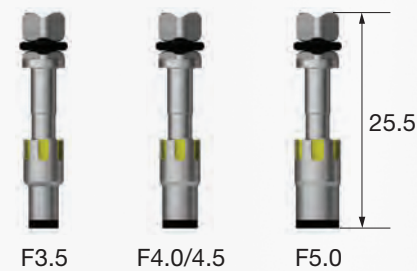
- USIII Used for placing NoMount Implant
- Placement up to 80% of the planned implant placement depth is recommended
- Sold as an individual item
- P = Platform



P	Regular Hole (Ø5.1)		Wide Hole (Ø5.8)
	Mini	Regular	Wide
F3.5	OGNMDM50U	-	-
F4.0 / F4.5	-	OGNMDR50U	-
F5.0	-	-	OGNMDW57U

OneGuide US Implant Driver

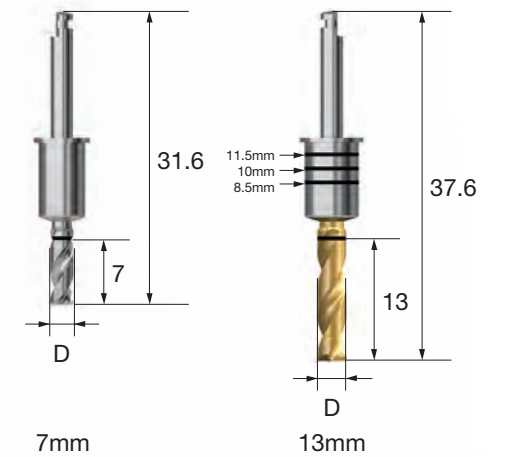
- Used by assembling to a wrench for adjusting the final placement depth
- Yellow groove formed to align the abutment hex direction
- Checked by matching the groove of OneGuide with the groove of the driver
- Sold as an individual item
- P = Platform



P	Regular Hole (Ø5.1)		Wide Hole (Ø5.8)
	Mini	Regular	Wide
F3.5	OGFDM50U	-	-
F4.0 / F4.5	-	OGFDR50U	-
F5.0	-	-	OGFDW57U

OneGuide Path Drill ^{2018.12}

- Drill for correction of the path deviation during OneGuide surgery
- Used for formation of implant placement path for extraction case
- Flat blade design optimized for cutting inclined bones
- 4 types for each OneGuide hole diameter, 8 types in total : Regular hole(Ø5.1) / Wide hole(Ø5.8)
- Basic components included in the KIT : Regular hole(Ø5.1) - Ø2.5 / Wide hole(Ø5.8) - Ø3.0
- For 13mm product, depth is adjusted according to the marking line (top line 11.5mm, midline 10mm, bottom line 8.5mm)
- Recommended speed : 1,200~1,500 rpm



Regular Hole (Ø5.1)

L \ D	Ø2.5	Ø3.0
7	OGSD2507	OGSD3007
13.0	OGSD2513	OGSD3013

Wide Hole (Ø5.8)

L \ D	Ø2.5	Ø3.0
7	OGSD2507WC	OGSD3007WC
13.0	OGSD2513WC	OGSD3013WC

Anchor Drill

- Used for drilling before using an Anchor Screw
- Recommended speed : 800~1,200 rpm

QGATD13



Mount Driver (OneGuide Anchor Driver)

- Used by connecting to a simple mount for implant placement (short type)
- For OneGuide surgery, connect to Anchor Screw for use

ASMDS



Anchor Screw

- Used for fixing OneGuide in place (e.g. edentulous case)
- Selective application in preoperative planning stage

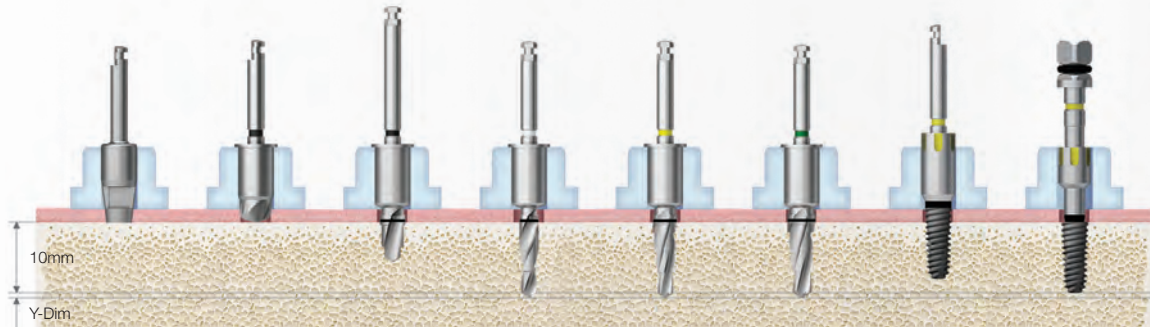


QGAS18

OSSTEM[®]
IMPLANT

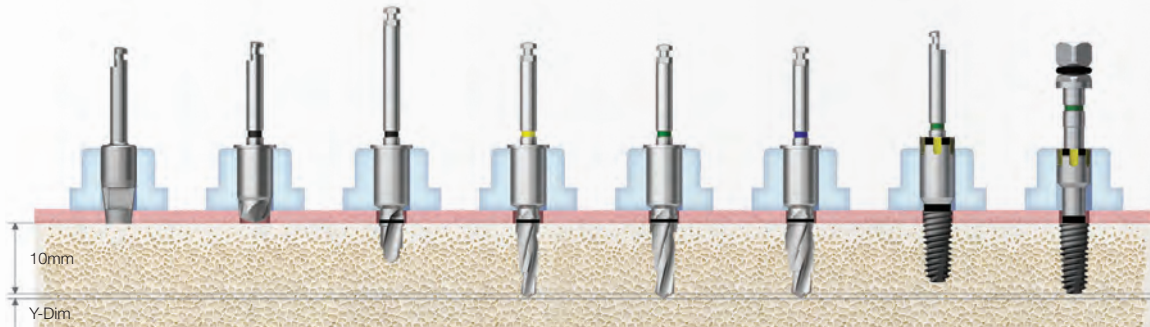
Drilling Sequence **OneGuide Drill**
TSIII | KSIII | SSIII | USIII
 (Length : 10mm)

Ø3.5



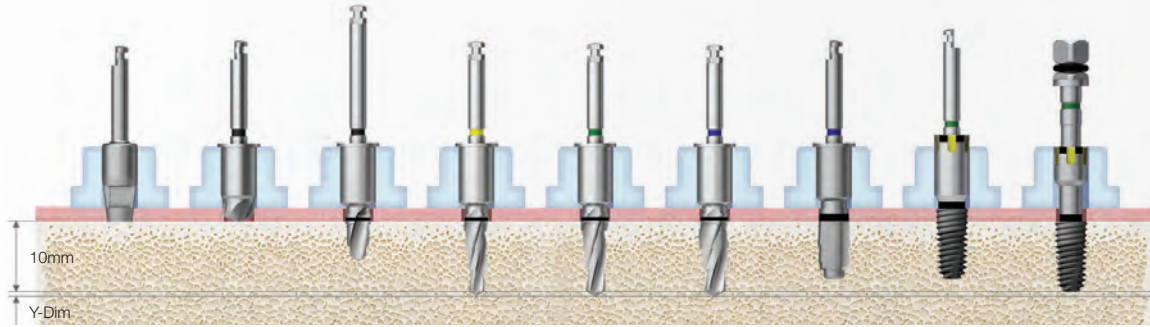
Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (Ø2.2)	Drill (F3.5)	Drill (F4.0)	Nomount Driver	Implant Driver
Soft	▶	(▶)	(F3.5 Soft) ▶	▶				
Normal	▶	(▶)	▶		▶		Implant Placement (Up to 80%)	Implant Placement
Hard	▶	(▶)	▶		▶			

Ø4.0



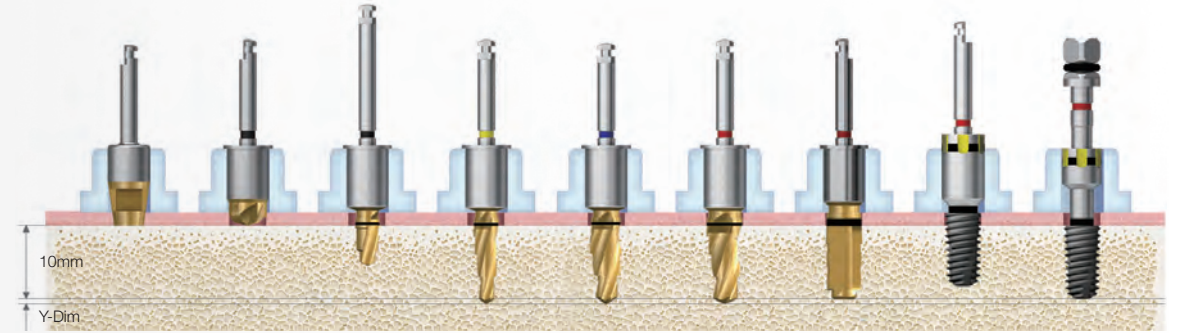
Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	▶				
Normal	▶	(▶)	▶	▶	▶		Implant Placement (Up to 80%)	Implant Placement
Hard	▶	(▶)	▶	▶		▶		

Ø4.5



Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Cortical (F4.5)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	▶	▶				
Normal	▶	(▶)	▶	▶		▶		Implant Placement (Up to 80%)	Implant Placement
Hard	▶	(▶)	▶	▶		▶	▶		

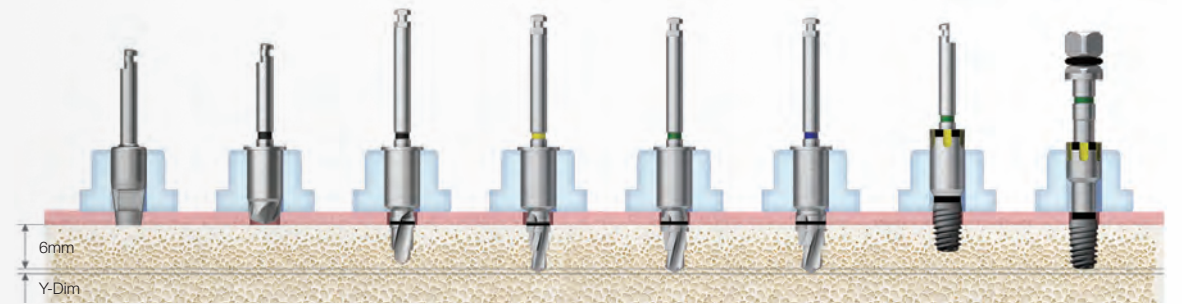
Ø5.0



Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Initial Drill (W)	Drill (W) (F3.5)	Drill (W) (F4.5)	Drill (W) (F5.0)	Cortical (W) (F5.0)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	▶	▶				
Normal	▶	(▶)	▶	▶			▶	Implant Placement (Up to 80%)	Implant Placement
Hard	▶	(▶)	▶	▶		▶	▶		

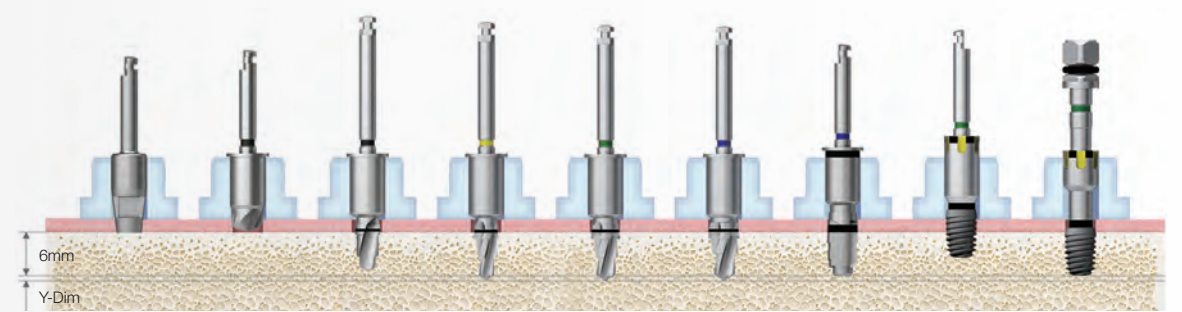
※ For extra short implants (Ø4.0, Ø4.5 / 6mm) only : TS3S4006S, TS3S4506S

Ø4.0



Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	F3.5x6				
Normal	▶	(▶)	▶	F3.5x6	F4.0x6		Implant Placement (Up to 80%)	Implant Placement
Hard	▶	(▶)	▶	F3.5x6		F4.5x6		

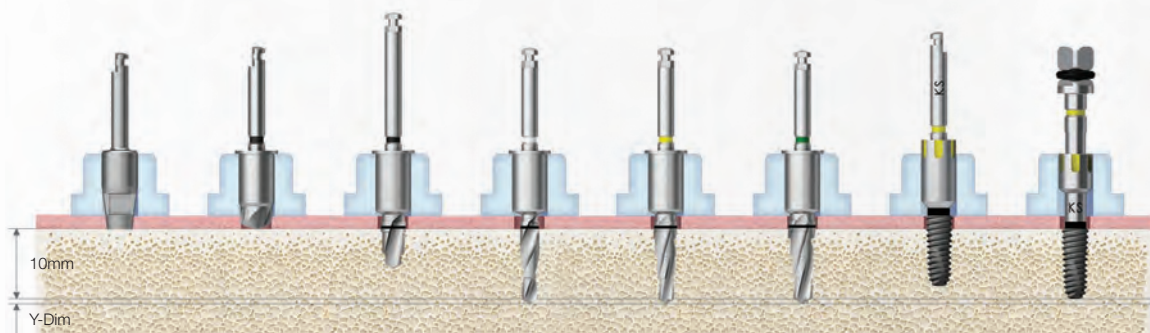
Ø4.5



Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Cortical (F4.5)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	F3.5x6	F4.0x6				
Normal	▶	(▶)	▶	F3.5x6		F4.5x6		Implant Placement (Up to 80%)	Implant Placement
Hard	▶	(▶)	▶	F3.5x6		F4.5x6	F4.5x6~8.5		

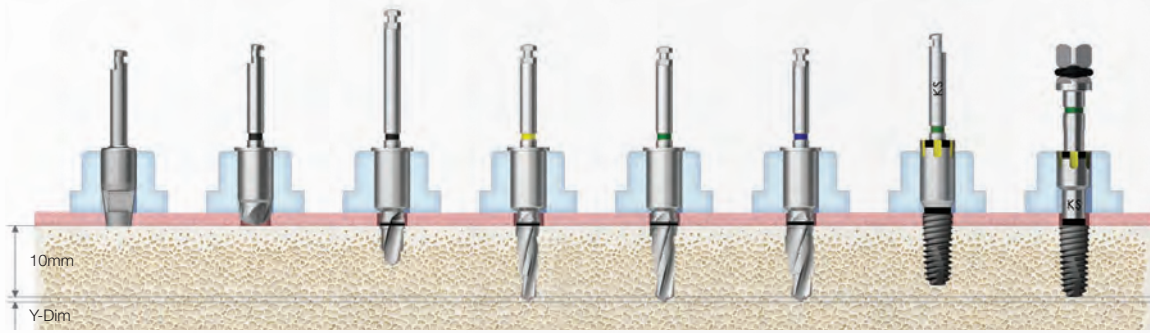
Drilling Sequence **OneGuide Drill**
TSIII | KSIII | SSIII | USIII
 (Length : 10mm)

Ø3.5



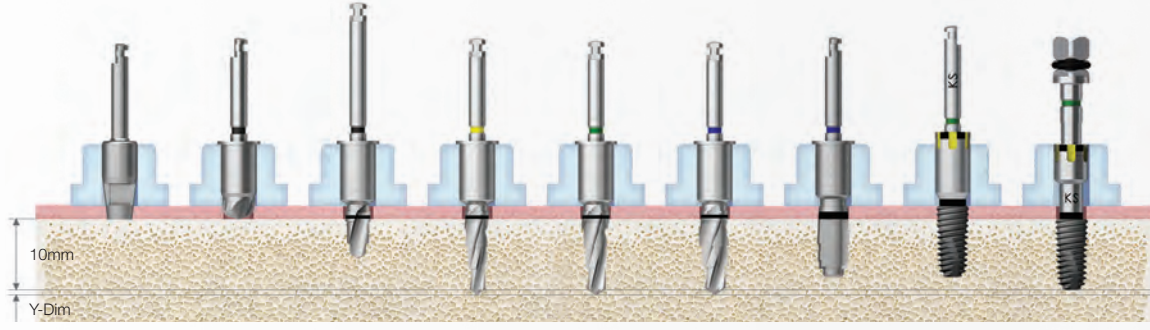
Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (Ø2.2)	Drill (F3.5)	Drill (F4.0)	Nomount Driver	Implant Driver
Soft	▶	(▶)	(F3.5 Soft) ▶	▶				
Normal	▶	(▶)	▶		▶		Implant Placement (Up to 80%)	Implant Placement
Hard	▶	(▶)	▶		▶			

Ø4.0



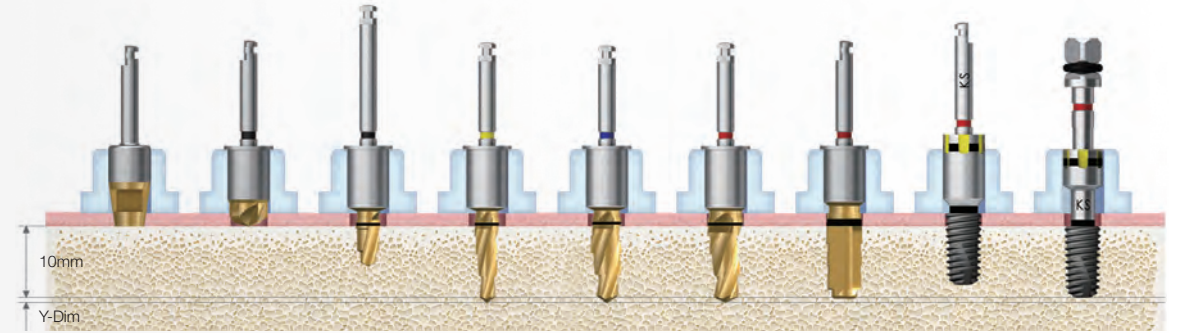
Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	▶				
Normal	▶	(▶)	▶	▶	▶		Implant Placement (Up to 80%)	Implant Placement
Hard	▶	(▶)	▶	▶		▶		

Ø4.5



Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Cortical (F4.5)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	▶	▶				
Normal	▶	(▶)	▶	▶		▶		Implant Placement (Up to 80%)	Implant Placement
Hard	▶	(▶)	▶	▶		▶	▶		

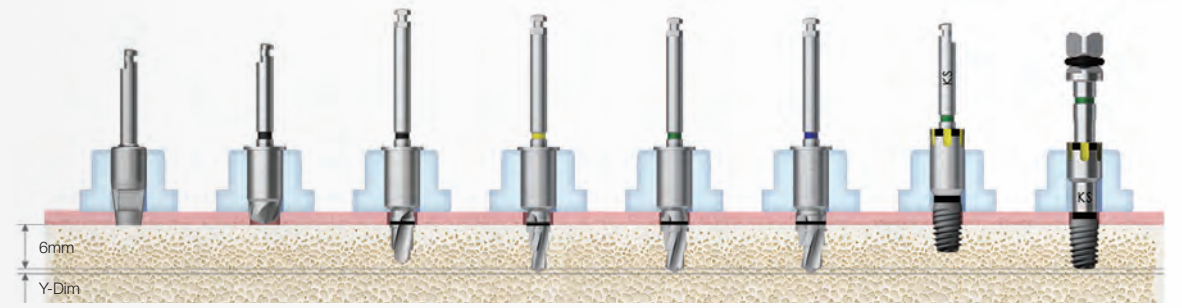
Ø5.0



Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Initial Drill (W)	Drill (W) (F3.5)	Drill (W) (F4.5)	Drill (W) (F5.0)	Cortical (W) (F5.0)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	▶	▶				
Normal	▶	(▶)	▶	▶		▶		Implant Placement (Up to 80%)	Implant Placement
Hard	▶	(▶)	▶	▶		▶	▶		

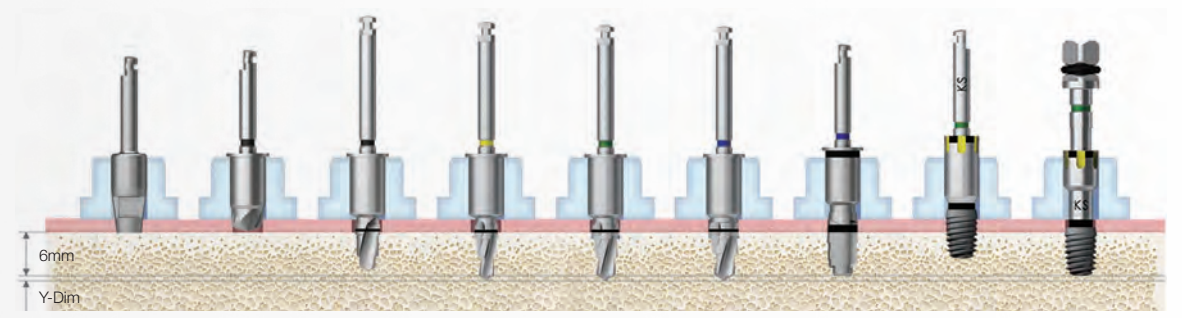
※ For extra short implants (Ø4.0, Ø4.5 / 6mm) only : KS3S4006S, KS3S4506S

Ø4.0



Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	F3.5x6				
Normal	▶	(▶)	▶	F3.5x6	F4.0x6		Implant Placement (Up to 80%)	Implant Placement
Hard	▶	(▶)	▶	F3.5x6		F4.5x6		

Ø4.5

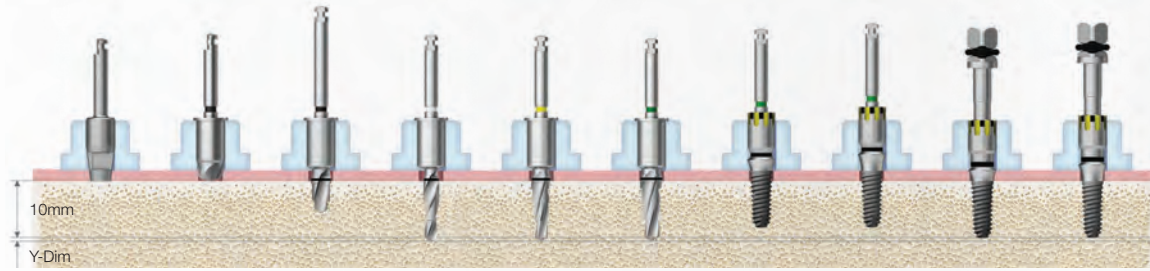


Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Cortical (F4.5)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	F3.5x6	F4.0x6				
Normal	▶	(▶)	▶	F3.5x6		F4.5x6		Implant Placement (Up to 80%)	Implant Placement
Hard	▶	(▶)	▶	F3.5x6		F4.5x6	F4.5x6~8.5		

Drilling Sequence **OneGuide Drill**
TSIII | KSIII | SSIII | USIII
 (Length : 10mm)

Ø3.5

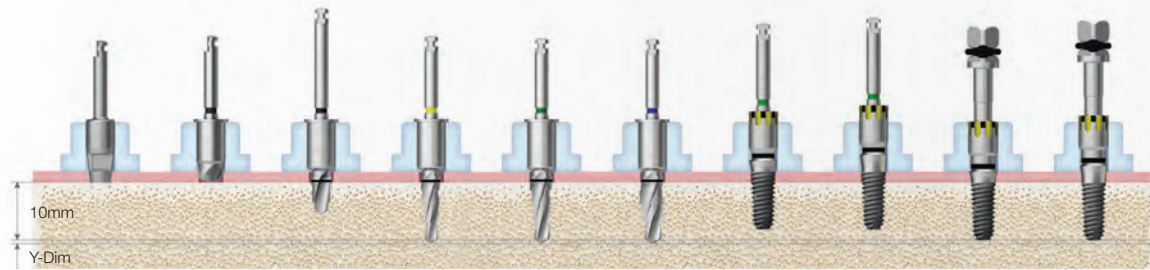
R



Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (Ø2.2)	Drill (F3.5)	Drill (F4.0)	Nomount Driver (G/H 1.8)	Nomount Driver (G/H 2.8)	Implant Driver (G/H 1.8)	Implant Driver (G/H 2.8)
Soft	▶	(▶)	(F3.5 Soft) ▶	▶						
Normal	▶	(▶)	▶		▶				Implant Placement	Implant Placement
Hard	▶	(▶)	▶		▶	▶				

Ø4.0

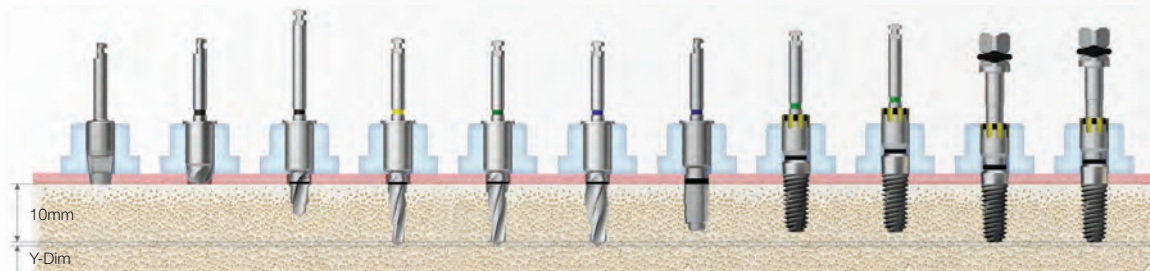
R



Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Nomount Driver (G/H 1.8)	Nomount Driver (G/H 2.8)	Implant Driver (G/H 1.8)	Implant Driver (G/H 2.8)
Soft	▶	(▶)	▶	▶						
Normal	▶	(▶)	▶	▶	▶				Implant Placement	Implant Placement
Hard	▶	(▶)	▶	▶	▶	▶				

Ø4.5

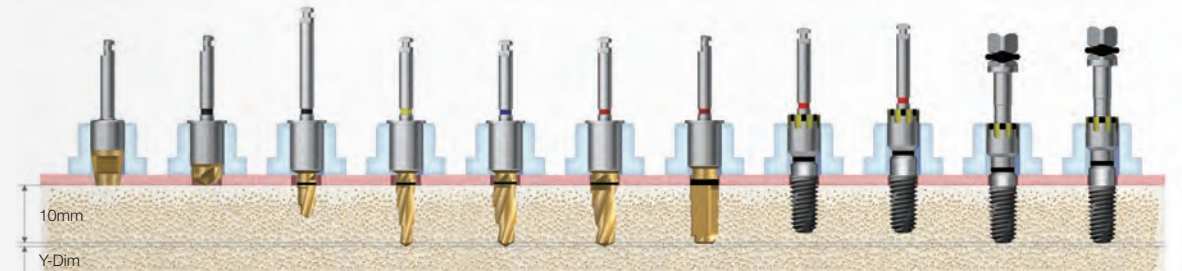
R



Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Cortical (F4.5)	Nomount Driver (G/H 1.8)	Nomount Driver (G/H 2.8)	Implant Driver (G/H 1.8)	Implant Driver (G/H 2.8)
Soft	▶	(▶)	▶	▶	▶						
Normal	▶	(▶)	▶	▶	▶					Implant Placement	Implant Placement
Hard	▶	(▶)	▶	▶	▶	▶	▶				

