2022 - 23
IMPLANT SYSTEM

OSSTEM IMPLANT

Osstem Implant
2022-23 Comprehensive Catalog

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2022 - 23 IMPLANT SYSTEM

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CEO’s Message

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

GERMANY	ITALY
RUSSIA	CROATIA
UKRAINE	GREECE
FRANCE	LATVIA
HUNGARY	ESTONIA
SWITZERLAND	LEBANON
NORWAY	TUNISI
FINLAND	MACEDONIA
UK	SLOVENIA
POLAND	KOSOVO
ROMANIA	BULGARIA
CZECH	GEORGIA
SLOVAKIA	EGYPT
SERVIA	SOUTH AFRICA
PORTUGAL	ALBANIA
SPAIN	TAJIKISTAN

ASIA / OCEANIA

KOREA	AUSTRALIA
JAPAN	NEW ZEALAND
CHINA	TURKEY
CHINESE TAIPEI	PAKISTAN
VIETNAM	KUWAIT
BANGLADESH	U.A.E
HONG KONG, CHINA	SAUDI
MONGOLIA	IRAN
MALAYSIA	CAMBODIA
SINGAPORE	PAPUA NEW GUINEA
INDIA	MYANMAR
PHILIPPINES	SRI LANKA
THAILAND	OMAN
INDONESIA	JORDAN
KAZAKHSTAN	PALESTINE
UZBEKISTAN	

N/S.AMERICA

CANADA	COSTA RICA
USA	PERU
MEXICO	BRAZIL
CHILE	

1997

- 01 Established Osstem(D&D System)
- 12 Launched “Doobunae”(health insurance claiming software)

2000

- 06 Launched “Hanaro” (total denta
- 12 Acquired Sumin Comprehensive Dental Materials (South Korea’s first implant manufacturer)

2001

- 01 CE-0434 certification
- 03 Established AIC Training Center

2002

- 01 Osstem Implant Research Center
- 08 Obtained US FDA certificate

2003

- 07 Established Information System Research Institute

2006

- 03 Changed the company name to Osstem Implant Co., Ltd.
- 09 Established a subsidiary in the U.S. (HIOSSEN), and set up the manufacturing facilities
- 12 Completed the first -phase establishment of overseas subsidiaries (12 countries)

2007

- 02 Listed on KOSDAQ and began trading
- 11 Won the “$10 Million Export Tower” on Trade Day

2008

- 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

2010

- 03 Released TSIII SA implant
- 06 Released TSIII HA implant

2011

- 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
- 12 Selected as Current World-Class Product by the Ministry of Knowledge Economy

2012

- 02 Opened denall.com
- 06 Released TSIII CA implant Opened denjob.com
- 07 Established Medical Equipment Research Center

2013

- 01 Released Xenograft A-Oss
- 09 Launched “K3 dental unit chair”

2014

- 05 Launched impression material “Hysil”
- 08 Launched whitening solution “BeauTis”

2015

- 03 Established Osstem Pharma Co., Ltd.
- 12 Awarded the “$50 Million Export Tower” on Trade Day

2016

- 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

2017

- 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 25 countries in total)

2018

- 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

2019

- 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

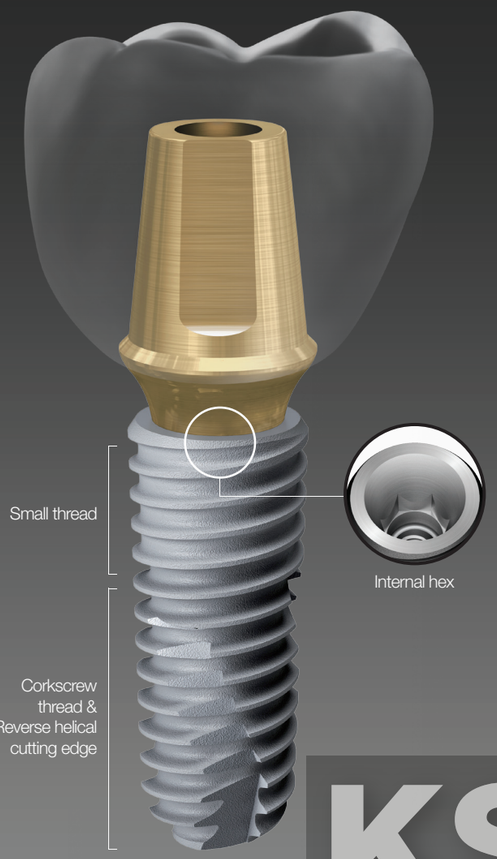
2020

- 01 Launched “OneClick” the electronic chat for dental clinics
- 02 Established "DenAll", the comprehensive dental portal
- 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)

2021

- 01 World No.1 seller for fixtures for foure 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

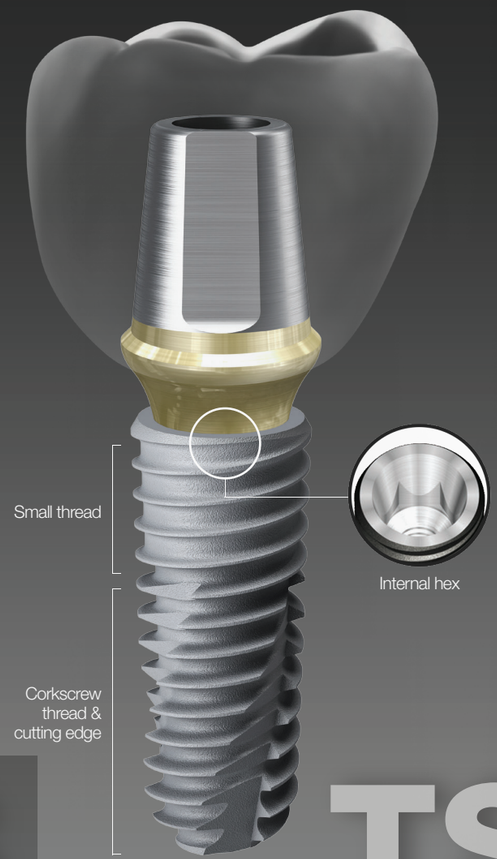
OSSTEM Implant Design feature



KS

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



TS

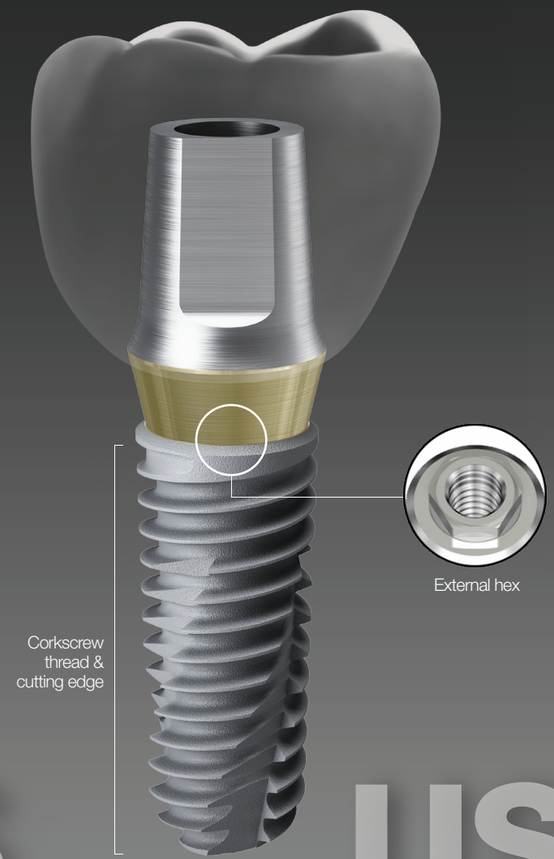
Submerged type implant with an internal hex 11° tapered connection structure

- 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

SS

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



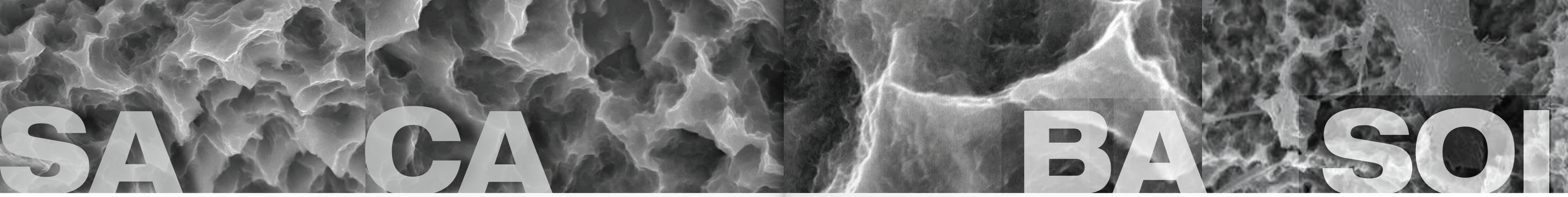
US

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

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

Optimized surface morphology through acid-etching treatment

- Surface roughness: Ra 2.0-3.0㎛ (Note: the roughness in the upper 0.5mm part is Ra 0.5-0.6㎛)
- Uniform surface micro-pits of 1~3㎛
- 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

CA

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

BA

Premium low crystalline nano-HA coated SA surface

- 10nm ultra-thin HA coating
- SA surface (Ra 2.0~3.011㎛) 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

SOI

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㎛) 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

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

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

MS SYSTEM Contents

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

KIT Contents 1/3

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 Drilll

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 Trephine 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

KIT Contents 2/3

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)

KIT Contents 3/3

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

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

ONE DIGITAL Contents 1/2

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 (Ivocalr)

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 Zirmon / 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)

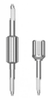
550 OneGuide KS NoMount Driver
550 OneGuide KS Implant Driver
551 OneGuide SS NoMount Driver
551 OneGuide SS Implant Driver
551 OneGuide Drill Handle

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

ONE DIGITAL Contents 2/2

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

Dental Equipment Contents 1/2

646 INTRA-LUX 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

KS SYSTEM

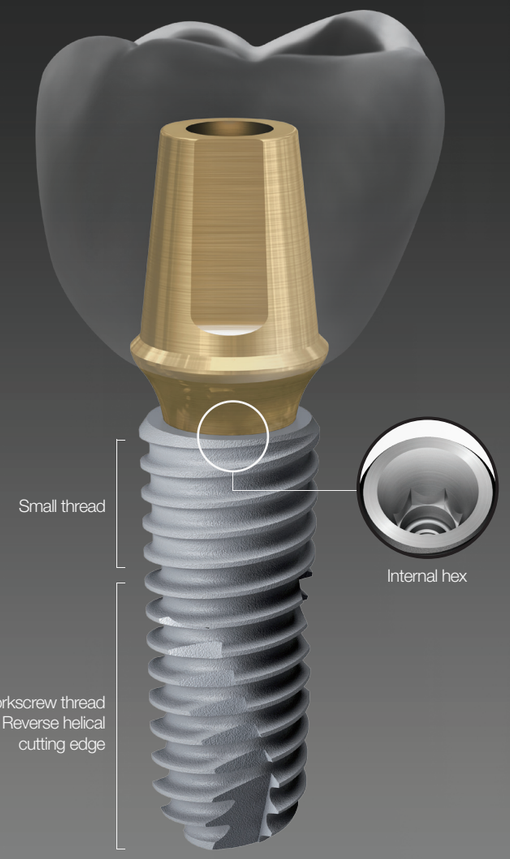
IMPLANT

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

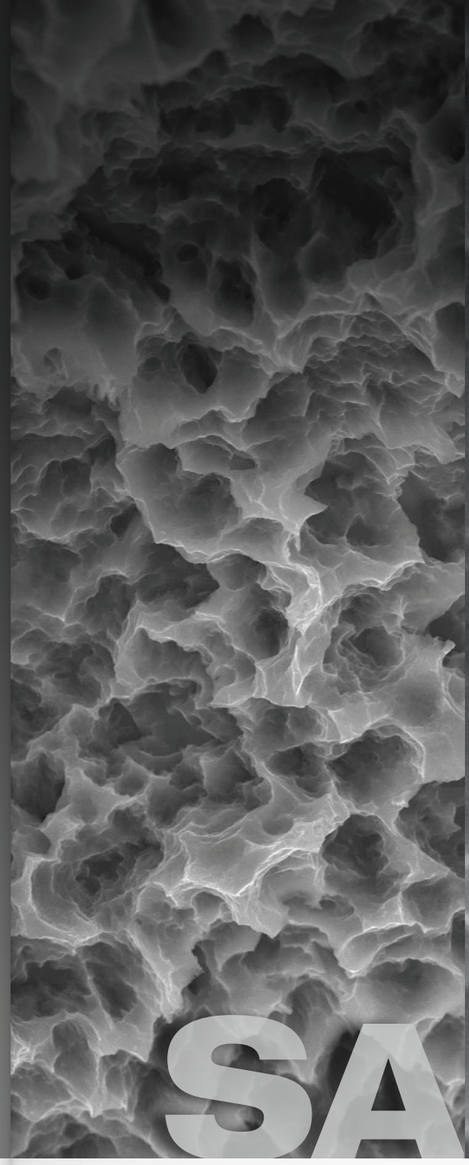
COMPONENTS

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

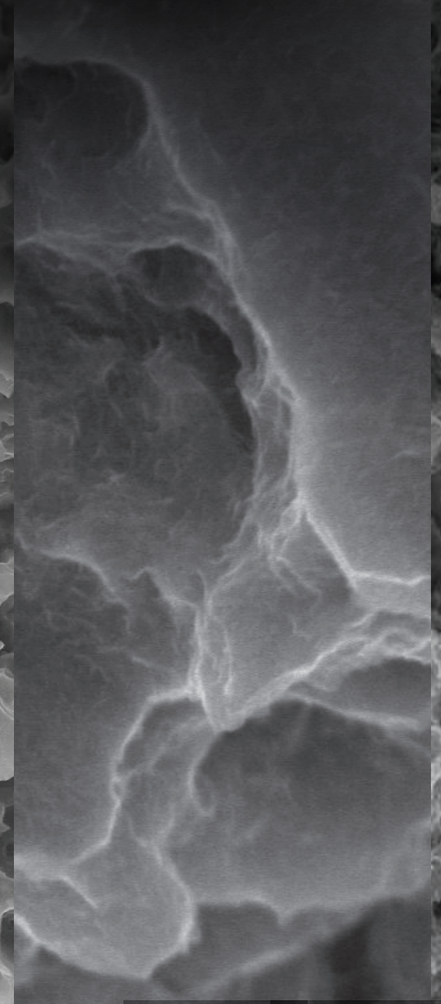
KS Design & **Surface** Feature



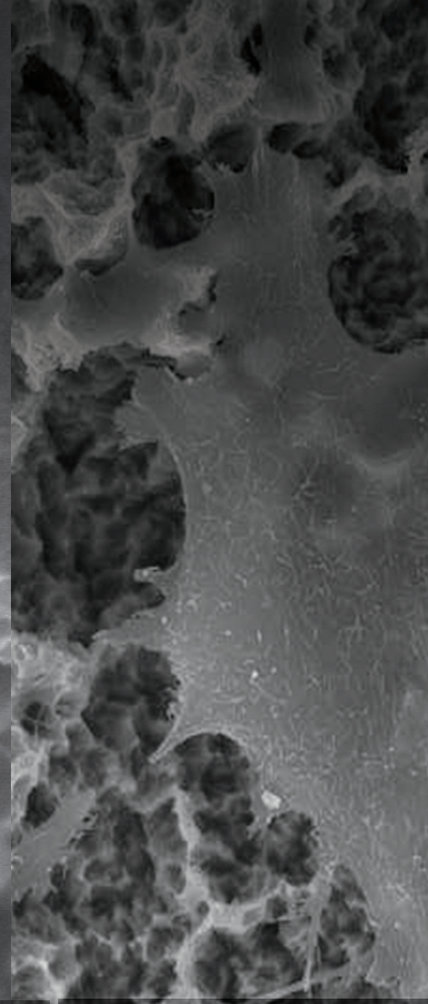
KS



SA



BA



SOI

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㎛ (Note: the roughness in the upper 0.5mm part is Ra 0.5-0.6㎛)
- Uniform surface micro-pits of 1~3㎛
- 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㎛) 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

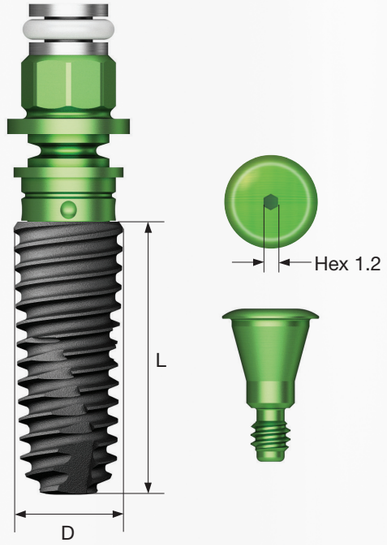
Narrow

- 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

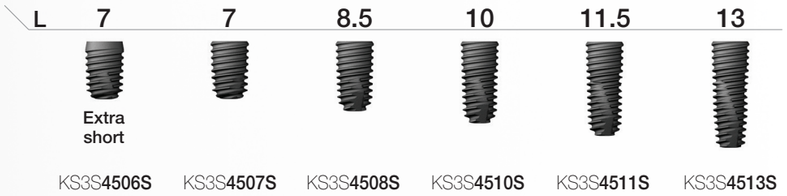
D ø3.0
Hex 2.1
Narrow

KS3S**3008S** KS3S**3010S** KS3S**3011S** KS3S**3013S**

D ø3.5
Hex 2.1

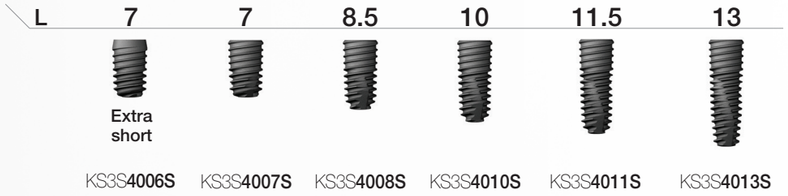
KS3S**3508S** KS3S**3510S** KS3S**3511S** KS3S**3513S**

D ø4.5
Hex 2.1



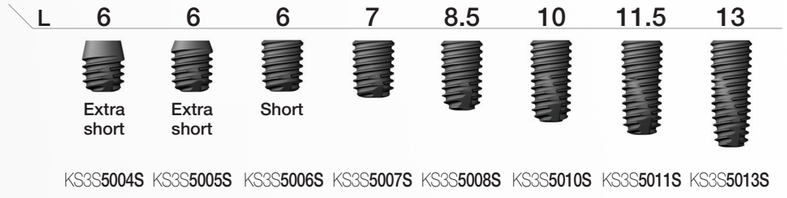
KS3S**4506S** KS3S**4507S** KS3S**4508S** KS3S**4510S** KS3S**4511S** KS3S**4513S**

D ø4.0
Hex 2.1



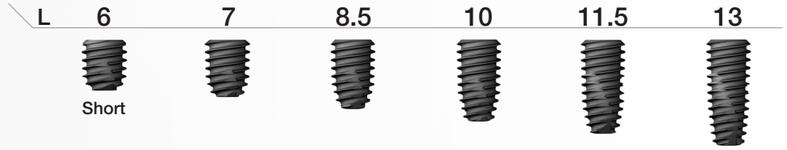
KS3S**4006S** KS3S**4007S** KS3S**4008S** KS3S**4010S** KS3S**4011S** KS3S**4013S**

D ø5.0
Hex 2.1



KS3S**5004S** KS3S**5005S** KS3S**5006S** KS3S**5007S** KS3S**5008S** KS3S**5010S** KS3S**5011S** KS3S**5013S**

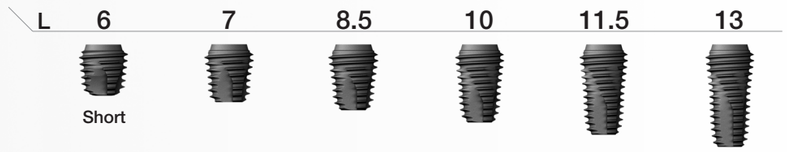
D ø5.5
Hex 2.1



KS3S**5506S** KS3S**5507S** KS3S**5508S** KS3S**5510S** KS3S**5511S** KS3S**5513S**

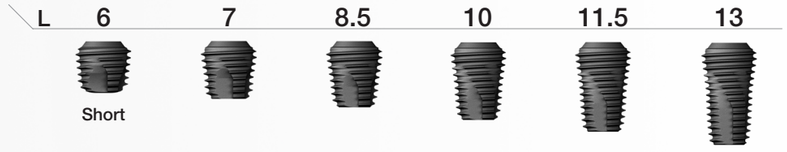
Ultra-Wide

D ø6.0
Hex 2.1



KS3S**6006S** KS3S**6007S** KS3S**6008S** KS3S**6010S** KS3S**6011S** KS3S**6013S**

D ø7.0
Hex 2.1



KS3S**7006S** KS3S**7007S** KS3S**7008S** KS3S**7010S** KS3S**7011S** KS3S**7013S**

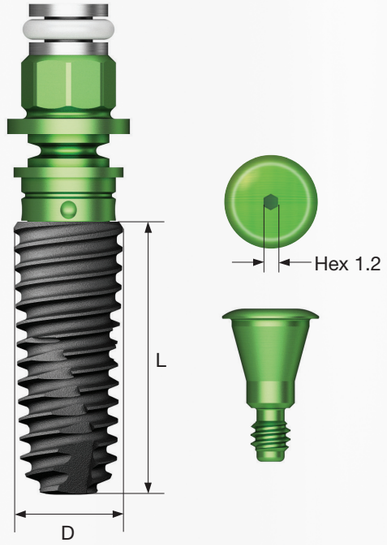
KSIII BA Implant 2019.10

- 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

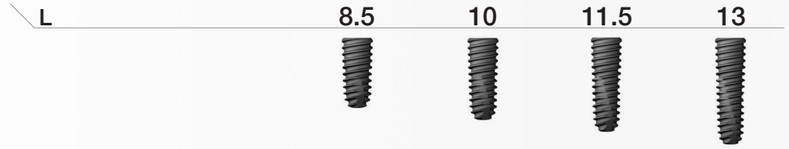


NoMount implant (implant + cover screw) order code
: C + implant product code (ex : CKS3S4010B)

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 ø3.5 Hex 2.1

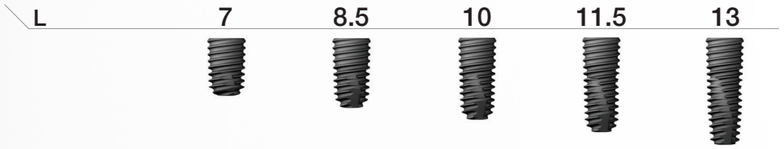


KS3S**3508B** KS3S**3510B** KS3S**3511B** KS3S**3513B**

D ø4.0 Hex 2.1

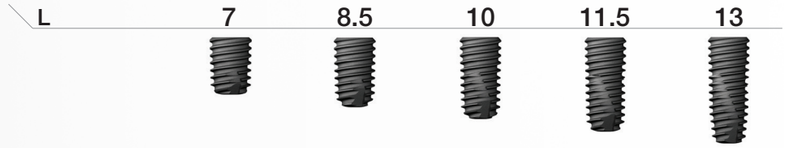
KS3S**4007B** KS3S**4008B** KS3S**4010B** KS3S**4011B** KS3S**4013B**

D ø4.5 Hex 2.1



KS3S**4507B** KS3S**4508B** KS3S**4510B** KS3S**4511B** KS3S**4513B**

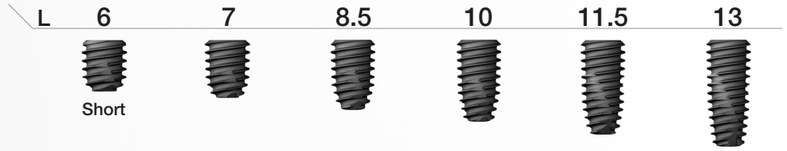
D ø5.0 Hex 2.1



KS3S**5007B** KS3S**5008B** KS3S**5010B** KS3S**5011B** KS3S**5013B**

NEW 2021.07

D ø5.5 Hex 2.1

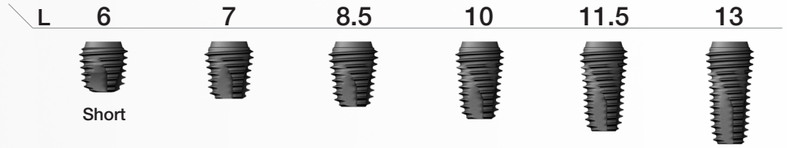


KS3S**5506B** KS3S**5507B** KS3S**5508B** KS3S**5510B** KS3S**5511B** KS3S**5513B**

NEW 2021.07

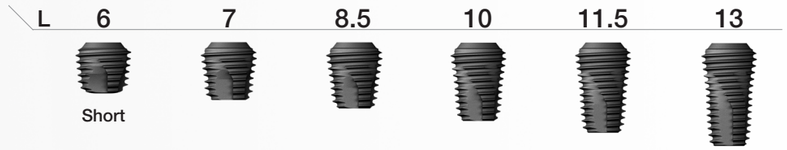
Ultra-Wide

D ø6.0 Hex 2.1



KS3S**6006B** KS3S**6007B** KS3S**6008B** KS3S**6010B** KS3S**6011B** KS3S**6013B**

D ø7.0 Hex 2.1



KS3S**7006B** KS3S**7007B** KS3S**7008B** KS3S**7010B** KS3S**7011B** KS3S**7013B**

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

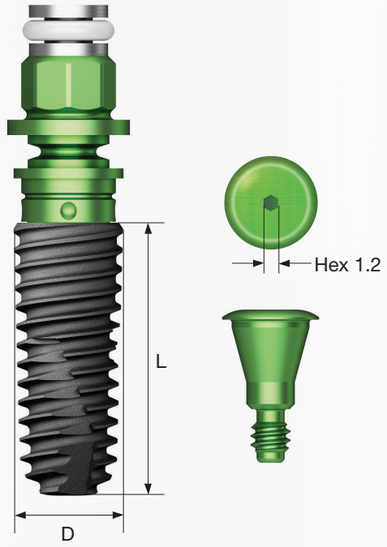
- Used for narrow bone width
- Ease in compensation of placement angle in the anterior region
- Compatible with the existing mini abutments (Not compatible in terms of cover screws, mounts and lab analog)