Ø5.0

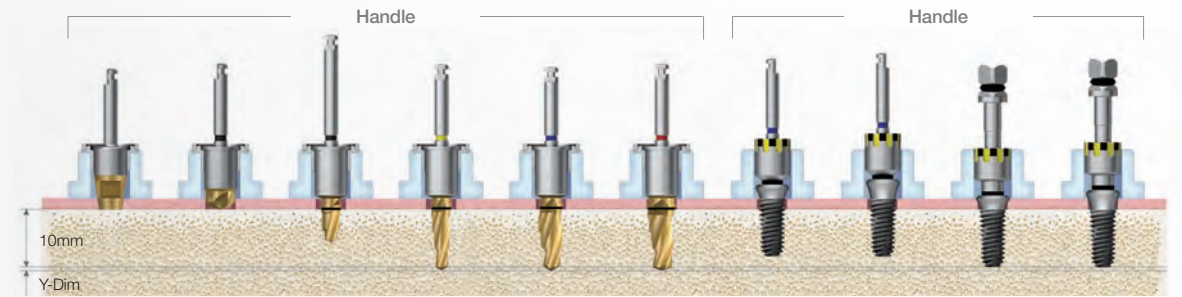
R



Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Initial Drill (W)	Drill (F3.5)	Drill (W) (F4.5)	Drill (W) (F5.0)	Cortical (W) (F5.0)	Nomount Driver (G/H 1.8)	Nomount Driver (G/H 2.8)	Implant Driver (G/H 1.8)	Implant Driver (G/H 2.8)
Soft	▶	(▶)	▶	▶	▶						
Normal	▶	(▶)	▶	▶	▶	▶				Implant Placement	Implant Placement
Hard	▶	(▶)	▶	▶	▶	▶	▶			Implant Placement (Up to 80%)	

Ø4.5

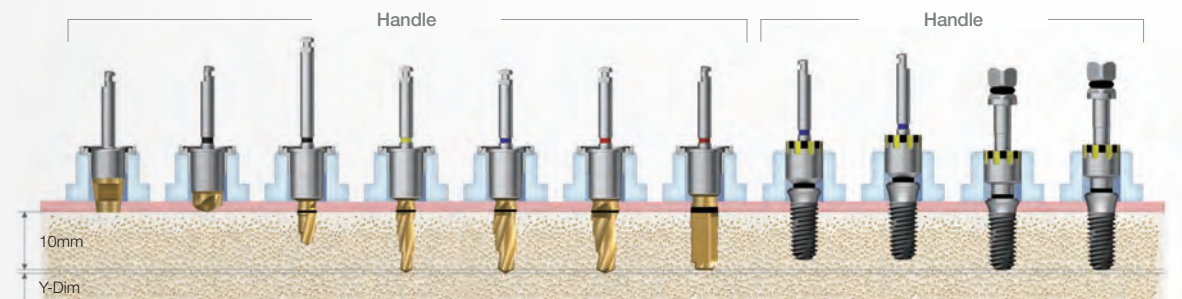
W



Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Initial Drill (W)	Drill (W) (F3.5)	Drill (W) (F4.5)	Drill (W) (F5.0)	Nomount Driver (G/H 1.8)	Nomount Driver (G/H 2.8)	Implant Driver (G/H 1.8)	Implant Driver (G/H 2.8)
Soft	▶	(▶)	▶	▶						
Normal	▶	(▶)	▶	▶	▶				Implant Placement	Implant Placement
Hard	▶	(▶)	▶	▶	▶	▶			Implant Placement (Up to 80%)	

Ø5.0

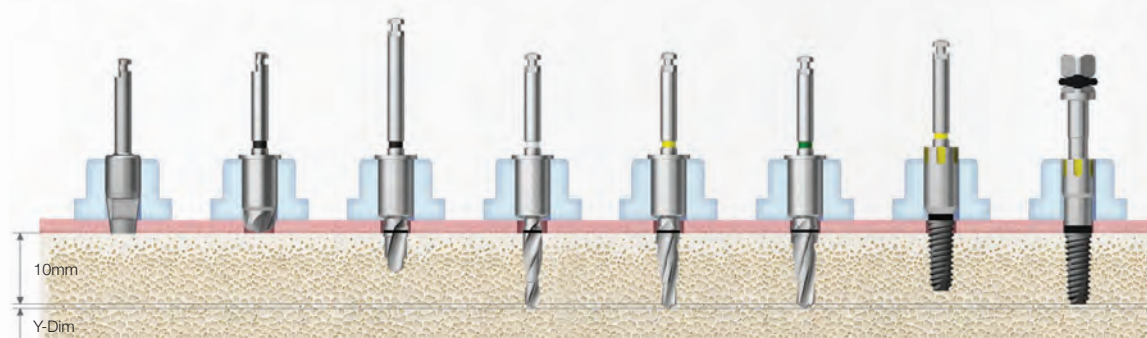
W



Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Initial Drill (W)	Drill (W) (F3.5)	Drill (W) (F4.5)	Drill (W) (F5.0)	Cortical (W) (F5.0)	Nomount Driver (G/H 1.8)	Nomount Driver (G/H 2.8)	Implant Driver (G/H 1.8)	Implant Driver (G/H 2.8)
Soft	▶	(▶)	▶	▶	▶						
Normal	▶	(▶)	▶	▶	▶	▶				Implant Placement	Implant Placement
Hard	▶	(▶)	▶	▶	▶	▶	▶			Implant Placement (Up to 80%)	

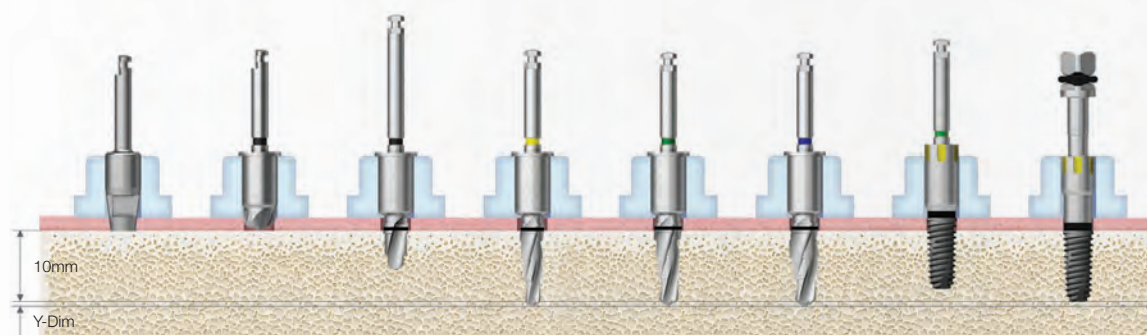
Drilling Sequence **OneGuide Drill**
TSIII | KSIII | SSIII | USIII
 (Length : 10mm)

Ø3.5



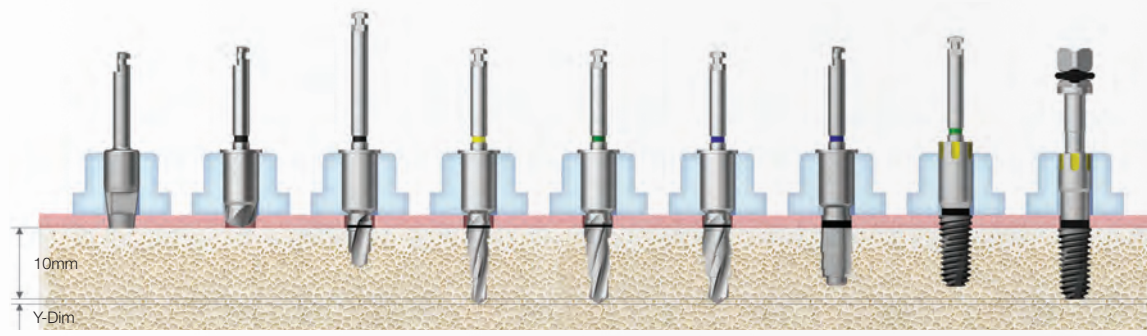
Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (Ø2.2)	Drill (F3.5)	Drill (F4.0)	Nomount Driver	Implant Driver
Soft	▶	(▶)	(F3.5 Soft) ▶	▶				
Normal	▶	(▶)	▶		▶		Implant Placement (Up to 80%)	Implant Placement
Hard	▶	(▶)	▶		▶	▶		

Ø4.0



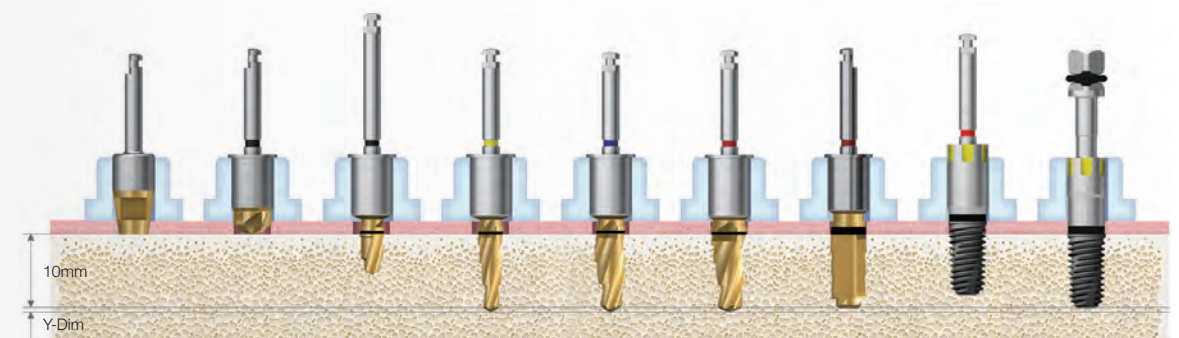
Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	▶				
Normal	▶	(▶)	▶	▶	▶		Implant Placement (Up to 80%)	Implant Placement
Hard	▶	(▶)	▶	▶		▶		

Ø4.5



Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Cortical (F4.5)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	▶	▶				
Normal	▶	(▶)	▶	▶		▶		Implant Placement (Up to 80%)	Implant Placement
Hard	▶	(▶)	▶	▶		▶	▶		

Ø5.0



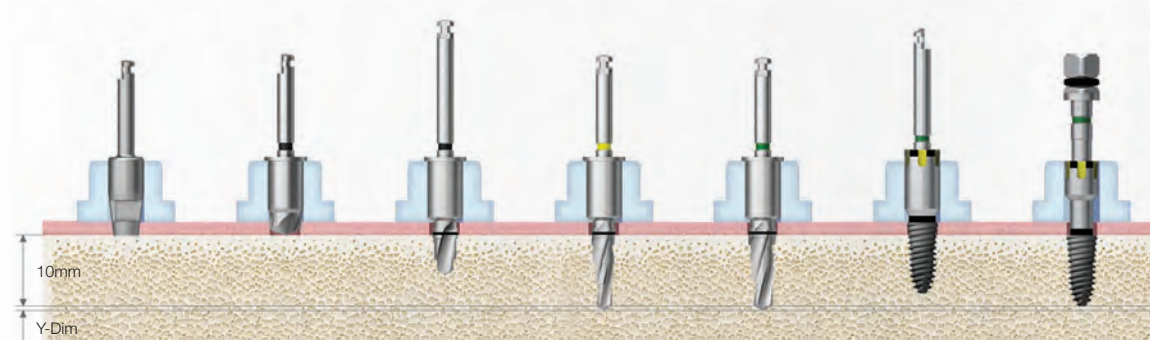
Bone Quality	Tissue Punch	Flattening Drill (W)	Initial Drill (W)	Drill (W) (F3.5)	Drill (W) (F4.5)	Drill (W) (F5.0)	Cortical (W) (F5.0)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	▶	▶				
Normal	▶	(▶)	▶	▶		▶		Implant Placement (Up to 80%)	Implant Placement
Hard	▶	(▶)	▶	▶		▶	▶		

Drilling Sequence OneGuide Drill

TSIV

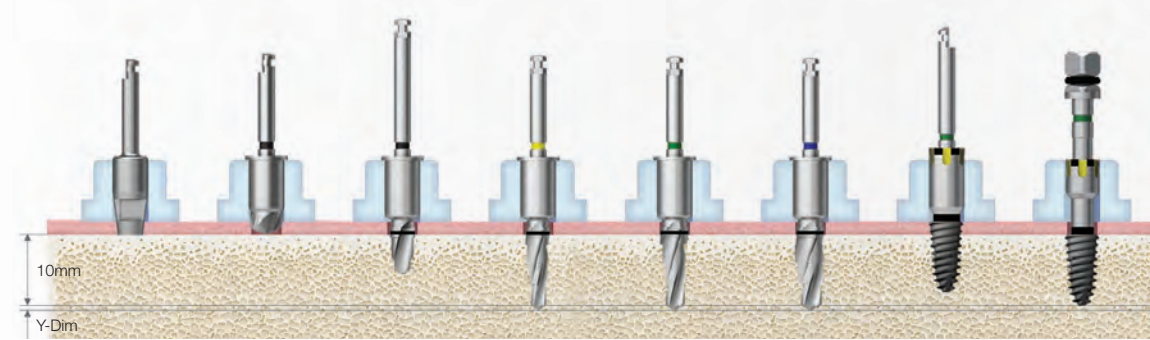
(Length : 10mm)

Ø4.0



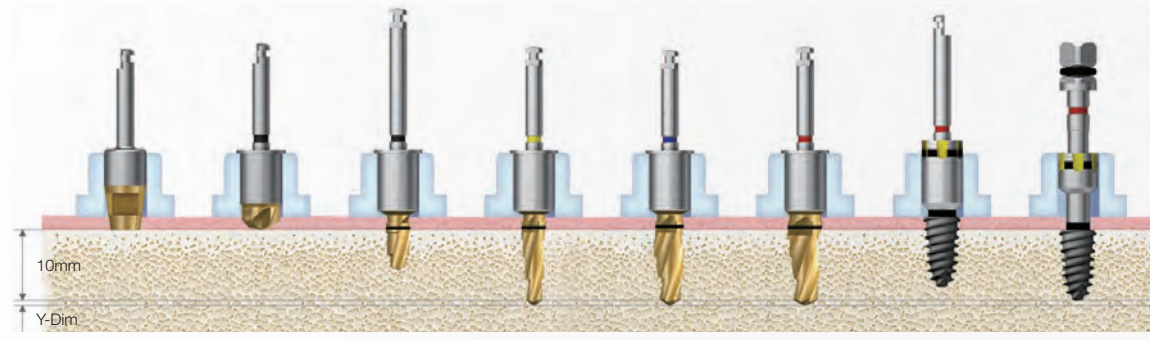
Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	▶		Implant Placement (Up to 80%)	Implant Placement
Normal	▶	(▶)	▶	▶	▶		

Ø4.5



Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	▶	▶		Implant Placement (Up to 80%)	Implant Placement
Normal	▶	(▶)	▶	▶		▶		

Ø5.0



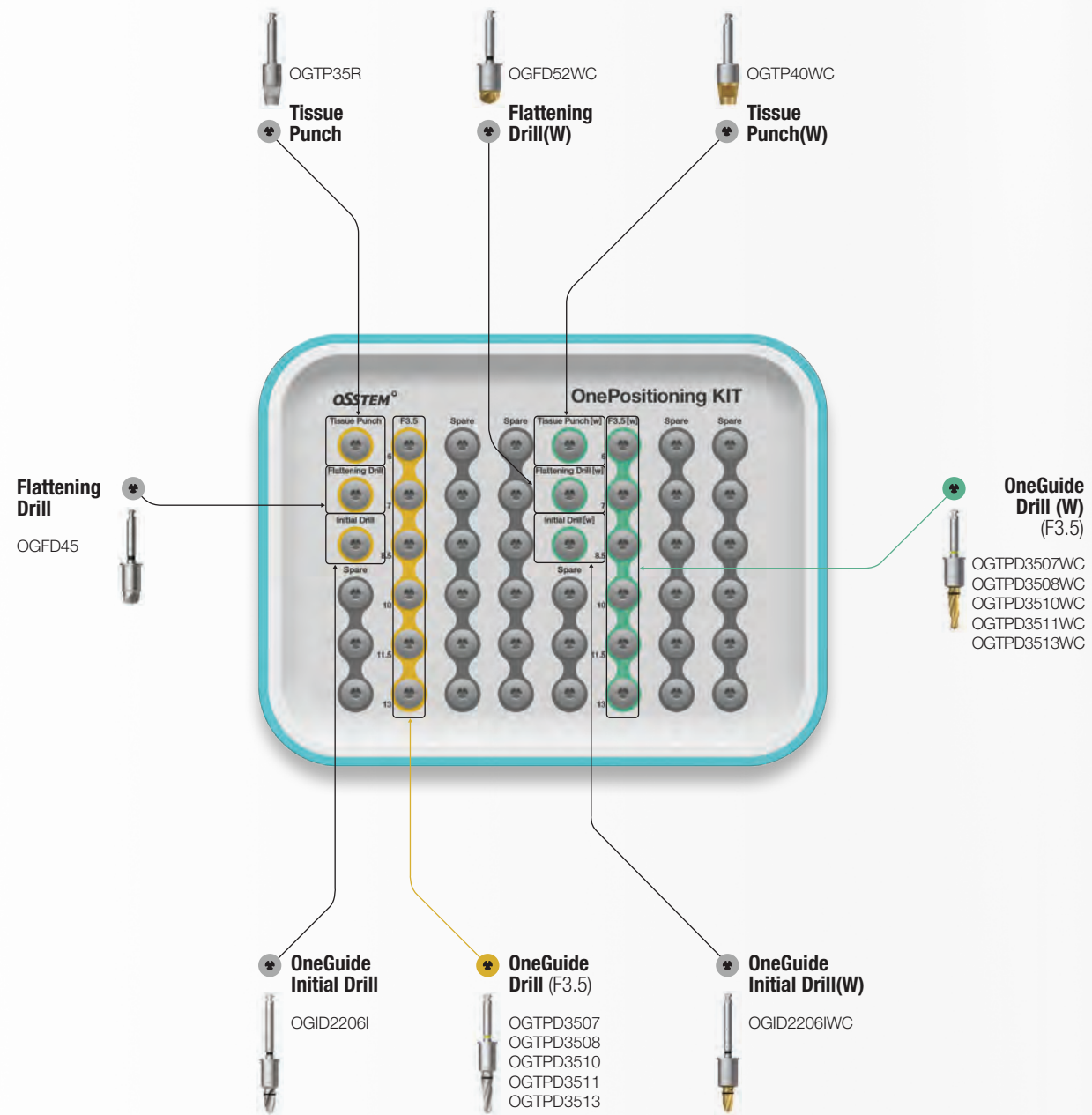
Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Initial Drill (W)	Drill (W) (F3.5)	Drill (W) (F4.5)	Drill (W) (F5.0)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	▶	▶		Implant Placement (Up to 80%)	Implant Placement
Normal	▶	(▶)	▶	▶		▶		

OSSTEM[®]
IMPLANT

OnePositioning KIT (OOPK) ²⁰¹⁹

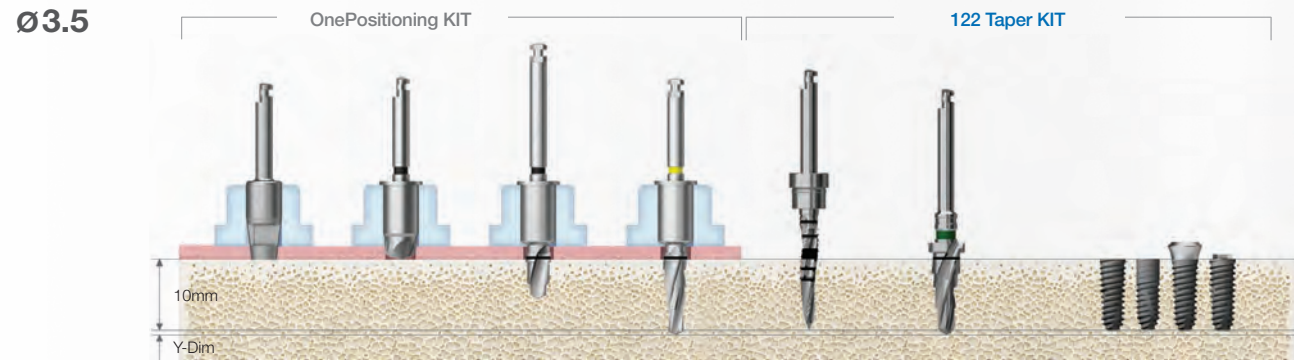
Applicable Products TSIII / IV KSIII SSIII USIII / IV III / IV Ultra-wide

- Selecting the initial placement position, path and depth using OneGuide
- Remove OneGuide after F3.5 drilling and proceed to implant placement through manual surgery

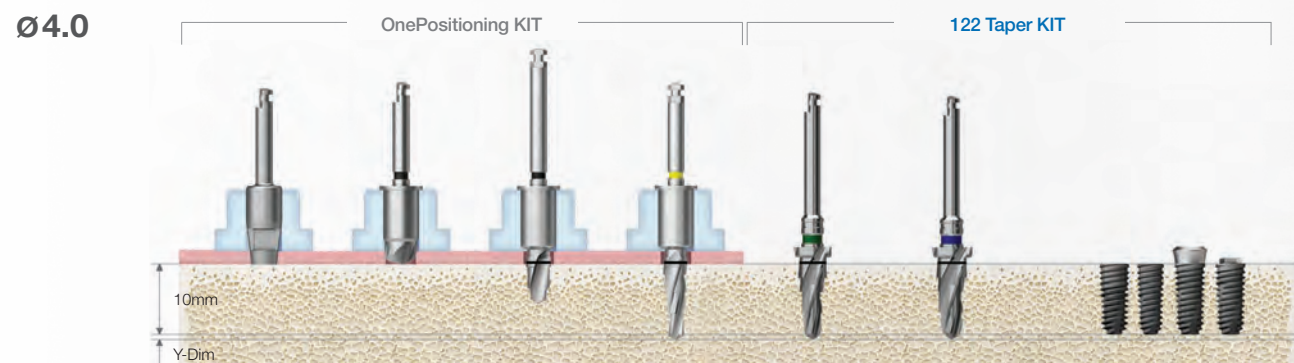


OSSTEM[®]
IMPLANT

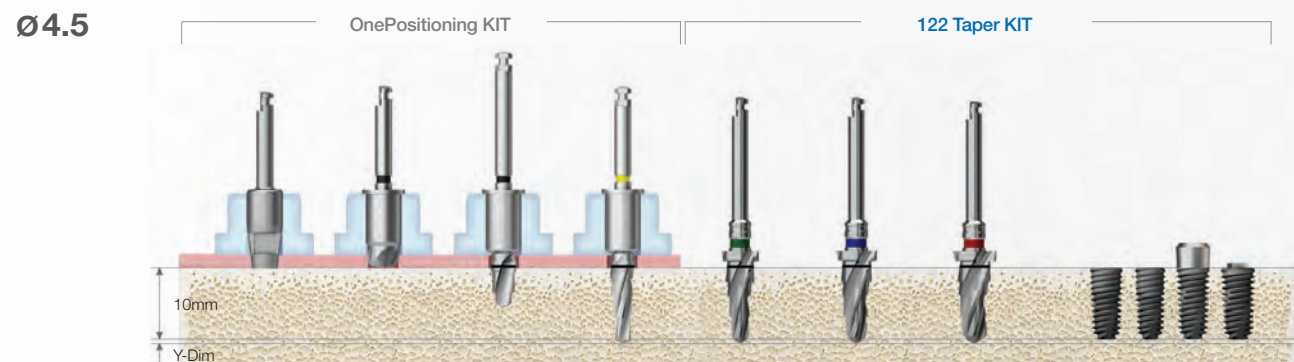
Drilling Sequence **OneGuide Drill + 122 Taper Drill**
TSIII/IV | KSIII | SSIII | USIII/IV | III/IV Ultra-wide
 (Length : 10mm)



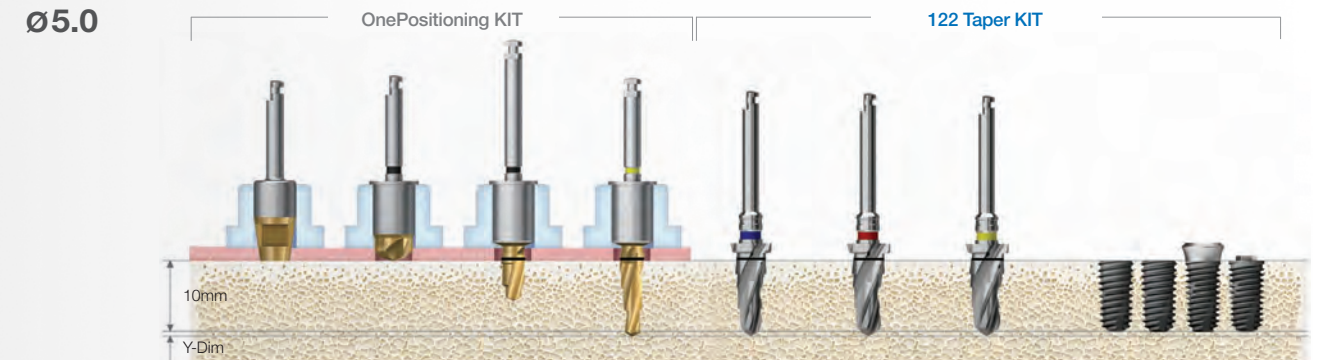
Bone Quality	Tissue Punch	Flattening	Initial	F3.5	Guide Drill	F4.0	Implant Placement
Soft	(▶)	(▶)	▶ F3.5 soft (Option)				
Normal	(▶)	(▶)	▶	▶			Implant Placement
Hard	(▶)	(▶)	▶	▶			