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: ≤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 : **C**KS3S4010A)
※ NoMount only for all sizes



D ø3.0 Hex 2.1 Narrow

L	8.5	10	11.5	13
	KS3S**3008A**	KS3S**3010A**	KS3S**3011A**	KS3S**3013A**

D ø3.5 Hex 2.1

L	8.5	10	11.5	13
	KS3S**3508A**	KS3S**3510A**	KS3S**3511A**	KS3S**3513A**

D ø4.0 Hex 2.1

L	7	7	8.5	10	11.5	13
	Extra short					
	KS3S**4006A**	KS3S**4007A**	KS3S**4008A**	KS3S**4010A**	KS3S**4011A**	KS3S**4013A**

D ø4.5 Hex 2.1

L	7	7	8.5	10	11.5	13
	Extra short					
	KS3S**4506A**	KS3S**4507A**	KS3S**4508A**	KS3S**4510A**	KS3S**4511A**	KS3S**4513A**

D ø5.0 Hex 2.1

L	6	6	6	7	8.5	10	11.5	13
	Extra short	Extra short	Short					
	KS3S**5004A**	KS3S**5005A**	KS3S**5006A**	KS3S**5007A**	KS3S**5008A**	KS3S**5010A**	KS3S**5011A**	KS3S**5013A**

D ø5.5 Hex 2.1

L	6	7	8.5	10	11.5	13
	Short					
	KS3S**5506A**	KS3S**5507A**	KS3S**5508A**	KS3S**5510A**	KS3S**5511A**	KS3S**5513A**

Ultra-Wide

D ø6.0 Hex 2.1

L	6	7	8.5	10	11.5	13
	Short					
	KS3S**6006A**	KS3S**6007A**	KS3S**6008A**	KS3S**6010A**	KS3S**6011A**	KS3S**6013A**

D ø7.0 Hex 2.1

L	6	7	8.5	10	11.5	13
	Short					
	KS3S**7006A**	KS3S**7007A**	KS3S**7008A**	KS3S**7010A**	KS3S**7011A**	KS3S**7013A**

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

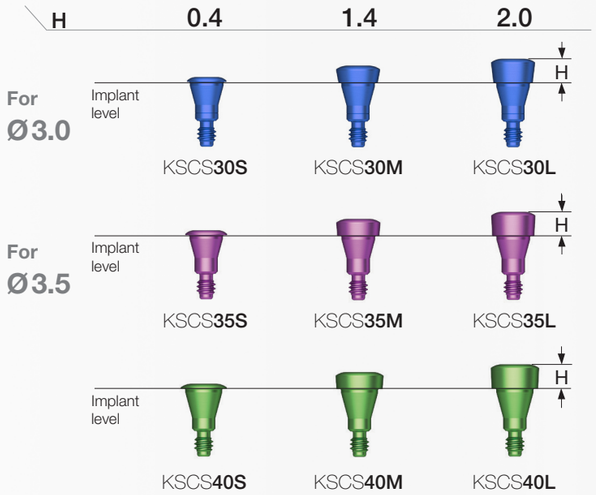
For
Ø3.0/3.5

KSSA**MM**

KSSA**MR**

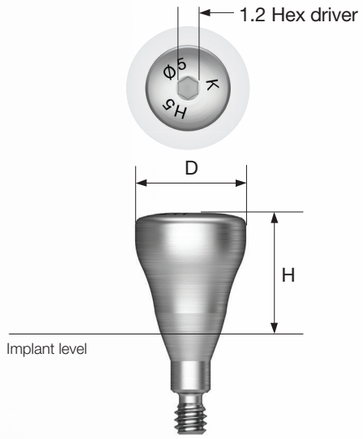
Cover Screw

- 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



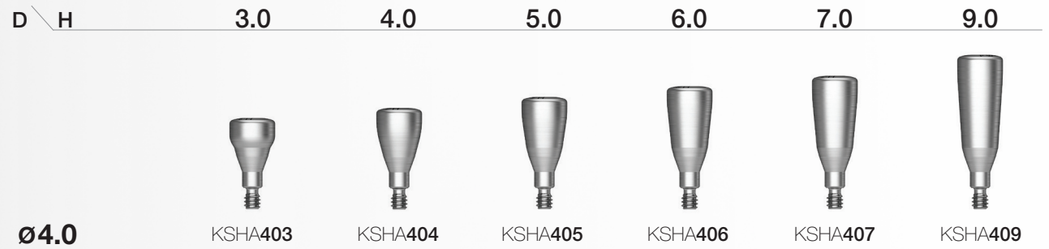
Healing Abutment

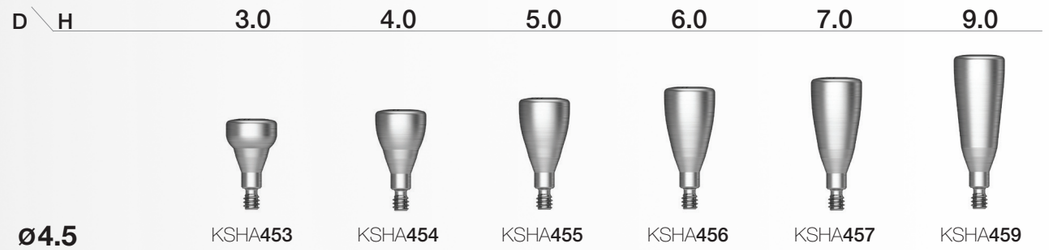
- Hand tightened with a 1.2 hex driver
- G/H height elevated by 0.5mm for Ø3.5 implant with abutment tightened



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	KSHA**503**	KSHA**504**	KSHA**505**	KSHA**506**	KSHA**507**	KSHA**509**

D \ H	3.0	4.0	5.0	6.0	7.0	9.0
ø6.0	KSHA**603**	KSHA**604**	KSHA**605**	KSHA**606**	KSHA**607**	KSHA**609**

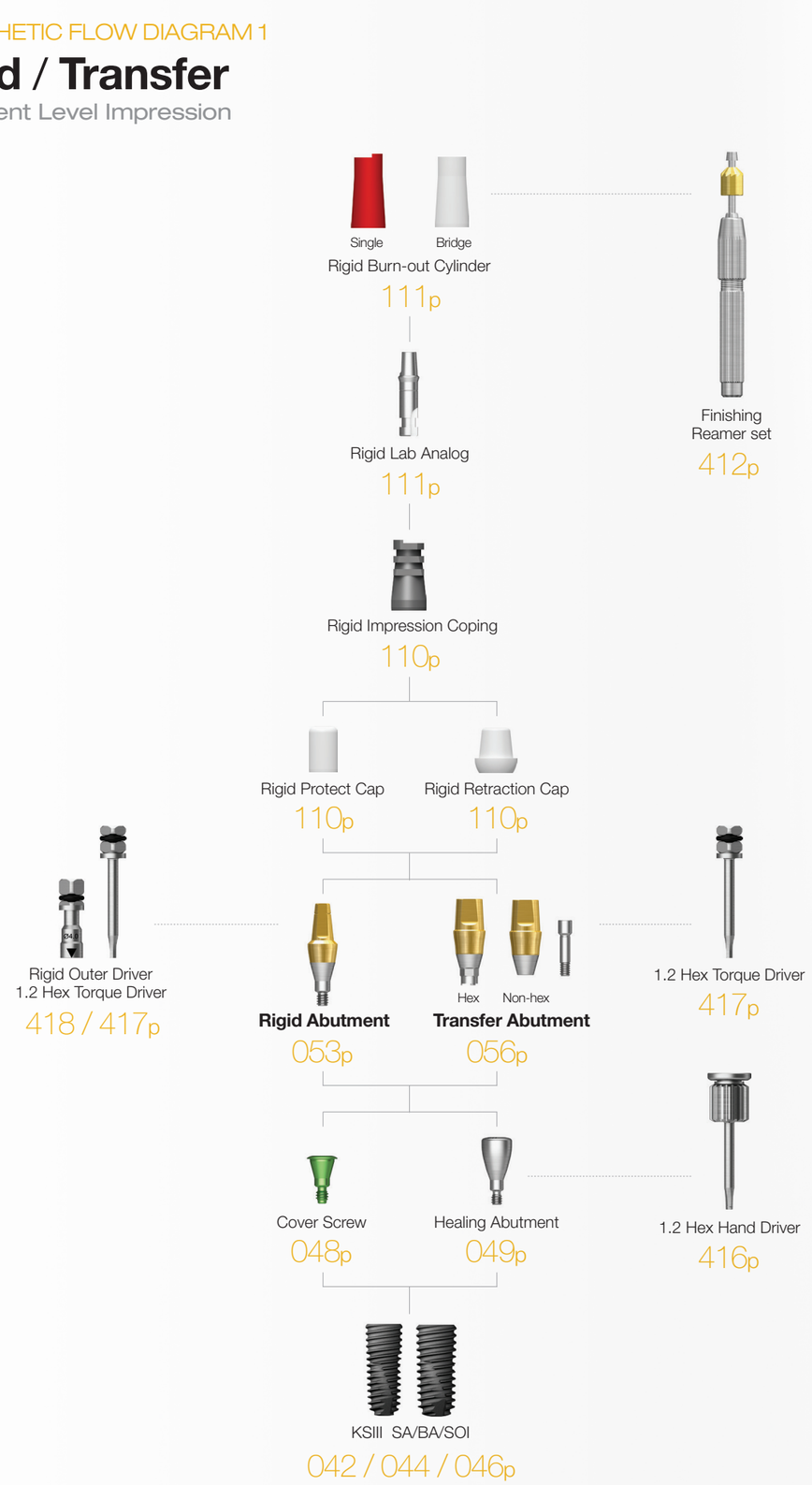
D \ H	3.0	4.0	5.0	6.0	7.0	9.0
ø7.0	KSHA**703**	KSHA**704**	KSHA**705**	KSHA**706**	KSHA**707**	KSHA**709**

D \ H	3.0	4.0	5.0	6.0	7.0	9.0
ø8.0	-	-	KSHA**805**	-	-	-

PROSTHETIC FLOW DIAGRAM 1

Rigid / Transfer

Abutment Level Impression

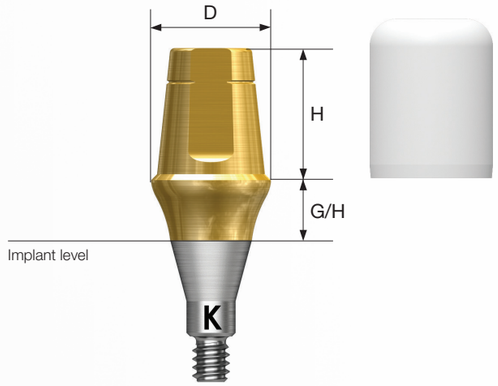


Rigid Abutment

- 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	KSRA**4410**	KSRA**4420**	KSRA**4430**	KSRA**4440**	KSRA**4450**
5.5	KSRA**4610**	KSRA**4620**	KSRA**4630**	KSRA**4640**	KSRA**4650**
7.0	KSRA**4710**	KSRA**4720**	KSRA**4730**	KSRA**4740**	KSRA**4750**

D ø4.5

H \ G/H	1.0	2.0	3.0	4.0	5.0
4.0	KSRA**4411**	KSRA**4421**	KSRA**4431**	KSRA**4441**	KSRA**4451**
5.5	KSRA**4611**	KSRA**4621**	KSRA**4631**	KSRA**4641**	KSRA**4651**
7.0	KSRA**4711**	KSRA**4721**	KSRA**4731**	KSRA**4741**	KSRA**4751**

Rigid Abutment

D ø5.0

H \ G/H	1.0	2.0	3.0	4.0	5.0
4.0	KSRA**5410**	KSRA**5420**	KSRA**5430**	KSRA**5440**	KSRA**5450**
5.5	KSRA**5610**	KSRA**5620**	KSRA**5630**	KSRA**5640**	KSRA**5650**
7.0	KSRA**5710**	KSRA**5720**	KSRA**5730**	KSRA**5740**	KSRA**5750**

D ø6.0

H \ G/H	1.0	2.0	3.0	4.0	5.0
4.0	KSRA**6410**	KSRA**6420**	KSRA**6430**	KSRA**6440**	KSRA**6450**
5.5	KSRA**6610**	KSRA**6620**	KSRA**6630**	KSRA**6640**	KSRA**6650**
7.0	KSRA**6710**	KSRA**6720**	KSRA**6730**	KSRA**6740**	KSRA**6750**

D ø7.0

H \ G/H	1.0	2.0	3.0	4.0	5.0
5.5	KSRA**7610**	KSRA**7620**	KSRA**7630**	KSRA**7640**	KSRA**7650**

OSSTEM IMPLANT

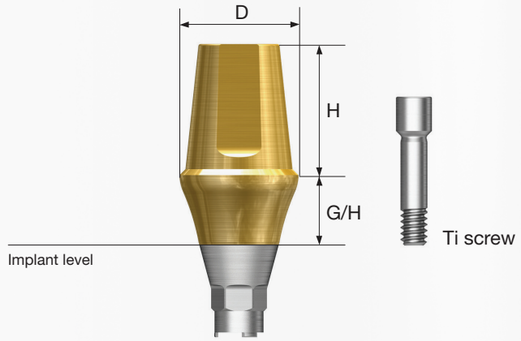
Transfer Abutment

- 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	5.5	KSTA4612	KSTA4622	KSTA4632	KSTA4642	KSTA4652
	7.0	KSTA4712	KSTA4722	KSTA4732	KSTA4742	KSTA4752
Non-Hex	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	5.5	KSTA4611	KSTA4621	KSTA4631	KSTA4641	KSTA4651
	7.0	KSTA4711	KSTA4721	KSTA4731	KSTA4741	KSTA4751
Non-Hex	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	KSTA5410	KSTA5420	KSTA5430	KSTA5440	KSTA5450
	5.5	KSTA5610	KSTA5620	KSTA5630	KSTA5640	KSTA5650
	7.0	KSTA5710	KSTA5720	KSTA5730	KSTA5740	KSTA5750
Non-Hex	4.0	KSTA5410N	KSTA5420N	KSTA5430N	KSTA5440N	KSTA5450N
	5.5	KSTA5610N	KSTA5620N	KSTA5630N	KSTA5640N	KSTA5650N
	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	KSTA6410	KSTA6420	KSTA6430	KSTA6440	KSTA6450
	5.5	KSTA6610	KSTA6620	KSTA6630	KSTA6640	KSTA6650
	7.0	KSTA6710	KSTA6720	KSTA6730	KSTA6740	KSTA6750
Non-Hex	4.0	KSTA6410N	KSTA6420N	KSTA6430N	KSTA6440N	KSTA6450N
	5.5	KSTA6610N	KSTA6620N	KSTA6630N	KSTA6640N	KSTA6650N
	7.0	KSTA6710N	KSTA6720N	KSTA6730N	KSTA6740N	KSTA6750N

D Ø7.0

Ti screw
: KSABST

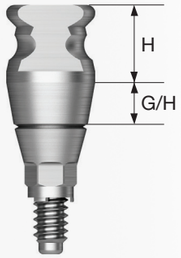
	H \ G/H	1.0	2.0	3.0	4.0	5.0
Hex	4.0	KSTA7410	KSTA7420	KSTA7430	KSTA7440	KSTA7450
	5.5	KSTA7610	KSTA7620	KSTA7630	KSTA7640	KSTA7650
Non-Hex	4.0	KSTA7410N	KSTA7420N	KSTA7430N	KSTA7440N	KSTA7450N
	5.5	KSTA7610N	KSTA7620N	KSTA7630N	KSTA7640N	KSTA7650N

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		KSBIC**4420H**	KSBIC**4430H**	KSBIC**4440H**	KSBIC**4450H**	KSBIC**4460H**
	5.0		KSBIC**4520H**	KSBIC**4530H**	KSBIC**4540H**	KSBIC**4550H**	KSBIC**4560H**
	6.0		KSBIC**4620H**	KSBIC**4630H**	KSBIC**4640H**	KSBIC**4650H**	KSBIC**4660H**
Ø 4.5	4.0		KSBIC**4421H**	KSBIC**4431H**	KSBIC**4441H**	KSBIC**4451H**	KSBIC**4461H**
	5.0		KSBIC**4521H**	KSBIC**4531H**	KSBIC**4541H**	KSBIC**4551H**	KSBIC**4561H**
	6.0		KSBIC**4621H**	KSBIC**4631H**	KSBIC**4641H**	KSBIC**4651H**	KSBIC**4661H**
Ø 5.0	4.0		KSBIC**5420H**	KSBIC**5430H**	KSBIC**5440H**	KSBIC**5450H**	KSBIC**5460H**
	5.0		KSBIC**5520H**	KSBIC**5530H**	KSBIC**5540H**	KSBIC**5550H**	KSBIC**5560H**
	6.0		KSBIC**5620H**	KSBIC**5630H**	KSBIC**5640H**	KSBIC**5650H**	KSBIC**5660H**

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

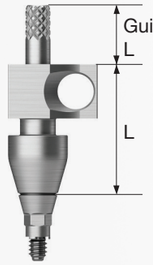
- G/H height elevated by 0.5mm for Ø 3.5 implant with the abutment tightened
- Assembled to the implant to be used for check bite impression
- Hand tightened with a 1.2 hex driver
- Packing unit : 2ea

D	L	4.0	6.0	8.0	10.0	12.0
Ø 4.5		KSBI**4504S**	KSBI**4506S**	KSBI**4508S**	KSBI**4510S**	KSBI**4512S**
Ø 5.5		KSBI**5504S**	KSBI**5506S**	KSBI**5508S**	KSBI**5510S**	KSBI**5512S**

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.

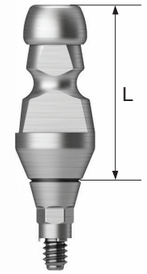
Products for KS non-hex implants have a slot at the bottom.

D \ L	11		Guide Pin 0	Guide Pin 5.0	Guide Pin 10	Guide Pin 15
	Type: Hex	Type: Non-Hex				
Ø 4.0	KSPI**4011**	KSPI**4011N**	KSPGP**100**	KSPGP**150***	KSPGP**200**	KSPGP**250**
Ø 4.5	KSPI**4511**	KSPI**4511N**				
Ø 5.0	KSPI**5011**	KSPI**5011N**				
Ø 6.0	KSPI**6011**	KSPI**6011N**				
Ø 7.0	KSPI**7011**	KSPI**7011N**				

D \ L	16		Guide Pin 0	Guide Pin 5.0	Guide Pin 10
	Type: Hex	Type: Non-Hex			
Ø 4.0	KSPI**4016**	GSPI**4016N**	KSPGP**150**	KSPGP**200***	KSPGP**250**
Ø 4.5	KSPI**4516**	GSPI**4516N**			
Ø 5.0	KSPI**5016**	GSPI**5016N**			
Ø 6.0	KSPI**6016**	GSPI**6016N**			
Ø 7.0	KSPI**7016**	GSPI**7016N**			

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	Type: Non-Hex	Hex	Non-Hex
Ø 4.0	KSTI**4011**	KSTI**4011N**	KSTI**4014**	KSTI**4014N**
Ø 4.5	KSTI**4511**	KSTI**4511N**	KSTI**4514**	KSTI**4514N**
Ø 5.0	KSTI**5011**	KSTI**5011N**	KSTI**5014**	KSTI**5014N**
Ø 6.0	KSTI**6011**	KSTI**6011N**	KSTI**6014**	KSTI**6014N**
Ø 7.0	KSTI**7011**	KSTI**7011N**	KSTI**7014**	KSTI**7014N**

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

KSTLA**350**

KSTLA**400**

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
KSAB**SL**	KSAB**SW**

PROSTHETIC FLOW DIAGRAM 2

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

Implant Level Impression

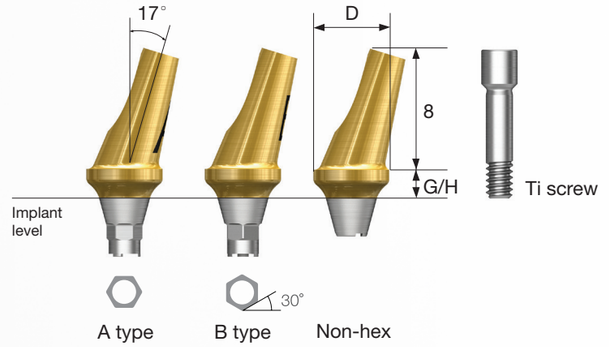
Angled Abutment

- 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 : KSAA5020A**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	2.0			4.0		
Type	**Hex A**	**Hex B**	**Non-Hex**	**Hex A**	**Hex B**	**Non-Hex**
	KSAA**4020A**	KSAA**4020B**	KSAA**4020N**	KSAA**4040A**	KSAA**4040B**	KSAA**4040N**

D Ø4.5

Ti screw
: KSABST

G/H	2.0			4.0		
Type	**Hex A**	**Hex B**	**Non-Hex**	**Hex A**	**Hex B**	**Non-Hex**
	KSAA**4520A**	KSAA**4520B**	KSAA**4520N**	KSAA**4540A**	KSAA**4540B**	KSAA**4540N**

Angled Abutment

D Ø5.0

Ti screw
: KSABST

G/H	2.0			4.0		
Type	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex
	KSAA**5020A**	KSAA**5020B**	KSAA**5020N**	KSAA**5040A**	KSAA**5040B**	KSAA**5040N**

D Ø6.0

Ti screw
: KSABST

G/H	2.0			4.0		
Type	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex
	KSAA**6020A**	KSAA**6020B**	KSAA**6020N**	KSAA**6040A**	KSAA**6040B**	KSAA**6040N**

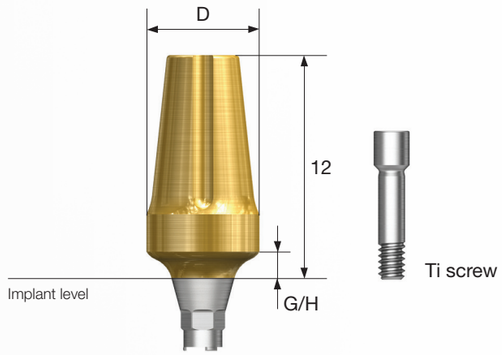
FreeForm ST Abutment

- 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 : KSFA5015**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	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	KSFA**4015**	KSFA**4015N**	KSFA**4030**	KSFA**4030N**

D Ø5.0 (Straight)

Ti screw
: KSABST

G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	KSFA**S5015**	KSFA**S5015N**	KSFA**S5030**	KSFA**S5030N**

FreeForm ST Abutment

D ø5.0

Ti screw
: KSABST

G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	KSFA**5015**	KSFA**5015N**	KSFA**5030**	KSFA**5030N**

D ø6.0

Ti screw
: KSABST

G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	KSFA**6015**	KSFA**6015N**	KSFA**6030**	KSFA**6030N**

D ø7.0

Ti screw
: KSABST

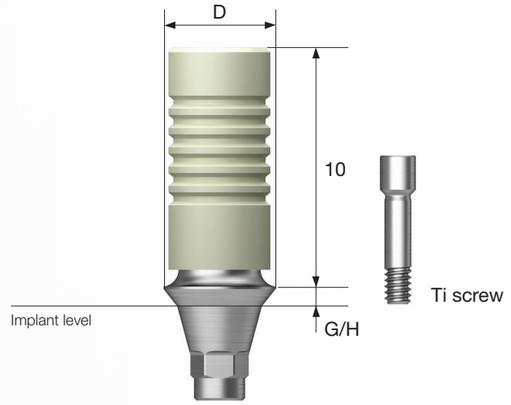
G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	KSFA**7015**	KSFA**7015N**	KSFA**7030**	KSFA**7030N**

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℃
- 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 : KSGA4510S**TH**)

Products for KS implants have a cylinder at the bottom.



D ø4.0

Ti screw
: KSABST

G/H	1.0		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	KSGA**4010**	KSGA**4010N**	KSGA**4030**	KSGA**4030N**

D ø4.5

Ti screw
: KSABST

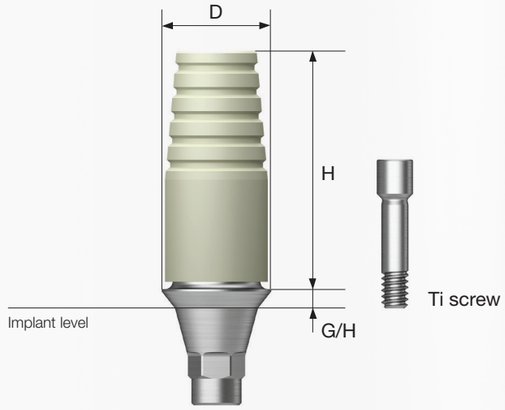
G/H	1.0		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	KSGA**4510**	KSGA**4510N**	KSGA**4530**	KSGA**4530N**

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℃
- 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 : KSNA4510S**TH**)

Products for KS implants have a cylinder at the bottom.