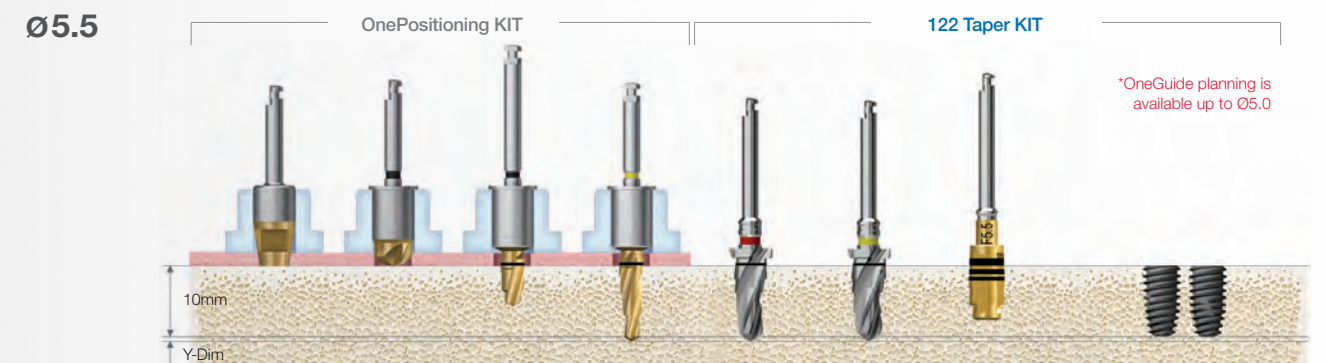
Bone Quality	Tissue Punch	Flattening	Initial	F3.5	F4.0	F4.5	Implant Placement
Soft	(▶)	(▶)	▶	▶			
Normal	(▶)	(▶)	▶	▶	▶		Implant Placement
Hard	(▶)	(▶)	▶	▶		▶	



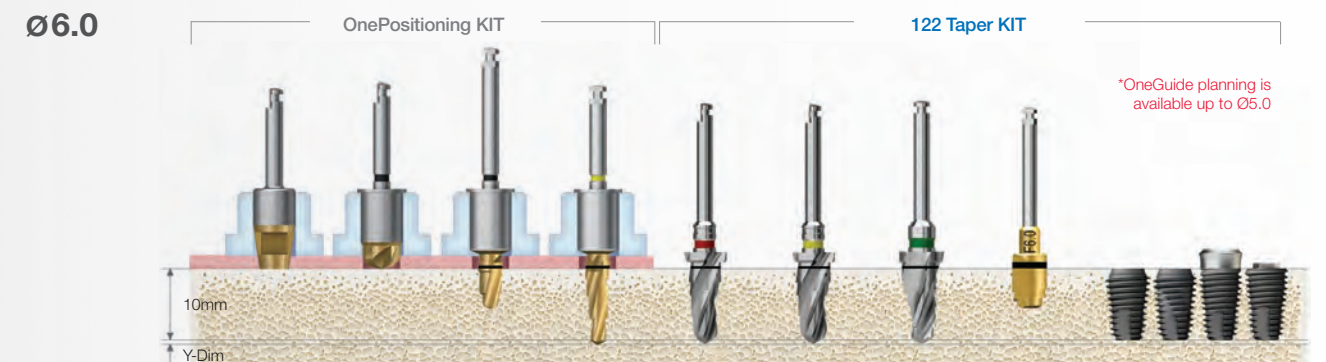
Bone Quality	Tissue Punch	Flattening	Initial	F3.5	F4.0	F4.5	F4.5	Implant Placement
Soft	(▶)	(▶)	▶	▶	▶			
Normal	(▶)	(▶)	▶	▶		▶		Implant Placement
Hard	(▶)	(▶)	▶	▶			▶	



Bone Quality	Tissue Punch (W)	Flattening (W)	Initial (W)	F3.5 (W)	F4.5	F5.0	F5.5	Implant Placement
Soft	(▶)	(▶)	▶	▶	▶			
Normal	(▶)	(▶)	▶	▶		▶		Implant Placement
Hard	(▶)	(▶)	▶	▶			▶	

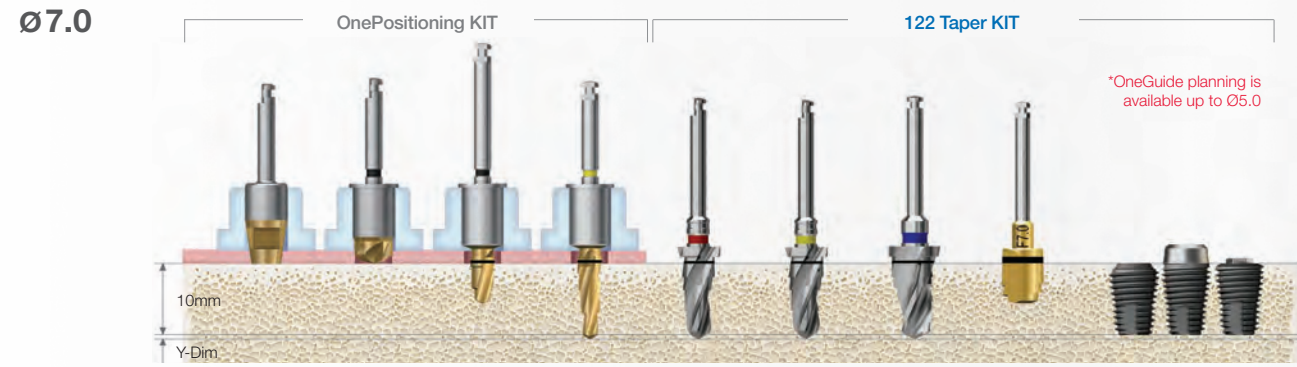


Bone Quality	Tissue Punch (W)	Flattening (W)	Initial (W)	F3.5 (W)	F5.0	F5.5	F5.5 Cortical	Implant Placement
Soft	(▶)	(▶)	▶	▶	▶			
Normal	(▶)	(▶)	▶	▶		▶		Implant Placement
Hard	(▶)	(▶)	▶	▶		▶	▶	



Bone Quality	Tissue Punch (W)	Flattening (W)	Initial (W)	F3.5 (W)	F5.0	F5.5	F6.0	F6.0 Cortical	Implant Placement
Soft	(▶)	(▶)	▶	▶	▶	▶			
Normal	(▶)	(▶)	▶	▶	▶		▶		Implant Placement
Hard	(▶)	(▶)	▶	▶	▶		▶	▶	

Drilling Sequence **OneGuide Drill + 122 Taper Drill**
TSIII/IV | KSIII | SSIII | USIII/IV | III/IV Ultra-wide
 (Length : 10mm)



Bone Density	Tissue Punch (W)	Flattening (W)	Initial (W)	F3.5 (W)	F5.0	F6.0	F7.0	F7.0 Cortical	
Soft	▶	▶	▶	▶	▶	▶			Implant Placement
Normal	▶	▶	▶	▶	▶		▶		
Hard	▶	▶	▶	▶	▶		▶	▶	

OSSTEM[®]
 IMPLANT

Applicable Products TSII / III | KSIII | SSII / III | USII / III

Bottom panel components

- Bone Carrier Head** OCBCH32, OCBCH37W
- Bone Carrier** OCBCS30
- Bone Condenser** SNBC1114

Top panel components

- Depth Gauge** OCDG
- Depth Gauge (W)** OCDGW
- Hydraulic Membrane Lifter Tube** SNMT

Drill Instruments:

- OGFD45 **Flattening Drill**
- OCD2207 / OCD2210 **Twist Drill (Ø2.2)**
- OCD2807 / OCD2810 **OneCAS Drill (Ø2.8)**
- OCD3107 / OCD3110 **OneCAS Drill (Ø3.1)**
- OCD3307 / OCD3310 **OneCAS Drill (Ø3.3)**
- OCD3607 / OCD3610 **OneCAS Drill (Ø3.6)**

Stoppers:

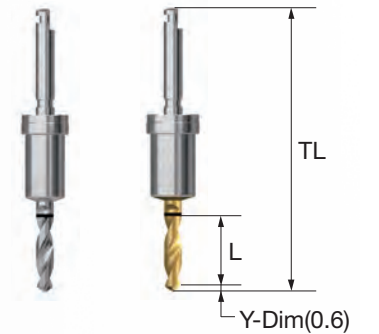
- Yellow:** OCDS01, OCDS04, OCDS07
- Purple:** OCDS02, OCDS05, OCDS08
- Blue:** OCDS03, OCDS06, OCDS09
- Purple (W):** OCDS02W, OCDS05W, OCDS08W
- Yellow (W):** OCDS01W, OCDS04W, OCDS07W
- Blue (W):** OCDS03W, OCDS06W, OCDS09W

Wider Drill Instruments:

- OCHML **OneCAS Hydraulic Membrane Lifter**
- OGFD52WC **Flattening Drill (W)**
- OCD2207WC / OCD2210WC **Twist Drill (W) (Ø2.2)**
- OCD2807WC / OCD2810WC **OneCAS Drill (W) (Ø2.8)**
- OCD3107WC / OCD3110WC **OneCAS Drill (W) (Ø3.1)**
- OCHMLW **OneCAS Hydraulic Membrane Lifter(W)**
- OCD3807WC / OCD3810WC **OneCAS Drill (W) (Ø3.8)**
- OCD4107WC / OCD4110WC **OneCAS Drill (W) (Ø4.1)**

OneCAS Twist Drill (Ø2.2)

- Drilling 1mm under the depth to sinus inferior border is recommended
- Used with a stopper for safe sinus lift
- 1mm shorter than a normal Twist Drill
- Recommended speed : 400~1,200rpm



Regular Hole (Ø5.1)

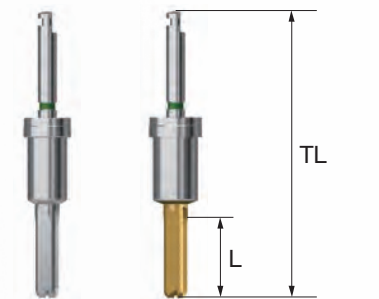
L	TL	Ø2.2
7	33.2	OCD2207
10	36.2	OCD2210

Wide Hole (Ø5.8)

L	TL	Ø2.2
7	33.2	OCD2207WC
10	36.2	OCD2210WC

OneCAS Drill

- Used with a guide of OneGuide system
- Safe lifting of the membrane for maxillary sinus procedure
- Used at low speed for autogenous bone collection
- Used with a stopper for safe sinus lift
- Recommended speed : 800rpm
- Four types of wide hole (Ø3.3, Ø3.6) drills are sold as an individual item (OCD3307WC, OCD3310WC, OCD3607WC, OCD3610WC)



Regular Hole (Ø5.1)

L	TL	Ø2.8	Ø3.1	Ø3.3	Ø3.6
7	33.6	OCD2807	OCD3107	OCD3307	OCD3607
10	36.6	OCD2810	OCD3110	OCD3310	OCD3610

Wide Hole (Ø5.8)

L	TL	Ø2.8 (W)	Ø3.1 (W)	Ø3.3 (W)	Ø3.6 (W)	Ø3.8 (W)	Ø4.1 (W)
7	33.6	OCD2807WC	OCD3107WC	OCD3307WC	OCD3607WC	OCD3807WC	OCD4107WC
10	36.6	OCD2810WC	OCD3110WC	OCD3310WC	OCD3610WC	OCD3810WC	OCD4110WC

OneCAS KIT Surgical Instruments

OneCAS Stopper

- Number marking on the stopper indicates the stopping distance for drilling or tool assembly
- In the mid panel of the KIT, protruding length marked in blue for connecting 7mm drill, and in red for 10mm drill
- Color coding applied by length
- Recommended use cycle: 50 times

Regular Hole (Ø5.1)

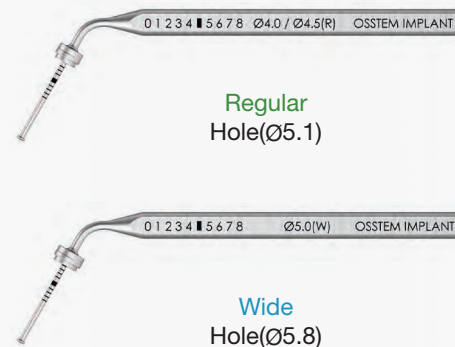


Wide Hole (Ø5.8)



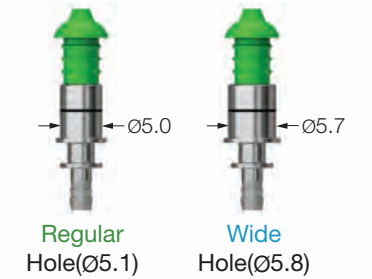
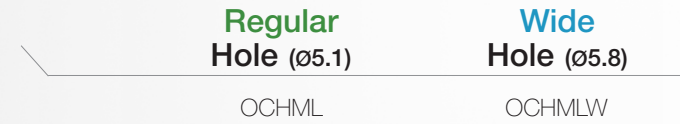
Depth Gauge

- Checking the internal lifting of sinus
- Measuring residual bone depth
- Used with a stopper for safe sinus lift
- Marking line of the same depth as 10mm drill



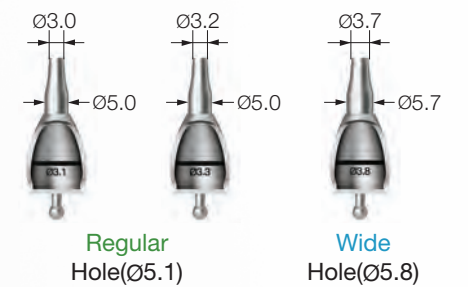
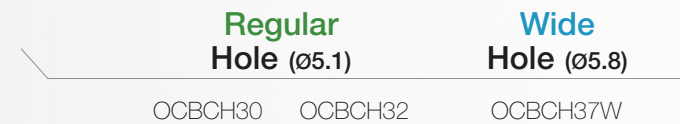
Hydraulic Membrane Lifter ^{NEW 2020}

- Hydraulic sinus membrane lifter exclusively for OneCAS KIT
- Used by placing the body until the marking line meets the upper surface of OneGuide hole
- Winged design with optimized sealing for flapless procedure



Bone Carrier Head ^{NEW 2020}

- Maxillary sinus filling instrument exclusively for OneCAS KIT
- Used by placing into the OneGuide hole to the end and fixing
- OCBCH30 : Used after drilling with OneCAS Drill Ø3.1
- OCBCH32 : Used after drilling with OneCAS Drill Ø3.3/Ø3.6
- OCBCH37W : Used after drilling with OneCAS Drill Ø3.8/Ø4.1
- Used repeatedly by filling bone material in the back of the marking line of the head and taking little by little with a bone condenser to completely fill the inside of the maxillary sinus



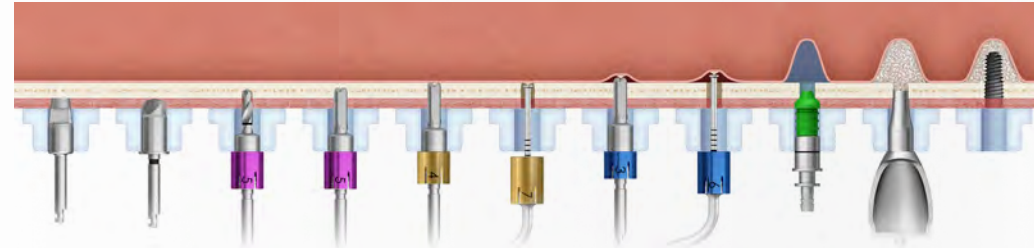
Bone Carrier ^{NEW 2020}

- Maxillary sinus bone filling instrument exclusively for OneCAS KIT
- Mounting the head by fastening the handle in the back of the body
- Replaceable head for use



Drilling Sequence OneCAS KIT

Residual bone height 3mm Ø4.0



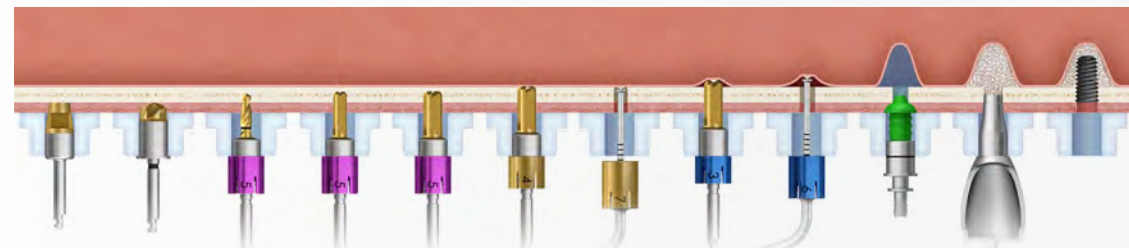
Bone Quality	Tissue Punch	Flattening Drill	Twist Drill (Ø2.2x7)	OneCAS Drill	OneCAS Drill	Depth Gauge	OneCAS Drill	Depth Gauge	Hydraulic Lifter	Bone Carrier	Implant
Soft	▶	▶	▶	Ø2.8x7	Ø2.8x7	▶	Ø2.8x7	▶	▶	▶	▶
Normal	▶	▶	▶	Ø3.1x7	Ø3.1x7	▶	Ø3.1x7	▶	▶	▶	▶
Stopper			5	5	4	7	3	6			

Residual bone height 3mm Ø4.5



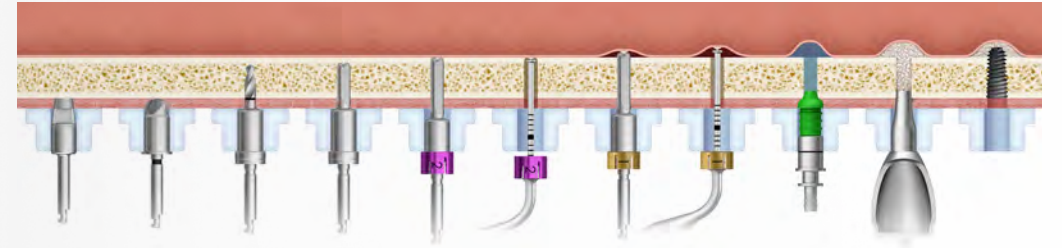
Bone Quality	Tissue Punch	Flattening Drill	Twist Drill (Ø2.2x7)	OneCAS Drill	OneCAS Drill	OneCAS Drill	Depth Gauge	OneCAS Drill	Depth Gauge	Hydraulic Lifter	Bone Carrier	Implant
Soft	▶	▶	▶	Ø2.8x7	Ø3.3x7	Ø3.3x7	▶	Ø3.3x7	▶	▶	▶	▶
Normal	▶	▶	▶	Ø3.1x7	Ø3.6x7	Ø3.6x7	▶	Ø3.6x7	▶	▶	▶	▶
Stopper			5	5	5	4	7	3	6			

Residual bone height 3mm Ø5.0



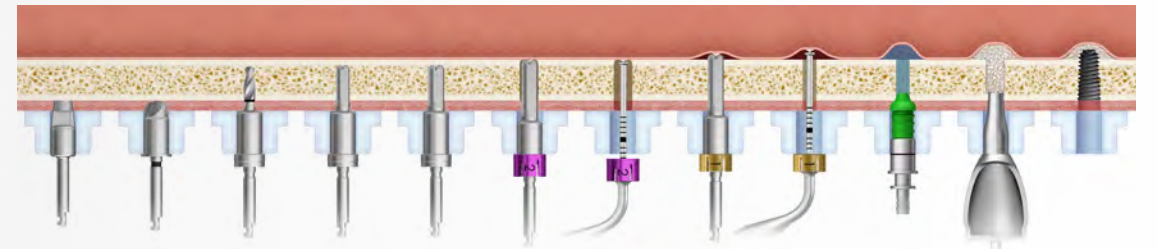
Bone Quality	Tissue Punch(W)	Flattening Drill(W)	Twist Drill (Ø2.2x7)(W)	OneCAS Drill(W)	OneCAS Drill(W)	OneCAS Drill(W)	Depth Gauge(W)	OneCAS Drill(W)	Depth Gauge(W)	Hydraulic Lifter(W)	Bone Carrier(W)	Implant
Soft	▶	▶	▶	Ø2.8x7	Ø3.8x7	Ø3.8x7	▶	Ø3.8x7	▶	▶	▶	▶
Normal	▶	▶	▶	Ø3.1x7	Ø4.1x7	Ø4.1x7	▶	Ø4.1x7	▶	▶	▶	▶
Stopper (W)			5	5	5	4	7	3	6			

Residual bone height 8mm Ø4.0



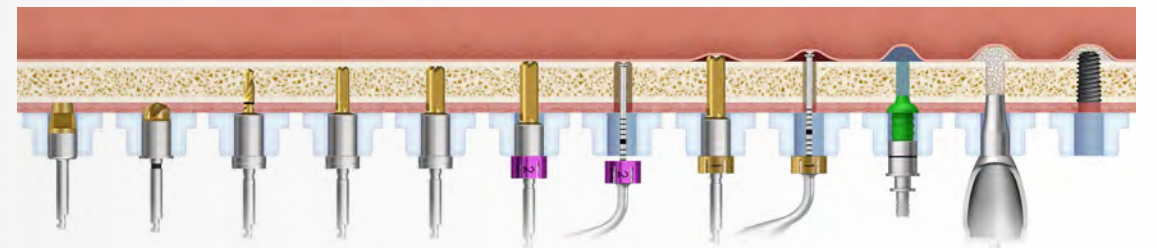
Bone Quality	Tissue Punch	Flattening Drill	Twist Drill (Ø2.2x7)	OneCAS Drill	OneCAS Drill	Depth Gauge	OneCAS Drill	Depth Gauge	Hydraulic Lifter	Bone Carrier	Implant
Soft	▶	▶	▶	Ø2.8x7	Ø2.8x10	▶	Ø2.8x10	▶	▶	▶	▶
Normal	▶	▶	▶	Ø3.1x7	Ø3.1x10	▶	Ø3.1x10	▶	▶	▶	▶
Stopper					2	2	1	1			

Residual bone height 8mm Ø4.5



Bone Quality	Tissue Punch	Flattening Drill	Twist Drill (Ø2.2x7)	OneCAS Drill	OneCAS Drill	OneCAS Drill	Depth Gauge	OneCAS Drill	Depth Gauge	Hydraulic Lifter	Bone Carrier	Implant
Soft	▶	▶	▶	Ø2.8x7	Ø3.3x7	Ø3.3x10	▶	Ø3.3x10	▶	▶	▶	▶
Normal	▶	▶	▶	Ø3.1x7	Ø3.6x7	Ø3.6x10	▶	Ø3.6x10	▶	▶	▶	▶
Stopper						2	2	1	1			

Residual bone height 8mm Ø5.0



Bone Quality	Tissue Punch(W)	Flattening Drill(W)	Twist Drill (Ø2.2x7)(W)	OneCAS Drill(W)	OneCAS Drill(W)	OneCAS Drill(W)	Depth Gauge(W)	OneCAS Drill(W)	Depth Gauge(W)	Hydraulic Lifter(W)	Bone Carrier(W)	Implant
Soft	▶	▶	▶	Ø2.8x7	Ø3.8x7	Ø3.8x10	▶	Ø3.8x10	▶	▶	▶	▶
Normal	▶	▶	▶	Ø3.1x7	Ø4.1x7	Ø4.1x10	▶	Ø4.1x10	▶	▶	▶	▶
Stopper (W)						2	2	1	1			

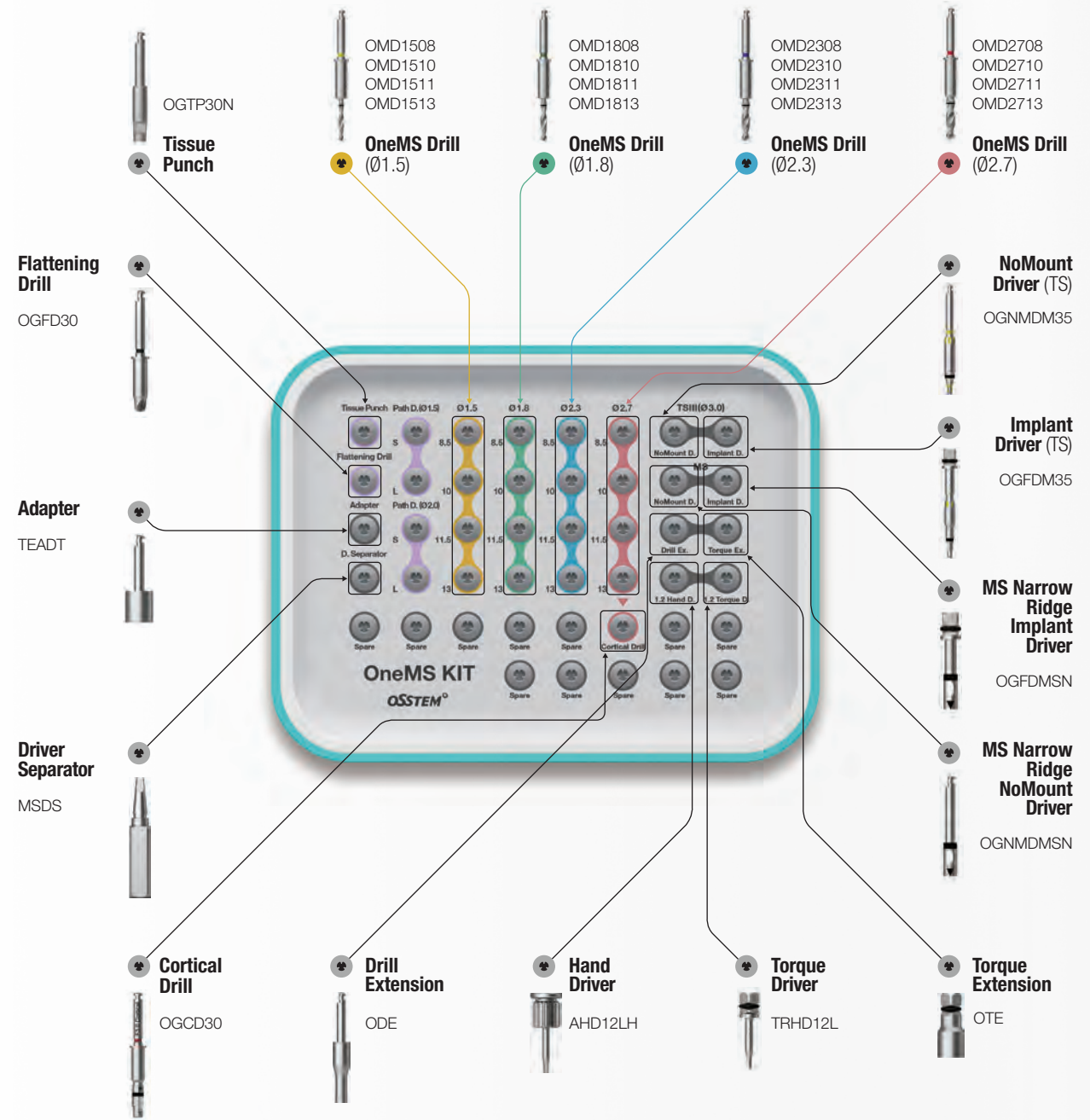
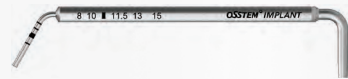
Applicable Products **TSIII** **KSIII** **MS**
 Ø3.0 Ø3.0

Top panel components

Torque Wrench
TW30B



Depth Gauge
MSDG



OneGuide Template

- Sleeveless type : 2 types, open type and close type
 - Open type can be used in cases with limited opening
- Metal sleeve type : Only close type available
 - Can be selected as an option when ordering the surgical guide
- One guide hole type available according to the diameter of narrow type implants
 - Narrow hole (Ø3.6) : MS narrow Ø2.0 / 2.5 / 3.0, TSIII Ø3.0, KSIII Ø3.0
- Double contact function for excellent implant placement accuracy
 - Double contact of the drill: drilling hole and OneGuide hole
- Simple drilling sequence based on the existing drilling sequence
- Packing unit : surgical guide
 - Option : temporary crown