D Ø4.0

Ti screw
: KSABST

G/H	1.0		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	KSNA**4010**	KSNA**4010N**	KSNA**4030**	KSNA**4030N**

D Ø4.5

Ti screw
: KSABST

G/H	1.0		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	KSNA**4510**	KSNA**4510N**	KSNA**4530**	KSNA**4530N**

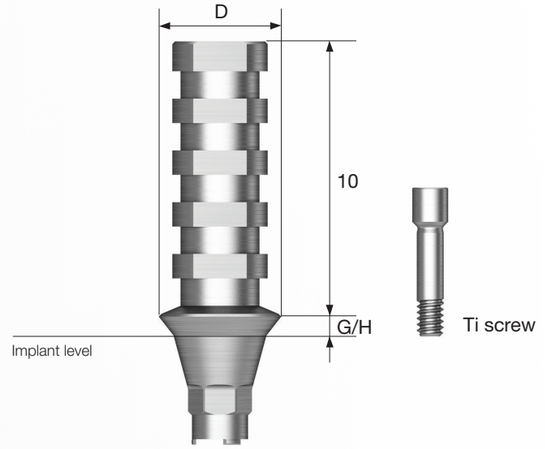
Temporary Abutment

- 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	1.0		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	KSTTA**4010**	KSTTA**4010N**	KSTTA**4030**	KSTTA**4030N**

D Ø4.5

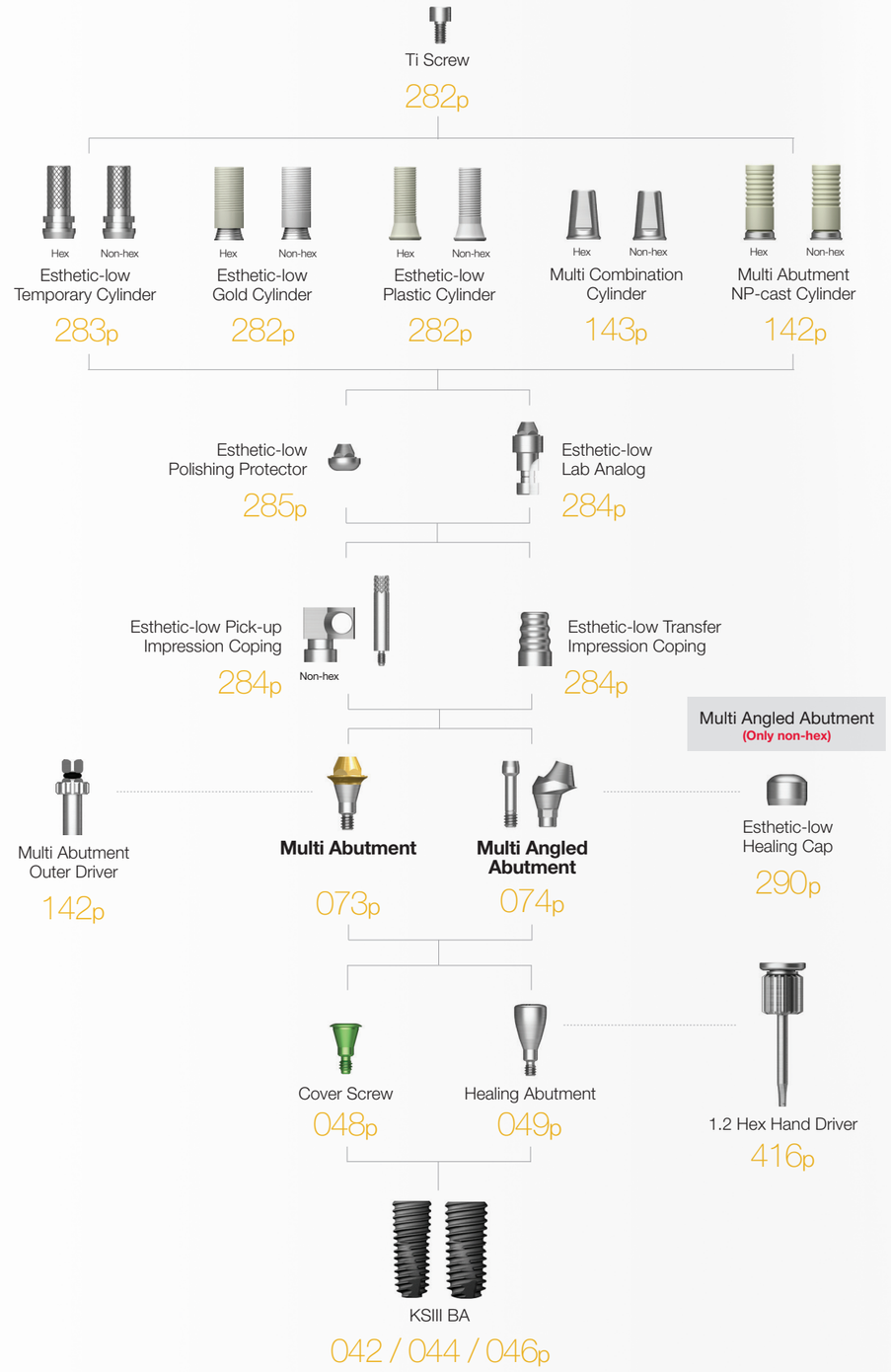
Ti screw
: KSABST

G/H	1.0		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	KSTTA**4510**	KSTTA**4510N**	KSTTA**4530**	KSTTA**4530N**

PROSTHETIC FLOW DIAGRAM 3

Multi / Multi Angled

Abutment Level Impression

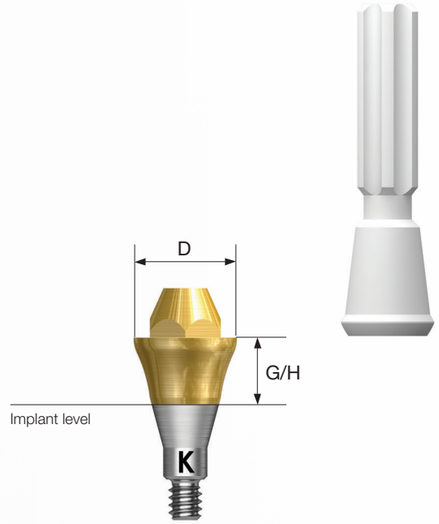


Multi Abutment

- 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 : KSMA5030**P**)

Products for KS implants are marked with “K”



D Ø4.8

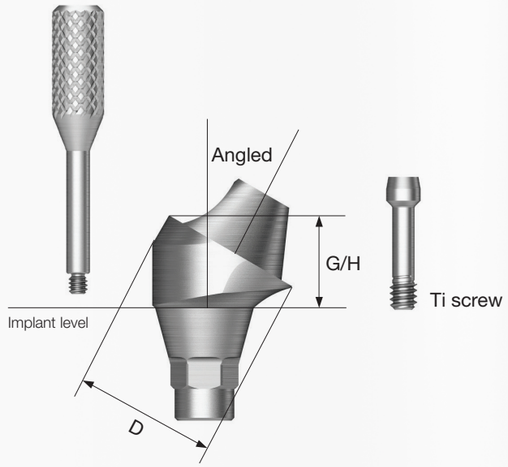
G/H	1.0	2.0	3.0	4.0	5.0
	KSMA**5010**	KSMA**5020**	KSMA**5030**	KSMA**5040**	KSMA**5050**

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

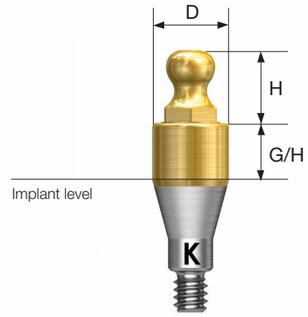
Angle \ G/H	2.5	3.0	4.0
17°	KS17MA**4820**	KS17MA**4830**	KS17MA**4840**

Angle \ G/H	3.5	4.0	5.0
30°	KS30MA**4830**	KS30MA**4840**	KS30MA**4850**

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”

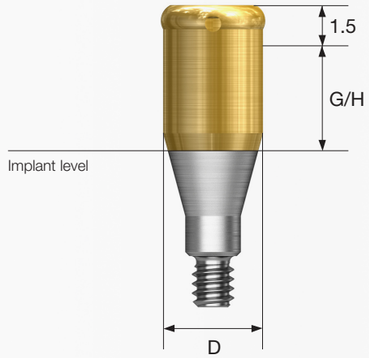


D ø3.5

G/H	1.0	2.0	3.0	4.0	5.0	6.0
Small Size	KSST**3510**	KSST**3520**	KSST**3530**	KSST**3540**	KSST**3550**	KSST**3560**
Normal Size	KSSA**3510**	KSSA**3520**	KSSA**3530**	KSSA**3540**	KSSA**3550**	KSSA**3560**

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
	KSPTA**4010**	KSPTA**4020**	KSPTA**4030**	KSPTA**4040**

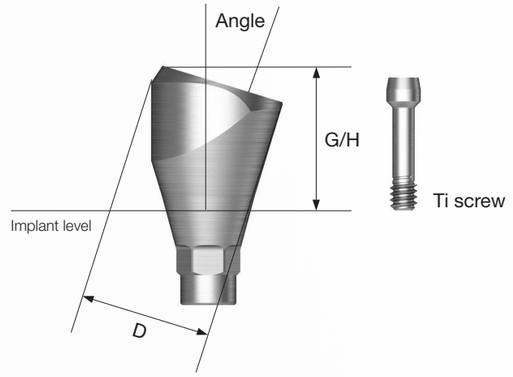
G/H	5.0	6.0	7.0	-
	KSPTA**4050**	KSPTA**4060**	KSPTA**4070**	-

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 : KS30PA455R**TH**)

Products for KS implants have a cylinder at the bottom.



D ø4.6

Ti screw
: KSABST

Angle	G/H	4.0	5.0
10°		KS10PA**454**	KS10PA**455**

Angle	G/H	4.0	5.0
17°		KS17PA**454**	KS17PA**455**

Angle	G/H	4.0	5.0
30°		KS30PA**454**	KS30PA**455**

OSSTEM IMPLANT

TS SYSTEM

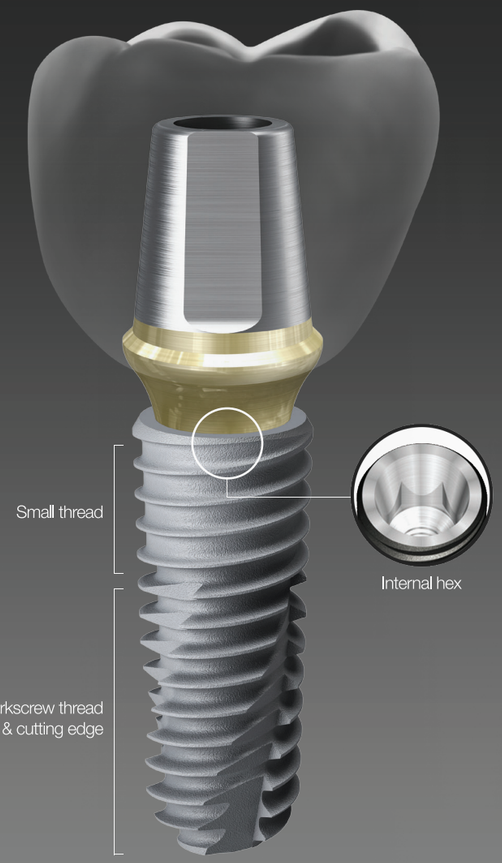
IMPLANT

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

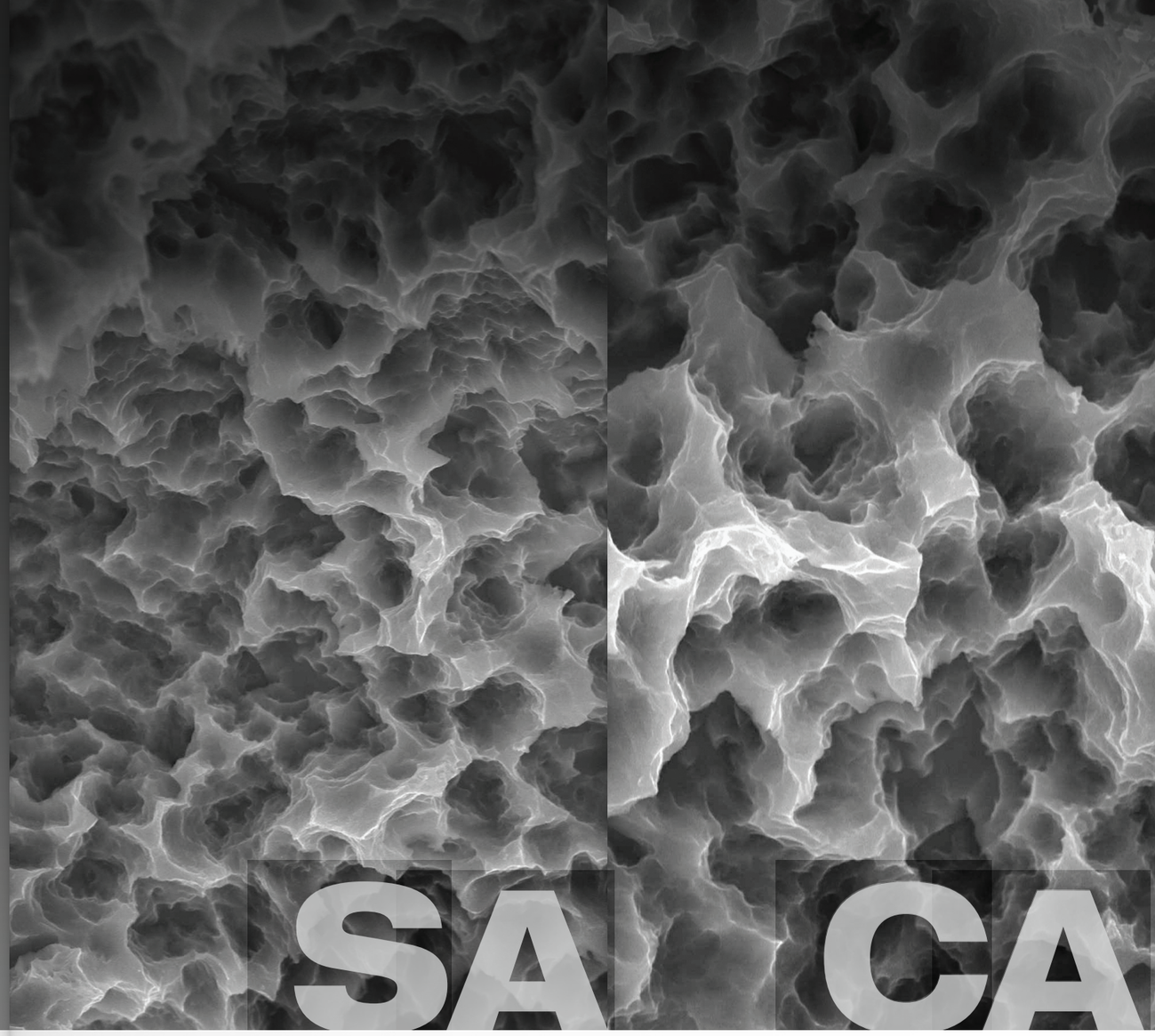


TS

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

In-vitro and In-vivo Bone Response

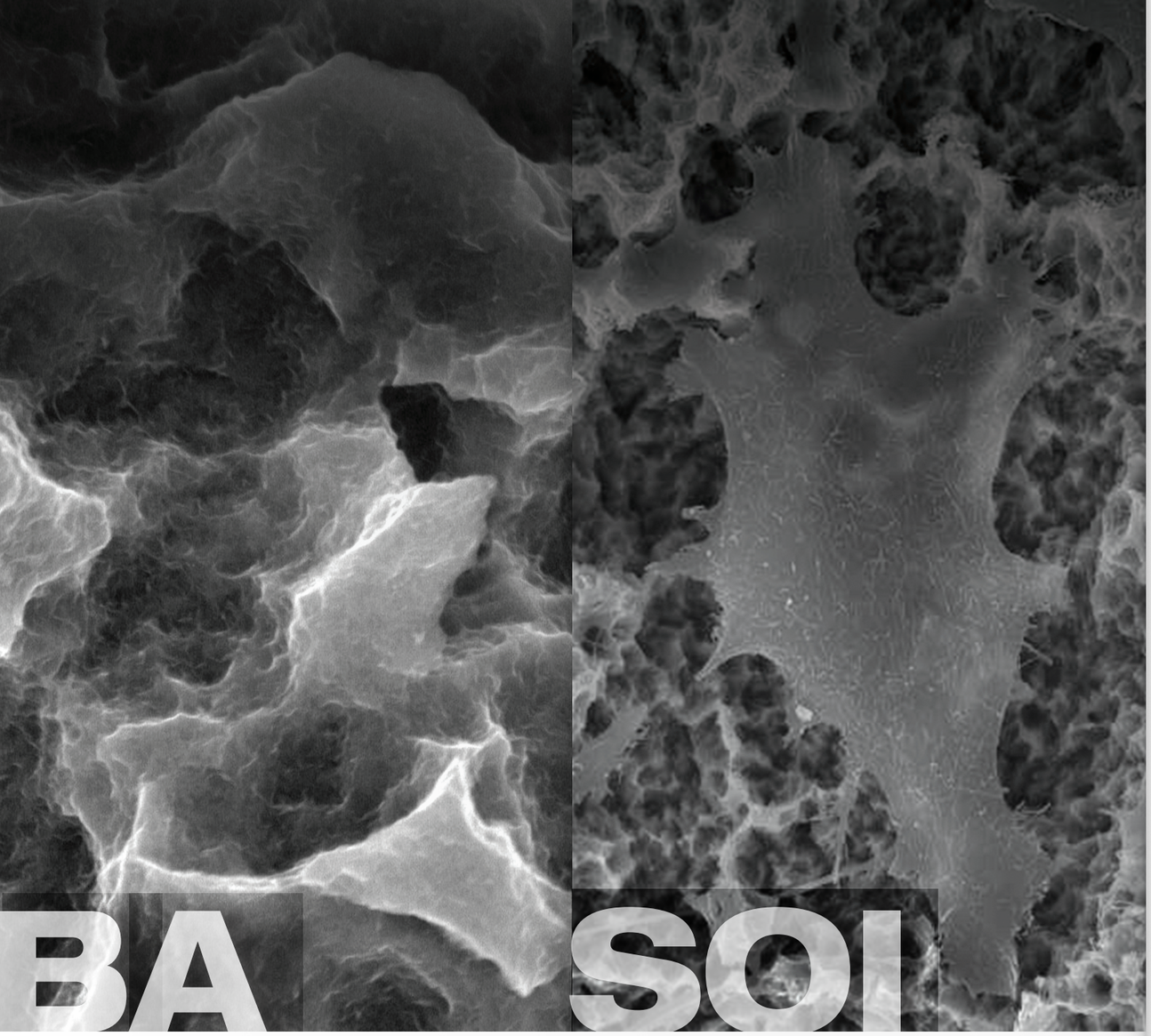
- Osteoblast differentiation and ossification improved by 20% compared to RBM-treated implants
- Initial bone response in a large animal model (mini-pig)
  - Initial stability (removal torque (RT), 4 weeks) improved by 48% compared to RBM-treated implants
  - Ossification (bone implant contact (BIC), 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 or less ultra-thin hydroxyapatite (HA) coating
- SA surface (Ra 2.0-3.0㎛) coated with HA
- Dual functions of titanium and HA
  - HA is naturally resorbed during ossification

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㎛) as SA surfaces
- Superior blood wettability with super-hydrophilic surface

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

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

OSSTEM IMPLANT

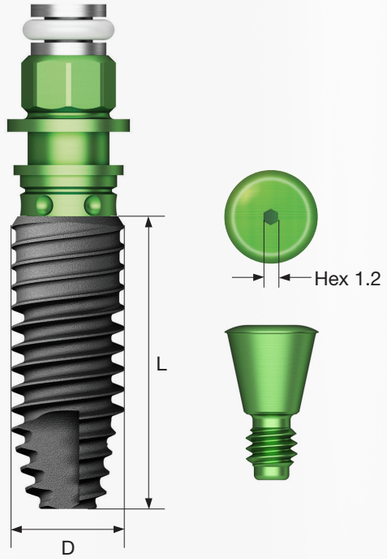
TSII SA Implant 2010.03

- 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 : **B**TS2S4010S)



D ø3.5 Hex 2.1 (M)

L	8.5	10	11.5	13
	TS2M**3508S**	TS2M**3510S**	TS2M**3511S**	TS2M**3513S**

D ø4.0 Hex 2.5 (R)

L	7	8.5	10	11.5	13
	TS2S**4007S**	TS2S**4008S**	TS2S**4010S**	TS2S**4011S**	TS2S**4013S**

D ø4.5 Hex 2.5 (R)

L	7	8.5	10	11.5	13
	TS2S**4507S**	TS2S**4508S**	TS2S**4510S**	TS2S**4511S**	TS2S**4513S**

D ø5.0 Hex 2.5 (R)

L	6	7	8.5	10	11.5	13
	Short					
	TS2S**5006S**	TS2S**5007S**	TS2S**5008S**	TS2S**5010S**	TS2S**5011S**	TS2S**5013S**

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

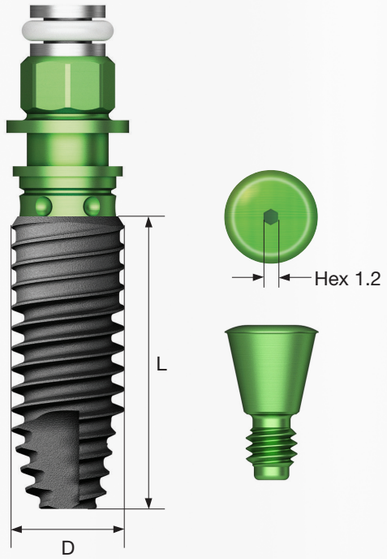
TSII BA Implant 2017.11

- 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: ≤ 40Ncm

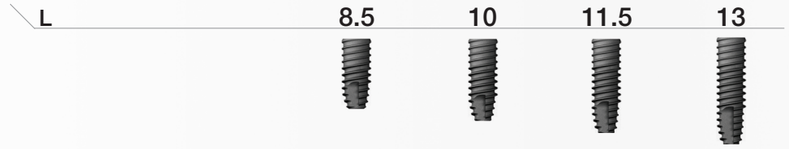
※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case



NoMount implant order code
: implant product code (ex : TS2S4010B)

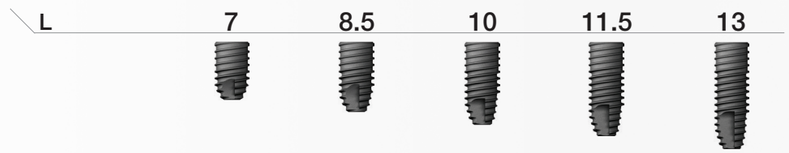
Pre-Mounted implant (implant + mount + cover screw) order code
: **B** + implant product code (ex : **B**TS2S4010B)

D ø3.5 Hex 2.1 (M)



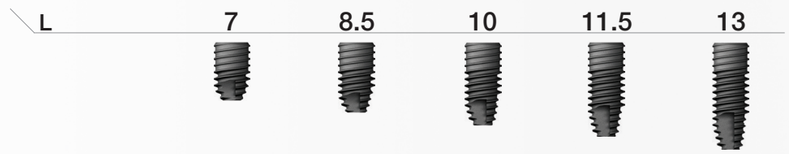
TS2M**3508B** TS2M**3510B** TS2M**3511B** TS2M**3513B**

D ø4.0 Hex 2.5 (R)



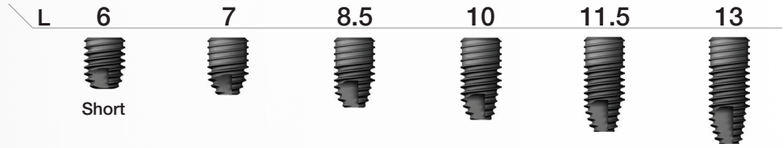
TS2S**4007B** TS2S**4008B** TS2S**4010B** TS2S**4011B** TS2S**4013B**

D ø4.5 Hex 2.5 (R)



TS2S**4507B** TS2S**4508B** TS2S**4510B** TS2S**4511B** TS2S**4513B**

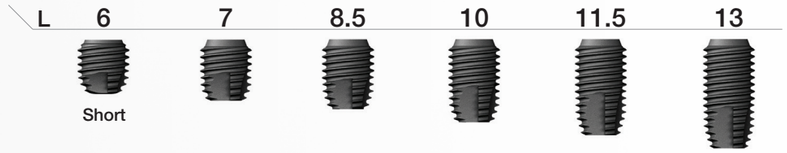
D ø5.0 Hex 2.5 (R)



TS2S**5006B** TS2S**5007B** TS2S**5008B** TS2S**5010B** TS2S**5011B** TS2S**5013B**

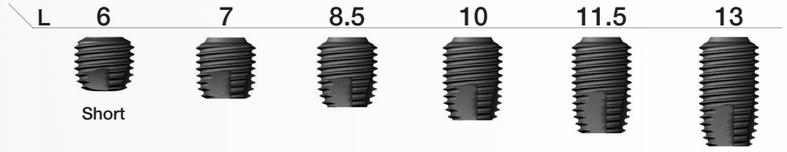
Ultra-Wide

D ø6.0 Hex 2.5 (R)



TS2S**6006B** TS2S**6007B** TS2S**6008B** TS2S**6010B** TS2S**6011B** TS2S**6013B**

D ø7.0 Hex 2.5 (R)



TS2S**7006B** TS2S**7007B** TS2S**7008B** TS2S**7010B** TS2S**7011B** TS2S**7013B**

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

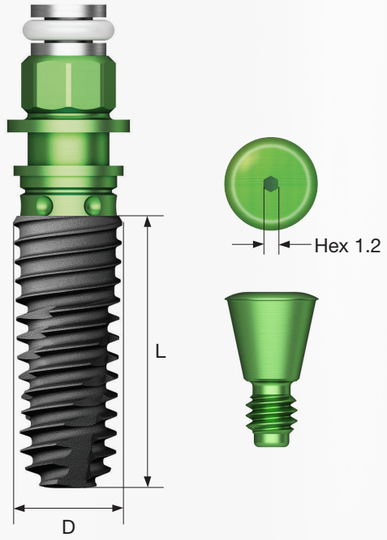
Narrow

- 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: ≤ 40Ncm

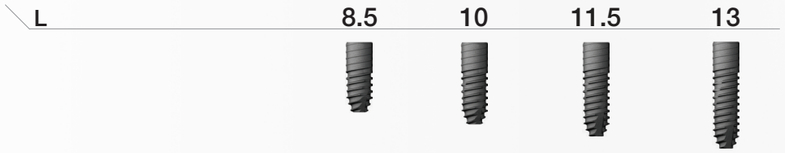
※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case



NoMount implant order code
: implant product code (ex : TS3S4010S)

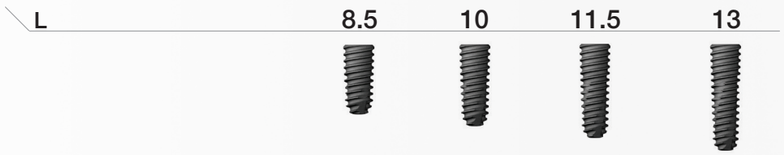
Pre-Mounted implant (implant + mount + cover screw) order code
: **B** + implant product code (ex : **B**TS3S4010S)

D ø3.0 Hex 2.1 Narrow



TS3M**3008S** TS3M**3010S** TS3M**3011S** TS3M**3013S**

D ø3.5 Hex 2.1

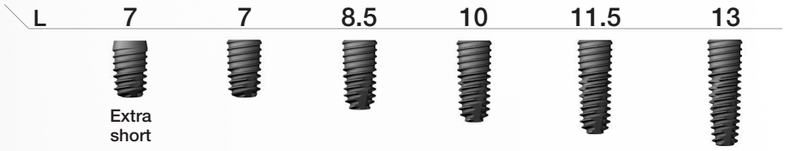


TS3M**3508S** TS3M**3510S** TS3M**3511S** TS3M**3513S**

Nominal diameter may differ from the actual diameter of the product

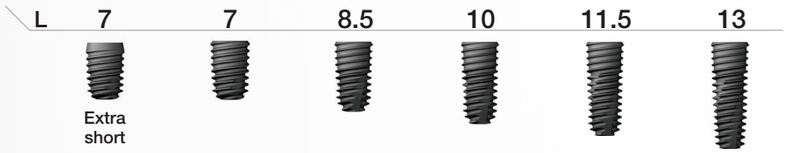
Note Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

D ø4.0 Hex 2.5 R



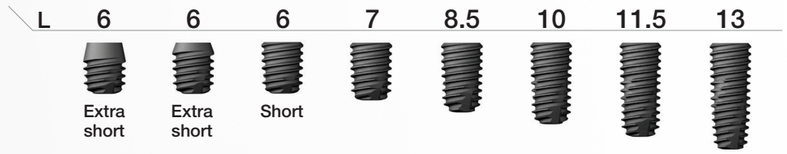
TS3S**4006S** TS3S**4007S** TS3S**4008S** TS3S**4010S** TS3S**4011S** TS3S**4013S**

D ø4.5 Hex 2.5 R



TS3S**4506S** TS3S**4507S** TS3S**4508S** TS3S**4510S** TS3S**4511S** TS3S**4513S**

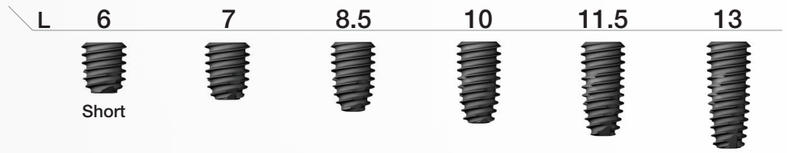
D ø5.0 Hex 2.5 R



TS3S**5004S** TS3S**5005S** TS3S**5006S** TS3S**5007S** TS3S**5008S** TS3S**5010S** TS3S**5011S** TS3S**5013S**

2015.11

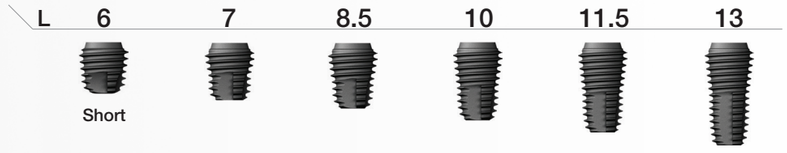
D ø5.5 Hex 2.5 R



TS3S**5506S** TS3S**5507S** TS3S**5508S** TS3S**5510S** TS3S**5511S** TS3S**5513S**

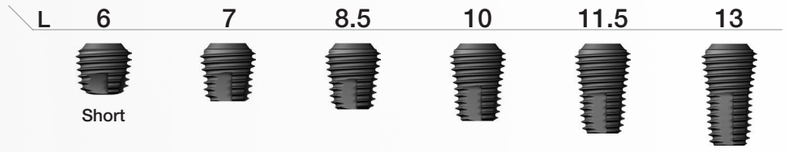
Ultra-Wide

D ø6.0 Hex 2.5 R



TS3S**6006S** TS3S**6007S** TS3S**6008S** TS3S**6010S** TS3S**6011S** TS3S**6013S**

D ø7.0 Hex 2.5 R



TS3S**7006S** TS3S**7007S** TS3S**7008S** TS3S**7010S** TS3S**7011S** TS3S**7013S**

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

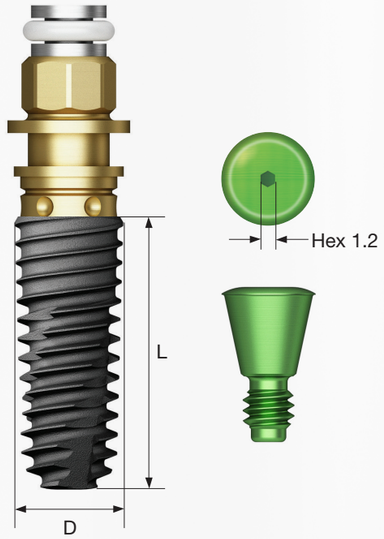
Narrow

- 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: ≤ 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 : TS3S4010C)

Pre-Mounted implant (implant + mount + cover screw) order code
: **B** + implant product code (ex : **B**TS3S4010C)

2015.05

D ø3.0 Hex 2.1 Narrow

M

L	8.5	10	11.5	13
	TS3M**3008C**	TS3M**3010C**	TS3M**3011C**	TS3M**3013C**

D ø3.5 Hex 2.1

M

L	8.5	10	11.5	13
	TS3M**3508C**	TS3M**3510C**	TS3M**3511C**	TS3M**3513C**

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

R

L	7	7	8.5	10	11.5	13
	Extra short					
	TS3S**4006C**	TS3S**4007C**	TS3S**4008C**	TS3S**4010C**	TS3S**4011C**	TS3S**4013C**

D ø4.5 Hex 2.5

R

L	7	7	8.5	10	11.5	13
	Extra short					
	TS3S**4506C**	TS3S**4507C**	TS3S**4508C**	TS3S**4510C**	TS3S**4511C**	TS3S**4513C**

D ø5.0 Hex 2.5

R

L	6	6	6	7	8.5	10	11.5	13
	Extra short	Extra short	Short					
	TS3S**5004C**	TS3S**5005C**	TS3S**5006C**	TS3S**5007C**	TS3S**5008C**	TS3S**5010C**	TS3S**5011C**	TS3S**5013C**

2016.02

D ø5.5 Hex 2.5

R

L	6	7	8.5	10	11.5	13
	Short					
	TS3S**5506C**	TS3S**5507C**	TS3S**5508C**	TS3S**5510C**	TS3S**5511C**	TS3S**5513C**

Ultra-Wide

D ø6.0 Hex 2.5

R

L	6	7	8.5	10	11.5	13
	Short					
	TS3S**6006C**	TS3S**6007C**	TS3S**6008C**	TS3S**6010C**	TS3S**6011C**	TS3S**6013C**

D ø7.0 Hex 2.5

R

L	6	7	8.5	10	11.5	13
	Short					
	TS3S**7006C**	TS3S**7007C**	TS3S**7008C**	TS3S**7010C**	TS3S**7011C**	TS3S**7013C**

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

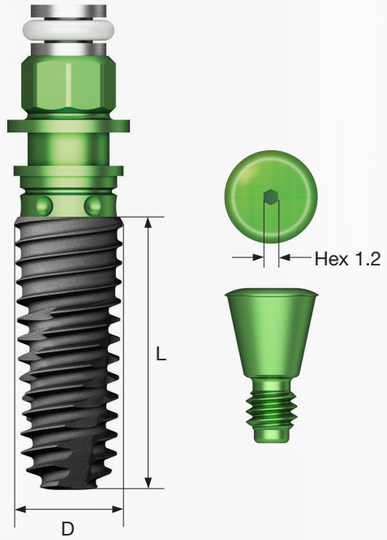
Narrow

- 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



NoMount implant order code
: implant product code (ex : TS3S4010B)

Pre-Mounted implant (implant + mount + cover screw) order code
: **B** + implant product code (ex : **B**TS3S4010B)

2019.02

D ø3.0
Hex 2.1
Narrow

M

L 8.5 10 11.5 13

TS3M**3008B** TS3M**3010B** TS3M**3011B** TS3M**3013B**

D ø3.5
Hex 2.1

M

L 8.5 10 11.5 13

TS3M**3508B** TS3M**3510B** TS3M**3511B** TS3M**3513B**

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

R

L 7 8.5 10 11.5 13

TS3S**4007B** TS3S**4008B** TS3S**4010B** TS3S**4011B** TS3S**4013B**

D ø4.5
Hex 2.5

R

L 7 7 8.5 10 11.5 13

Extra short

TS3S**4506B** TS3S**4507B** TS3S**4508B** TS3S**4510B** TS3S**4511B** TS3S**4513B**

D ø5.0
Hex 2.5

R

2017.11 2017.11 2017.11

L 6 6 6 7 8.5 10 11.5 13

Extra short Extra short Short

TS3S**5004B** TS3S**5005B** TS3S**5006B** TS3S**5007B** TS3S**5008B** TS3S**5010B** TS3S**5011B** TS3S**5013B**

2017.11

D ø5.5
Hex 2.5

R

L 6 7 8.5 10 11.5 13

Short

TS3S**5506B** TS3S**5507B** TS3S**5508B** TS3S**5510B** TS3S**5511B** TS3S**5513B**

2017.11

Ultra-Wide

D ø6.0
Hex 2.5

R

L 6 7 8.5 10 11.5 13

Short

TS3S**6006B** TS3S**6007B** TS3S**6008B** TS3S**6010B** TS3S**6011B** TS3S**6013B**

D ø7.0
Hex 2.5

R

L 6 7 8.5 10 11.5 13

Short

TS3S**7006B** TS3S**7007B** TS3S**7008B** TS3S**7010B** TS3S**7011B** TS3S**7013B**

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

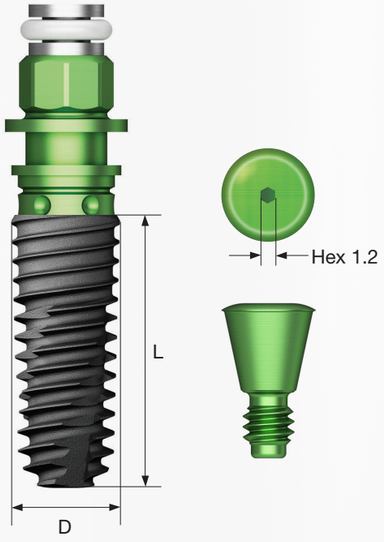
Narrow

- 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: ≤ 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 : TS3S4010A)

Pre-Mounted implant (implant + mount + cover screw) order code
: **B** + implant product code (ex : **B**TS3S4010A)

2019.01

D ø3.0 Hex 2.1 Narrow

M

L	8.5	10	11.5	13
	TS3M**3008A**	TS3M**3010A**	TS3M**3011A**	TS3M**3013A**

D ø3.5 Hex 2.1

M

L	8.5	10	11.5	13
	TS3M**3508A**	TS3M**3510A**	TS3M**3511A**	TS3M**3513A**

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

NEW 2020.11

R

L	7	7	8.5	10	11.5	13
	Extra short					
	TS3S**4006A**	TS3S**4007A**	TS3S**4008A**	TS3S**4010A**	TS3S**4011A**	TS3S**4013A**

D ø4.5 Hex 2.5

NEW 2020.11

R

L	7	7	8.5	10	11.5	13
	Extra short					
	TS3S**4506A**	TS3S**4507A**	TS3S**4508A**	TS3S**4510A**	TS3S**4511A**	TS3S**4513A**

D ø5.0 Hex 2.5

NEW 2020.11 NEW 2020.11 NEW 2020.11

R

L	6	6	6	7	8.5	10	11.5	13
	Extra short	Extra short	Short					
	TS3S**5004A**	TS3S**5005A**	TS3S**5006A**	TS3S**5007A**	TS3S**5008A**	TS3S**5010A**	TS3S**5011A**	TS3S**5013A**

D ø5.5 Hex 2.5

NEW 2020.11

R

L	6	7	8.5	10	11.5	13
	Short					
	TS3S**5506A**	TS3S**5507A**	TS3S**5508A**	TS3S**5510A**	TS3S**5511A**	TS3S**5513A**

NEW 2020.11

Ultra-Wide

D ø6.0 Hex 2.5

R

L	6	7	8.5	10	11.5	13
	Short					
	TS3S**6006A**	TS3S**6007A**	TS3S**6008A**	TS3S**6010A**	TS3S**6011A**	TS3S**6013A**

D ø7.0 Hex 2.5

R

L	6	7	8.5	10	11.5	13
	Short					
	TS3S**7006A**	TS3S**7007A**	TS3S**7008A**	TS3S**7010A**	TS3S**7011A**	TS3S**7013A**

TSIV SA Implant 2010.03

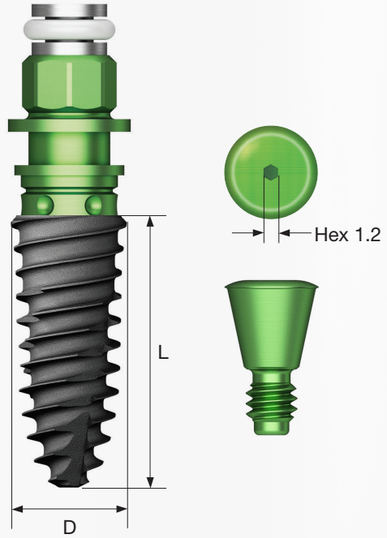
- Submerged type implant with an internal hex 11° tapered connection structure
- Optimal thread design for realization of optimal SA surface
- Implant for maxillary sinus and soft bone
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- Superior self-threading 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 : **B**TS4S4010S)

D ø4.0 Pitch 0.8
Hex 2.5
R

L	7	8.5	10	11.5	13
	TS4S**4007S**	TS4S**4008S**	TS4S**4010S**	TS4S**4011S**	TS4S**4013S**

D ø4.5 Pitch 1.0
Hex 2.5
R

L	7	8.5	10	11.5	13
	TS4S**4507S**	TS4S**4508S**	TS4S**4510S**	TS4S**4511S**	TS4S**4513S**

D ø5.0 Pitch 1.2
Hex 2.5
R

L	7	8.5	10	11.5	13
	TS4S**5007S**	TS4S**5008S**	TS4S**5010S**	TS4S**5011S**	TS4S**5013S**

Ultra-wide

D ø6.0
Hex 2.5
R

L	7	8.5	10	11.5	13
	TS4S**6007S**	TS4S**6008S**	TS4S**6010S**	TS4S**6011S**	TS4S**6013S**

D ø7.0
Hex 2.5
R

L	7	8.5	10	11.5	13
	TS4S**7007S**	TS4S**7008S**	TS4S**7010S**	TS4S**7011S**	TS4S**7013S**

Nominal diameter may differ from the actual diameter of the product

TSIV CA Implant 2012.06

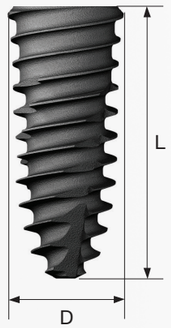
- Submerged type implant with an internal hex 11° tapered connection structure
- Super-hydrophilic SA surface suspended in a calcium solution
- Implant for maxillary sinus and soft bone
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- Superior self-threading 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 R

L	7	8.5	10	11.5	13
	TS4S**4007C**	TS4S**4008C**	TS4S**4010C**	TS4S**4011C**	TS4S**4013C**

D ø4.5 Pitch 1.0 Hex 2.5 R

L	7	8.5	10	11.5	13
	TS4S**4507C**	TS4S**4508C**	TS4S**4510C**	TS4S**4511C**	TS4S**4513C**

D ø5.0 Pitch 1.2 Hex 2.5 R

L	7	8.5	10	11.5	13
	TS4S**5007C**	TS4S**5008C**	TS4S**5010C**	TS4S**5011C**	TS4S**5013C**

Ultra-wide

D ø6.0 Hex 2.5 R

L	7	8.5	10	11.5	13
	TS4S**6007C**	TS4S**6008C**	TS4S**6010C**	TS4S**6011C**	TS4S**6013C**

D ø7.0 Hex 2.5 R

L	7	8.5	10	11.5	13
	TS4S**7007C**	TS4S**7008C**	TS4S**7010C**	TS4S**7011C**	TS4S**7013C**

Nominal diameter may differ from the actual diameter of the product

TSIV BA Implant 2017.11

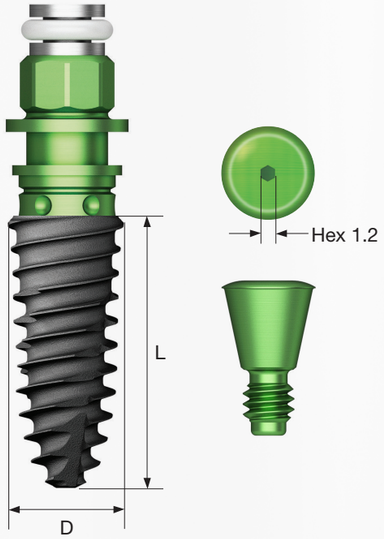
- Submerged type implant with an internal hex 11° tapered connection structure
- Premium low crystalline nano-HA coated SA surface
- Minimized risk of cracks or detachment of the coating due to the application of bioresorbable coating layer
- Implant for maxillary sinus and soft bone
- Effect of improved 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 socketor 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 : **B**TS4S4010B)

※ For Ø6.0, Ø7.0, Pre-Mount Only

D Ø4.0 Pitch 0.8
Hex 2.5
R

L	7	8.5	10	11.5	13
	TS4S**4007B**	TS4S**4008B**	TS4S**4010B**	TS4S**4011B**	TS4S**4013B**

D Ø4.5 Pitch 1.0
Hex 2.5
R

L	7	8.5	10	11.5	13
	TS4S**4507B**	TS4S**4508B**	TS4S**4510B**	TS4S**4511B**	TS4S**4513B**

Nominal diameter may differ from the actual diameter of the product

D Ø5.0 Pitch 1.2
Hex 2.5
R

L	7	8.5	10	11.5	13
	TS4S**5007B**	TS4S**5008B**	TS4S**5010B**	TS4S**5011B**	TS4S**5013B**

Ultra-wide

D Ø6.0
Hex 2.5
R

L	7	8.5	10	11.5	13
	TS4S**6007B**	TS4S**6008B**	TS4S**6010B**	TS4S**6011B**	TS4S**6013B**

D Ø7.0
Hex 2.5
R

L	7	8.5	10	11.5	13
	TS4S**7007B**	TS4S**7008B**	TS4S**7010B**	TS4S**7011B**	TS4S**7013B**

Mount & Screw 2010.01

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

C

M
For Ø3.0

TSS**M30**

M

2017.04
TSSA**MM**

R

2017.04
TSSA**MR**

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

P \ H	0.4	1.4	2.0
M For Ø3.0	GSCS**30**	GSCS**30M**	GSCS**30L**
M	GSCS**35**	GSCS**35M**	GSCS**35L**
R	GSCS**40S-G**	GSCS**40M-G**	GSCS**40L-G**

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

P \ D	Ø6.0	Ø7.0
M	TSGCS**60AM**	TSGCS**70AM**
R	TSGCS**60AR**	TSGCS**70AR**

Healing Abutment 2015.06

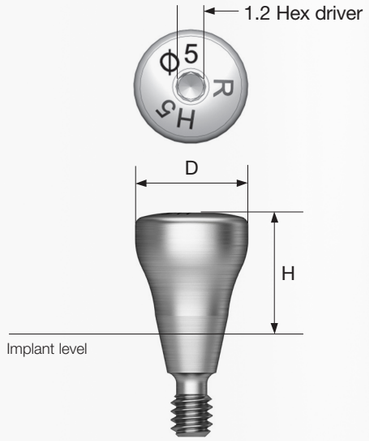
- Mini (yellow) type used for implants of Ø3.5 or smaller
- Hand tightened with a 1.2 hex driver

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	TSHA**403M**	TSHA**404M**	TSHA**405M**	TSHA**406M**	TSHA**407M**	TSHA**409M**
ø4.5	TSHA**453M**	TSHA**454M**	TSHA**455M**	TSHA**456M**	TSHA**457M**	TSHA**459M**

D \ H	3.0	4.0	5.0	6.0	7.0	9.0
ø4.0	TSHA**403R**	TSHA**404R**	TSHA**405R**	TSHA**406R**	TSHA**407R**	TSHA**409R**
ø4.5	TSHA**453R**	TSHA**454R**	TSHA**455R**	TSHA**456R**	TSHA**457R**	TSHA**459R**
ø5.0	TSHA**503R**	TSHA**504R**	TSHA**505R**	TSHA**506R**	TSHA**507R**	TSHA**509R**
ø6.0	TSHA**603R**	TSHA**604R**	TSHA**605R**	TSHA**606R**	TSHA**607R**	TSHA**609R**
ø7.0	TSHA**703R**	TSHA**704R**	TSHA**705R**	TSHA**706R**	TSHA**707R**	TSHA**709R**
ø8.0	-	-	TSHA**805R**	-	-	-

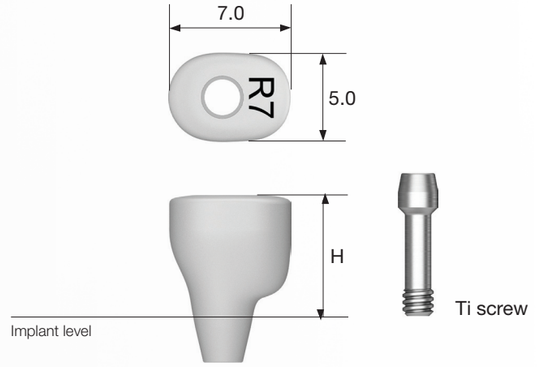
Custom Healing Abutment 2013.10

- 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

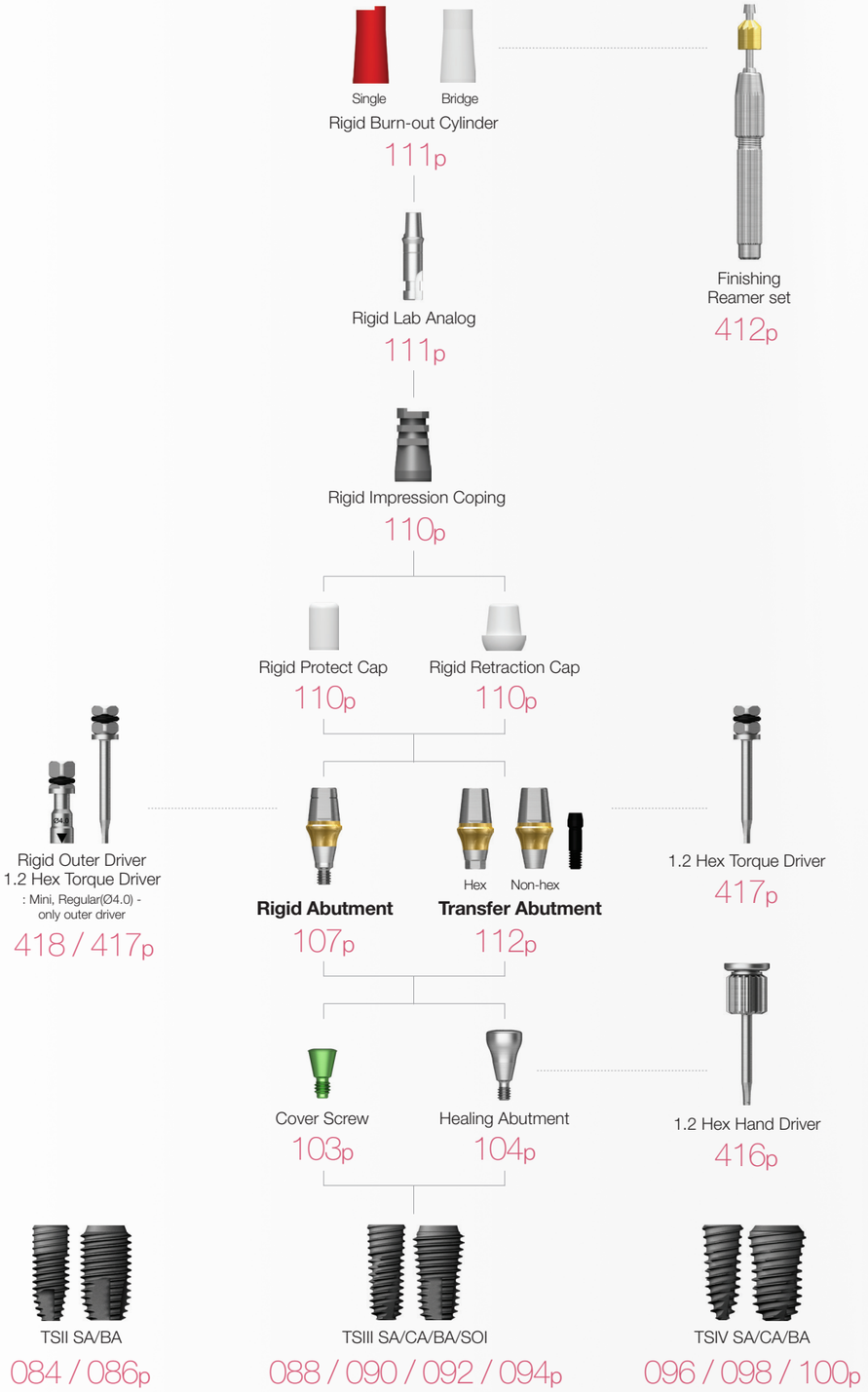


P \ H	5.0	7.0	9.0
M Ti screw : GSCHABSMT	TSCHAP**M5**	TSCHAP**M7**	TSCHAP**M9**
R Ti screw : GSCHABSST	TSCHAP**R5**	TSCHAP**R7**	TSCHAP**R9**