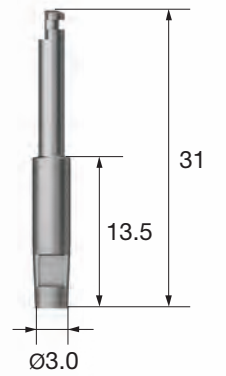


Tissue Punch **RENEWAL 2020**

- Used for removal of gingiva in flapless surgery
- Recommended speed : 800~1,200 rpm

Narrow Hole (Ø3.6)

OGTP30N

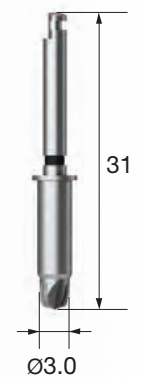


Flattening Drill

- Used for narrow or uneven ridge
- A number of cutting bits enable stable preparation without bouncing
- Recommended speed : 800~1,200 rpm

Narrow Hole (Ø3.6)

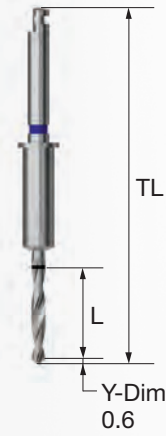
OGFD30



OneMS KIT Surgical Instruments

OneMS Drill

- Optimized straight drill for MS implant / TSIII Ø3.0, KSIII Ø3.0 implant
(For placing MS Ø2.0-3.0, TSIII Ø3.0, KSIII Ø3.0 implant)
- OneMS Cortical Drill is used for placement of TSIII Ø3.0, and KSIII Ø3.0 implants in hard bone
- It is recommended that 8.5mm Drill is used first within the same diameter for stable drilling
(Inducing double contact feature)
- Recommended speed : 800~1,200 rpm



Narrow Hole (Ø3.6)

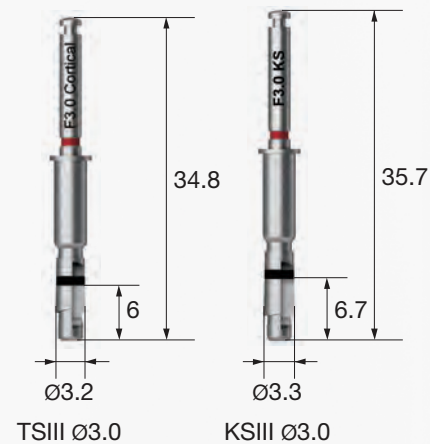
L	TL	Ø1.5	Ø1.8	Ø2.3	Ø2.7
8.5	37.5	OMD1508	OMD1808	OMD2308	OMD2708
10	39.0	OMD1510	OMD1810	OMD2310	OMD2710
11.5	40.5	OMD1511	OMD1811	OMD2311	OMD2711
13	42.0	OMD1513	OMD1813	OMD2313	OMD2713

OneMS Cortical Drill

- Drill used for removing cortical bone in hard bone
- Drill used for expanding the cortical bone after using the Straight Drill (for TSIII Ø3.0, KSIII Ø3.0 Implant only)
- Recommended speed : 800~1,200 rpm
- Product sold as an individual item : KSIII Ø3.0

Narrow Hole (Ø3.6)

TSIII Ø3.0	OGCD30
KSIII Ø3.0	OGCD30K



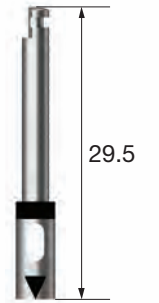
MS Narrow Ridge NoMount Driver

- Used for placing an MS Implant Narrow Ridge
- Used by matching the triangular marking with the implant cross section

Narrow Hole (Ø3.6)

MS Narrow Ridge
Ø2.0 / Ø2.5 / Ø3.0

OGNMDMSN



NoMount Driver

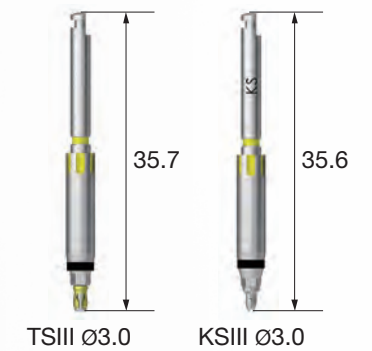
- TSIII Ø3.0, KSIII Ø3.0 Used for placing NoMount Implant
- Placement up to 80% of the planned implant placement depth is recommended
- Product sold as an individual item : KSIII Ø3.0

Narrow Hole (Ø3.6)

TSIII Ø3.0
KSIII Ø3.0

OGNMDM35

OGNMDM35K



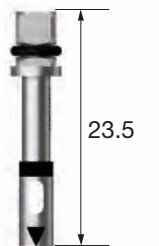
MS Narrow Ridge Implant Driver

- MS implant narrow ridge Used by assembling to a wrench for adjusting the final placement depth
- Used by matching the triangular marking with the implant cross section
- Placing up to the marking line bottom for G/H 4.0

Narrow Hole (Ø3.6)

MS Narrow Ridge
Ø2.0 / Ø2.5 / Ø3.0

OGFDMSN



OneMS KIT Surgical Instruments

Implant Driver

- Ø3.0 implant Used by assembling to a wrench for adjusting the final placement depth
- Yellow groove formed to align the abutment hex direction
- Checked by matching the groove of OneGuide with the groove of the driver
- Product sold as an individual item : KSIII Ø3.0

Narrow Hole (Ø3.6)

TSIII Ø3.0	OGFDM35
KSIII Ø3.0	OGFDM35K



Implant Driver (Stopper Type) NEW 2020

- Featuring stopper design to prevent entry below the upper surface of OneGuide hole
- Sold as an individual item
- C = Connection

Narrow Hole (Ø3.6) Mini

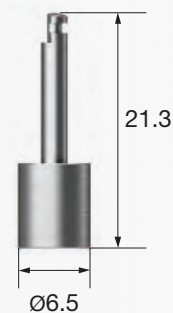
C	OGFDSM35
TSIII Ø3.0	



Adapter

- Adapter enabling the driver for Torque Wrench to be used for engine

TEADT



Driver Separator

- When the driver is caught and stuck after MS Implant placement, insert the driver separator into the driver groove and remove it by using the lever principle

MSDS

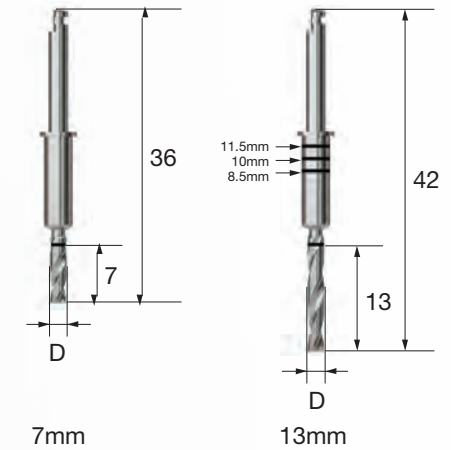


OneMS Path Drill 2018.12

- Drill for correction of the path deviation during OneGuide surgery
- Used for formation of implant placement path for extraction case
- Flat blade design optimized for cutting inclined bones
- 2 types for each drill diameter, 4 types in total : narrow hole(Ø3.6)
- For 13mm product, depth is adjusted according to the marking line (Top line : 11.5mm, Mid line : 10mm, Bottom line : 8.5mm)
- Recommended speed : 1,200~1,500 rpm

Narrow Hole (Ø3.6)

L \ D	Ø1.5	Ø2.0
7.0	OMSD1507	OMSD2007
13.0	OMSD1513	OMSD2013

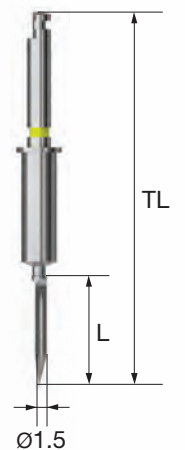


OneMS Lance Drill

- Forming a hole in bone to facilitate initial drilling
- Bone density can be checked through drilling
- Sold as an individual item
- Recommended speed : 800~1,200 rpm

Narrow Hole (Ø3.6)

L \ TL	Ø1.5
8.5 37.5	OMLD1508
10 39.0	OMLD1510
11.5 40.5	OMLD1511
13 42.0	OMLD1513



Drilling Sequence OneMS Drill

TSIII(Ø3.0) | KSIII(Ø3.0) | MS

(Length : 10mm)

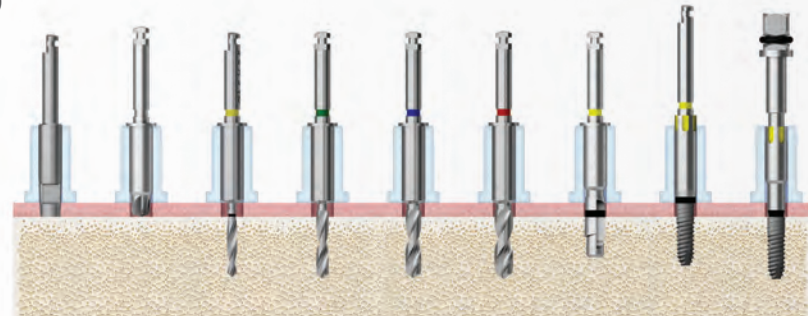
For drilling sequence of Implant 10 / 11.5 / 13mm, 8.5mm drill must precede for each step

Ex. Ø2.5x11.5mm MS implant

: Tissue punch ▶ Flattening drill ▶ Ø1.8x8.5mm (Must precede) ▶ Ø1.8x11.5mm ▶ NoMount driver ▶ Implant driver

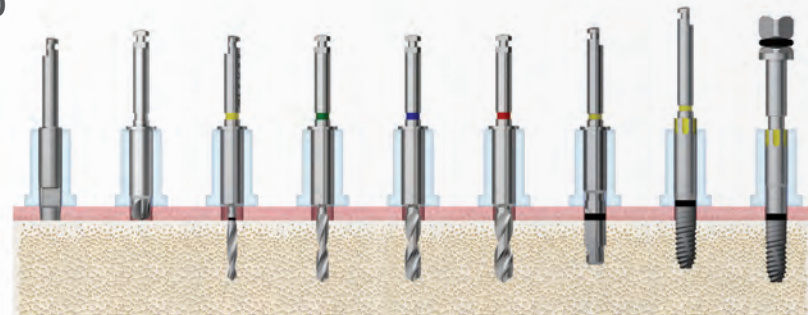
※ Ø1.5 Drill(Optional) : Used as an option for stable initial drilling

TSIII Ø3.0



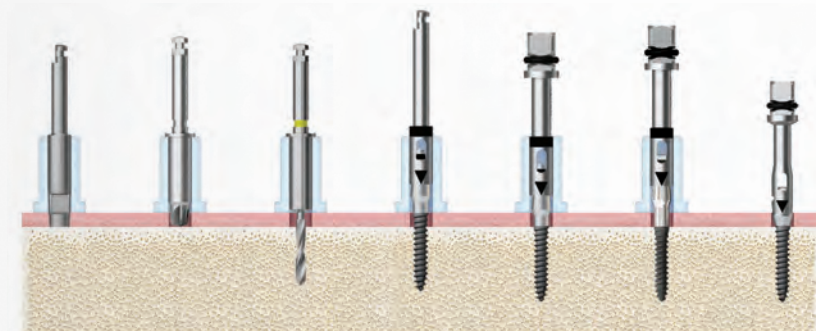
Bone Quality	Tissue Punch	Flattening Drill	OneMS Drill (Ø1.5)	OneMS Drill (Ø1.8)	OneMS Drill (Ø2.3)	OneMS Drill (Ø2.7)	F3.0 Cortical Drill	NoMount Driver	Implant Driver
Soft	▶	(▶)	(▶)	▶	▶			▶	▶
Normal	▶	(▶)	(▶)	▶	▶	▶		▶	▶
Hard	▶	(▶)	(▶)	▶	▶	▶	▶	▶	▶

KSIII Ø3.0



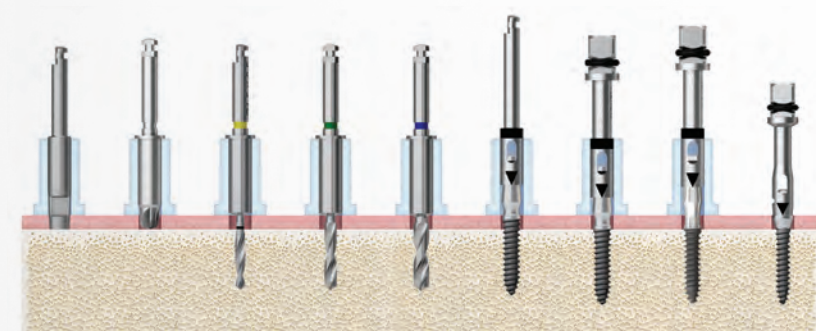
Bone Quality	Tissue Punch	Flattening Drill	OneMS Drill (Ø1.5)	OneMS Drill (Ø1.8)	OneMS Drill (Ø2.3)	OneMS Drill (Ø2.7)	F3.0 Cortical Drill	NoMount Driver	Implant Driver
Soft	▶	(▶)	(▶)	▶	▶			▶	▶
Normal	▶	(▶)	(▶)	▶	▶	▶		▶	▶
Hard	▶	(▶)	(▶)	▶	▶	▶	▶	▶	▶

MS Ø2.0



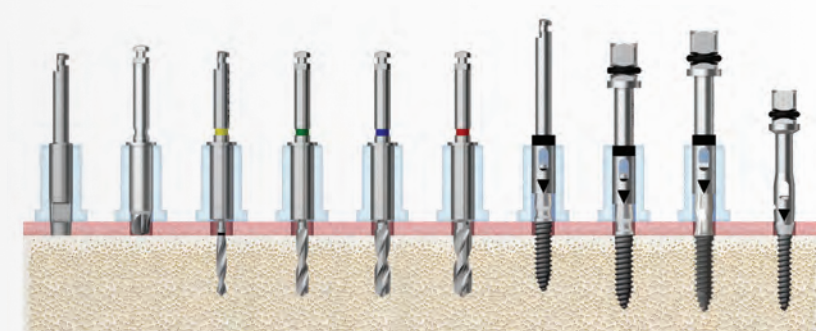
Bone Quality	Tissue Punch	Flattening Drill	OneMS Drill (Ø1.5)	NoMount Driver	Implant Driver		
					G/H 2.5	G/H 4.0	Denture
Soft	▶	(▶)	▶	▶		▶	
Normal	▶	(▶)	▶	▶		▶	
Hard	▶	(▶)	▶	▶		▶	

MS Ø2.5



Bone Quality	Tissue Punch	Flattening Drill	OneMS Drill (Ø1.5)	OneMS Drill (Ø1.8)	OneMS Drill (Ø2.3)	NoMount Driver	Implant Driver		
							G/H 2.5	G/H 4.0	Denture
Soft	▶	(▶)	(▶)	▶	-	▶		▶	
Normal	▶	(▶)	(▶)	▶	-	▶		▶	
Hard	▶	(▶)	(▶)	▶	(▶)	▶		▶	

MS Ø3.0



Bone Quality	Tissue Punch	Flattening Drill	OneMS Drill (Ø1.5)	OneMS Drill (Ø1.8)	OneMS Drill (Ø2.3)	OneMS Drill (Ø2.7)	NoMount Driver	Implant Driver		
								G/H 2.5	G/H 4.0	Denture
Soft	▶	(▶)	(▶)	▶	-	-	▶		▶	
Normal	▶	(▶)	(▶)	▶	-	-	▶		▶	
Hard	▶	(▶)	(▶)	▶	▶	(▶)	▶		▶	

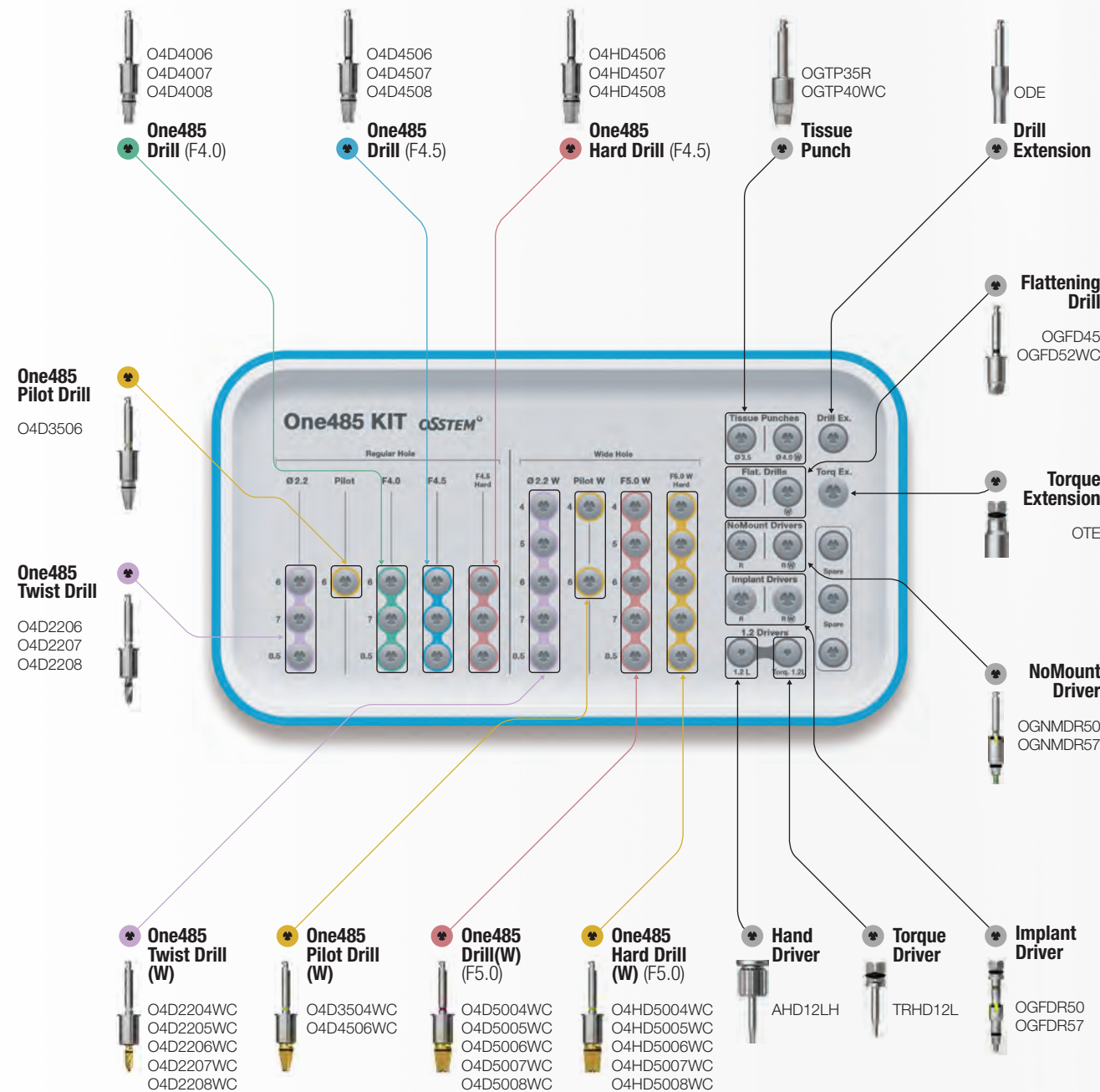
Applicable Products **TSIII** **KSIII** **SSIII** **USIII**

Top panel components

Torque Wrench
TW30B

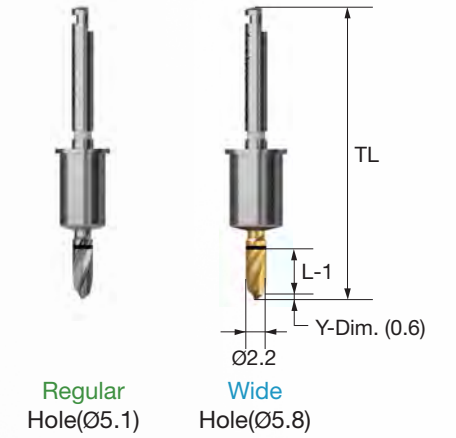


Depth Gauge
OSDG



One485 Twist Drill

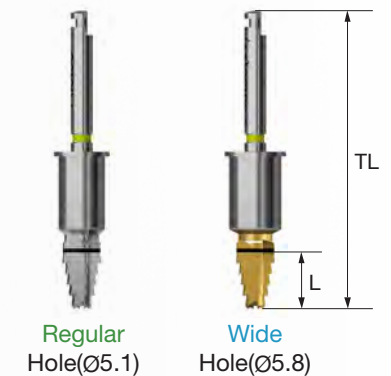
- Initial drill for determining the placement position and securing the guide depth of the subsequent drill
- Drilling with a straight blade up to -1mm of the implant placement depth
- Available in 8 types in total according to the diameter of OneGuide hole
 - Regular hole (Ø5.1) / Wide hole (Ø5.8)
- Recommended speed : 800~1,200rpm



L	TL	Regular Hole (Ø5.1)	Wide Hole (Ø5.8)
		F4.0 / F4.5	F5.0W
4.0	30.2	-	O4D2204WC
5.0	31.2	-	O4D2205WC
6.0	32.2	O4D2206	O4D2206WC
7.0	33.2	O4D2207	O4D2207WC
8.5	34.7	O4D2208	O4D2208WC

One485 Pilot Drill

- Intermediate drill for expansion of hole diameter
- Tip blade in the shape of 485 Drill, and the side blade in the shape of tapered drill
- Available in 3 types in total according to the diameter of OneGuide hole
 - Regular hole (Ø5.1) / Wide hole (Ø5.8)
- 4mm drill used for implant lengths of 4-5mm, and 6mm drill used for implant lengths of 6~8.5mm
- Recommended speed : 800~1,200rpm



L	TL	Regular Hole (Ø5.1)	Wide Hole (Ø5.8)
		F4.5	F5.0W
4.0	30.9	-	O4D3504WC
6.0	32.9	O4D3506	O4D3506WC

One485 KIT Surgical Instruments

One485 Drill

- Final drill for final expansion and placement torque optimization
- Tip blade in the shape of 485 Drill, and the side blade in the shape of tapered drill
- Available in 19 types in total according to the diameter of OneGuide hole
 - Regular hole (Ø5.1) / Wide hole (Ø5.8)
- F4.5 and F5.0 hard drill used for placement of F4.5 and F5.0 implants in hard bone,
- Recommended speed : 800~1,200rpm



Regular Hole (Ø5.1)

L	TL	F4.0	F4.5	F4.5 Hard
6.0	32.9	O4D4006	O4D4506	O4HD4506
7.0	33.9	O4D4007	O4D4507	O4HD4507
8.5	35.4	O4D4008	O4D4508	O4HD4508

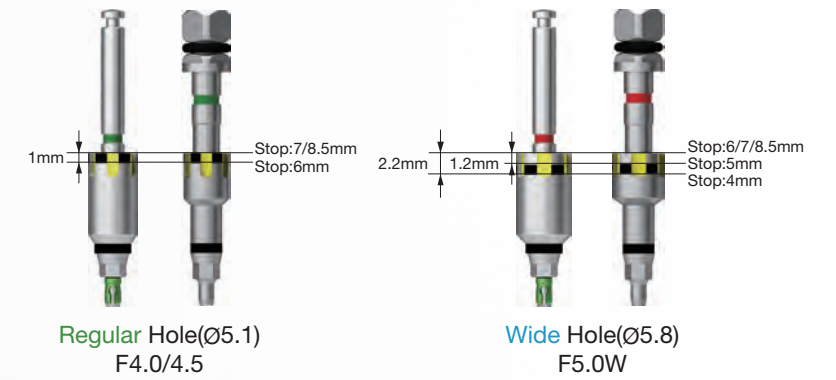
Wide Hole (Ø5.8)

L	TL	F5.0 (W)	F5.0 (W) Hard
4.0	30.9	O4D5004WC	O4HD5004WC
5.0	31.9	O4D5005WC	O4HD5005WC
6.0	32.9	O4D5006WC	O4HD5006WC
7.0	33.9	O4D5007WC	O4HD5007WC
8.5	35.4	O4D5008WC	O4HD5008WC

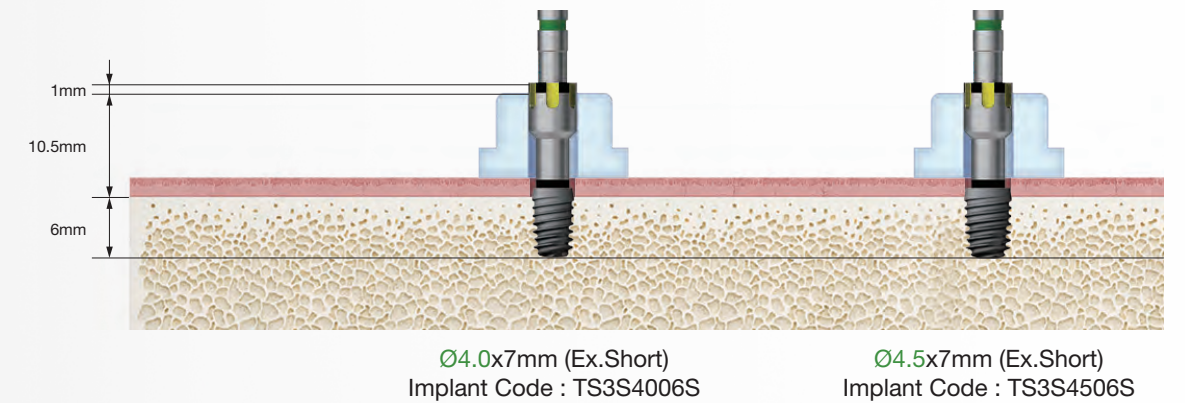
One485 KIT

Placement Depth Adjustment : (The same concept applies to TSIII and KSIII)

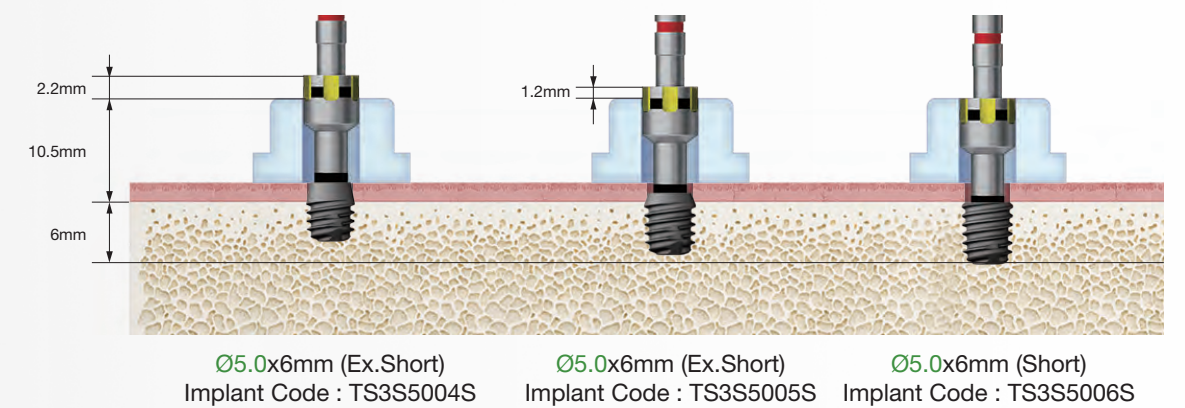
NoMount / Implant Driver characteristics



Ø4.0/Ø4.5x7mm(Ex.Short) Placement Guide

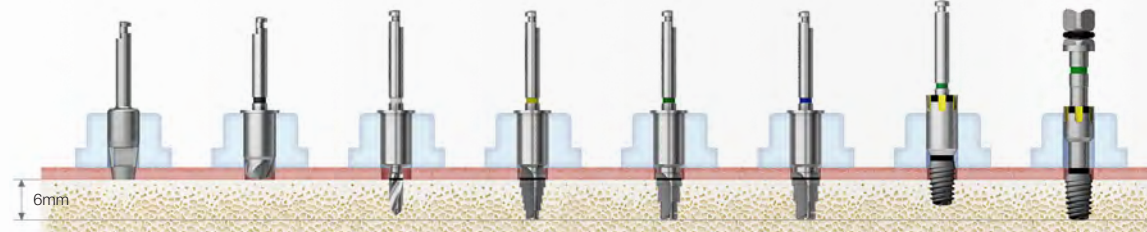


Ø5.0x6mm(Ex.Short) Placement Guide



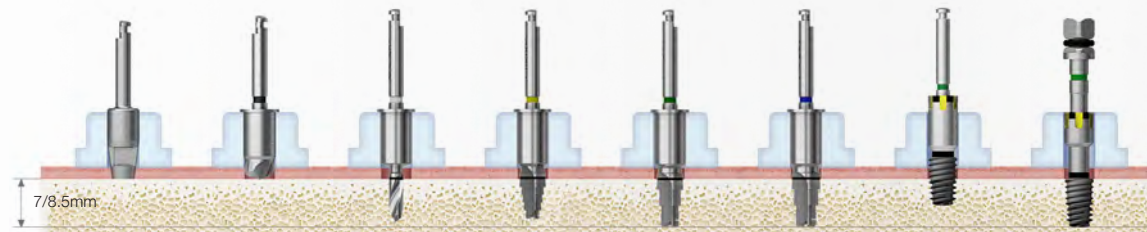
Drilling Sequence **One485 Drill**
TSIII | KSIII | SSIII | USIII

Extra Short
Ø4.0 x 7mm



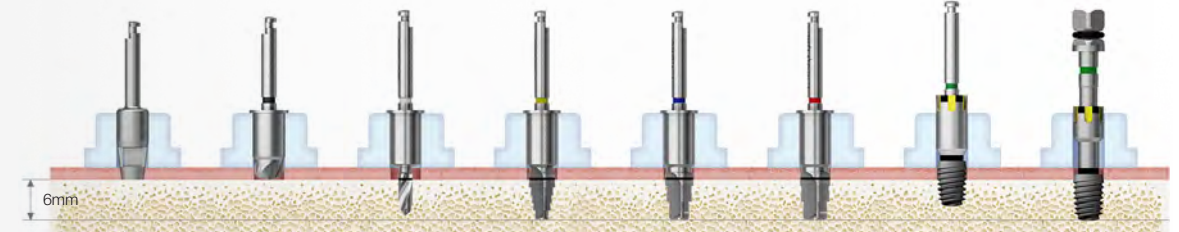
Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Drill	NoMount Driver	Implant Driver
Ø4.0x7mm (Extra Short)	Normal	▶	(▶)	Ø2.2x6	Ø3.5x6	F4.0x6		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x6	Ø3.5x6		F4.5x6		

Ø4.0 x 7/8.5mm



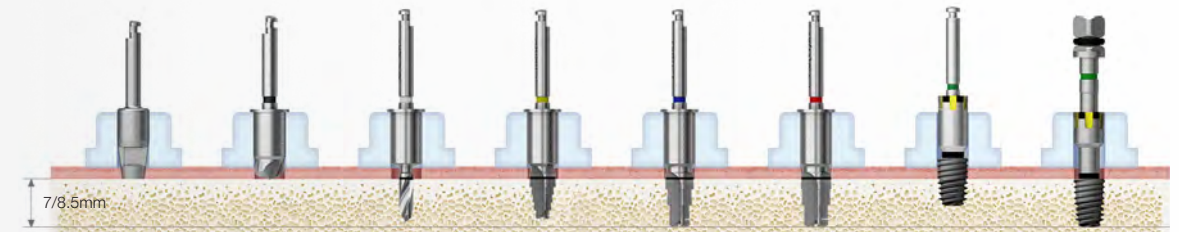
Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Drill	NoMount Driver	Implant Driver
Ø4.0x 7/8.5mm	Normal	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6	F4.0x7/8.5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6		F4.5x7/8.5		

Extra Short
Ø4.5 x 7mm



Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Hard Drill	NoMount Driver	Implant Driver
Ø4.5x7mm (Extra Short)	Normal	▶	(▶)	Ø2.2x6	Ø3.5x6	F4.5x6		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x6	Ø3.5x6		F4.5x6		

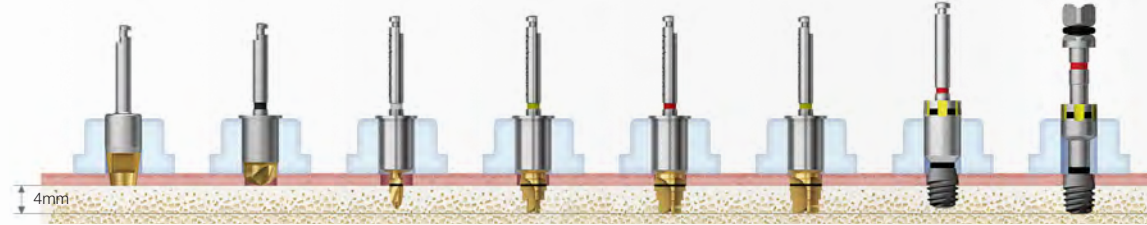
Ø4.5 x 7/8.5mm



Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Hard Drill	NoMount Driver	Implant Driver
Ø4.5x 7/8.5mm	Normal	▶	(▶)	Ø2.2x7/8.5	Ø3.5 x 6	F4.5x7/8.5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x7/8.5	Ø3.5 x 6		F4.5x7/8.5		

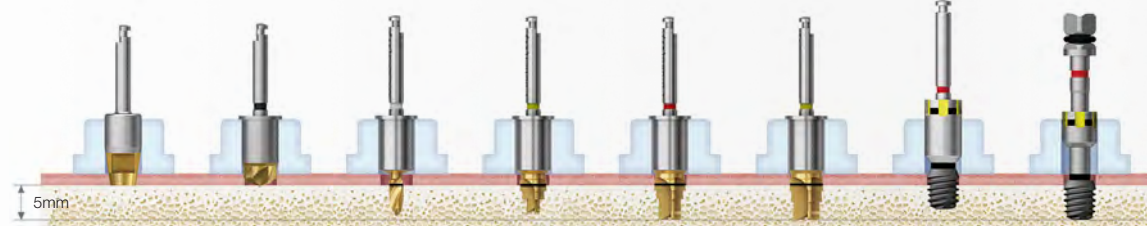
Drilling Sequence **One485 Drill**
TSIII | KSIII | SSIII | USIII

Extra Short
Ø5.0 x 6mm



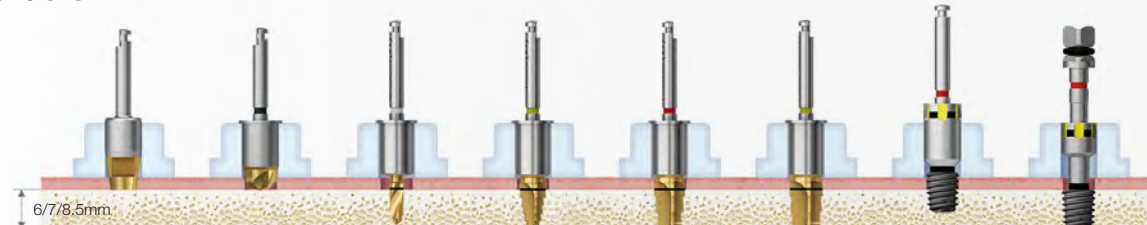
Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)
Ø5.0x6mm (Extra Short)	Normal	▶	(▶)	Ø2.2x4	Ø3.5x4	F5.0x4		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x4	Ø3.5x4		F5.0x4		

Extra Short
Ø5.0 x 6mm



Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)
Ø5.0x6mm (Extra Short)	Normal	▶	(▶)	Ø2.2x5	Ø3.5x4	F5.0x5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x5	Ø3.5x4		F5.0x5		

Ø5.0 x 6/7/8.5mm

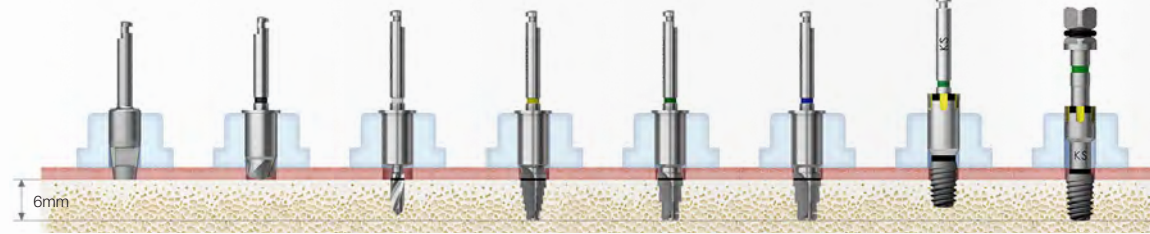


Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)
Ø5.0x 6/7/8.5mm	Normal	▶	(▶)	Ø2.2x6/7/8.5	Ø3.5x6	F5.0x6/7/8.5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x6/7/8.5	Ø3.5x6		F5.0x6/7/8.5		

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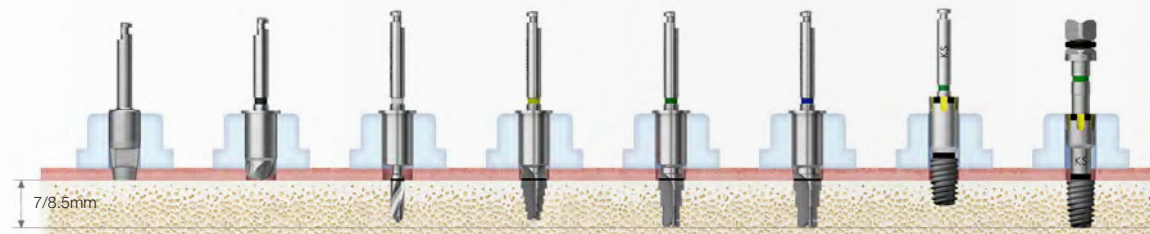
Drilling Sequence **One485 Drill**
TSIII | KSIII | SSIII | USIII

Extra Short
Ø4.0 x 7mm



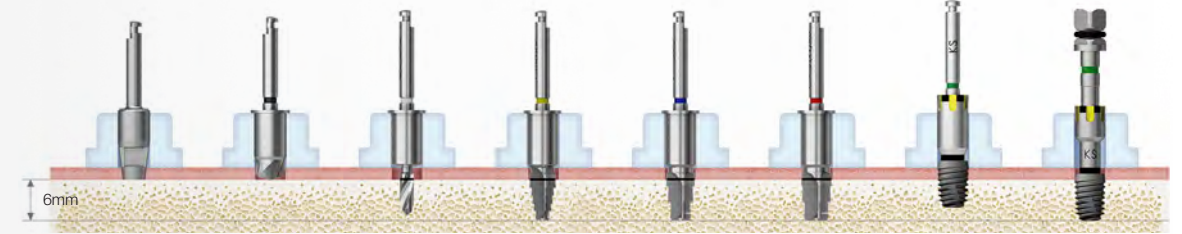
Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Drill	NoMount Driver	Implant Driver
Ø4.0x7mm (Extra Short)	Normal	▶	(▶)	Ø2.2x6	Ø3.5x6	F4.0x6		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x6	Ø3.5x6		F4.5x6		

Ø4.0 x 7/8.5mm



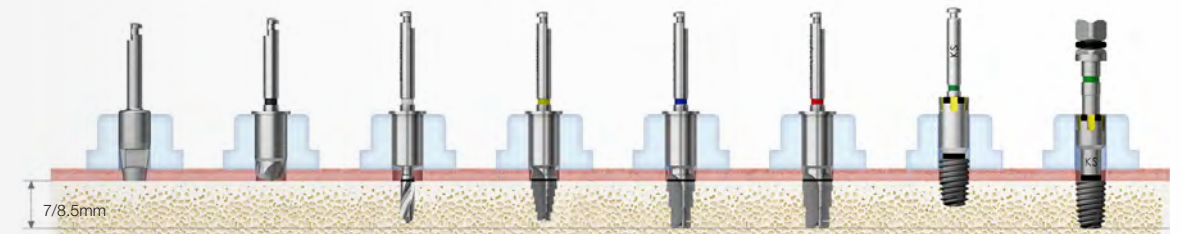
Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Drill	NoMount Driver	Implant Driver
Ø4.0x 7/8.5mm	Normal	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6	F4.0x7/8.5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6		F4.5x7/8.5		

Extra Short
Ø4.5 x 7mm



Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Hard Drill	NoMount Driver	Implant Driver
Ø4.5x7mm (Extra Short)	Normal	▶	(▶)	Ø2.2x6	Ø3.5x6	F4.5x6		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x6	Ø3.5x6		F4.5x6		

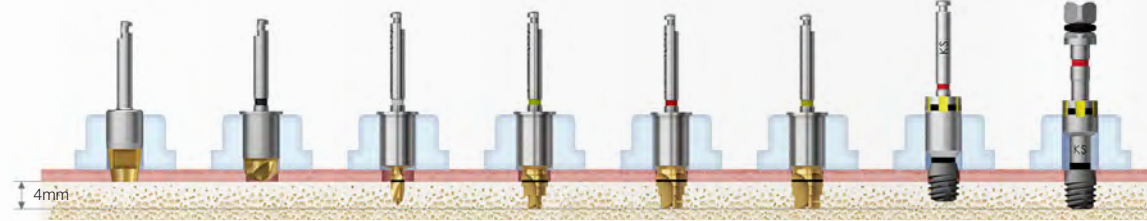
Ø4.5 x 7/8.5mm



Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Hard Drill	NoMount Driver	Implant Driver
Ø4.5x 7/8.5mm	Normal	▶	(▶)	Ø2.2x7/8.5	Ø3.5 x 6	F4.5x7/8.5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x7/8.5	Ø3.5 x 6		F4.5x7/8.5		

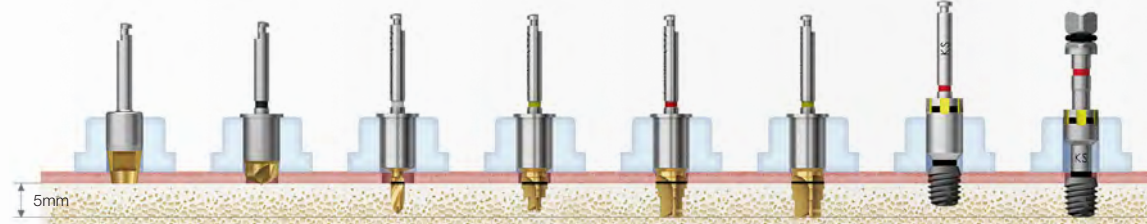
Drilling Sequence **One485 Drill**
TSIII | KSIII | SSIII | USIII

Extra Short
Ø5.0 x 6mm



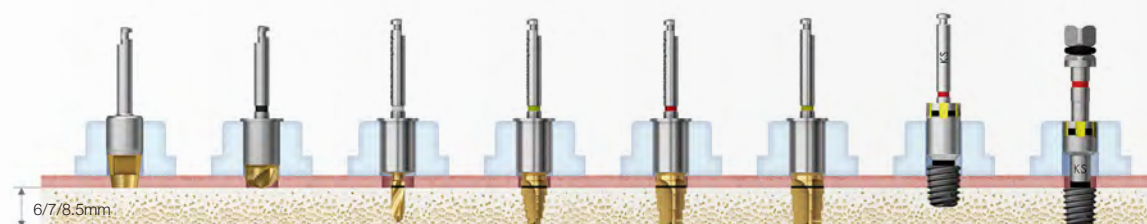
Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)
Ø5.0x6mm (Extra Short)	Normal	▶	(▶)	Ø2.2x4	Ø3.5x4	F5.0x4		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x4	Ø3.5x4		F5.0x4		

Extra Short
Ø5.0 x 6mm



Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)
Ø5.0x6mm (Extra Short)	Normal	▶	(▶)	Ø2.2x5	Ø3.5x4	F5.0x5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x5	Ø3.5x4		F5.0x5		

Ø5.0 x 6/7/8.5mm



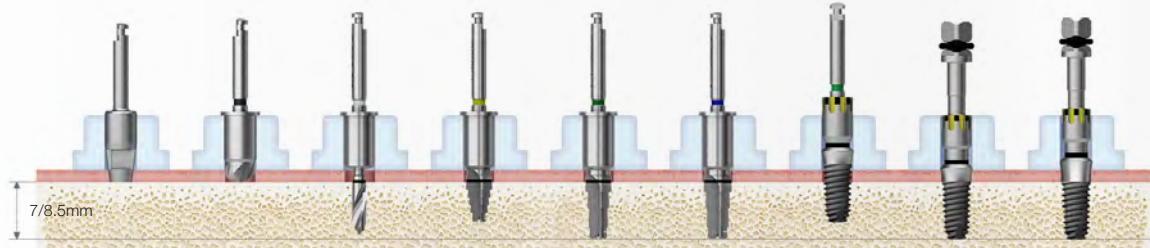
Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)
Ø5.0x6/7/8.5mm	Normal	▶	(▶)	Ø2.2x6/7/8.5	Ø3.5x6	F5.0x6/7/8.5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x6/7/8.5	Ø3.5x6		F5.0x6/7/8.5		

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Drilling Sequence **One485 Drill**
TSIII | KSIII | SSIII | USIII

G/H 1.8&2.8
 D Ø4.0
 P Ø4.8

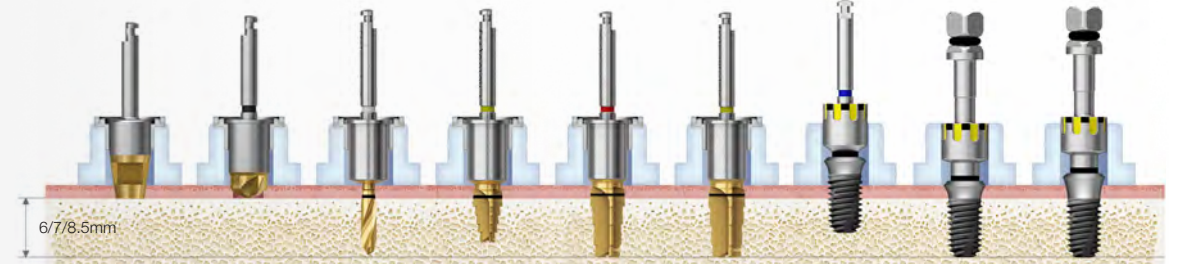
R



Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Drill	NoMount Driver	Implant Driver	
									G/H 1.8	G/H 2.8
Ø4.0x 7/8.5mm	Normal	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6	F4.0x7/8.5		Implant Placement (Up to 80%)	Implant Placement	
	Hard	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6		F4.5x7/8.5			

G/H 1.8&2.8
 D Ø5.0
 P Ø6.0

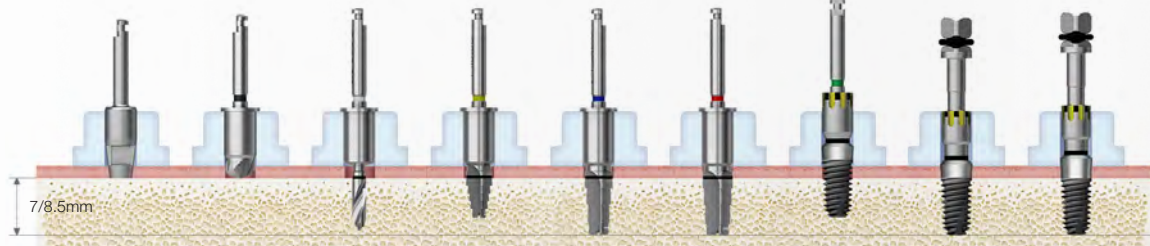
W



Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)	
									G/H 1.8	G/H 2.8
Ø5.0x 6/7/8.5mm	Normal	▶	(▶)	Ø2.2x6/7/8.5	Ø3.5x6	F5.0x6/7/8.5		Implant Placement (Up to 80%)	Implant Placement	
	Hard	▶	(▶)	Ø2.2x6/7/8.5	Ø3.5x6		F5.0x6/7/8.5			

G/H 1.8&2.8
 D Ø4.5
 P Ø4.8

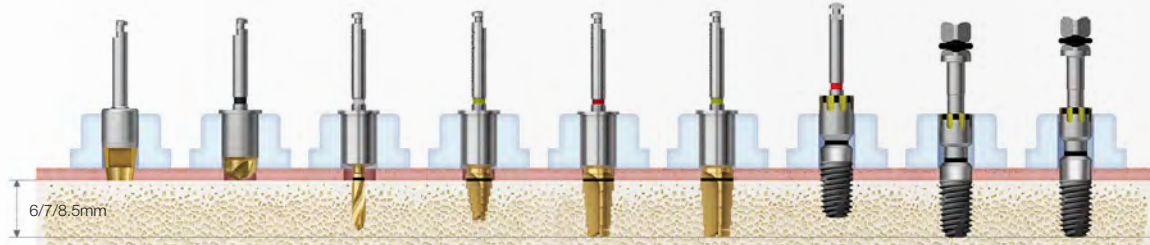
R



Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Hard Drill	NoMount Driver	Implant Driver	
									G/H 1.8	G/H 2.8
Ø4.5x 7/8.5mm	Normal	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6	F4.5x7/8.5		Implant Placement (Up to 80%)	Implant Placement	
	Hard	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6		F4.5x7/8.5			

G/H 1.8&2.8
 D Ø5.0
 P Ø4.8

R

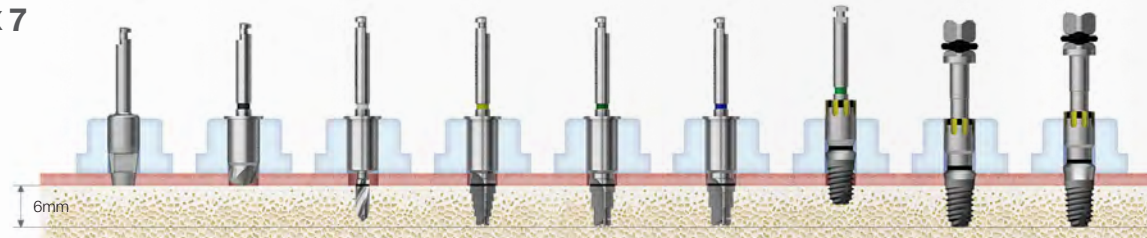


Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)	
									G/H 1.8	G/H 2.8
Ø5.0x 6/7/8.5mm	Normal	▶	(▶)	Ø2.2x6/7/8.5	Ø3.5x6	F5.0x6/7/8.5		Implant Placement (Up to 80%)	Implant Placement	
	Hard	▶	(▶)	Ø2.2x6/7/8.5	Ø3.5x6		F5.0x6/7/8.5			

Drilling Sequence **One485 Drill**
TSIII | KSIII | SSIII | USIII

Extra Short
 G/H 0.8&1.8
 D Ø4.0x7
 P Ø4.8

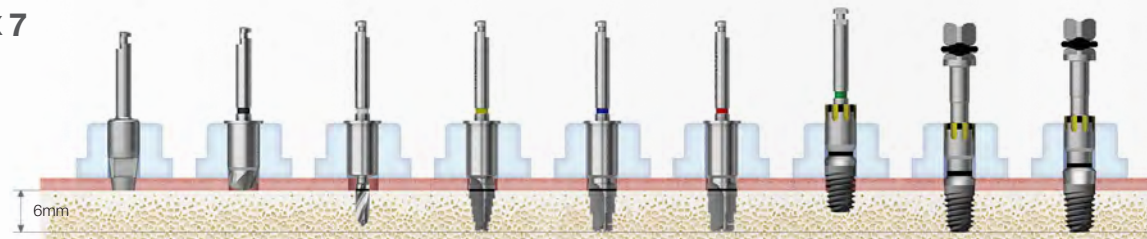
R



Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Drill	NoMount Driver	Implant Driver	
									G/H 0.8	G/H 1.8
Ø4.0x7mm (Extra Short)	Normal	▶	(▶)	Ø2.2x6	Ø3.5x6	F4.0x6		Implant Placement (Up to 80%)	Implant Placement	
	Hard	▶	(▶)	Ø2.2x6	Ø3.5x6		F4.5x6		Implant Placement	

Extra Short
 G/H 0.8&1.8
 D Ø4.5x7
 P Ø4.8

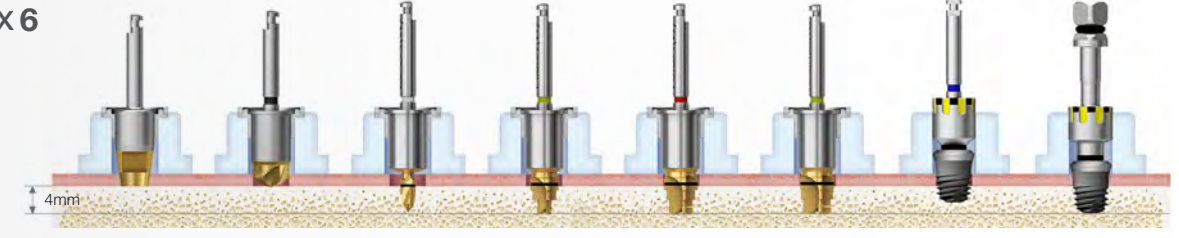
R



Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Hard Drill	NoMount Driver	Implant Driver	
									G/H 0.8	G/H 1.8
Ø4.5x7mm (Extra Short)	Normal	▶	(▶)	Ø2.2x6	Ø3.5x6	F4.5x6		Implant Placement (Up to 80%)	Implant Placement	
	Hard	▶	(▶)	Ø2.2x6	Ø3.5x6		F4.5x6		Implant Placement	