PROSTHETIC FLOW DIAGRAM 1

Rigid / Transfer

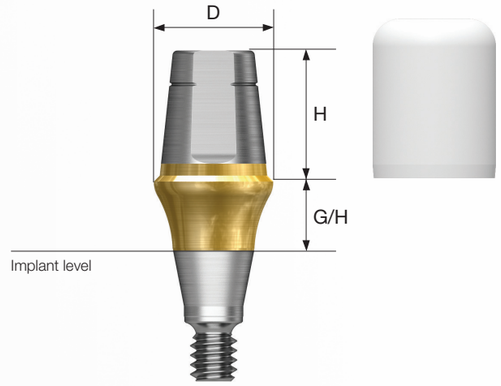
Abutment Level Impression



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	GSRA**4410**	GSRA**4420**	GSRA**4430**	GSRA**4440**	GSRA**4450**
5.5	GSRA**4610**	GSRA**4620**	GSRA**4630**	GSRA**4640**	GSRA**4650**
7.0	GSRA**4710**	GSRA**4720**	GSRA**4730**	GSRA**4740**	GSRA**4750**

D Ø4.5

M

H \ G/H	1.0	2.0	3.0	4.0	5.0
4.0	GSRA**4411**	GSRA**4421**	GSRA**4431**	GSRA**4441**	GSRA**4451**
5.5	GSRA**4611**	GSRA**4621**	GSRA**4631**	GSRA**4641**	GSRA**4651**
7.0	GSRA**4711**	GSRA**4721**	GSRA**4731**	GSRA**4741**	GSRA**4751**

Rigid Abutment 2013.01

D ø4.0

R

H \ G/H	1.0	2.0	3.0	4.0	5.0
4.0	GSRAS**4410**	GSRAS**4420**	GSRAS**4430**	GSRAS**4440**	GSRAS**4450**
5.5	GSRAS**4610**	GSRAS**4620**	GSRAS**4630**	GSRAS**4640**	GSRAS**4650**
7.0	GSRAS**4710**	GSRAS**4720**	GSRAS**4730**	GSRAS**4740**	GSRAS**4750**

D ø4.5

R

H \ G/H	1.0	2.0	3.0	4.0	5.0
4.0	GSRAS**4411**	GSRAS**4421**	GSRAS**4431**	GSRAS**4441**	GSRAS**4451**
5.5	GSRAS**4611**	GSRAS**4621**	GSRAS**4631**	GSRAS**4641**	GSRAS**4651**
7.0	GSRAS**4711**	GSRAS**4721**	GSRAS**4731**	GSRAS**4741**	GSRAS**4751**

D ø5.0

R

H \ G/H	1.0	2.0	3.0	4.0	5.0
4.0	GSRA**5410**	GSRA**5420**	GSRA**5430**	GSRA**5440**	GSRA**5450**
5.5	GSRA**5610**	GSRA**5620**	GSRA**5630**	GSRA**5640**	GSRA**5650**
7.0	GSRA**5710**	GSRA**5720**	GSRA**5730**	GSRA**5740**	GSRA**5750**

D ø6.0

R

H \ G/H	1.0	2.0	3.0	4.0	5.0
4.0	GSRA**6410**	GSRA**6420**	GSRA**6430**	GSRA**6440**	GSRA**6450**
5.5	GSRA**6610**	GSRA**6620**	GSRA**6630**	GSRA**6640**	GSRA**6650**
7.0	GSRA**6710**	GSRA**6720**	GSRA**6730**	GSRA**6740**	GSRA**6750**

D ø7.0

R

H \ G/H	1.0	2.0	3.0	4.0	5.0
5.5	GSRA**7610**	GSRA**7620**	GSRA**7630**	GSRA**7640**	GSRA**7650**

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
Ø4.0 / Ø4.0	GSRPC440	GSRPC460	GSRPC470
Ø4.5 / Ø4.5	GSRPC441	GSRPC461	GSRPC471
Ø5.0	GSRPC540	GSRPC560	GSRPC570
Ø6.0	GSRPC640	GSRPC660	GSRPC670
Ø7.0	-	GSRPC760	-

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
Ø4.0 / Ø4.0	GSRRC440	GSRRC460	GSRRC470
Ø4.5 / Ø4.5	GSRRC441	GSRRC461	GSRRC471
Ø5.0	GSRRC540	GSRRC560	GSRRC570
Ø6.0	GSRRC640	GSRRC660	GSRRC670
Ø7.0	-	GSRRC760	-

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
Ø4.0 / Ø4.0	GSRIC440S	GSRIC460S	GSRIC470S
Ø4.5 / Ø4.5	GSRIC441S	GSRIC461S	GSRIC471S
Ø5.0	GSRIC540S	GSRIC560S	GSRIC570S
Ø6.0	GSRIC640S	GSRIC660S	GSRIC670S
Ø7.0	-	GSRIC760S	-

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
Ø4.0 / Ø4.0	GSRP400S	GSRP400B
Ø4.5 / Ø4.5	GSRP450S	GSRP450B
Ø5.0	GSRP500S	GSRP500B
Ø6.0	GSRP600S	GSRP600B
Ø7.0	GSRP700S	GSRP700B

Rigid Lab Analog

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

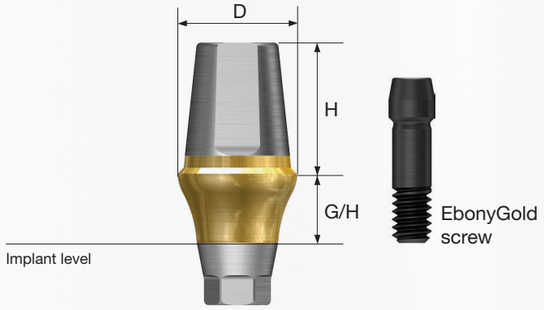
M Mini
R Regular

D \ H	4.0	5.5	7.0
Ø4.0 / Ø4.0	GSRLA440	GSRLA460	GSRLA470
Ø4.5 / Ø4.5	GSRLA441	GSRLA461	GSRLA471
Ø5.0	GSRLA540	GSRLA560	GSRLA570
Ø6.0	GSRLA640	GSRLA660	GSRLA670
Ø7.0	-	GSRLA760	-

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 : GSTA4621**WH**)



D ø4.0

M

EbonyGold screw
: GSABSM

Abutment level impression not available

H \ G/H	1.0	2.0	3.0	4.0
Hex 5.5	GSTA**4612**	GSTA**4622**	GSTA**4632**	GSTA**4642**
Hex 7.0	GSTA**4712**	GSTA**4722**	GSTA**4732**	GSTA**4742**
Non-Hex 5.5	GSTA**4612N**	GSTA**4622N**	GSTA**4632N**	GSTA**4642N**
Non-Hex 7.0	GSTA**4712N**	GSTA**4722N**	GSTA**4732N**	GSTA**4742N**

H \ G/H	5.0	6.0	7.0
Hex 5.5	GSTA**4652**	GSTA**4662**	GSTA**4672**
Hex 7.0	GSTA**4752**	GSTA**4762**	GSTA**4772**
Non-Hex 5.5	GSTA**4652N**	GSTA**4662N**	GSTA**4672N**
Non-Hex 7.0	GSTA**4752N**	GSTA**4762N**	GSTA**4772N**

D ø4.5

M

EbonyGold screw
: GSABSM

H \ G/H	1.0	2.0	3.0	4.0
Hex 5.5	GSTA**4611**	GSTA**4621**	GSTA**4631**	GSTA**4641**
Hex 7.0	GSTA**4711**	GSTA**4721**	GSTA**4731**	GSTA**4741**
Non-Hex 5.5	GSTA**4611N**	GSTA**4621N**	GSTA**4631N**	GSTA**4641N**
Non-Hex 7.0	GSTA**4711N**	GSTA**4721N**	GSTA**4731N**	GSTA**4741N**

H \ G/H	5.0	6.0	7.0
Hex 5.5	GSTA**4651**	GSTA**4661**	GSTA**4671**
Hex 7.0	GSTA**4751**	GSTA**4761**	GSTA**4771**
Non-Hex 5.5	GSTA**4651N**	GSTA**4661N**	GSTA**4671N**
Non-Hex 7.0	GSTA**4751N**	GSTA**4761N**	GSTA**4771N**

D ø4.5

R

EbonyGold screw
: GSABSS

H \ G/H	1.0	2.0	3.0	4.0
Hex 5.5	GSTAS**4611**	GSTAS**4621**	GSTAS**4631**	GSTAS**4641**
Hex 7.0	GSTAS**4711**	GSTAS**4721**	GSTAS**4731**	GSTAS**4741**
Non-Hex 5.5	GSTAS**4611N**	GSTAS**4621N**	GSTAS**4631N**	GSTAS**4641N**
Non-Hex 7.0	GSTAS**4711N**	GSTAS**4721N**	GSTAS**4731N**	GSTAS**4741N**

H \ G/H	5.0	6.0	7.0
Hex 5.5	GSTAS**4651**	GSTAS**4661**	GSTAS**4671**
Hex 7.0	GSTAS**4751**	GSTAS**4761**	GSTAS**4771**
Non-Hex 5.5	GSTAS**4651N**	GSTAS**4661N**	GSTAS**4671N**
Non-Hex 7.0	GSTAS**4751N**	GSTAS**4761N**	GSTAS**4771N**

Transfer Abutment 2013.01

D ø5.0

R

EbonyGold screw
: GSABSS

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

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

D ø6.0

R

EbonyGold screw
: GSABSS

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

D ø6.0

R

EbonyGold screw
: GSABSS

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

D ø7.0

R

EbonyGold screw
: GSABSS

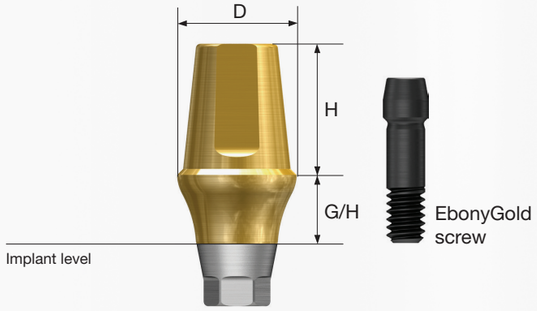
H \ G/H	1.0	2.0	3.0	4.0
4.0	GSTA7410	GSTA7420	GSTA7430	GSTA7440
Hex 5.5	GSTA7610	GSTA7620	GSTA7630	GSTA7640
4.0	GSTA7410N	GSTA7420N	GSTA7430N	GSTA7440N
Non-Hex 5.5	GSTA7610N	GSTA7620N	GSTA7630N	GSTA7640N

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

Transfer ID Abutment 2014.09

• Transfer abutment not covered by health insurance

Abutment + EbonyGold screw order code
: product code + **WH** (ex : BGSTA4621**WH**)



D ø4.0

M

EbonyGold screw
: GSABSM

Abutment level impression not available

H \ G/H	1.0	2.0	3.0	4.0
Hex 5.5	BGSTA**4612**	BGSTA**4622**	BGSTA**4632**	BGSTA**4642**
Hex 7.0	BGSTA**4712**	BGSTA**4722**	BGSTA**4732**	BGSTA**4742**
Non-Hex 5.5	BGSTA**4612N**	BGSTA**4622N**	BGSTA**4632N**	BGSTA**4642N**
Non-Hex 7.0	BGSTA**4712N**	BGSTA**4722N**	BGSTA**4732N**	BGSTA**4742N**

H \ G/H	5.0	6.0	7.0
Hex 5.5	BGSTA**4652**	BGSTA**4662**	BGSTA**4672**
Hex 7.0	BGSTA**4752**	BGSTA**4762**	BGSTA**4772**
Non-Hex 5.5	BGSTA**4652N**	BGSTA**4662N**	BGSTA**4672N**
Non-Hex 7.0	BGSTA**4752N**	BGSTA**4762N**	BGSTA**4772N**

D ø4.5

M

EbonyGold screw
: GSABSM

H \ G/H	1.0	2.0	3.0	4.0
Hex 5.5	BGSTA**4611**	BGSTA**4621**	BGSTA**4631**	BGSTA**4641**
Hex 7.0	BGSTA**4711**	BGSTA**4721**	BGSTA**4731**	BGSTA**4741**
Non-Hex 5.5	BGSTA**4611N**	BGSTA**4621N**	BGSTA**4631N**	BGSTA**4641N**
Non-Hex 7.0	BGSTA**4711N**	BGSTA**4721N**	BGSTA**4731N**	BGSTA**4741N**

H \ G/H	5.0	6.0	7.0
Hex 5.5	BGSTA**4651**	BGSTA**4661**	BGSTA**4671**
Hex 7.0	BGSTA**4751**	BGSTA**4761**	BGSTA**4771**
Non-Hex 5.5	BGSTA**4651N**	BGSTA**4661N**	BGSTA**4671N**
Non-Hex 7.0	BGSTA**4751N**	BGSTA**4761N**	BGSTA**4771N**

D ø4.5

R

EbonyGold screw
: GSABSS

H \ G/H	1.0	2.0	3.0	4.0
Hex 5.5	BGSTA**S4611**	BGSTA**S4621**	BGSTA**S4631**	BGSTA**S4641**
Hex 7.0	BGSTA**S4711**	BGSTA**S4721**	BGSTA**S4731**	BGSTA**S4741**
Non-Hex 5.5	BGSTA**S4611N**	BGSTA**S4621N**	BGSTA**S4631N**	BGSTA**S4641N**
Non-Hex 7.0	BGSTA**S4711N**	BGSTA**S4721N**	BGSTA**S4731N**	BGSTA**S4741N**

H \ G/H	5.0	6.0	7.0
Hex 5.5	BGSTA**S4651**	BGSTA**S4661**	BGSTA**S4671**
Hex 7.0	BGSTA**S4751**	BGSTA**S4761**	BGSTA**S4771**
Non-Hex 5.5	BGSTA**S4651N**	BGSTA**S4661N**	BGSTA**S4671N**
Non-Hex 7.0	BGSTA**S4751N**	BGSTA**S4761N**	BGSTA**S4771N**

Transfer ID Abutment 2014.09

D ø5.0

R

EbonyGold screw
: GSABSS

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

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

D ø6.0

R

EbonyGold screw
: GSABSS

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

D ø6.0

R

EbonyGold screw
: GSABSS

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

D ø7.0

R

EbonyGold screw
: GSABSS

H \ G/H	1.0	2.0	3.0	4.0
4.0	BGSTA7410	BGSTA7420	BGSTA7430	BGSTA7440
Hex 5.5	BGSTA7610	BGSTA7620	BGSTA7630	BGSTA7640
4.0	BGSTA7410N	BGSTA7420N	BGSTA7430N	BGSTA7440N
Non-Hex 5.5	BGSTA7610N	BGSTA7620N	BGSTA7630N	BGSTA7640N

H \ G/H	5.0	6.0	7.0
4.0	BGSTA7450	BGSTA7460	BGSTA7470
Hex 5.5	BGSTA7650	BGSTA7660	BGSTA7670
4.0	BGSTA7450N	BGSTA7460N	BGSTA7470N
Non-Hex 5.5	BGSTA7650N	BGSTA7660N	BGSTA7670N

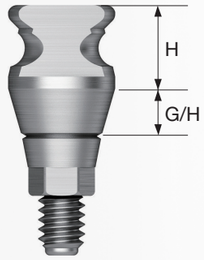
Transfer Abutment Components

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 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		GSBICM**4420H**	GSBICM**4430H**	GSBICM**4440H**	GSBICM**4450H**	GSBICM**4460H**
	5.0		GSBICM**4520H**	GSBICM**4530H**	GSBICM**4540H**	GSBICM**4550H**	GSBICM**4560H**
	6.0		GSBICM**4620H**	GSBICM**4630H**	GSBICM**4640H**	GSBICM**4650H**	GSBICM**4660H**
Ø 4.5	4.0		GSBICM**4421H**	GSBICM**4431H**	GSBICM**4441H**	GSBICM**4451H**	GSBICM**4461H**
	5.0		GSBICM**4521H**	GSBICM**4531H**	GSBICM**4541H**	GSBICM**4551H**	GSBICM**4561H**
	6.0		GSBICM**4621H**	GSBICM**4631H**	GSBICM**4641H**	GSBICM**4651H**	GSBICM**4661H**
Ø 4.5	4.0		GSBICR**4421H**	GSBICR**4431H**	GSBICR**4441H**	GSBICR**4451H**	GSBICR**4461H**
	5.0		GSBICR**4521H**	GSBICR**4531H**	GSBICR**4541H**	GSBICR**4551H**	GSBICR**4561H**
	6.0		GSBICR**4621H**	GSBICR**4631H**	GSBICR**4641H**	GSBICR**4651H**	GSBICR**4661H**
Ø 5.0	4.0		GSBICR**5420H**	GSBICR**5430H**	GSBICR**5440H**	GSBICR**5450H**	GSBICR**5460H**
	5.0		GSBICR**5520H**	GSBICR**5530H**	GSBICR**5540H**	GSBICR**5550H**	GSBICR**5560H**
	6.0		GSBICR**5620H**	GSBICR**5630H**	GSBICR**5640H**	GSBICR**5650H**	GSBICR**5660H**

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)

Type	Mini	Regular
	OICDMH	OICDRH

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

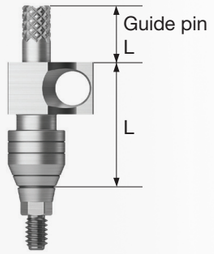
D	L	4.0	6.0	8.0	10.0	12.0
Ø 4.5		GSBIM**4504S**	GSBIM**4506S**	GSBIM**4508S**	GSBIM**4510S**	GSBIM**4512S**
Ø 5.5		GSBIS**5504S**	GSBIS**5506S**	GSBIS**5508S**	GSBIS**5510S**	GSBIS**5512S**

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)



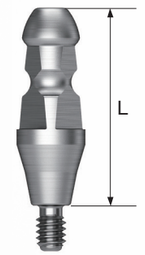
D \ L	Type	11 Hex	11 Non-Hex	Guide Pin 0	Guide Pin 5.0	Guide Pin 9.0
Ø 4.0		GSPIM**4011**	GSPIM**4011N**			
Ø 4.5		GSPIM**4511**	GSPIM**4511N**			
Ø 5.0		GSPIS**5011**	GSPIS**5011N**			
Ø 6.0		GSPIS**6011**	GSPIS**6011N**			
Ø 7.0		GSPIS**7011**	GSPIS**7011N**			
				GSPGPM**100**	GSPGPM**150***	GSPGPM**150L**
				GSPGPR**100**	GSPGPR**150***	GSPGPR**150L**

D \ L	Type	15 Hex	15 Non-Hex	Guide Pin 0	Guide Pin 5.0	Guide Pin 9.0
Ø 4.0		GSPIM**4015**	GSPIM**4015N**			
Ø 4.5		GSPIM**4515**	GSPIM**4515N**			
Ø 4.0		GSPIS**4015**	GSPIS**4015N**			
Ø 4.5		GSPIS**4515**	GSPIS**4515N**			
Ø 5.0		GSPIS**5015**	GSPIS**5015N**			
Ø 6.0		GSPIS**6015**	GSPIS**6015N**			
Ø 7.0		GSPIS**7015**	GSPIS**7015N**			
				GSPGPM**100L**	GSPGPM**150L***	GSPGPM**200L**
				GSPGPR**100L**	GSPGPR**150L***	GSPGPR**200L**

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	Type	11 Hex	11 Non-Hex	14 Hex	14 Non-Hex
Ø 4.0		GSTIM**4011**	GSTIM**4011N**	GSTIM**4014**	GSTIM**4014N**
Ø 4.5		GSTIM**4511**	GSTIM**4511N**	GSTIM**4514**	GSTIM**4514N**
Ø 4.0		GSTIS**4011**	GSTIS**4011N**	GSTIS**4014**	GSTIS**4014N**
Ø 4.5		GSTIS**4511**	GSTIS**4511N**	GSTIS**4514**	GSTIS**4514N**
Ø 5.0		GSTIS**5011**	GSTIS**5011N**	GSTIS**5014**	GSTIS**5014N**
Ø 6.0		GSTIS**6011**	GSTIS**6011N**	GSTIS**6014**	GSTIS**6014N**
Ø 7.0		GSTIS**7011**	GSTIS**7011N**	GSTIS**7014**	GSTIS**7014N**

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

	Lab Screw	Waxing Screw
M	GSABS**ML**	GSABS**MW**
R	GSABS**SL**	GSABS**SW**

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

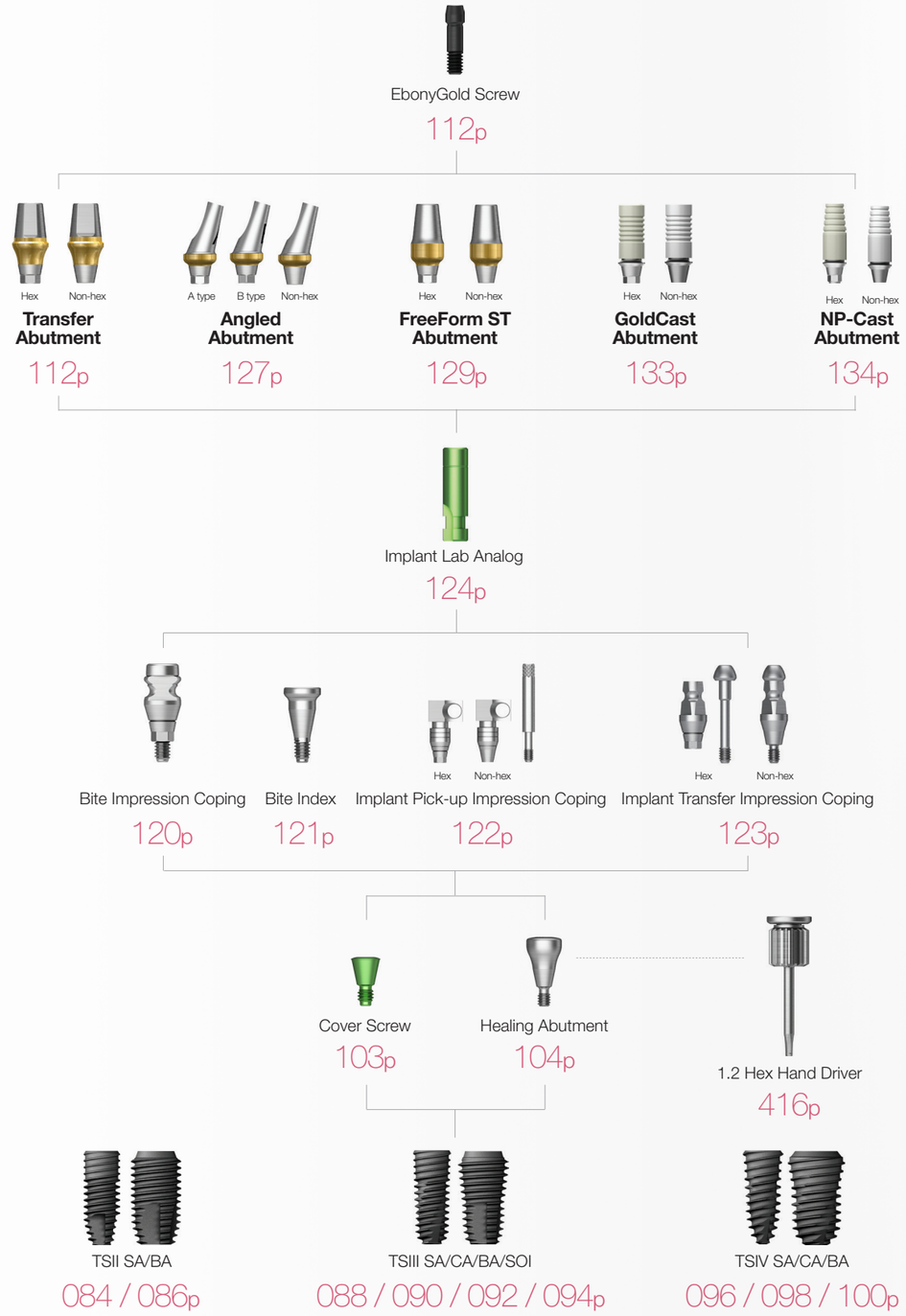
M Mini
R Regular

M For Ø3.0	GSTLA**300**
M	GSTLA**350**
R	GSTLA**400**

PROSTHETIC FLOW DIAGRAM 2

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

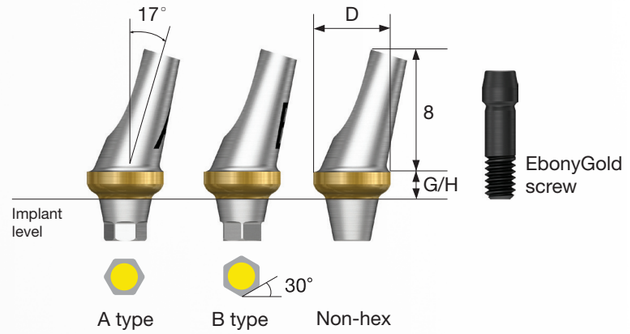
Implant Level Impression



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 : GSAA5020A**WH**)