Extra Short
 G/H 0.8
 D Ø5.0x6
 P Ø6.0

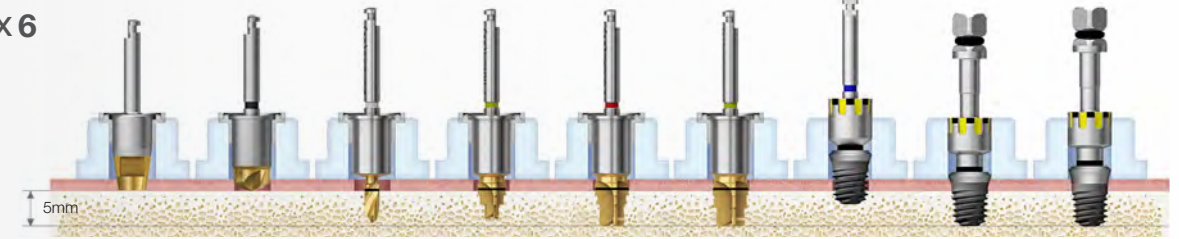
W



Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)	
									G/H 0.8	G/H 1.8
Ø5.0x6mm (Extra Short)	Normal	▶	(▶)	Ø2.2x4	Ø3.5x4	F5.0x4		Implant Placement (Up to 80%)	Implant Placement	
	Hard	▶	(▶)	Ø2.2x4	Ø3.5x4		F5.0x4		Implant Placement	

Extra Short
 G/H 0.8&1.8
 D Ø5.0x6
 P Ø6.0

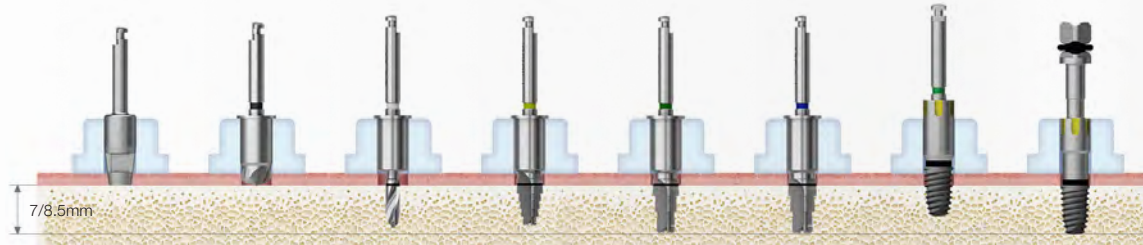
W



Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)	
									G/H 0.8	G/H 1.8
Ø5.0x6mm (Extra Short)	Normal	▶	(▶)	Ø2.2x5	Ø3.5x4	F5.0x5		Implant Placement (Up to 80%)	Implant Placement	
	Hard	▶	(▶)	Ø2.2x5	Ø3.5x4		F5.0x5		Implant Placement	

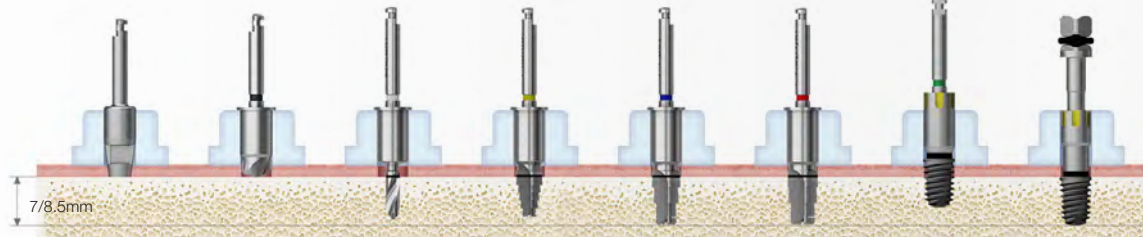
Drilling Sequence **One485 Drill**
TSIII | KSIII | SSIII | USIII

Ø4.0 x 7/8.5mm



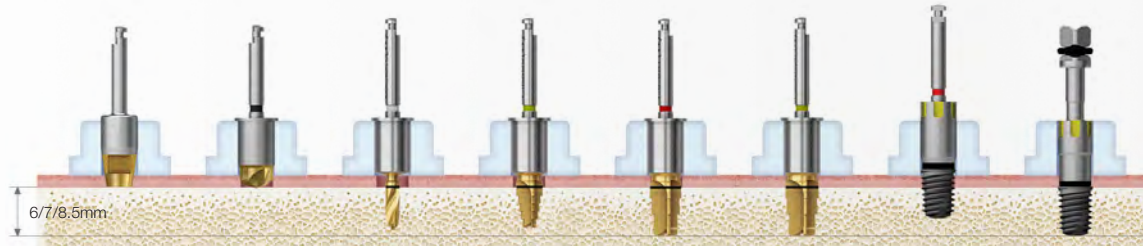
Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Drill	NoMount Driver	Implant Driver
Ø4.0x 7/8.5mm	Normal	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6	F4.0x7/8.5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6		F4.5x7/8.5		

Ø4.5 x 7/8.5mm



Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Hard Drill	NoMount Driver	Implant Driver
Ø4.5x 7/8.5mm	Normal	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6	F4.5x7/8.5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6		F4.5x7/8.5		

Ø5.0 x 6/7/8.5mm



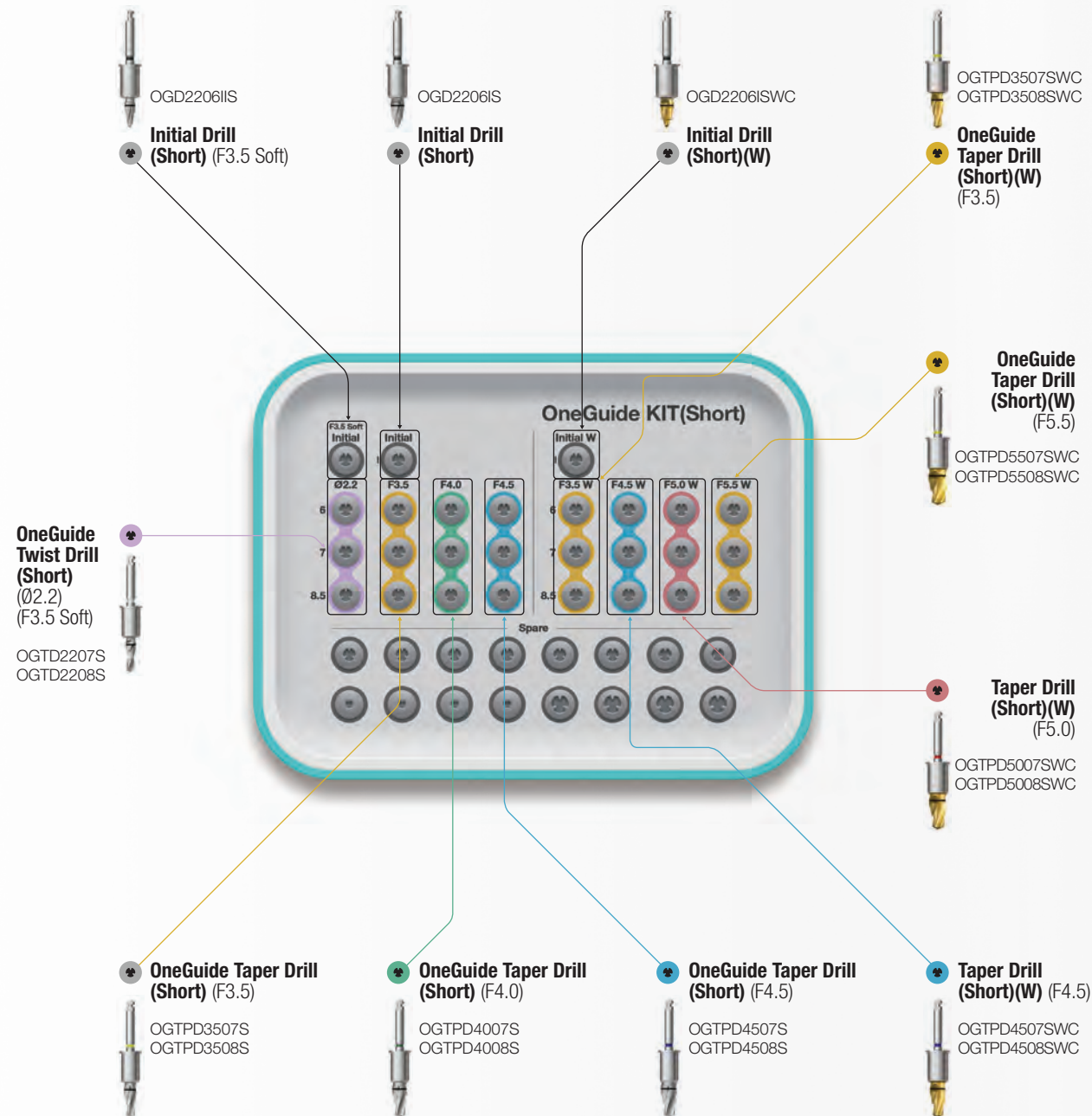
Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver	Implant Driver
Ø4.5x 6/7/8.5mm	Normal	▶	(▶)	Ø2.2x6/7/8.5	Ø3.5x6	F5.0x6/7/8.5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x6/7/8.5	Ø3.5x6		F5.0x6/7/8.5		

OSSTEM[®]
 IMPLANT

OneGuide KIT(Short) (OOGKS) NEW 2021

Applicable Products **TSIII/IV** **KSIII** **SSIII** **USIII**

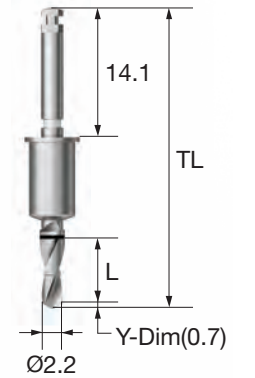
- OneGuide KIT composed of OneGuide drills with a short handle
- Used for OneGuide surgery for patients with smaller intermaxillary distance (posterior region, in particular)
- Handle size of initial drill and 6/7/8.5mm OneGuide drill : 14.1mm



OneGuide KIT(Short) Surgical Instruments

OneGuide Twist Drill(Short) (Ø2.2) NEW 2021

- Drill with a short handle of 14.1mm used for cases with limited intermaxillary distance
- Used for placing F3.5 implant in soft bone
- Available in 2 types by length

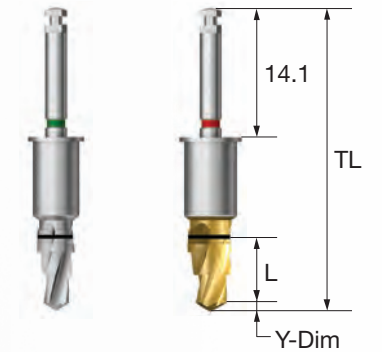


Regular Hole (Ø5.1)

L	TL	Ø2.2
7.0	32.8	OGTD2207S
8.5	34.3	OGTD2208S

OneGuide Taper Drill(Short) NEW 2021

- Drill with a short handle of 14.1mm used for cases with limited intermaxillary distance
- Taper Drill optimized for III/IV type implant
 - Placement of F3.5-F5.0 and 6-13mm implants
- Stable drilling with multi-stage structure
- 6mm type for each diameter is sold as an individual item



Regular Hole (Ø5.1)

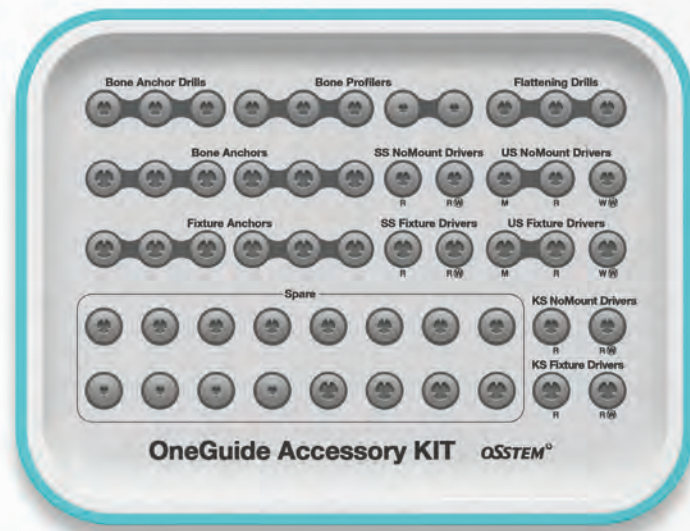
L	F3.5	TL	F4.0	TL	F4.5	TL	-
Y-Dim	0.7		0.9		1.0		-
6	OGTPD3506S	31.8	OGTPD4006S	32.0	OGTPD4506S	32.1	-
7	OGTPD3507S	32.8	OGTPD4007S	33.0	OGTPD4507S	33.1	-
8.5	OGTPD3508S	34.3	OGTPD4008S	34.5	OGTPD4508S	34.6	-

Wide Hole (Ø5.8)

L	F3.5(w)	TL	F4.5(w)	TL	F5.0(w)	TL	F5.5(w)	TL
Y-Dim	0.7		1.0		1.0		1.0	
6	OGTPD3506SWC	31.8	OGTPD4506SWC	32.1	OGTPD5006SWC	32.1	OGTPD5506SWC	32.1
7	OGTPD3507SWC	32.8	OGTPD4507SWC	33.1	OGTPD5007SWC	33.1	OGTPD5507SWC	33.1
8.5	OGTPD3508SWC	34.3	OGTPD4508SWC	34.6	OGTPD5008SWC	34.6	OGTPD5508SWC	34.6

OneGuide Accessory KIT (OOGAK) NEW 2020

- KIT consisted of the tools selected by user
- Possible to house the products not included in the OneGuide KIT as basic components such as OneGuide Bone/Fixture Anchor, and SS/US/KS Driver
- Spare holes deployed by rubber size (Large 4, Medium 8, Small 4) for user preferences

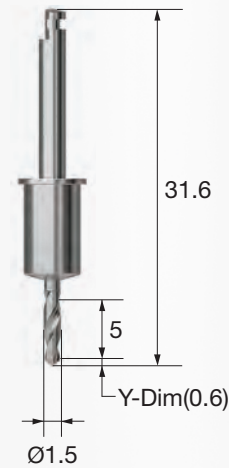


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IMPLANT

OneGuide Twist Drill ^{2019.11}

- Used for drilling before using OneGuide Bone Anchor
- Sold as an individual item
- Recommended speed : 800~1,200rpm

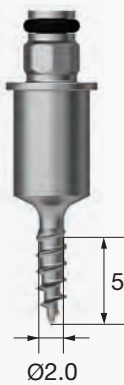
	Regular Hole (ø5.1)	Wide Hole (ø5.8)
Ø1.5	OGTD1506	OGTD1506W



OneGuide Bone Anchor ^{2019.11}

- Used for fixing OneGuide in place in vertical direction (e.g. edentulous case)
- Mounted on the alveolar bone vertically to fix OneGuide in place
- Soft bone : placed directly
- Normal/hard bone : placed after using the OneGuide Twist Drill for Bone Anchor
- Tightened at 20rpm forward with Anchor Driver
- Sold as an individual item

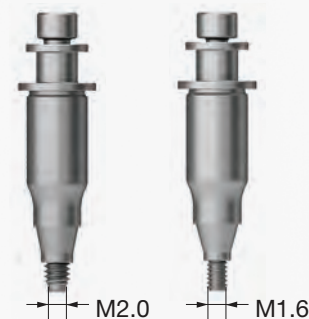
	Regular Hole (ø5.1)	Wide Hole (ø5.8)
Ø2.0	OGBAR	OGBAW



OneGuide Implant Anchor ^{2019.11}

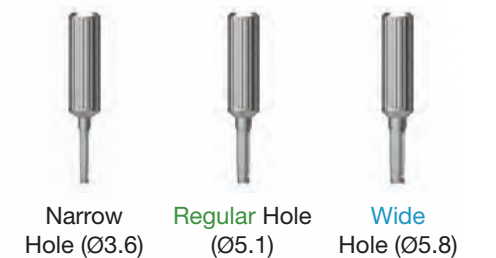
- Used for fixing OneGuide in place in vertical direction (e.g. edentulous case)
- Mounted on the implant vertically to fix OneGuide in place
- Tightened with 1.2 hex driver (hand mode)
- Only used for a Regular connection of F4.0 or greater
- Sold as an individual item

	Regular Hole (ø5.1)	Wide Hole (ø5.8)
TSIII(M2.0)	OGFAR	OGFAW
KSIII(M1.6)	OGFAKR	OGFAKW



OneGuide Reamer Drill ²⁰¹⁹

- Reamer for hole size adjustment after output of OneGuide template
- 2 types each for each hole diameter of OneGuide, 6 types in total
- Sold as an individual item



	Narrow Hole (ø3.6)	Regular Hole (ø5.1)	Wide Hole (ø5.8)
Sleeveless	OGRD36	OGRD51	OGRD58
Metal Sleeve	OGRDS36	OGRDS51	OGRDS58

OneGuide Metal Sleeve Press-in Jig

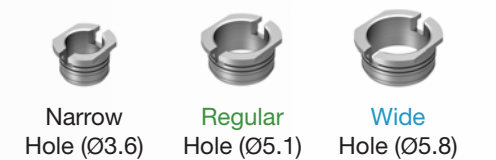
- Used for press-in of metal sleeve to the OneGuide template hole
- 3 types each for each hole diameter of OneGuide
- Sold as an individual item



	Narrow Hole (ø3.6)	Regular Hole (ø5.1)	Wide Hole (ø5.8)
	OGSPJN	OGSPJR	OGSPJW

OneGuide Metal Sleeve

- Used for protection of inner surface of OneGuide template and implant surface
- The sleeve is connected to jig after using a dedicated reamer and inserted to the OneGuide hole
- Can be purchased as a connected type for initial ordering of OneGuide template
- 3 types each by height according to OneGuide hole size, 9 types in total
- Sold as an individual item
- 1 set = 10ea

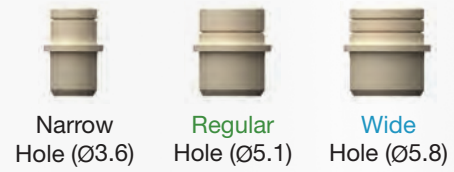


	Narrow Hole (ø3.6)	Regular Hole (ø5.1)	Wide Hole (ø5.8)
3.5mm	OGSCN35S	OGSCR35S	OGSCW35S
5.0mm	OGSCN50S	OGSCR50S	OGSCW50S
7.0mm	OGSCN70S	OGSCR70S	OGSCW70S

OneGuide System Surgical Instruments

CT Checker 2019.08

- Used for drilling path checking prior to OneGuide surgery, by connecting to the guide hole and taking CT images (e.g. edentulous cases)
- 1 type for each hole diameter
- Sold as an individual item
- 1set = 5ea



Narrow Hole (Ø3.6)

CTCHK35S

Regular Hole (Ø5.1)

CTCHK50S

Wide Hole (Ø5.8)

CTCHK57S

Resin Marker NEW 2021

- Attached to the denture to check the agreement between the CT data and scan data
- Sold as an individual item
- 1set = 5ea



RSMRKS

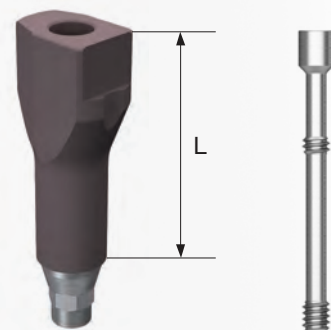
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Digital Prosthetics Scan Body

KS Scan Body NEW 2021

- Used for digital impression coping
- Tightened with a 1.2 hex driver
- Packing unit : scan body + Ti screw

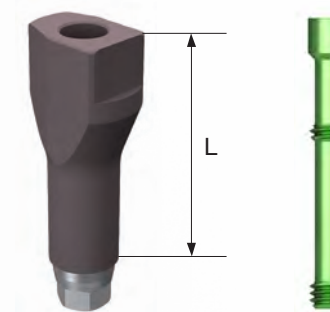
Scan body + screw order code
: product code + TH (ex : KSNSBLTH)



TS Scan Body NEW 2021



- Used for digital impression coping
- Tightened with a 1.2 hex driver
- Packing unit : scan body + Ti screw

Scan body + screw order code
: product code + TH (ex : TSNSBRLTH)







- M** Mini
- R** Regular

L

8 (Short)	12 (Long)
 KSNSBS	 KSNSBL

L

8 (Short)	12 (Long)
M  TSNSBMS	 TSNSBML
R  TSNSBRS	 TSNSBRL

A scan body for fabrication of OneFit abutment for other manufacturers' implants (long type)

D Type	DESBSTH	Purple
Di Type		anodizing
Dt Type	CUSBSTH	screw
M Type		

Digital Prosthetics Scan Body

SS Scan Body NEW 2021

- Used for digital impression coping
- Tightened with a 1.2 hex driver
- Packing unit : scan body + Ti screw

Scan body + screw order code
: product code + TH (ex : SSNSBRLTH)

R Regular

W Wide



US Scan Body NEW 2021

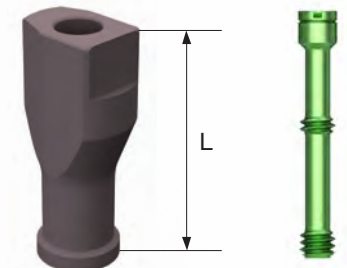
- Used for digital impression coping
- Tightened with a 1.2 hex driver
- Packing unit : scan body + Ti screw

Scan body + screw order code
: product code + TH (ex : USNSBRLTH)

M Mini

R Regular

W Wide

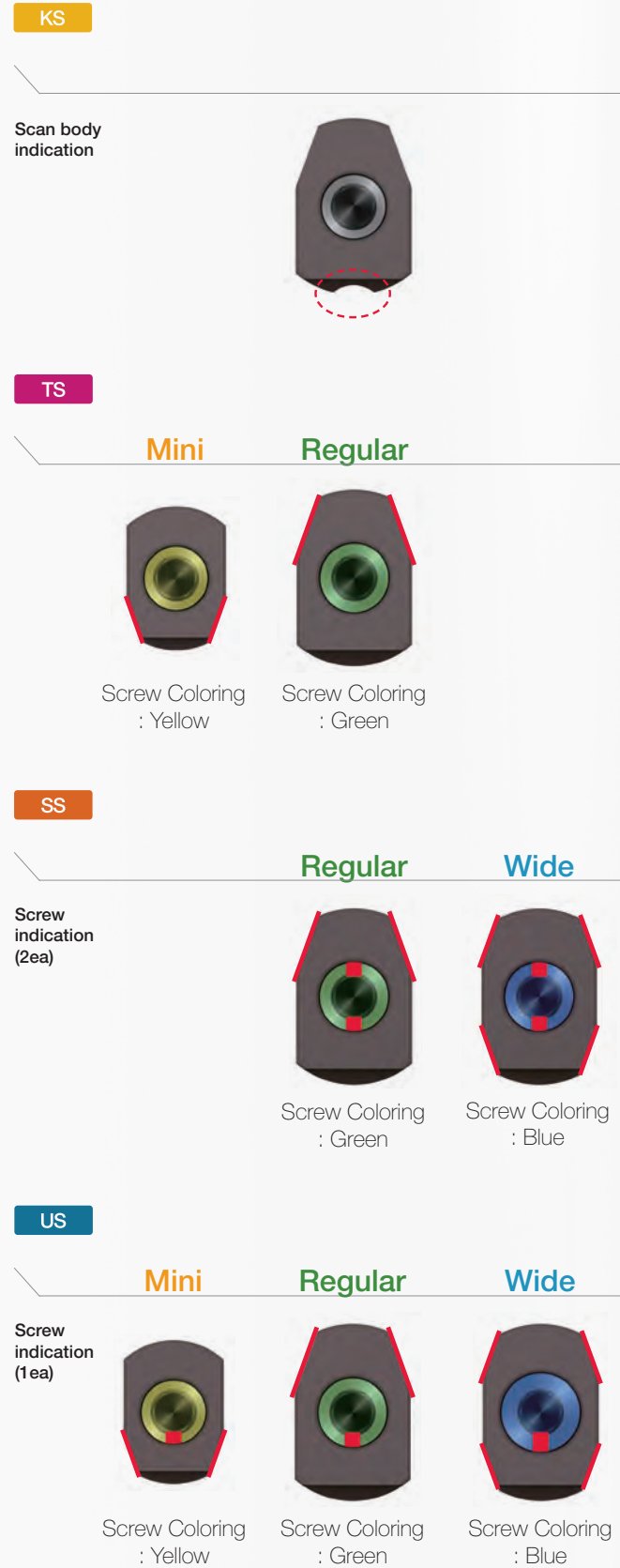


	L	6 (Short)	10 (Long)
R		SSNSBRS	SSNSBRL
W		SSNSBWS	SSNSBWL

	L	8 (Short)	12 (Long)
M		USNSBMS	USNSBML
R W ^{PS}		USNSBRS	USNSBRL
W		USNSBWS	USNSBWL

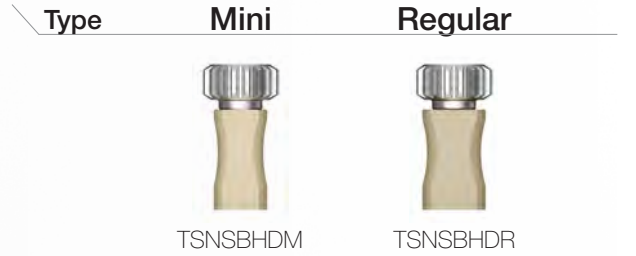
Scan Body Classification Guide

- See classification by scan body (intraoral) system



Scan Body Holding Driver NEW 2021

- Driver exclusively for scan body (intraoral) used for connection and separation of a scan body
- Applicable to all of KS, TS, SS, and US
- Mini : **TS** Mini
US Mini
- Regular : **KS**
TS Regular
SS Regular / Wide
US Regular / Wide



Digital Prosthetics Scan Healing Abutment

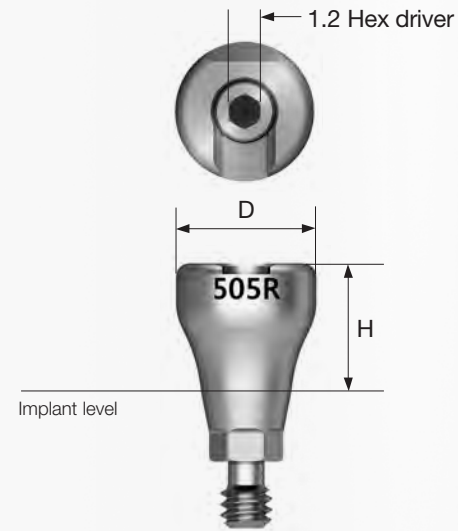
TS Scan Healing Abutment NEW 2021


- Healing Abutment with scan body function
- Different types are differentiated by the marker shape at the top
(See the type classification table)
- Abutment level impression
- Driver-integrated carrier is used for transfer to the mouth and ease of connection
- Different screws are used for different lengths (mixed use not possible)
- 1.2 hex driver / driver-integrated carrier
- Packing unit : scan healing abutment body + Ti screw



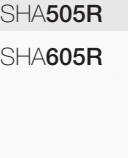
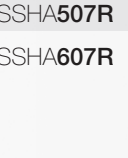
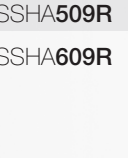

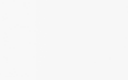
Scan healing abutment body + Ti screw order code
: product code + TH (ex : TSSHA505RTH)

M Mini

R Regular



D \ H	4.0	5.0	7.0	9.0
Ø4.0	 TSSHA404M	 TSSHA405M	 TSSHA407M	 TSSHA409M

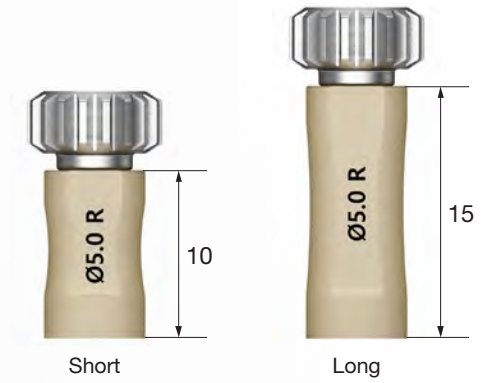
D \ H	4.0	5.0	7.0	9.0
Ø4.5	 TSSHA454R	 TSSHA455R	 TSSHA457R	 TSSHA459R
Ø5.0	 TSSHA504R	 TSSHA505R	 TSSHA507R	 TSSHA509R
Ø6.0	 TSSHA604R	 TSSHA605R	 TSSHA607R	 TSSHA609R

TS Scan Healing Abutment Carrier NEW 2021

- Used for transferring the Scan Healing Abutment into the mouth and for connection
- Selected according to the body diameter for use
- Material: PEEK + TrimRite

M Mini

R Regular



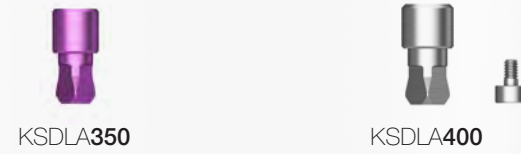
Type \ Scan Healing(D)	Ø4.0	Ø4.5	Ø5.0	Ø6.0
Short	 TSSHAC400	 TSSHAC450	 TSSHAC500	 TSSHAC600
Long	 TSSHAC400L	 TSSHAC450L	 TSSHAC500L	 TSSHAC600L

Digital Prosthetics Digital Lab Analog

Digital Lab Analog (KS, TS, SS, US) NEW 2021

- Lab Analog for making the digital implant working model
- Ease of classification through the color of Lab Analog
- Convenient connection through lab analog tools such as Reamer Drill and Positioning Jig
- Packing unit : digital lab analog + screw

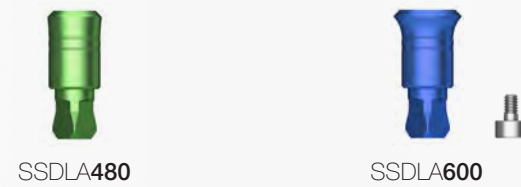
KS For Ø3.0 / 3.5



TS Mini Ø3.0 Mini Ø3.5 Regular Multi Abt



SS Regular Wide



US Mini Regular Wide Wide^{PS}

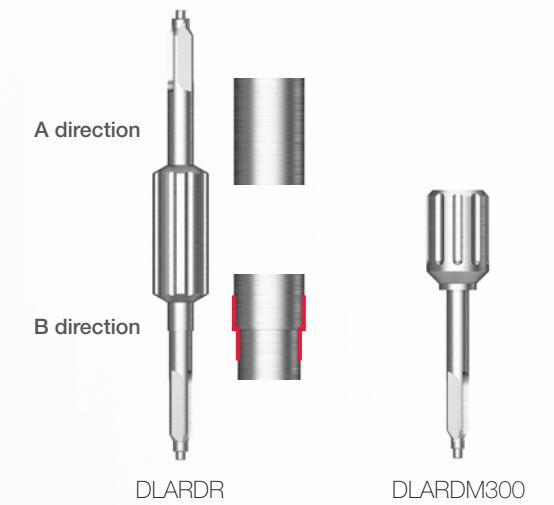


Reamer Drill NEW 2021

- Used for correction of insertion path of 3D-printed working model
- See the table below for guide of use by the type of Digital Lab Analog

DLARDR	Type	A direction	B direction
KS		Ø4.0	Ø3.5
TS		Regular / Multi	Mini
SS		Regular / Wide	
US		Regular / Wide / Wide PS	Mini

DLARDM300	Type
TS	Ø3.0



Positioning Jig NEW 2021

- Used for inserting Lab Analog to the working model in the accurate hex direction
- KS, TS, SS types are used regardless of connection
- TSMDLAPJ : Exclusively for Digital Lab Analog for multi abutment (TSMDLA)

KS



KSDLAPJ

TS



GSDLAPJ



TSMDLAPJ

SS



SSDLAPJ

US



USDLAPJM



USDLAPJR



USDLAPJW

Screw Bulk (10ea)



TSDLASB

Screw Bulk

- Set of 10 screws for Lab Analog only

OneFit Abutment TS 2010.11 / SS, US 2012.05

- Custom abutment fabricated using CAD/CAM
- Implant level impression
- Production time (based on working days)
 - Titanium : 4 days
 - Titanium + gold color : 5 days
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm(mini), 30Ncm(regular)
- Packing unit
 - TS : Abutment + EbonyGold screw
 - SS, US : Abutment + Ti screw

TS



SS



US



KS Pre-Milled Abutment

- Making custom abutment with dental milling equipment
- Easy identification from non-genuine product with Osstem certification mark
- Superior tightening precision compared to non-genuine product
- Product lineup according to different milling equipment
(Milling equipment manufacturers: Doowon, Vatech, Neo, Manix and Zirkozahn)
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw

Abutment + screw order code
: product code + **TH** (ex : KSPM10ARTH)



KS products have a cylinder and a slot at the bottom



KS non-hex products have a slot at the bottom



TS Pre-Milled Abutment 2016.10

- Making custom abutment with dental milling equipment
- Easy identification from non-genuine product with Osstem certification mark
- Superior tightening precision compared to non-genuine product
- Product lineup according to different milling equipment
(Milling equipment manufacturers: Doowon, Vatech, Neo, Manix and Zirkozahn)
- Packing unit : abutment + EbonyGold screw or Ti screw

Abutment + screw order code
: product code + **WH or TH** (ex : TSPM10ARMWH)



Equipment	D	Type	Code
ARUM Imes-icore Dental plus	Ø10	Hex	KSPM10ARTH
		Non-Hex	KSPM10ARNTH
	Ø14	Hex	KSPM14ARTH
		Non-Hex	KSPM14ARNTH
Cameleon	Ø10	Hex	KSPM10CATH
		Non-Hex	KSPM10CANTH
	Ø14	Hex	KSPM14CATH
		Non-Hex	KSPM14CANTH
Zirkozahn	Ø10	Hex	KSPM10ZKTH
		Non-Hex	KSPM10ZKNTH
	Ø14	Hex	KSPM14ZKTH
		Non-Hex	KSPM14ZKNTH
Manix	Ø10	Hex	KSPM10MXTH
		Non-Hex	KSPM10MXNTH
	Ø14	Hex	KSPM14MXTH
		Non-Hex	KSPM14MXNTH

Equipment	Implant	D	Type	Code
ARUM Imes-icore Dental plus	Osstem TS	Ø10	Mini Hex	TSPM10ARMWH
			Non-Hex	TSPM10ARMNWH
			Regular Hex	TSPM10ARRWH
		Ø14	Non-Hex	TSPM10ARRNWH
			Mini Hex	TSPM14ARMWH
			Non-Hex	TSPM14ARMNWH
	Dentium (DE)	Ø10	Regular Hex	TSPM14ARRWH
			Non-Hex	TSPM14ARRNWH
			Mini Hex	DEPM10ARRTH
		Ø14	Non-Hex	DEPM10ARRNTH
			Regular Hex	DEPM14ARRTH
			Non-Hex	DEPM14ARRNTH
Dentis (DT)	Ø10	Mini Hex	DTPM10ARRTH	
		Non-Hex	DTPM10ARRNTH	
	Ø14	Regular Hex	DTPM14ARRTH	
		Non-Hex	DTPM14ARRNTH	
Megagen (MO)	Ø10	Mini Hex	MOPM10ARRTH	
		Non-Hex	MOPM10ARRNTH	
	Ø14	Regular Hex	MOPM14ARRTH	
		Non-Hex	MOPM14ARRNTH	
Dio (DI)	Ø10	Mini Hex	DIPM10ARRTH	
		Non-Hex	DIPM10ARRNTH	
	Ø14	Regular Hex	DIPM14ARRTH	
		Non-Hex	DIPM14ARRNTH	

Digital Prosthetics Pre-milled Abutment

TS Pre-Milled Abutment 2016.10

- Making custom abutment with dental milling equipment
- Easy identification from non-genuine product with Osstem certification mark
- Superior tightening precision compared to non-genuine product
- Product lineup according to different milling equipment
(Milling equipment manufacturers: Doowon, Vatech, Neo, Manix and Zirkozahn)
- Packing unit : abutment + EbonyGold screw or Ti screw

Abutment + screw order code

: product code + **WH** or **TH** (ex : TSPM10ARMWH)



TS Pre-Milled Abutment 2016.10

- Making custom abutment with dental milling equipment
- Easy identification from non-genuine product with Osstem certification mark
- Superior tightening precision compared to non-genuine product
- Product lineup according to different milling equipment
(Milling equipment manufacturers: Doowon, Vatech, Neo, Manix and Zirkozahn)
- Packing unit : abutment + EbonyGold screw or Ti screw

Abutment + screw order code

: product code + **WH** or **TH** (ex : TSPM10ARMWH)



Equipment	Implant	D	Type	Code
Neo Cameleon	Osstem TS	Ø10	Mini Hex	TSPM10CAMWH
			Mini Non-Hex	TSPM10CAMNWH
			Regular Hex	TSPM10CARWH
		Regular Non-Hex	TSPM10CARNWH	
		Ø14	Mini Hex	TSPM14CAMWH
			Mini Non-Hex	TSPM14CAMNWH
	Regular Hex		TSPM14CARWH	
	Dentium (DE)	Ø10	Mini Hex	DEPM10CARTH
			Mini Non-Hex	DEPM10CARNTH
			Regular Hex	DEPM14CARTH
		Ø14	Regular Non-Hex	DEPM14CARNTH
			Ø10	Mini Hex
Mini Non-Hex				DTPM10CARNTH
Ø14	Regular Hex	DTPM14CARTH		
	Regular Non-Hex	DTPM14CARNTH		
	Megagen (MO)	Ø10	Mini Hex	MOPM10CARTH
Mini Non-Hex			MOPM10CARNTH	
Regular Hex			MOPM14CARTH	
Ø14		Regular Non-Hex	MOPM14CARNTH	
		Ø10	Mini Hex	DIPM10CARTH
			Mini Non-Hex	DIPM10CARNTH
Ø14	Regular Hex		DIPM14CARTH	
	Regular Non-Hex	DIPM14CARNTH		

Equipment	Implant	D	Type	Code
Zirkozahn	Osstem TS	Ø10	Mini Hex	TSPM10ZKMWH
			Mini Non-Hex	TSPM10ZKMNWH
			Regular Hex	TSPM10ZKRWH
		Regular Non-Hex	TSPM10ZKRNWH	
		Ø14	Mini Hex	TSPM14ZKMWH
			Mini Non-Hex	TSPM14ZKMNWH
	Regular Hex		TSPM14ZKRWH	
	Ø14	Regular Non-Hex	TSPM14ZKRNWH	
		Ø10	Mini Hex	DEPM10ZKRTH
			Mini Non-Hex	DEPM10ZKRNTH
	Ø14		Regular Hex	DEPM14ZKRTH
		Ø14	Regular Non-Hex	DEPM14ZKRNTH
Ø10			Mini Hex	DTPM10ZKRTH
	Ø10		Mini Non-Hex	DTPM10ZKRNTH
		Ø14	Regular Hex	DTPM14ZKRTH
Ø14			Regular Non-Hex	DTPM14ZKRNTH
	Megagen (MO)		Ø10	Mini Hex
		Mini Non-Hex		MOPM10ZKRNTH
Regular Hex		MOPM14ZKRTH		
Ø14		Regular Non-Hex	MOPM14ZKRNTH	
		Ø10	Mini Hex	DIPM10ZKRTH
			Mini Non-Hex	DIPM10ZKRNTH
Ø14	Regular Hex		DIPM14ZKRTH	
	Regular Non-Hex	DIPM14ZKRNTH		

Digital Prosthetics Pre-milled Abutment

TS Pre-Milled Abutment 2016.10

- Making custom abutment with dental milling equipment
- Easy identification from non-genuine product with Osstem certification mark
- Superior tightening precision compared to non-genuine product
- Product lineup according to different milling equipment
(Milling equipment manufacturers: Doowon, Vatech, Neo, Manix and Zirkozahn)
- Packing unit : abutment + EbonyGold screw or Ti screw

Abutment + screw order code

: product code + **WH** or **TH** (ex : TSPM10ARMWH)



TS Pre-Milled Abutment 2016.10

- Making custom abutment with dental milling equipment
- Easy identification from non-genuine product with Osstem certification mark
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- Product lineup according to different milling equipment
(Milling equipment manufacturers: Doowon, Vatech, Neo, Manix and Zirkozahn)
- Packing unit : abutment + EbonyGold screw or Ti screw

Abutment + screw order code

: product code + **WH** or **TH** (ex : TSPM10ARMWH)



Equipment	Implant	D	Type	Code
Manix	Osstem TS	Ø10	Mini Hex	TSPM10MXMWH
			Mini Non-Hex	TSPM10MXMNWH
			Regular Hex	TSPM10MXRWH
		Regular Non-Hex	TSPM10MXRNWH	
		Ø14	Mini Hex	TSPM14MXMWH
			Mini Non-Hex	TSPM14MXMNWH
	Regular Hex		TSPM14MXRWH	
	Dentium (DE)	Ø10	Mini Hex	DEPM10MXRTH
			Mini Non-Hex	DEPM10MXRNTH
			Regular Hex	DEPM14MXRTH
		Ø14	Regular Non-Hex	DEPM14MXRNTH
			Ø10	Mini Hex
Mini Non-Hex				DTPM10MXRNTH
Ø14	Regular Hex	DTPM14MXRTH		
	Regular Non-Hex	DTPM14MXRNTH		
		Megagen (MO)	Ø10	Mini Hex
Mini Non-Hex				MOPM10MXRNTH
Regular Hex	MOPM14MXRTH			
Ø14	Regular Non-Hex		MOPM14MXRNTH	
	Ø10		Mini Hex	DIPM10MXRTH
			Mini Non-Hex	DIPM10MXRNTH
Ø14		Regular Hex	DIPM14MXRTH	
	Regular Non-Hex	DIPM14MXRNTH		

Equipment	Implant	D	Type	Code	
Ceramill	Osstem TS	Ø12	Mini	Hex	TSPM12CEMWH
				Non-Hex	TSPM12CEMNWH
			Regular	Hex	TSPM12CERWH
				Non-Hex	TSPM12CERNWH

Digital Prosthetics Pre-milled Abutment

SS Pre-Milled Abutment 2016.10

- Making custom abutment with dental milling equipment
- Superior tightening precision compared to non-genuine product
- Packing unit : abutment + Ti screw

Abutment + screw order code

: product code + **TH** (ex : SSPM10AGR**TH**)



US Pre-Milled Abutment 2016.10

- Making custom abutment with dental milling equipment
- Superior tightening precision compared to non-genuine product
- Packing unit : abutment + Ti

Abutment + screw order code

: product code + **TH** (ex : USPM10AGR**TH**)



Equipment	Implant	D	Type	Code	
ARUM Imes-icore Dental plus	Osstem SS	Ø10	Regular	Octa	SSPM10AGRTH
				Non-Octa	SSPM10AGRNTH
			Wide	Octa	SSPM10AGWTH
				Non-Octa	SSPM10AGWNTH
		Ø14	Regular	Octa	SSPM14ANRTH
				Non-Octa	SSPM14ANRNTH
Manix	Osstem SS	Ø10	Regular	SSPM10MXRTH	
			Wide	SSPM10MXWTH	

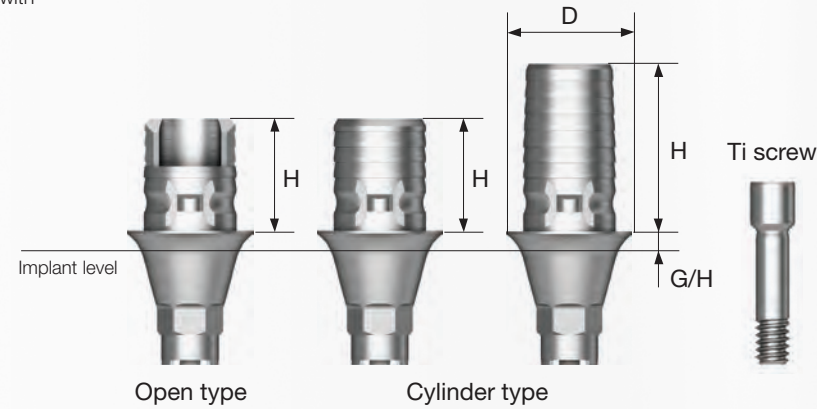
Equipment	Implant	D	Type	Code	
Doowon ARUM	Osstem US	Ø10	Mini	Hex	USPM10AGMTH
			Mini	Non-hex	USPM10AGMNTH
			Regular	Hex	USPM10AGRTH
				Non-hex	USPM10AGRNTH
			Wide	Hex	USPM10AGWTH
				Non-hex	USPM10AGWNTH

Digital Prosthetics Link Abutment (for public / Cerec)

KS Link Abutment for Public 2020.07

- Abutment for fabrication of cement-retained/combination/screw-retained prosthesis
- Used for fabrication of Ti + Zr custom abutment with CAD/CAM equipment
- The official Osstem Implant Library is provided
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw

Abutment + screw order code
: product code + TH (ex : KSPL4041TH)



KS products have a cylinder and a slot at the bottom



KS non-hex products have a slot at the bottom

D Ø4.0



		H \ G/H	1.0	2.0	3.0	4.0
		Type				
Hex		4.0 Open Type	KSPL4041	KSPL4042	KSPL4043	KSPL4044
		4.0 Cylinder Type	KSPL4041C	KSPL4042C	KSPL4043C	KSPL4044C
		6.0 Cylinder Type	KSPL4061	KSPL4062	KSPL4063	KSPL4064
Non-Hex		4.0 Open Type	KSPL4041N	KSPL4042N	KSPL4043N	KSPL4044N
		4.0 Cylinder Type	KSPL4041CN	KSPL4042CN	KSPL4043CN	KSPL4044CN
		6.0 Cylinder Type	KSPL4061N	KSPL4062N	KSPL4063N	KSPL4064N

D Ø4.5

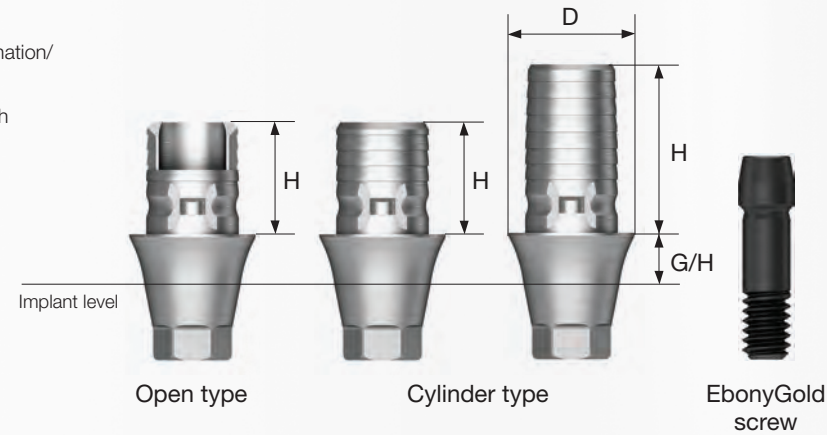


		H \ G/H	1.0	2.0	3.0	4.0
		Type				
Hex		4.0 Open Type	KSPL4541	KSPL4542	KSPL4543	KSPL4544
		4.0 Cylinder Type	KSPL4541C	KSPL4542C	KSPL4543C	KSPL4544C
		6.0 Cylinder Type	KSPL4561	KSPL4562	KSPL4563	KSPL4564
Non-Hex		4.0 Open Type	KSPL4541N	KSPL4542N	KSPL4543N	KSPL4544N
		4.0 Cylinder Type	KSPL4541CN	KSPL4542CN	KSPL4543CN	KSPL4544CN
		6.0 Cylinder Type	KSPL4561N	KSPL4562N	KSPL4563N	KSPL4564N

Digital Prosthetics Link Abutment (for public / Cerec)

TS Link Abutment for Public 2020.07

- Abutment for fabrication of cement-retained/combination/ screw-retained prosthesis
- Used for fabrication of Ti + Zr custom abutment with CAD/CAM equipment
- The official Osstem Implant Library is provided
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm(mini), 30Ncm(regular)
- Packing unit : abutment + EbonyGold screw



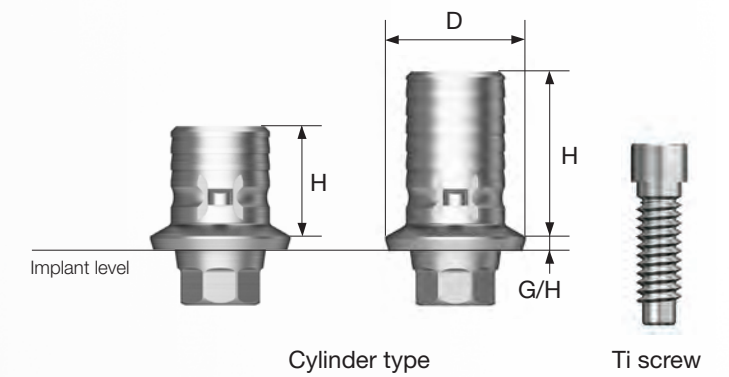
Abutment + EbonyGold screw order code
: product code + **WH** (ex : TSPL4541R**WH**)

D Ø4.0		H \ G/H			
M		Type			
		1.0	2.0	3.0	4.0
Hex					
		4.0 Open Type	4.0 Cylinder Type	6.0 Cylinder Type	6.0 Cylinder Type
		TSPL4041M	TSPL4042M	TSPL4061M	TSPL4062M
		TSPL4041C	TSPL4042C	TSPL4063M	TSPL4064M
		TSPL4043M	TSPL4043C	TSPL4063M	TSPL4064M
		TSPL4044M	TSPL4044C	TSPL4063M	TSPL4064M
Non-Hex					
		4.0 Open Type	4.0 Cylinder Type	6.0 Cylinder Type	6.0 Cylinder Type
		TSPL4041MN	TSPL4042CN	TSPL4061MN	TSPL4062MN
		TSPL4041CN	TSPL4042CN	TSPL4063MN	TSPL4064MN
		TSPL4043MN	TSPL4043CN	TSPL4063MN	TSPL4064MN
		TSPL4044MN	TSPL4044CN	TSPL4063MN	TSPL4064MN

D Ø4.5		H \ G/H			
R		Type			
		1.0	2.0	3.0	4.0
Hex					
		4.0 Open Type	4.0 Cylinder Type	6.0 Cylinder Type	6.0 Cylinder Type
		TSPL4541R	TSPL4542R	TSPL4561R	TSPL4562R
		TSPL4541C	TSPL4542C	TSPL4563R	TSPL4564R
		TSPL4543R	TSPL4543C	TSPL4563R	TSPL4564R
		TSPL4544R	TSPL4544C	TSPL4563R	TSPL4564R
Non-Hex					
		4.0 Open Type	4.0 Cylinder Type	6.0 Cylinder Type	6.0 Cylinder Type
		TSPL4541RN	TSPL4542CN	TSPL4561RN	TSPL4562RN
		TSPL4541CN	TSPL4542CN	TSPL4563RN	TSPL4564RN
		TSPL4543RN	TSPL4543CN	TSPL4563RN	TSPL4564RN
		TSPL4544RN	TSPL4544CN	TSPL4563RN	TSPL4564RN

SS Link Abutment for Public NEW 2020.12

- Abutment for fabrication of cement-retained/combination/ screw-retained prosthesis
- Used for fabrication of Ti + Zr custom abutment with CAD/CAM equipment
- The official Osstem Implant Library is provided
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw



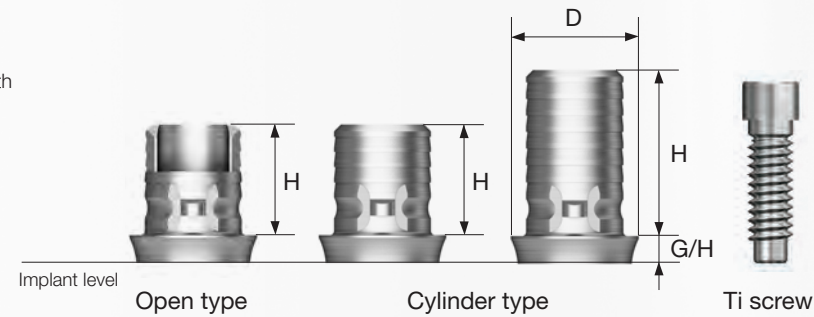
Abutment + Ti screw order code
: product code + **TH** (ex : SSPL4840C**TH**)

D Ø5.1		H \ G/H		D Ø6.3	
R		Type		W	
				Type	
				0.5	
Ti screw					
		4.0 Cylinder Type		4.0 Cylinder Type	
		SSPL4840C		SSPL6040C	
		6.0 Cylinder Type		6.0 Cylinder Type	
		SSPL4860C		SSPL6060C	

Digital Prosthetics Link Abutment (for public / Cerec)

US Link Abutment for Public NEW 2020.12

- Abutment for fabrication of cement-retained/combination/screw-retained prosthesis
- Used for fabrication of Ti + Zr custom abutment with CAD/CAM equipment
- The official Osstem Implant Library is provided
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw



Abutment + Ti screw order code
: product code + **TH** (ex : USPL4241OTH)

D Ø4.2



Ti screw : ASR200

H \ G/H Type	1	
4.0 Open Type	USPL4241O	-
4.0 Cylinder Type	-	USPL4241C
6.0 Cylinder Type	-	USPL4261C

D Ø4.6



Ti screw : ASR200

H \ G/H Type	1	
4.0 Open Type	USPL4641O	-
4.0 Cylinder Type	-	USPL4641C
6.0 Cylinder Type	-	USPL4661C

D Ø6.3



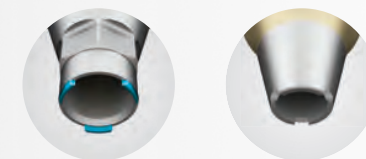
Ti screw : ASR200

H \ G/H Type	1	
4.0 Open Type	-	-
4.0 Cylinder Type	-	USPL5541C
6.0 Cylinder Type	-	USPL5561C