D ø4.0

M

EbonyGold screw
: GSABSM

G/H	2.0			4.0		
Type	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex
	GSAA**4020MA**	GSAA**4020MB**	GSAA**4020MN**	GSAA**4040MA**	GSAA**4040MB**	GSAA**4040MN**

D ø4.5

M

EbonyGold screw
: GSABSM

G/H	2.0			4.0		
Type	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex
	GSAA**4520MA**	GSAA**4520MB**	GSAA**4520MN**	GSAA**4540MA**	GSAA**4540MB**	GSAA**4540MN**

Angled Abutment 2015.03

D ø4.5

R

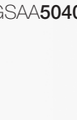
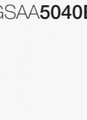
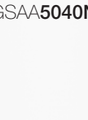
EbonyGold screw
: GSABSS

G/H	2.0			4.0		
Type	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex
	GSAA**4520A**	GSAA**4520B**	GSAA**4520N**	GSAA**4540A**	GSAA**4540B**	GSAA**4540N**

D ø5.0

R

EbonyGold screw
: GSABSS

G/H	2.0			4.0		
Type	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex
						
	GSAA**5020A**	GSAA**5020B**	GSAA**5020N**	GSAA**5040A**	GSAA**5040B**	GSAA**5040N**

D ø6.0

R

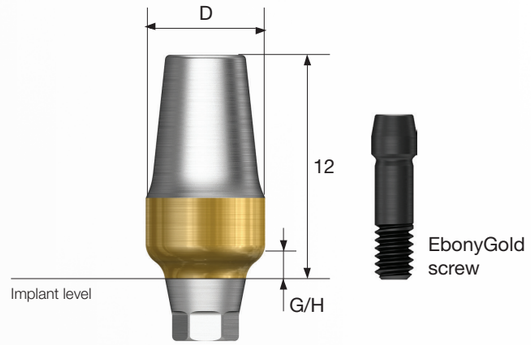
EbonyGold screw
: GSABSS

G/H	2.0			4.0		
Type	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex
	GSAA**6020A**	GSAA**6020B**	GSAA**6020N**	GSAA**6040A**	GSAA**6040B**	GSAA**6040N**

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

M

EbonyGold screw
: GSABSM

G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSFAM**4015**	GSFAM**4015N**	GSFAM**4030**	GSFAM**4030N**

D ø4.0

R

EbonyGold screw
: GSABSS

G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSFA**4015**	GSFA**4015N**	GSFA**4030**	GSFA**4030N**

FreeForm ST Abutment 2013.01

D ø5.0 (Straight)

R

EbonyGold screw
: GSABSS

G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSFAS**5015**	GSFAS**5015N**	GSFAS**5030**	GSFAS**5030N**

D ø5.0

R

EbonyGold screw
: GSABSS

G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSFA**5015**	GSFA**5015N**	GSFA**5030**	GSFA**5030N**

D ø6.0

R

EbonyGold screw
: GSABSS

G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSFA**6015**	GSFA**6015N**	GSFA**6030**	GSFA**6030N**

D ø7.0

R

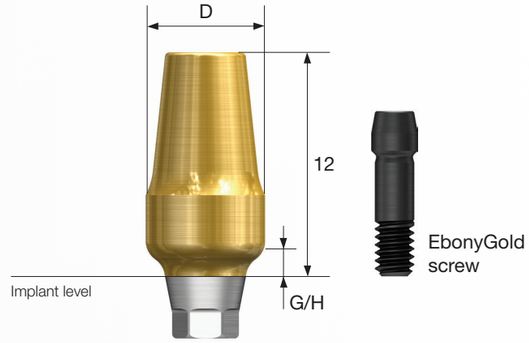
EbonyGold screw
: GSABSS

G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSFA**7015**	GSFA**7015N**	GSFA**7030**	GSFA**7030N**

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

M

EbonyGold screw
: GSABSM

G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	BGSFAM**4015**	BGSFAM**4015N**	BGSFAM**4030**	BGSFAM**4030N**

D ø4.0

R

EbonyGold screw
: GSABSS

G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	BGSFA**4015**	BGSFA**4015N**	BGSFA**4030**	BGSFA**4030N**

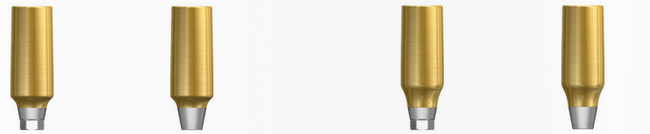
FreeForm ST ID Abutment 2014.09

D ø5.0 (Straight)

R

EbonyGold screw
: GSABSS

G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex



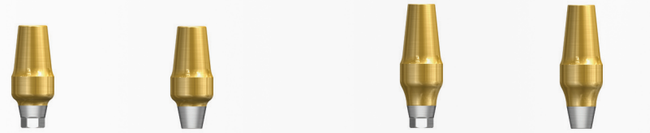
BGSFAS**5015** BGSFAS**5015N** BGSFAS**5030** BGSFAS**5030N**

D ø5.0

R

EbonyGold screw
: GSABSS

G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex



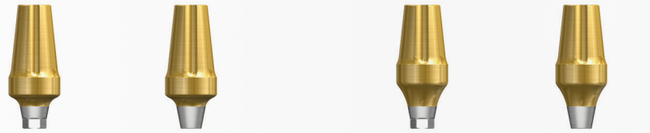
BGSFA**5015** BGSFA**5015N** BGSFA**5030** GSFA**5030NB**

D ø6.0

R

EbonyGold screw
: GSABSS

G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex



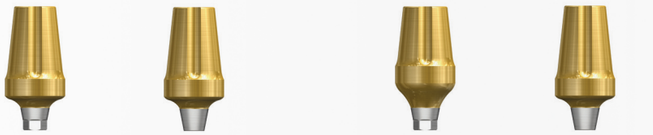
BGSFA**6015** BGSFA**6015N** BGSFA**6030** BGSFA**6030N**

D ø7.0

R

EbonyGold screw
: GSABSS

G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex

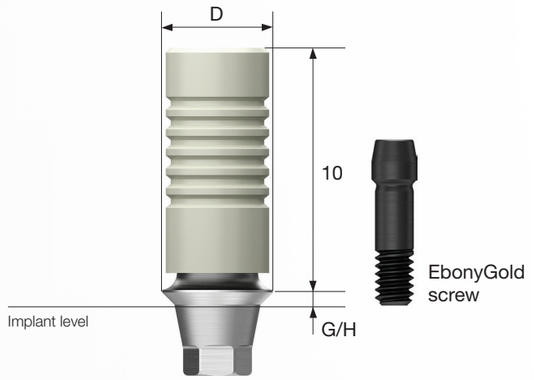


BGSFA**7015** BGSFA**7015N** BGSFA**7030** BGSFA**7030N**

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℃
- 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 : GSGA4510S**WH**)



D ø4.0

M

EbonyGold screw
: GSABSM

G/H	1.0		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex

GSGA**4010S** GSGA**4010B** GSGA**4030S** GSGA**4030B**

D ø4.5

R

EbonyGold screw
: GSABSS

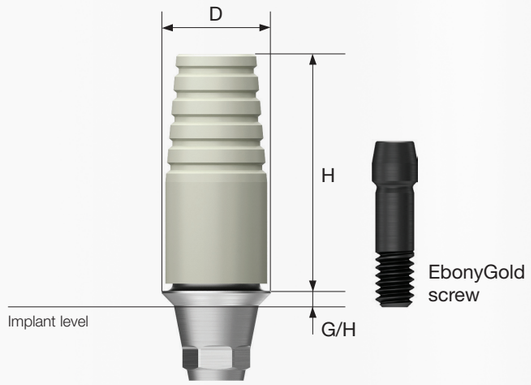
G/H	1.0		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex

GSGA**4510S** GSGA**4510B** GSGA**4530S** GSGA**4530B**

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℃
- 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 : GSNA4510S**WH**)



D ø4.0

M

EbonyGold screw
: GSABSM

G/H	1.0		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSNA**4010S**	GSNA**4010B**	GSNA**4030S**	GSNA**4030B**

D ø4.5

R

EbonyGold screw
: GSABSS

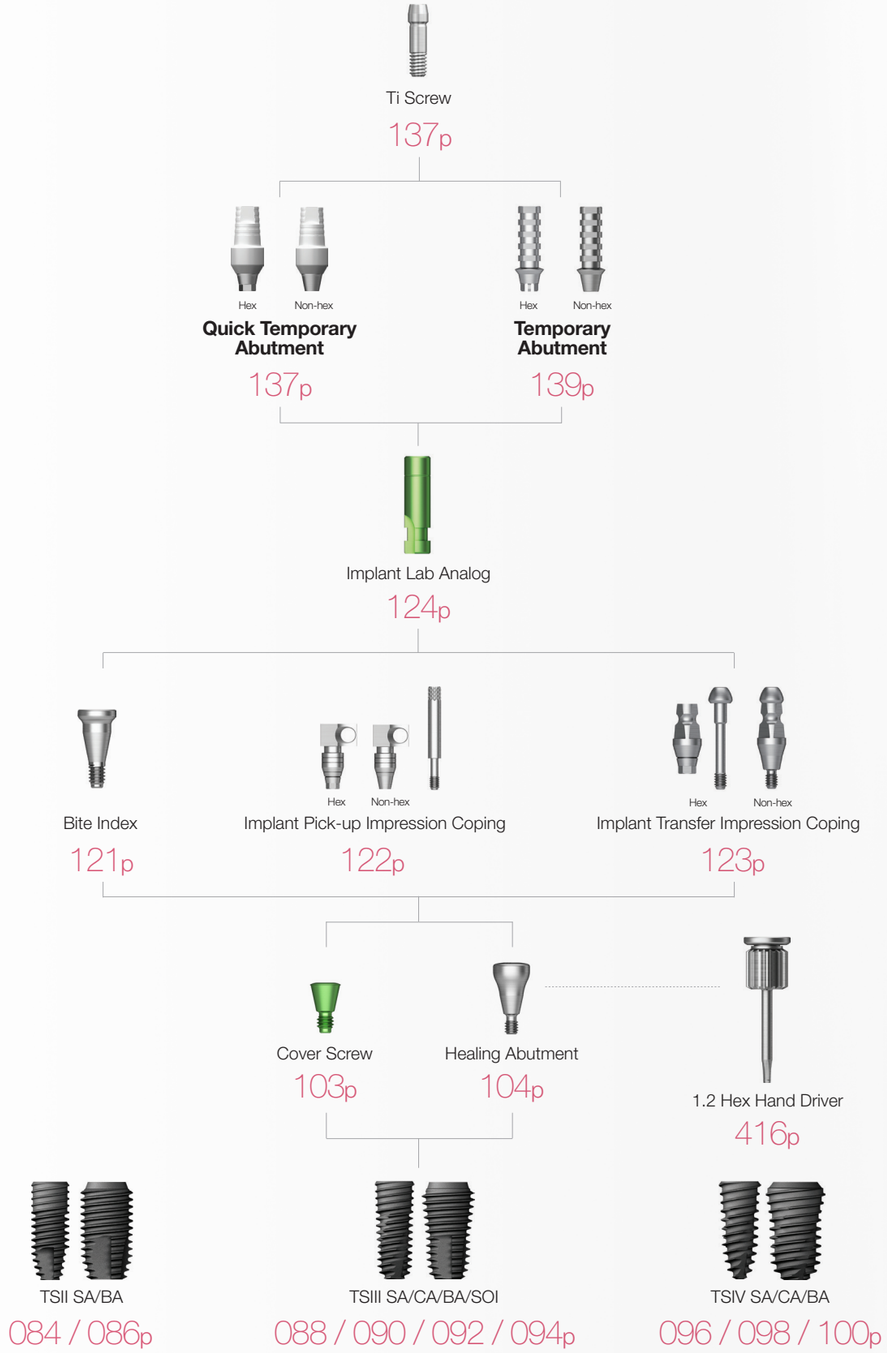
G/H	1.0		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSNA**4510S**	GSNA**4510B**	GSNA**4530S**	GSNA**4530B**

OSSTEM IMPLANT

PROSTHETIC FLOW DIAGRAM 3

Temporary / Quick Temporary

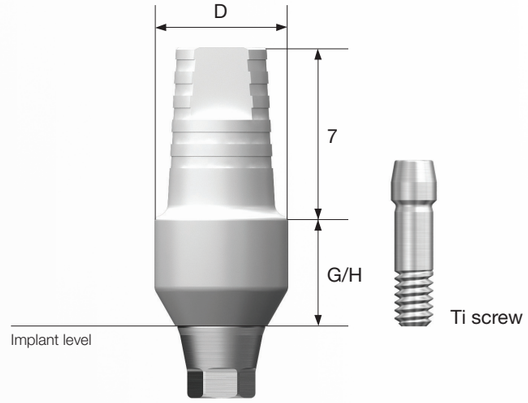
Implant Level Impression



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 : TSQTA5550**TH**)



2015.03

D Ø4.0

M

Ti screw
: GSABSMT

G/H	1.5		5.0	
Type	**Hex**	**Non-Hex**	**Hex**	**Non-Hex**
	TSQTA**4015M**	TSQTA**4015MN**	TSQTA**4050M**	TSQTA**4050MN**

D Ø4.5

M

Ti screw
: GSABSMT

G/H	1.5		5.0	
Type	**Hex**	**Non-Hex**	**Hex**	**Non-Hex**
	-	-	TSQTA**4550**	TSQTA**4550N**

Quick Temporary Abutment 2012.04

2015.03

D ø4.5

R

Ti screw
: GSABSST

G/H	1.5		5.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	TSQTA**4515R**	TSQTA**4515RN**	TSQTA**4550R**	TSQTA**4550RN**

D ø5.5

R

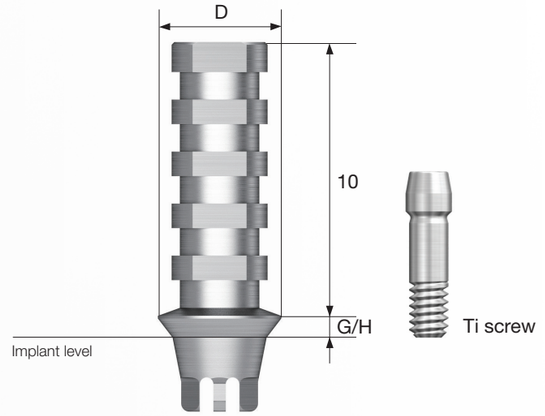
Ti screw
: GSABSST

G/H	1.5		5.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	-	-	TSQTA**5550**	TSQTA**5550N**

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

M

Ti screw
: GSABSMT

G/H	1.0		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSTTA**4010**	GSTTA**4010N**	GSTTA**4030**	GSTTA**4030N**

D ø4.5

R

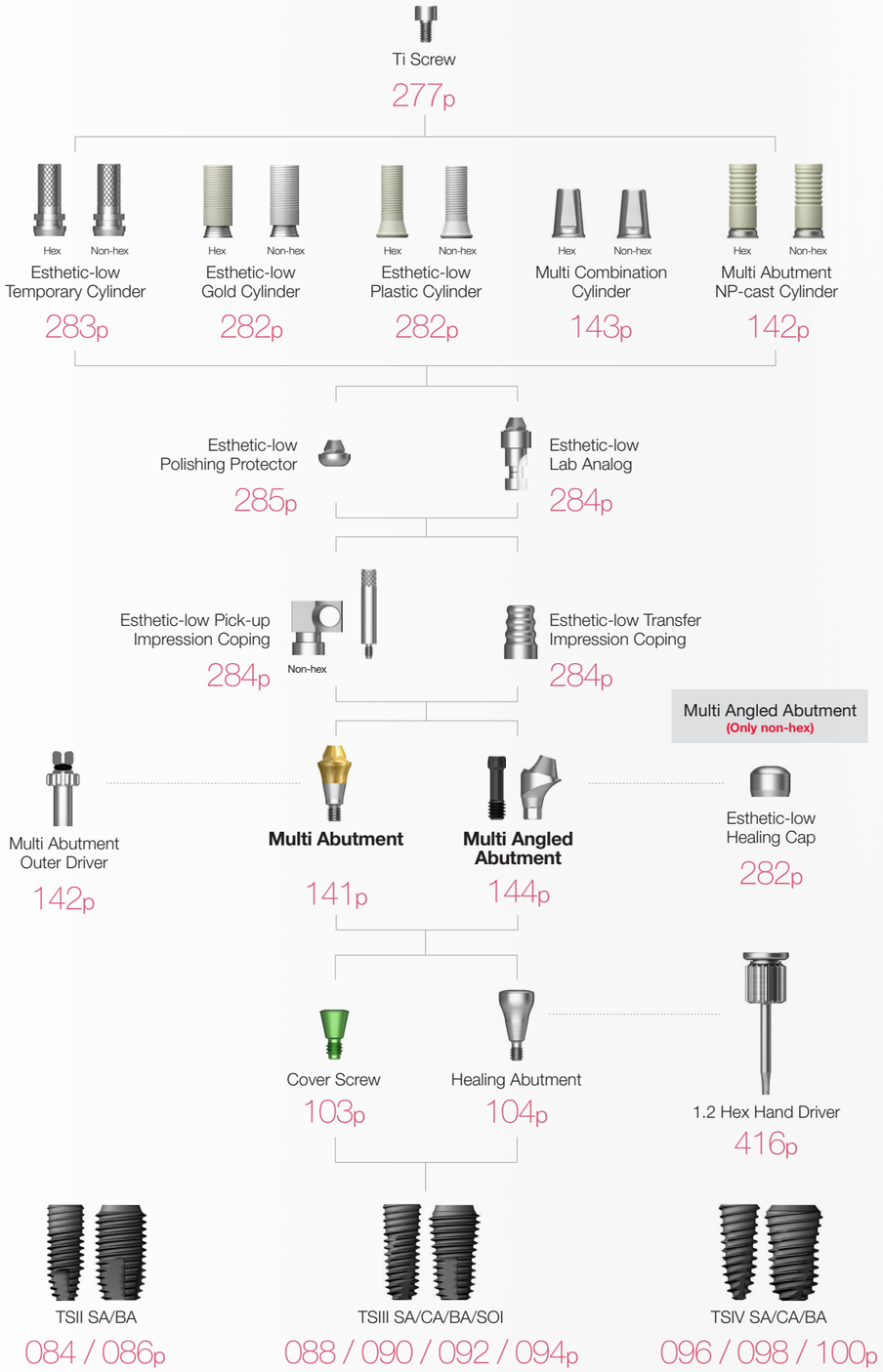
Ti screw
: GSABSST

G/H	1.0		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSTTA**4510**	GSTTA**4510N**	GSTTA**4530**	GSTTA**4530N**

PROSTHETIC FLOW DIAGRAM 4

Multi / Multi Angled

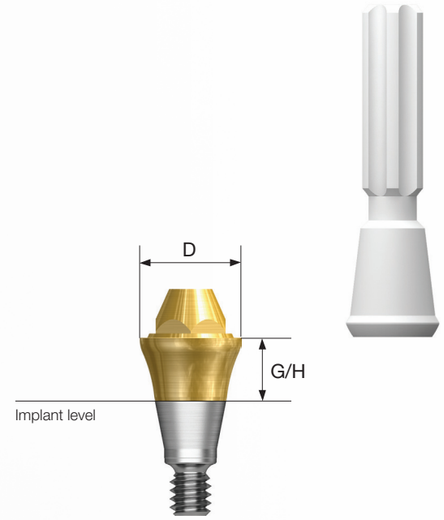
Abutment Level Impression



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 : TSMA5030**P**)



D ø4.8

M

G/H	1.0	2.0	3.0	4.0	5.0
	TSMA**5010M**	TSMA**5020M**	TSMA**5030M**	TSMA**5040M**	TSMA**5050M**

D ø4.8

R

G/H	1.0	2.0	3.0	4.0	5.0
	TSMA**5010**	TSMA**5020**	TSMA**5030**	TSMA**5040**	TSMA**5050**

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℃
- 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 : TSMN500**TH**)

M Mini

R Regular

Ti screw
: MTS200

D \ Type	Hex	Non-Hex
	TSMN**500**	TSMN**500N**

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 : TSMC500**TH**)

M Mini

R Regular

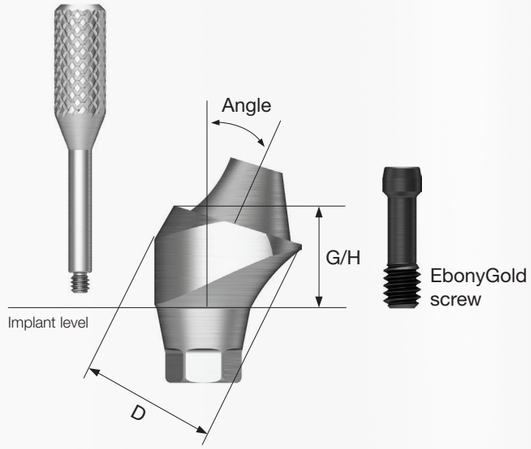
Ti screw
: MTS200

D \ Type	Hex	Non-Hex
	TSMC**500**	TSMC**500N**

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

M

EbonyGold screw
: GSMABSM

Angle \ G/H	2.5	3.0	4.0
17°	GS17MAM**4820**	GS17MAM**4830**	GS17MAM**4840**

Angle \ G/H	3.5	4.0	5.0
30°	GS30MAM**4830**	GS30MAM**4840**	GS30MAM**4850**

D ø4.8

R

EbonyGold screw
: GSMABSS

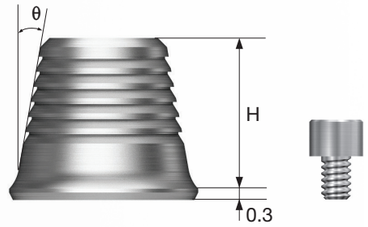
Angle \ G/H	2.5	3.0	4.0	5.0
17°	GS17MAS**4820**	GS17MAS**4830**	GS17MAS**4840**	GS17MAS**4850**

Angle \ G/H	3.5	4.0	5.0
30°	GS30MAS**4830**	GS30MAS**4840**	GS30MAS**4850**

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 : TSMTB405G**TH**)



H \ Degree(θ)	5°	10°
4	TSMTB**0405G**	TSMTB**0410G**
6	TSMTB**0605G**	-

TS Multi Scan Body

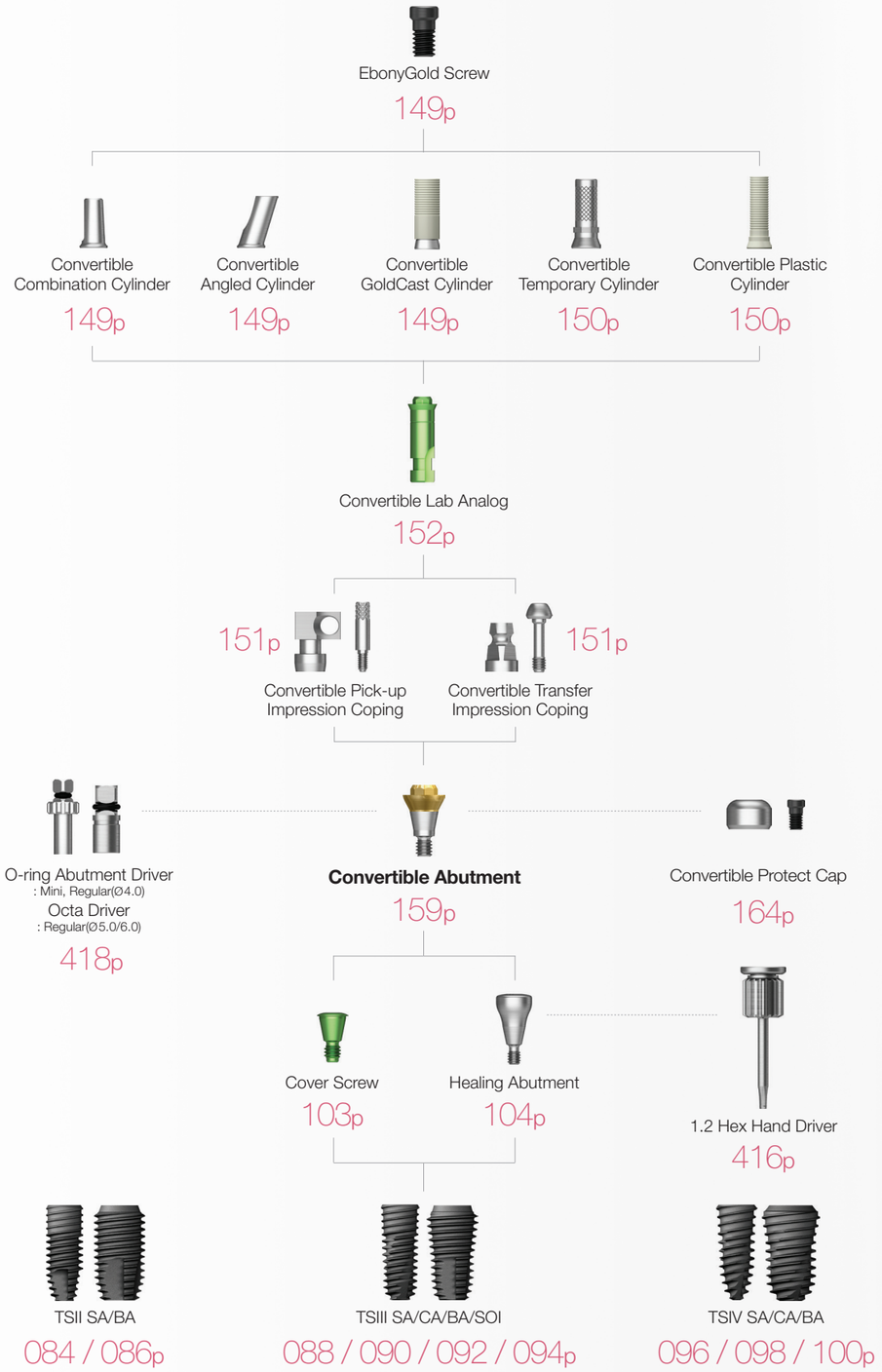
- Used by connecting to the TS multi abutment for oral scanning
- Used for non-hex type
- Hand tightened with a 1.2 hex driver