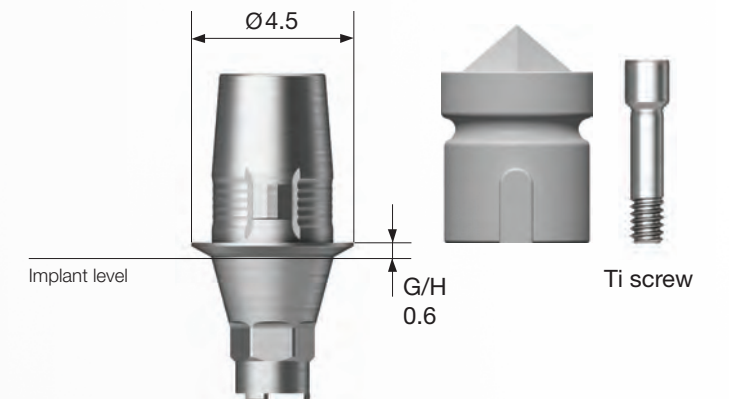
KS Link Abutment for Cerec 2020.07

- Abutment for fabrication of cement-retained/combination/screw-retained prosthesis
- Used for fabrication of Ti + Zr custom abutment with Cerec CAD/CAM equipment
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw + scan body

Abutment + screw + scan body order code
: product code + **TH** (ex : KSCTBTH)



KS products have a cylinder and a slot at the bottom
KS non-hex products have a slot at the bottom



Type	Hex	Non-Hex
	KSCTB	KSCTBN

KS Cerec Scan Post

- Used for the scan body of Cerec Link Abutment with little vertical exposure (When the implant is deeply placed or the soft tissue is thick)
- Scanning by connecting Scan Body for Cerec Link Abutment
- Tightened with a 1.2 hex driver
- Packing unit : scan post + Ti screw

Scan post + screw order code
: product code + **TH** (ex : KSCSPTH)



Digital Prosthetics Link Abutment (for public / Cerec)

TS Link Abutment for Cerec 2015.12

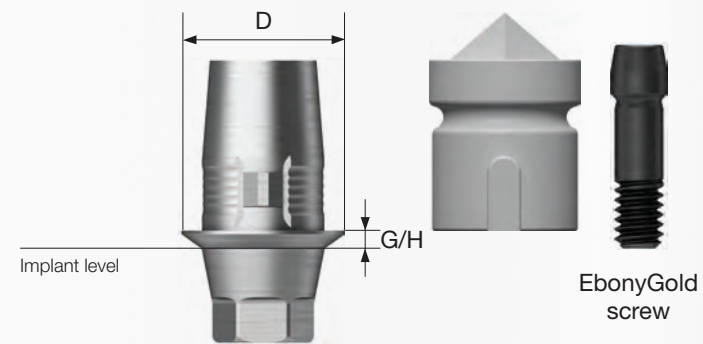
- Abutment for fabrication of cement-retained/combination/screw-retained prosthesis
- Used for fabrication of Ti + Zr custom abutment with Cerec CAD/CAM equipment
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm(mini), 30Ncm(regular)
- Packing unit : abutment + EbonyGold screw + scan body

Abutment + EbonyGold screw + scan body order code

: product code + **WH** (ex : TSCTBR**WH**)

M Mini

R Regular



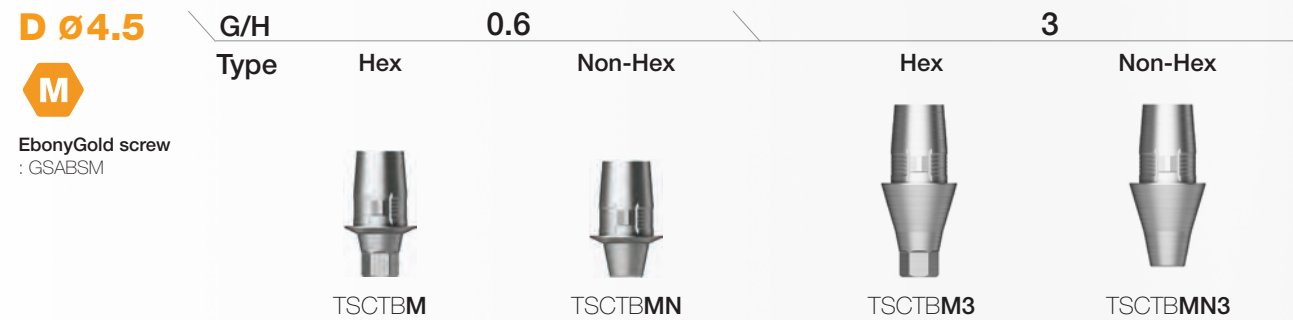
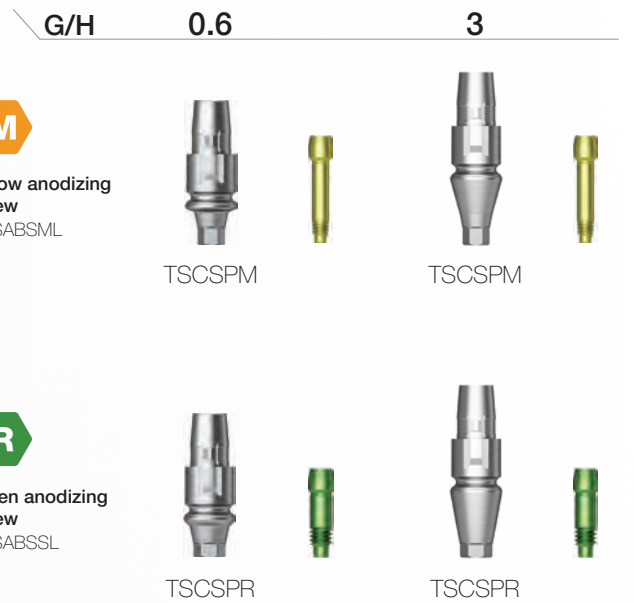
TS Cerec Scan Post

- Used for the scan body of Cerec Link Abutment with little vertical exposure (When the implant is deeply placed or the soft tissue is thick)
- Scanning by connecting Scan Body
- Hand tightened with a 1.2 hex driver
- Packing unit : scan post + Ti screw

Scan post + screw order code
: product code + **TH** (ex : TSCSPR**TH**)

M Mini

R Regular



Cerec Scan Body

- Scanning by connecting Cerec Link Abutment or Scan Post
- Common use for KS/TS
- Packing unit : 10ea

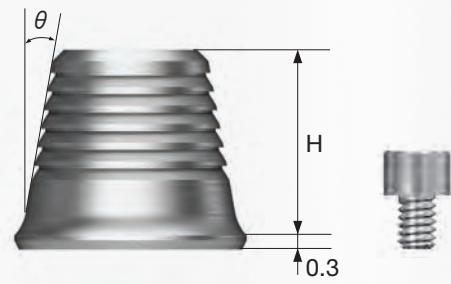


Digital Prosthetics TS Multi Ti Base

TS Multi Ti Base 2015.12

- Used for fabrication of combination-retained prosthesis in TS Multi Abutment
- Used by connecting TS Multi Scan Body
- Abutment level impression
- Only Non-hex type available
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : Ti base + Ti base screw

Ti base + Ti base screw order Code
: product code + **TH** (ex : TSMTB505G**TH**)



H \ Degree(θ)	5°	10°
4	 TSMTB0405G	 TSMTB0410G
6	 TSMTB0605G	-

TS Multi Scan Body

- Used for oral scanning by connecting to TS Multi Abutment
- Hand tightened with a 1.2 hex driver



TSMSBC

Digital Prosthetics Magic4

Magic4 2019.09

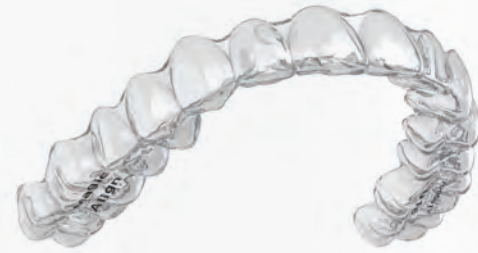
- Fixed hybrid denture based on digital prosthetics
- Placement of 4-6 implants
- Segmented T-bar
- Zirconia denture(gum reproduction)
- Complete in three visits
- Made to order



Digital Orthodontics Digital Clear Aligner

MagicAlign

- Clear orthodontic appliance based on digital fabrication
- Use of the 3-layer material 'MagicFoil'
 - 15% improvement of the orthodontic treatment effect compared to the 1-layer material
 - Wearing comfort and reduced initial pain for patients
- Design-patented attachment to enhance orthodontic retraction
- Regular checking of tooth displacement for proactive monitoring against clinical issues



OSSTEM[®]
IMPLANT

Dental Equipment

OSSTEM[®]
IMPLANT

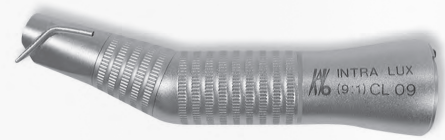
646 SURG300P Handpieces
647 EXPERTSurg
648 SM3

650 Special Handpiece
659 Osstell BEACON
660 Osstem Torque

SURG300P Handpieces

INTRA-LUX Surgery Shank CL09 (SURG300P)

- Reduction ratio: 9:1
- Glass rod optical fiber
- Convenient removal
- Reinforced drill chuck
- Reinforced reduction gear
- Speed range : 11~1,500rpm
- 25,000lux



CL09

INTRA-LUX Surgery Head CL3 (SURG300P)

- Reduction ratio: 3:1
- Max torque: 55Ncm



CL3

EXPERTSurg

EXPERTSurg LUX

- Powerful yet compact and lightweight motor
- LED light with motor
- One touch auto calibration
- Real-time torque
- Max torque: 5.5Ncm
- Reduction ratio : 20:1
- Speed range : 15~2,000rpm
- Programs : 4~10steps
- Manufacturer: Kavo, Germany



EXPERTSurg

SURGmatic S201L PRO

- Reduction ratio : 20:1
- RPM : 15~2,000rpm
- Max torque: 55Ncm
- Removable round bur
- Small head, capable of both internal and external irrigation
- Manufacturer: Kavo, Germany



S201L

SURGmatic S11L ^{Option}

- Reduction ratio: 1:1
- Max. speed: 40,000rpm
- Max torque: 5.5Ncm
- For use with standard-length (44.5mm) handpiece burs and contra-angle burs
- Manufacturer: Kavo, Germany



S11L

SM3

SM3

- Powerful torque (80Ncm)
- LED lux (3 adjustable brightness levels)
- Compact and lightweight motor
- Advanced torque calibration system (calibration)
- Large LCD screen allows comprehensive display of information
- Max. speed: 40,000 rpm
- Max torque: 80Ncm
- Program : 8 program * 8 system
- Manufacturer: NSK, Japan



SM3

S200EL

- Reduction ratio : 20:1
- Max. speed: 2,000 rpm
- Manufacturer: NSK, Japan



S200EL

OSSTEM[®]
IMPLANT

Special Handpieces SONICflex & Tips

SONICflex®

- For prophylaxis, periodontics, endodontics, prosthetics and implant care
- Glass rod optical fiber
- MULTiflex coupling
- 6000Hz
- Improved chuck system
- Three-level performance settings (120,160, 240µm)
- Includes scaler tips Nos. 5/6/7
- Includes a torque wrench

With Lux

2003L



Sonicflex® Scaler

- Wide tip for removing stubborn calculus/tartar (3 types)
- Pocket cleaning up to a set depth

	No. 5	0.571.5171
	No. 6	0.571.5181
	No. 7	0.571.5191
	No. 8	0.571.5371



Sonicflex® Para

- Tip for gentle and effective cleansing in pockets up to 9mm deep and preservation of healthy tooth (3 types)
- Pocket cleaning up to a set depth

	No. 60	0.571.7402
	No. 61	0.571.7412
	No. 62	0.571.7422



Sonicflex® Rootplaner

- Effective cleaning for difficult-to-reach furcations
- Periodontal surgery or root planing
- Diamond coating









	No. 24	0.571.5621
	No. 25	0.571.5631
	No. 26	0.571.5641
	No. 27	0.571.5651

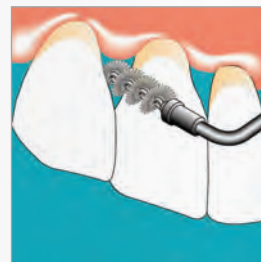


Special Handpieces SONICflex & Tips

Sonicflex® Clean



- Extensive range of oscillating brushes (6 types)
- For gentle cleaning and polishing
- Sonicflex Clean brushes can be autoclaved up to 10 times

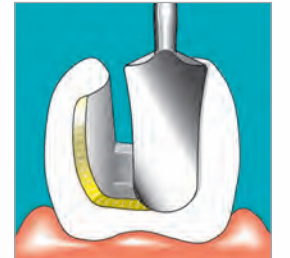
	5 units for 6 brush type	0.571.0001
	Brush No.1	0.571.0402
	Brush No.2	0.571.0412
	Brush No.3	0.571.0422
	Brush No.4	0.571.0432
	Brush No.5	0.571.0472
	Brush No.6	0.571.0482
	Tip No. 48	0.571.0401



Sonicflex® Prep Gold



- Preparation tips, diamond-coated on one side for finishing the edges of cavities, specially developed for gold inlays and partial crowns (2 types)
- The attachment geometry for gold inlays and partial crowns is precisely transferred

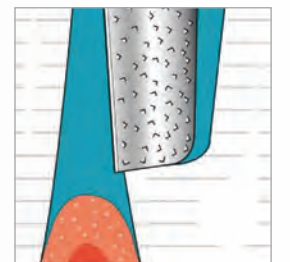
	No. 49	0.571.7212
	No. 50	0.571.7222



Sonicflex® Prep CAD/CAM



- Enables precise finishing preparation to the specific requirements of CAD/CAM systems
- Lateral 60°, Cervical 90°

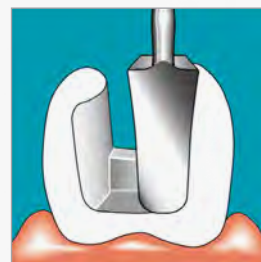
	No. 34	1.002.1984
	No. 35	1.002.1986



Sonicflex® Prep Ceram



- Tip for precise preparation of various bevel-angles around proximal box margins
- Lateral 60°, Cervical 75°, suitable for ceramic inlays

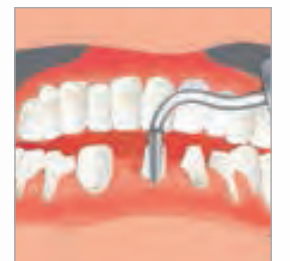
	No. 51	0.571.7262
	No. 52	0.571.7262



Sonicflex® Crown Prep

- Crown preparation- final preparation of abutment or rounding of margins

	No. 97	1.008.6383
	No. 98	1.008.6385



Special Handpieces SONICflex & Tips

Sonicflex® Cem

- Gentle and secure placement of inlays (1 type)
- Viscous resin is quickly liquefied



No. 12 0.571.5431

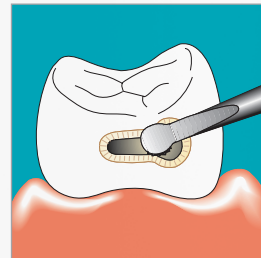


Sonicflex® Microinvasive

- Tips are designed for small, difficult-to-access lesions (caries) in the proximal region (6 types)
- Diamond coated on one side to allow direct occlusal and lateral access to existing lesions (caries)
- Used for maintenance of healthy tooth substance



No. 30 0.571.6811
 No. 31 0.571.6801
 No. 32 0.571.6831
 No. 33 0.571.6821

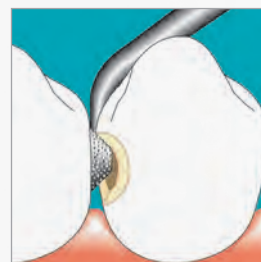


Sonicflex® Bevel

- Diamond coated on one side for bevels formed by very small caries (2 types)
- Ease of attachment
- Minimizes marginal leakage



No. 58 0.571.7392
 No. 59 0.571.7382



Sonicflex® Implant Tip

- Effective removal of subgingival plaque and calculus around implants



Tip, 48 + 10 Polymer pins 1.003.8167
 30pcs Polymer Pins 1.003.8168

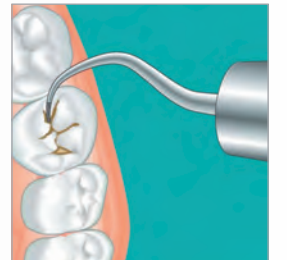


Sonicflex® Seal

- Minimally invasive treatment of fissures (1 type)

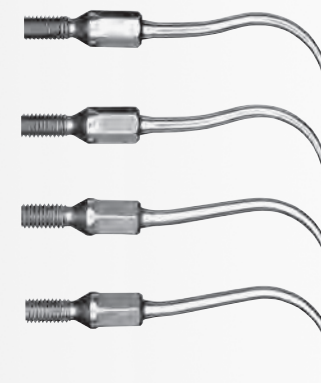


No. 45 1.000.8323

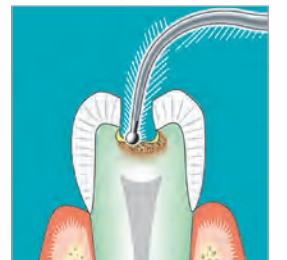


Sonicflex® Line- cari ex D/TC

- Minimally invasive treatment and removal of carious dentin (4 types)
- Cariex TC : For removal of large caries
- Cariex D : For removal of small caries that may develop into cavity formation



No. 42 1.000.7105
 No. 43 1.000.7167
 No. 71 1.000.7362
 No. 72 1.000.7363



Special Handpieces SONICflex & Tips

Sonicflex® Line- endo

- Shaping of canal entrances (5 types)
- Shaping of the pulp cavity for coronal root preparation
- Searching for canals
- Removal of soft materials during revision



No. 66	1.000.5825
No. 67	1.000.5822
No. 68	1.000.5823
No. 69	1.000.5827
No. 70	1.000.5821

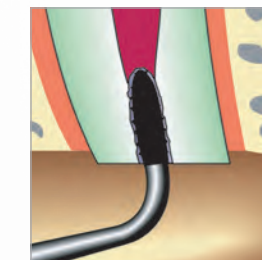


Sonicflex® Retro

- Diamond coated, contra-angle tip (7 types)
- Preparation of root canal, retrograde root preparation
- Prevention of root damage from hairline cracks
- Support of tooth stability, Protection of the periapical bone
- Preparation along a precise axis



No. 16	0.571.5541
No. 56	0.571.7322
No. 20	0.571.5521
No. 21	0.571.5561
No. 57	0.571.7332
No. 17	0.571.5581
No. 55	0.571.7342



Special Handpieces SONICflex & Tips

Torque Wrench

1.000.4887



Sterilization cassette (6tips)

0.411.9101



Osstell BEACON

Osstell BEACON NEW 2019.10

- Instrument for measurement of implant stability with wireless operation
- Resonance Frequency Analysis (RFA)-based measurement
- Measurement of Implant Stability Quotient (ISQ) using Smart Pegs
 - ISQ presented as 1-100, with higher value indicating more stable implant
 - Treatment protocol is determined at the stage of implant placement (immediate, early, traditional)
 - Enabling prompt determination on the success of the implant treatment outcome
 - Capable of measuring implant stability for most of the commercial products
- Connection with a data cloud system (osstellconnect.com)
- Product specification: Main body 70g, USB charging mode, motion activation (on/off)
- Manufacturer: Osstell AB/ Sweden

103000



Osstem Torque 2009.01

Osstem Torque II

- Ideal for surgical procedures in posterior region difficult to access with a wrench
- For use as a cover screw or a healing abutment driver
- Suitable for final prosthesis setting

SD-TORQUE



Osstem Torque Driver

- Dedicated driver for Osstem Torque
- Used after matching the triangle on the outside of the driver with the groove or side of the abutment
- Recommended tightening torque: 30Ncm (Excluding 1.2 hex type)
- Compatible with Solid Driver and Excellent Solid Driver for Ø 4.8 only
- Assembly to general handpiece not possible
- Length of 1.2 hex (tip) : 5.0



L \ Type	1.2 Hex	Rigid 4.0	Rigid 4.5	Rigid 5.0	Rigid 6.0	Solid	Excellent Solid
Short (10)	OTH12S	OTR40S	OTR45S	OTR50S	OTR60S	OTS48S	OTE48S
Long (15)	-	OTR40L	OTR45L	OTR50L	OTR60L	OTS48L	OTE48L



Osstem Implant System Product Description

Osstem Implant offers a variety of dental implants, and the implants made of medical grade titanium. The abutments, prosthetic materials and surgical kits and instruments of Osstem Implant are only compatible with the implants of Osstem Implants. If used with products of other manufacturers, it may cause problems including loosening and fractures due to incomplete tightening and compatibility issues. For more details about individual products, please refer to the user manual, product catalog or visit our company website (www.osstem.com). Please check the product labels for product codes, specifications, date of manufacture and expiration date.

Sterilization

Implants, cover screws and healing abutments are cleansed and gamma-sterilized. These products are sterile, disposable medical instruments and must be handled in a sterile field using sterilized tools to prevent contamination and infection of the product or treatment area. If the packaging has been opened, damaged or the product has expired, the product must be discarded due to the risk of contamination, infection and osseointegration failure. If re-sterilized or re-used, the product may result in infection, osseointegration failure, and damage to implants due to reduced precision.

Storage Conditions

Store in a dry place at room temperature (1~30°C). Keep away from direct sunlight

General Precautions

The surgical techniques of dental implant procedure involve a complex process by dental professional. To perform implant surgery, relevant formal training and education are required. If the patient has bone disease (osteoporosis, osteomalacia) or metabolic bone diseases, special considerations should be given to these conditions prior to surgery.

Precautions

Suitability of bone and proper surgical procedures should be taken into account when determining an implant surgery. Adequate implants should be prepared in consideration of anticipated situations and precautions. Excessive occlusal load may cause loosening or fracture of an implant, and for prevention, the implant must be placed in accurate location and direction considering the positional relationship between the implant and opposing dentition. A comprehensive dental examination including radiographs is essential to determine baseline information required for the procedure, occlusal conditions and adequacy of the bone. Surgical planning, sufficient radiographic examination, and inspection of the implant site and surrounding structures are required prior to implant surgery.

Procedural precautions

Osstem Implant System is for single- or two-stage procedure. Special attention should be paid to temperature, surgical lesions and removal of the sources of contamination and infection in an attempt to minimize damage to the cell tissue of the patient. All drills and taps must be continuously and sufficiently irrigated for cooling. Implant placement should be accomplished at very low speed (25~30 rpm) or manually. Excessive torque (55Ncm or greater) can have adverse effects such as partial fracture or necrosis of the bone. Placing an implant tilted by 30° or higher is not recommended due to possible fracture of implant. Immediate loading to the implant after the surgery should be avoided. The bone quality and primary stability after implant placement are important factors in determining the appropriate loading time. Mini-diameter implant or implant with diameter of 4.0 or less assembled with Angled Abutment may be fractured due to limitations of structural rigidity, and thus they are not recommended for use in a posterior region. Ultra-wide Implants are intended for use only in the posterior region and should not be used with Angled Abutments. If considering the use of Ultra-wide Implant, radiographic evaluation should be performed to determine the bone mass and potential

anatomical restrictions. Short Implants (diameter 5mm or greater, length shorter than 7mm) are only used for the posterior region. Clinicians must thoroughly examine the patient for any of the following conditions: 1) Bone loss due to peri-implantitis, 2) Changes in implant's response to the percussion test, 3) Vertical changes in the osseointegrated implants determined by X-ray. If the Short Implant shows loosening or 50% or greater bone loss, the implant should be considered for removal. Clinicians should consider a two-stage procedure, splinting with another implant and placement of the widest possible diameter of implant. Allow sufficient healing time for osseointegration before prosthesis and avoid immediate loading. Products with diameter of 3.25mm or less must be used exclusively for mandibular anterior teeth in order to prevent fracture due to excessive occlusal load. Avoid applying HA-coated implants to hard bone because damage and cracks might occur in the coated layer. It is recommended that the placement torque of the implant be 35Ncm or less. The surfaces of CA and SOI have the same physical surface geometry as that of SA made through blasting and etching. These surfaces are designed to maintain the SA surface chemically activated by encasing CA in a solution and SOI in a hydrophilic coating after the SA surface treatment to prevent the product from being exposed to air. Thus, CA or SOI products should be placed in the target region at least within 15 minutes after removal from the vial.

Warning

Inadequate considerations in patient selection and improper treatment may result in dental implant failure or loss of bone supporting the implant. Products of Osstem Implant must not be used for purposes other than intended and must not be altered in any form. Implant loosening, bone loss and chronic infections may result in implant failure. Do not use the product if the patient is allergic to or sensitive to the raw materials used in the implants of Osstem Implant.

Indications

Implant System is an artificial tooth root designed for use in dental implant treatment to restore missing teeth. It can be placed via surgical procedures in maxillary or mandibular bone to replace natural tooth root. The System is intended for use in fabricating temporary or final prosthesis in the form of cement-retained, screw-retained, overdenture and fixed-bridge to replace a single tooth or multiple teeth in the maxillary/mandibular region or for partially or fully edentulous patients. Products with a diameter of 3.25mm or less must be used for mandibular anterior teeth only in order to prevent fracture from excessive occlusal load.

Side Effects

There are possible side effects after implant surgery (loss of implant stability, damaged prosthesis, etc.). These issues may be caused by the lack of available bone or poor bone quality, infection, allergic reaction, patient's poor oral hygiene or non-compliance with post-op procedures, movement of the implant, degradation of surrounding tissue, or improper placement/alignment of the implant.

Contraindications

Contraindications include the following, but are not limited to:

- Patients with hemophilia or issues related to bone or wound treatment
- Patients with uncontrolled diabetes or those who drink or smoke excessively
- Patients with compromised immune systems due to disease or chemo/radiation therapy
- Patients with oral infection or inflammation (improper oral hygiene or bruxism)
- Patients with incurable malocclusion/joint disorder and insufficient dental arch space
- Others who are deemed unsuitable for surgery
- Those who are allergic to or sensitive to the raw materials used in the implants of Osstem Implant.

OSSTEM[®]
IMPLANT

Manufacturer : Osstem Implant Co., Ltd.
203, Geoje-daero, Yeonje-gu, Busan, Korea
TEL 82-51-850-2500 FAX 82-51-861-4693

EC REP

DEUTSCHE OSSTEM GmbH.
Mergenthalerallee 25
65760 Eschborn, Germany
+49-(0)6196-777-550

Storage condition

Dry place at room temperature

Rx only

For USA only : Federal law restricts this device to sale by or on the order of a dentist



2460



Sterilized using irradiation



Use by



Manufacture



Do not reuse



Date of manufacture



Keep away from sunlight



Do not use, if package is damaged



Catalogue number



Non-Sterile



Keep dry



Batch code



Do not re-sterilize



Caution, Consult accompanying documents

OSSTEM[®]
IMPLANT



OSSTEM[®]
IMPLANT



2460



ИМ22