TSMSBC

PROSTHETIC FLOW DIAGRAM 5

Convertible

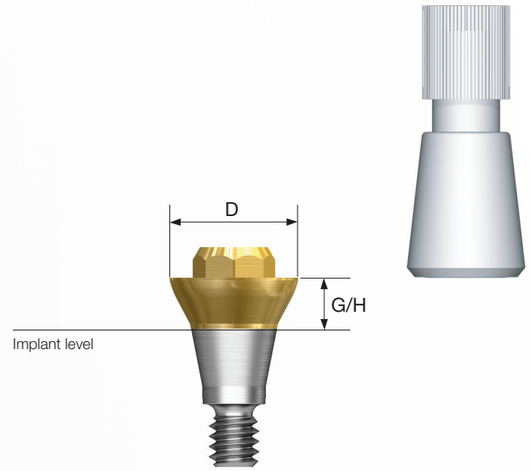
Abutment Level Impression



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 : GSCA5030**P**)



D ø4.0

M

G/H	1.0	2.0	3.0	4.0
	GSCA**4010**	GSCA**4020**	GSCA**4030**	GSCA**4040**

D ø4.0

R

G/H	1.0	2.0	3.0	4.0
	GSCAS**4010**	GSCAS**4020**	GSCAS**4030**	GSCAS**4040**

Convertible Abutment

D ø5.0

R

G/H	1.0	2.0	3.0	4.0	5.0
	GSCA**5010**	GSCA**5020**	GSCA**5030**	GSCA**5040**	GSCA**5050**

D ø6.0

R

G/H	1.0	2.0	3.0	4.0	5.0
	GSCA**6010**	GSCA**6020**	GSCA**6030**	GSCA**6040**	GSCA**6050**

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 : GSCC5070T**WH**)

M Mini

R Regular

D \ H Type	Hex	Non-Hex	Octa
ø4.0/ø4.0	GSCC**4070T**	GSCC**4070TN**	-
ø5.0	-	-	GSCC**5070T**
ø6.0	-	-	GSCC**6070T**

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 : GSAC5080T**WH**)

M Mini

R Regular

D \ H Type	Hex	Non-Hex	Octa
ø4.0/ø4.0	GSAC**4080T**	GSAC**4080TN**	-
ø5.0	-	-	GSAC**5080T**
ø6.0	-	-	GSAC**6080T**

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℃
- 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 Type	Hex	Non-Hex	Octa
ø4.0/ø4.0	GSGC**400**	GSGC**400N**	-
ø5.0	-	-	GSGC**500**
ø6.0	-	-	GSGC**600**

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 : GSCTC500T**TH**)

M Mini
R Regular

D \ H	12		
Type	Hex	Non-Hex	Octa
ø 4.0 / ø 4.0	GSCTC**400T**	GSCTC**400NT**	-
ø 5.0	-	-	GSCTC**500T**
ø 6.0	-	-	GSCTC**600T**

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

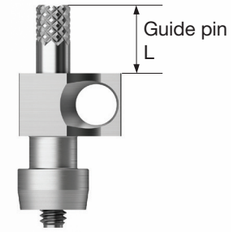
D \ H	12		
Type	Hex	Non-Hex	Octa
ø 4.0 / ø 4.0	GSCPL**400**	GSCPL**400N**	-
ø 5.0	-	-	GSCPL**500**
ø 6.0	-	-	GSCPL**600**

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	Guide Pin 0	Guide Pin 5.0
ø 4.0 / ø 4.0	GSPIC**400** (Hex / Yellow)	GSCGP**400S**	GSCGP**400L***
ø 5.0	GSPIC**500** (Octa / Silver)	GSCGP**500S**	GSCGP**500L***
ø 6.0	GSPIC**600** (Octa / Blue)		

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

D	
ø 4.0 / ø 4.0	GSTIC**400** (Hex / Yellow)
ø 5.0	GSTIC**500** (Octa / Silver)
ø 6.0	GSTIC**600** (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

D			
Ø 4.0 / Ø 4.0	GSCHC**400** (Hex)	-	-
Ø 5.0	-	GSCHC**500** (Non-octa)	-
Ø 6.0	-	-	GSCHC**600** (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

D			
Ø 4.0 / Ø 4.0	GSCLA**400** (Hex)	-	-
Ø 5.0	-	GSCLA**500** (Octa)	-
Ø 6.0	-	-	GSCLA**600** (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

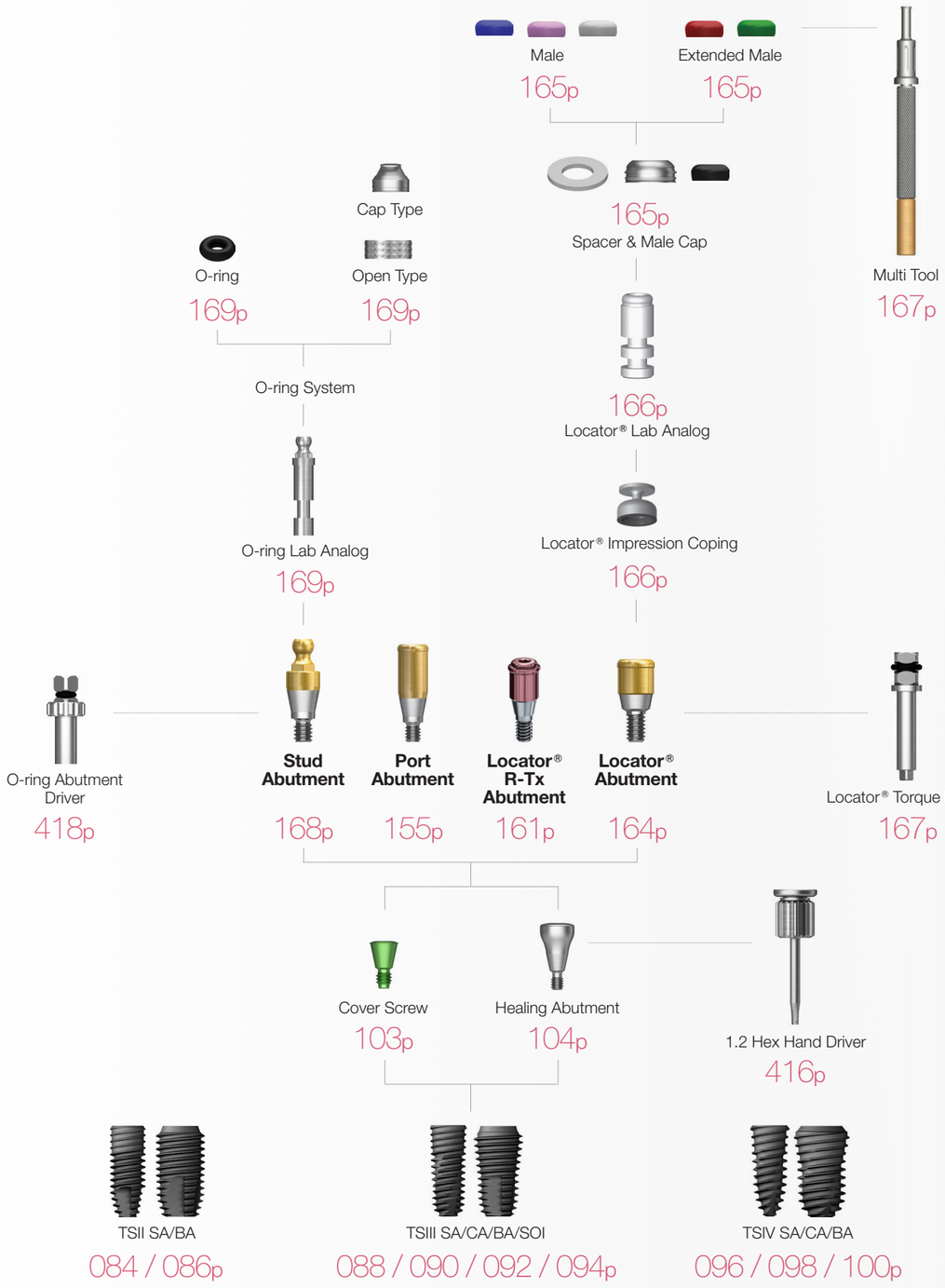
D			
Ø 4.0 / Ø 4.0	GSCPC**400** (Hex)	-	-
Ø 5.0	-	GSCPC**500** (Octa)	-
Ø 6.0	-	-	GSCPC**600** (Octa)

OSSTEM IMPLANT

PROSTHETIC FLOW DIAGRAM 6

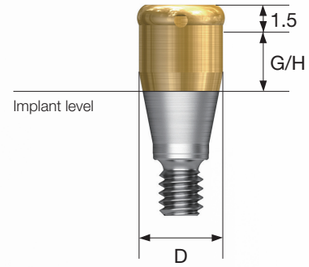
Port / Locator® / Stud

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
	TSPTA**3510M**	TSPTA**3520M**	TSPTA**3530M**	TSPTA**3540M**

G/H	5.0	6.0	7.0
	TSPTA**3550M**	TSPTA**3560M**	TSPTA**3570M**

D Ø3.7

R

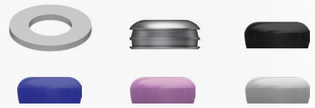
G/H	1.0	2.0	3.0	4.0
	TSPTA**4010R**	TSPTA**4020R**	TSPTA**4030R**	TSPTA**4040R**

G/H	5.0	6.0	7.0
	TSPTA**4050R**	TSPTA**4060R**	TSPTA**4070R**

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



PTCMK

Port Replacement Male

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

PTCM06S

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

PTCM12S

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

PTCM22S

Port Extended Replacement Male

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

PTCEM06S

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

PTCEM12S

Port Black Processing Male

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

PTCPMS

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

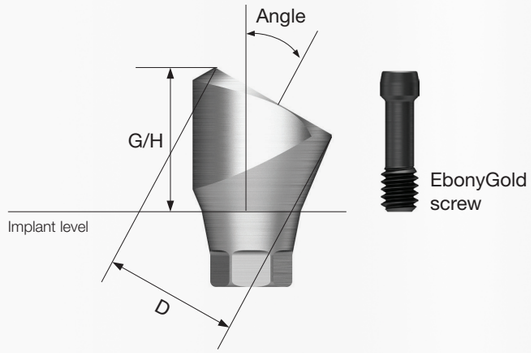
- Lab analog for Locator Abutment
- Packing unit : 1ea

PTCLA40

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

M

EbonyGold screw
: GSMABSM

Angle \ G/H	4.0	5.0
10°	TS10PA**454M**	TS10PA**455M**

Angle \ G/H	4.0	5.0
17°	TS17PA**454M**	TS17PA**455M**

Angle \ G/H	4.0	5.0
30°	TS30PA**454M**	TS30PA**455M**

D ø4.6

R

EbonyGold screw
: GSMABSS

Angle \ G/H	4.0	5.0
10°	TS10PA**454R**	TS10PA**455R**

Angle \ G/H	4.0	5.0
17°	TS17PA**454R**	TS17PA**455R**

Angle \ G/H	4.0	5.0
30°	TS30PA**454R**	TS30PA**455R**

Port Angled Abutment Components

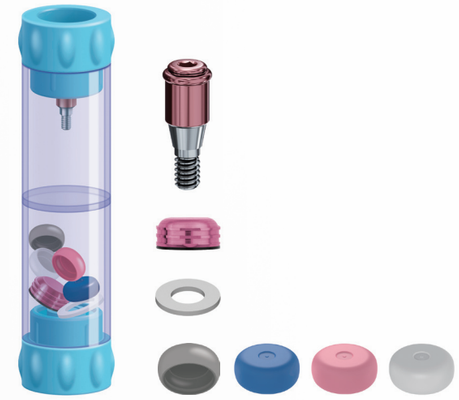
Port Angled Abutment Head

- 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

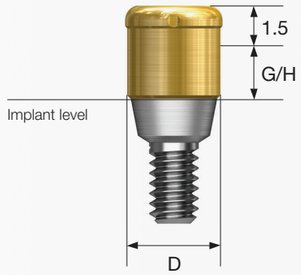
R-Tx Male Insert Tool

- 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

G/H	1.0	2.0	3.0	4.0	5.0
	HGLCA**3510M**	HGLCA**3520M**	HGLCA**3530M**	HGLCA**3540M**	HGLCA**3550M**

D ø3.7

R

G/H	1.0	2.0	3.0	4.0	5.0
	HGLCA**4010S**	HGLCA**4020S**	HGLCA**4030S**	HGLCA**4040S**	HGLCA**4050S**

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

LMPS

Locator® Replacement Male

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

LRM06S

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

LRM12S

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

LRM22S

Locator® Extended Replacement Male

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

LEM06S

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

LEM12S

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

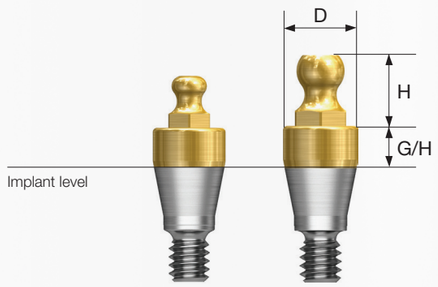
Locator® Torque Driver

- Torque driver for Locator Abutment

Type	Short	Long
	TWLD**SK**	TWLD**LK**

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

RCS01

RCS02
(Small size)

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

OAON02S
(Small size)

O-ring Lab Analog

- Lab analog for Stud Abutment

OAL

OAL02
(Small size)

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 / Type	Ø2.20	Ø2.35	Ø2.65	Ø3.00
	Long			
50	TSSE**2250S**	TSSE**2350S**	SSSE**2650S**	USSE**3050S**

TS Abutment Selector 2019.02

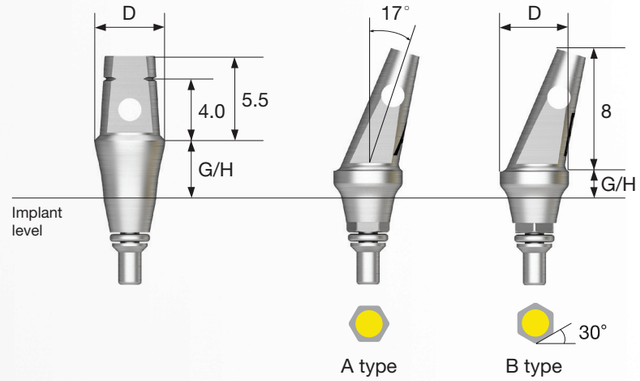
- Component accessory that allows prediction of the final abutment specification required
- Only for rigid, transfer and angled abutment
- PSU ring combination allows manual tightening and removal
- Hole for prevention of dropping in the mouth

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	TSSS**4020**	TSSS**4040**
Ø 4.5	TSSS**4520**	TSSS**4540**
Ø 5.0	TSSS**5020**	TSSS**5040**
Ø 6.0	TSSS**6020**	TSSS**6040**

Angled Type

G/H / Type	2.0		4.0	
	Hex A	Hex B	Hex A	Hex B
Ø 4.0	TSSA**4020A**	TSSA**4020B**	TSSA**4040A**	TSSA**4040B**
Ø 4.5	TSSA**4520A**	TSSA**4520B**	TSSA**4540A**	TSSA**4540B**
Ø 5.0	TSSA**5020A**	TSSA**5020B**	TSSA**5040A**	TSSA**5040B**

OSSTEM IMPLANT

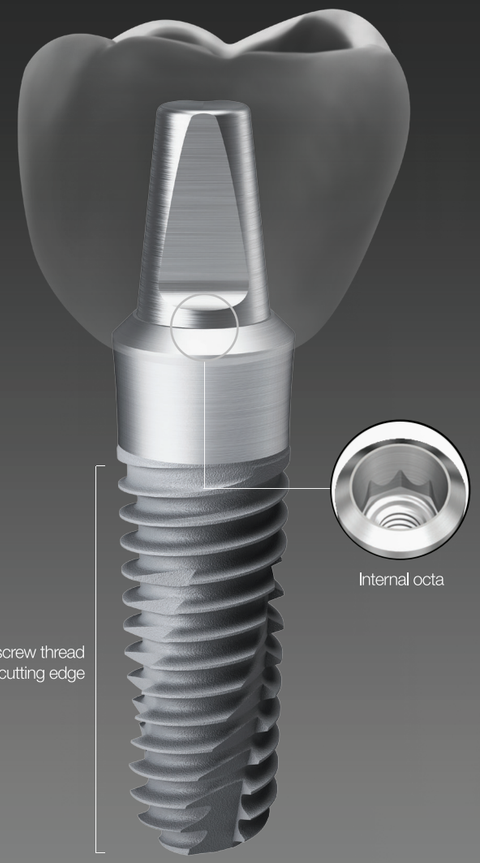
IMPLANT

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

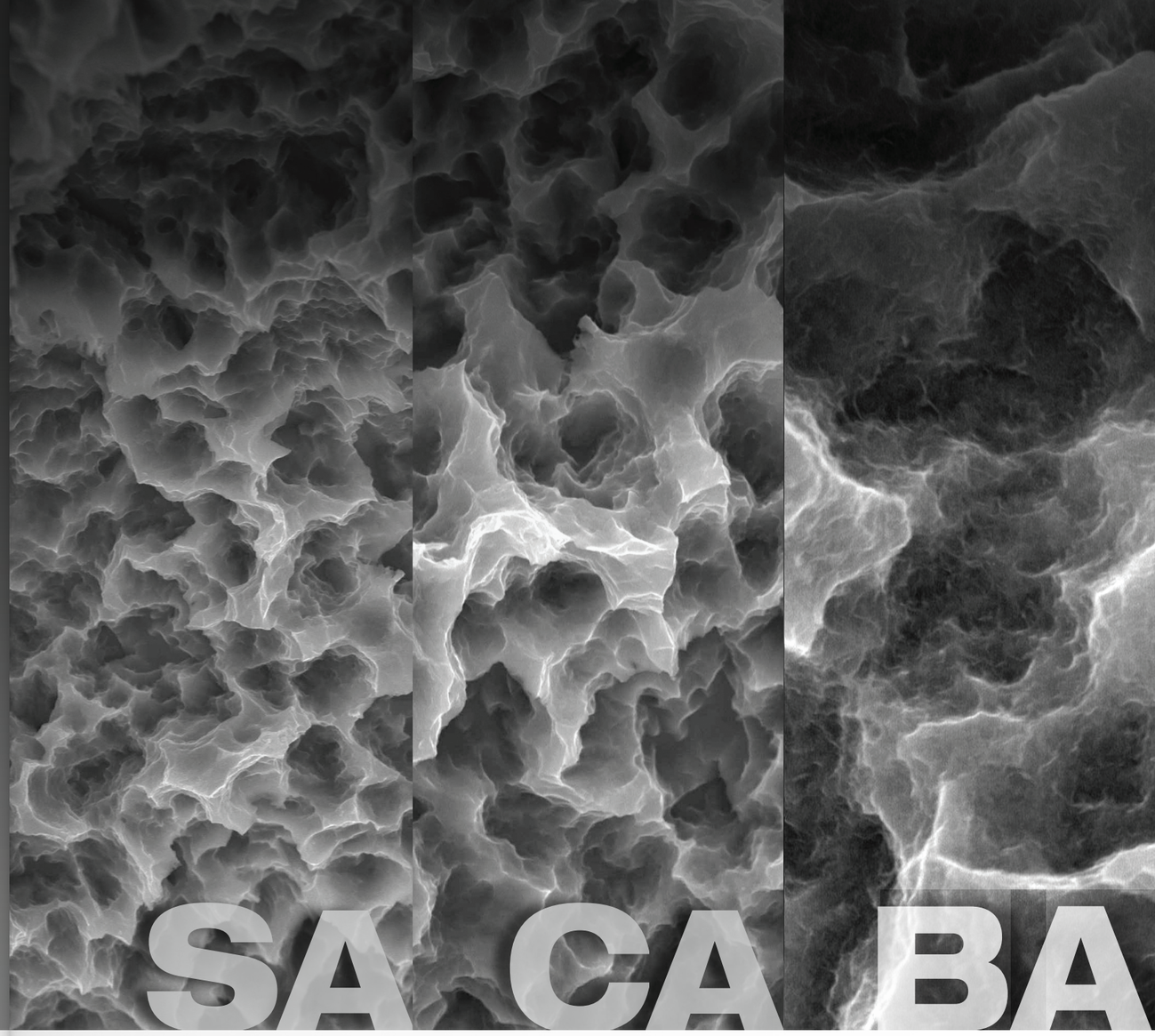
COMPONENTS

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



SS packaging color information

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

Optimized surface morphology through acid-etching treatment

- Surface roughness: Ra 2.0-3.0㎛ (Note: the roughness in the upper 0.5mm part is Ra 0.5-0.6㎛)
- Uniform surface micro-pits of 1~3㎛
- 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㎛) 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

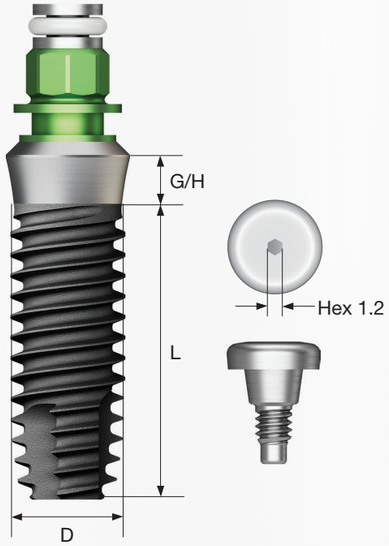
SSII SA Implant 2010.11

- 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 : **A**SS2R4011S18)



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

D ø5.0 / P ø6.0 (W)

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

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

SSII CA Implant 2015.07

- 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 (Short)	7	8.5	10	11.5	13
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 (Short)	7	8.5	10	11.5	13
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 (Short)	7	8.5	10	11.5	13
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

SSII BA Implant 2018.12

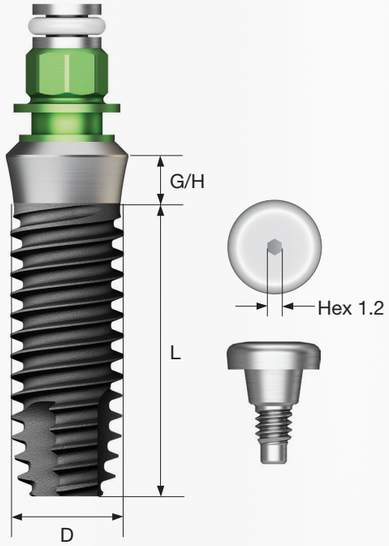
- Non-submerged type implant with an internal octa 8° tapered connection based on the one-stage surgery
- Premium low crystalline nano-HA coated SA surface
- Minimized risk of cracks or detachment of the coating due to the application of bioresorbable coating layer
- Straight body design for easy adjustment 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 : **A**SS2R4011B18)



D ø4.0 / P ø4.8 (R)

G/H \ L	7	8.5	10	11.5	13
1.8	SS2R4007B18	SS2R4008B18	SS2R4010B18	SS2R4011B18	SS2R4013B18
2.8	-	SS2R4008B28	SS2R4010B28	SS2R4011B28	SS2R4013B28

D ø4.5 / P ø4.8 (R)

G/H \ L	7	8.5	10	11.5	13
1.8	SS2R4507B18	SS2R4508B18	SS2R4510B18	SS2R4511B18	SS2R4513B18
2.8	-	SS2R4508B28	SS2R4510B28	SS2R4511B28	SS2R4513B28

D ø4.5 / P ø6.0 (W)

G/H \ L	7	8.5	10	11.5	13
1.8	SS2W4507B18	SS2W4508B18	SS2W4510B18	SS2W4511B18	SS2W4513B18
2.8	SS2W4507B28	SS2W4508B28	SS2W4510B28	SS2W4511B28	SS2W4513B28

D ø5.0 / P ø6.0 (W)

G/H \ L	6	7	8.5	10	11.5	13
1.8	SS2W5006B18	SS2W5007B18	SS2W5008B18	SS2W5010B18	SS2W5011B18	SS2W5013B18
2.8	SS2W5006B28	SS2W5007B28	SS2W5008B28	SS2W5010B28	SS2W5011B28	SS2W5013B28

Short

Ultra-wide

D ø6.0 / P ø6.0 (W)

G/H \ L	6	7	8.5	10	11.5	13
1.8	SS2W6006B18	SS2W6007B18	SS2W6008B18	SS2W6010B18	SS2W6011B18	SS2W6013B18
2.8	SS2W6006B28	SS2W6007B28	SS2W6008B28	SS2W6010B28	SS2W6011B28	SS2W6013B28

Short

D ø7.0 / P ø6.0 (W)

G/H \ L	6	7	8.5	10	11.5	13
1.8	SS2W7006B18	SS2W7007B18	SS2W7008B18	SS2W7010B18	SS2W7011B18	SS2W7013B18
2.8	SS2W7006B28	SS2W7007B28	SS2W7008B28	SS2W7010B28	SS2W7011B28	SS2W7013B28

Short

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

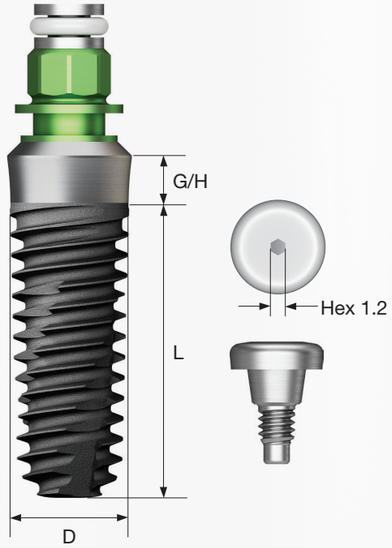
Ultra-wide

- 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 : **A**SS3R4011S18)



D ø3.5 P ø4.8 R

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 R

G/H \ L	7 (Extra short)	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 R

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

D ø4.5 P ø6.0 W

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

D ø5.0 P ø6.0 W

G/H \ L	6 (Extra short)	6 (Extra short)	6 (Short)	7	8.5	10	11.5	13
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 ø6.0
P ø6.0

W

G/H	6	7	8.5	10	11.5	13
1.8	SS3W6006S18	SS3W6007S18	SS3W6008S18	SS3W6010S18	SS3W6011S18	SS3W6013S18
2.8	SS3W6006S28	SS3W6007S28	SS3W6008S28	SS3W6010S28	SS3W6011S28	SS3W6013S28

D ø7.0
P ø6.0

W

G/H	6	7	8.5	10	11.5	13
1.8	SS3W7006S18	SS3W7007S18	SS3W7008S18	SS3W7010S18	SS3W7011S18	SS3W7013S18
2.8	SS3W7006S28	SS3W7007S28	SS3W7008S28	SS3W7010S28	SS3W7011S28	SS3W7013S28

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

OSSTEM IMPLANT

SSIII CA Implant 2014.05

- 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: ≤ 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 : SS3R4011C18)

D ø3.5 P ø4.8 R

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 R

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 R

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 W

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 W

G/H \ L	6 Short	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

SSIII CA Implant 2014.05

Ultra-wide

D ø6.0
P ø6.0
W

G/H \ L	6	7	8.5	10	11.5	13
1.8	SS3W**6006C18**	SS3W**6007C18**	SS3W**6008C18**	SS3W**6010C18**	SS3W**6011C18**	SS3W**6013C18**
2.8	SS3W**6006C28**	SS3W**6007C28**	SS3W**6008C28**	SS3W**6010C28**	SS3W**6011C28**	SS3W**6013C28**

D ø7.0
P ø6.0
W

G/H \ L	6	7	8.5	10	11.5	13
1.8	SS3W**7006C18**	SS3W**7007C18**	SS3W**7008C18**	SS3W**7010C18**	SS3W**7011C18**	SS3W**7013C18**
2.8	SS3W**7006C28**	SS3W**7007C28**	SS3W**7008C28**	SS3W**7010C28**	SS3W**7011C28**	SS3W**7013C28**

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

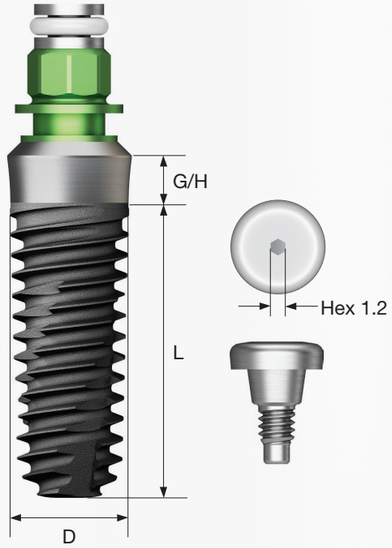
- Non-submerged type implant with an internal octa 8° tapered connection based on the one-stage surgery
- Premium low crystalline nano-HA coated SA surface
- Minimized risk of cracks or detachment of the coating due to the application of bioresorbable coating layer
- Tapered body design for excellent 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: ≤ 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 : ASS3R4011B18)



D ø3.5 P ø4.8 R

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 R

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 R

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 W

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 W

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

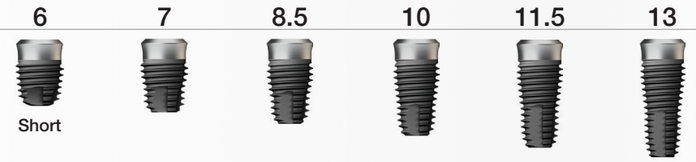
Nominal diameter may differ from the actual diameter of the product

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

SSIII BA Implant 2018.12

Ultra-wide

D ø6.0
P ø6.0
W



G/H	6	7	8.5	10	11.5	13
1.8	SS3W**6006B18**	SS3W**6007B18**	SS3W**6008B18**	SS3W**6010B18**	SS3W**6011B18**	SS3W**6013B18**
2.8	SS3W**6006B28**	SS3W**6007B28**	SS3W**6008B28**	SS3W**6010B28**	SS3W**6011B28**	SS3W**6013B28**

D ø7.0
P ø6.0
W

G/H	6	7	8.5	10	11.5	13
1.8	SS3W**7006B18**	SS3W**7007B18**	SS3W**7008B18**	SS3W**7010B18**	SS3W**7011B18**	SS3W**7013B18**
2.8	SS3W**7006B28**	SS3W**7007B28**	SS3W**7008B28**	SS3W**7010B28**	SS3W**7011B28**	SS3W**7013B28**

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

Mount & Screw 2007.09

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**

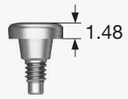
Cover Screw

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

R Regular
W Wide

P

R



SSCS**480**

W

SSCS**600**

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

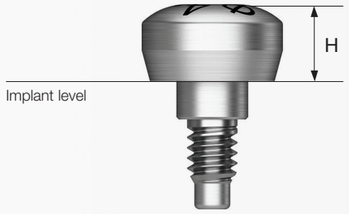
SSCS**600N**

Healing Abutment 2007.09

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

R Regular

W Wide



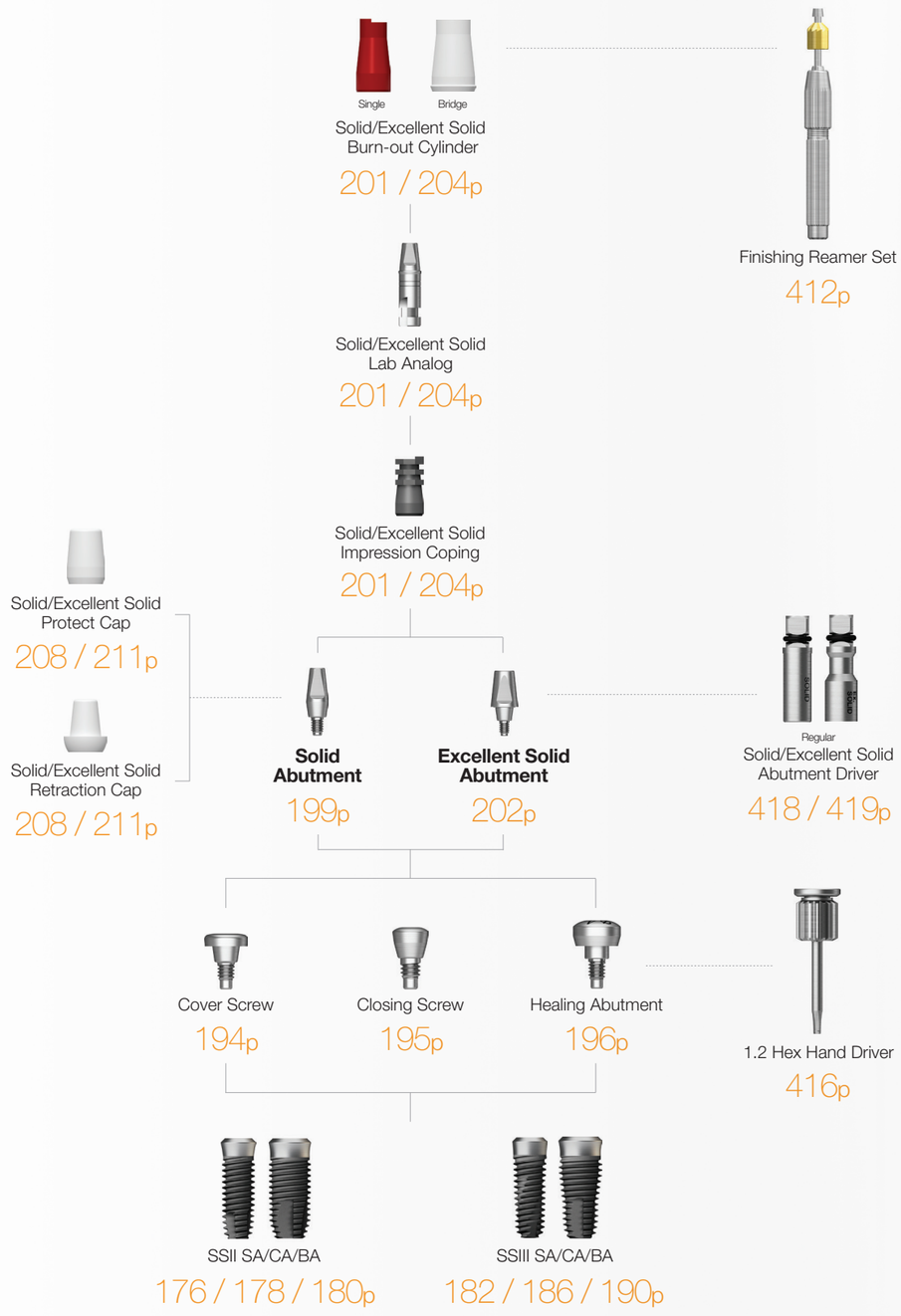
P \ H	2.0	3.0	4.0	5.0
ø4.8	SSH482	SSH483	SSH484	SSH485

P \ H	2.0	3.0	4.0	5.0
ø6.0	-	SSH603	SSH604	SSH605

PROSTHETIC FLOW DIAGRAM 1

Solid / Excellent Solid

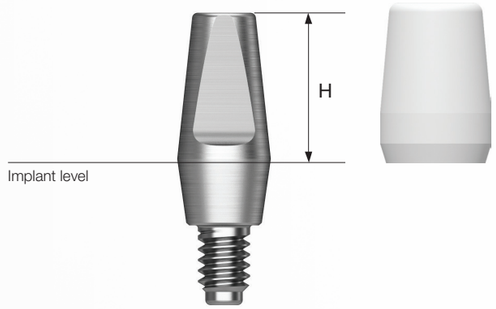
Abutment Level Impression



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

R

H	4.0	5.5	7.0
	SSS**484**	SSS**485**	SSS**487**

P ø6.0

W

H	4.0	5.5	7.0
	SSS**604**	SSS**605**	SSS**607**

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	SSC**484**	SSC**485**	SSC**487**
Ø 6.0	SSC**604**	SSC**605**	SSC**607**

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	SSSRC**484**	SSSRC**485**	SSSRC**487**
Ø 6.0	SSSRC**604**	SSSRC**605**	SSSRC**607**

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	SSIC**484**	SSIC**485**	SSIC**487**
Ø 6.0	SSIC**604**	SSIC**605**	SSIC**607**

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	SSSA**484**	SSSA**485**	SSSA**487**
Ø 6.0	SSSA**604**	SSSA**605**	SSSA**607**

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

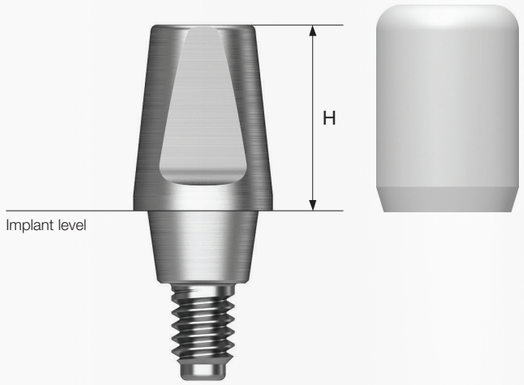
R Regular
W Wide

P \ H	Single	Bridge
Ø 4.8	SSSP**480S**	SSSP**480B**
Ø 6.0	SSSP**600S**	SSSP**600B**

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 : SSE485**P**)



P Ø4.8

R

H	4.0	5.5	7.0
	SSE**484**	SSE**485**	SSE**487**

P Ø6.0

W

H	4.0	5.5	7.0
	SSE**604**	SSE**605**	SSE**607**

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	SSEC**484**	SSEC**485**	SSEC**487**
Ø 6.0	SSEC**604**	SSEC**605**	SSEC**607**

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	SSERC**484**	SSERC**485**	SSERC**487**
Ø 6.0	SSERC**604**	SSERC**605**	SSERC**607**

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
Ø 4.8	SSEIC**484**	SSEIC**485**	SSEIC**487**
Ø 6.0	SSEIC**604**	SSEIC**605**	SSEIC**607**

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
Ø 4.8	SSEA**484**	SSEA**485**	SSEA**487**
Ø 6.0	SSEA**604**	SSEA**605**	SSEA**607**

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

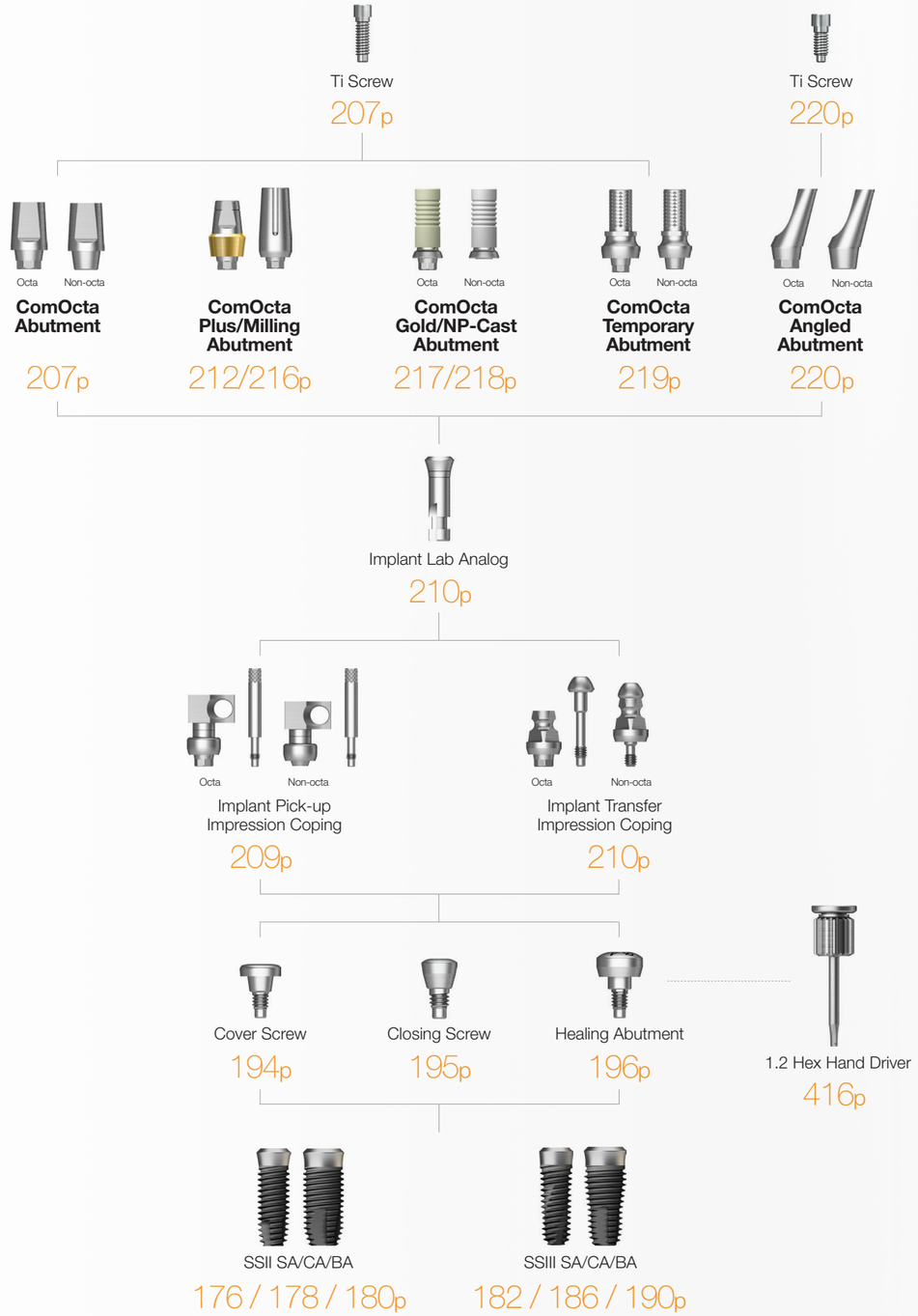
R Regular
W Wide

P \ H	Single	Bridge
Ø 4.8	SSEP**480S**	SSEP**480B**
Ø 6.0	SSEP**600S**	SSEP**600B**

PROSTHETIC FLOW DIAGRAM 2

ComOcta

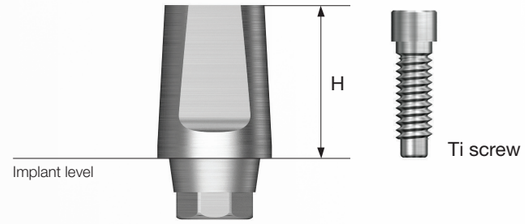
Implant Level Impression



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 : SSCA485**TH**)



P ø4.8

R

Ti screw
: ASR200

H	4.0	5.5	7.0	4.0	5.5	7.0
Type	Octa			Non-Octa		
	SSCA**484**	SSCA**485**	SSCA**487**	SSCA**484N**	SSCA**485N**	SSCA**487N**

P ø6.0

W

Ti screw
: ASR200

H	4.0	5.5	7.0	4.0	5.5	7.0
Type	Octa			Non-Octa		
	SSCA**604**	SSCA**605**	SSCA**607**	SSCA**604N**	SSCA**605N**	SSCA**607N**

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	SSCC**484**	SSCC**485**	SSCC**487**
Ø 6.0	SSEC**604**	SSEC**605**	SSEC**607**

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	SSCRC**484**	SSCRC**485**	SSCRC**487**
Ø 6.0	SSCRC**604**	SSCRC**605**	SSCRC**607**

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	SSCIC**484**	SSCIC**485**	SSCIC**487**
Ø 6.0	SSEIC**604**	SSEIC**605**	SSEIC**607**

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

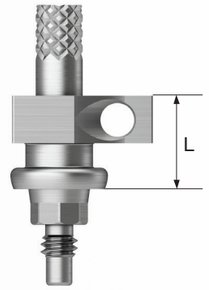
R Regular
W Wide

P \ H	4.0	5.5	7.0
Ø 4.8	SSCLA**484**	SSCLA**485**	SSCLA**487**
Ø 6.0	SSCLA**604**	SSCLA**605**	SSCLA**607**

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	5		10		Guide Pin 10	Guide Pin 15	Guide Pin 17
Type	Octa	Non-Octa	Octa	Non-Octa			
Ø 4.8	SSICAS**480**	SSICAS**480N**	SSICA**480**	SSICA**480N**	CSR**100***(L5)	CSR**150***(L10)	CSR**170**
Ø 6.0	SSICAS**600**	SSICAS**600N**	SSICA**600**	SSICA**600N**			

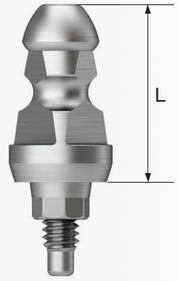
ComOcta Abutment Components

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	Type	9.5	12.5	9.5	12.5
		Octa		Non-Octa	
Ø 4.8		SSCTIS**480**	SSCTIL**480**	SSCTIS**480N**	SSCTIL**480N**
Ø 6.0		SSCTIS**600**	SSCTIL**600**	SSCTIS**600N**	SSCTIL**600N**

Implant Lab Analog

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

R Regular (Green)

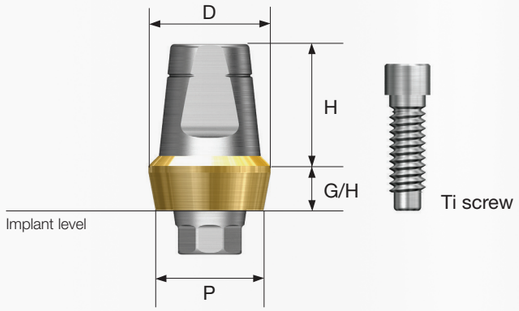
W Wide (Blue)

P	
Ø 4.8	SSFA**480**
Ø 6.0	SSFA**600**

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 : SSCAP4826C**TH**)



P ø4.8

R

Ti screw
: ASR200

H / G/H	1.0	2.0	3.0	4.0
D	ø5.5	ø5.5	ø5.5	ø5.5
Octa 4.0	SSCAP**4814C**	SSCAP**4824C**	SSCAP**4834C**	SSCAP**4844C**
Octa 5.5	SSCAP**4816C**	SSCAP**4826C**	SSCAP**4836C**	SSCAP**4846C**
Non-Octa 5.5	SSCAP**4816CN**	SSCAP**4826CN**	SSCAP**4836CN**	SSCAP**4846CN**

H / G/H	2.0	3.0	4.0
D	ø6.0	ø6.5	ø7.0
Octa 5.5	SSCAP**4826E**	SSCAP**4836E**	SSCAP**4846E**
Non-Octa 5.5	SSCAP**4826EN**	SSCAP**4836EN**	SSCAP**4846EN**

P ø6.0

W

Ti screw
: ASR200

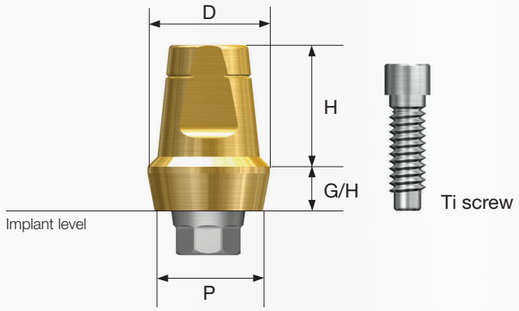
H / G/H	1.0	2.0	3.0	4.0
D	ø6.5	ø6.5	ø6.5	ø6.5
Octa 4.0	SSCAP**6014C**	SSCAP**6024C**	SSCAP**6034C**	SSCAP**6044C**
Octa 5.5	SSCAP**6016C**	SSCAP**6026C**	SSCAP**6036C**	SSCAP**6046C**
Non-Octa 5.5	SSCAP**6016CN**	SSCAP**6026CN**	SSCAP**6036CN**	SSCAP**6046CN**

H / G/H	2.0	3.0	4.0
D	ø6.8	ø7.2	ø7.6
Octa 5.5	SSCAP**6026E**	SSCAP**6036E**	SSCAP**6046E**
Non-Octa 5.5	SSCAP**6026EN**	SSCAP**6036EN**	SSCAP**6046EN**

ComOcta Plus ID Abutment 2014.09

• ComOcta Plus Abutment not covered by insurance

Abutment + Ti screw order code
: product code + **TH** (ex : BSSCAP4826C**TH**)



P Ø4.8

R

Ti screw
: ASR200

H \ G/H		1.0	2.0	3.0	4.0
D		Ø5.5	Ø5.5	Ø5.5	Ø5.5
Octa	4.0	BSSCAP**4814C**	BSSCAP**4824C**	BSSCAP**4834C**	BSSCAP**4844C**
	5.5	BSSCAP**4816C**	BSSCAP**4826C**	BSSCAP**4836C**	BSSCAP**4846C**
Non-Octa	5.5	BSSCAP**4816CN**	BSSCAP**4826CN**	BSSCAP**4836CN**	BSSCAP**4846CN**

H \ G/H		2.0	3.0	4.0
D		Ø6.0	Ø6.5	Ø7.0
Octa	5.5	BSSCAP**4826E**	BSSCAP**4836E**	BSSCAP**4846E**
Non-Octa	5.5	BSSCAP**4826EN**	BSSCAP**4836EN**	BSSCAP**4846EN**

P Ø6.0

W

Ti screw
: ASR200

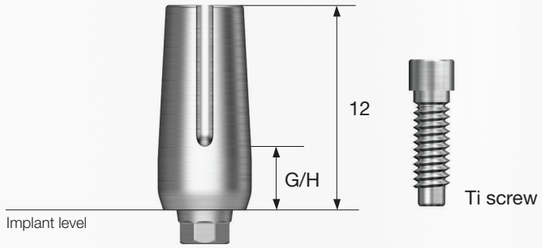
H \ G/H		1.0	2.0	3.0	4.0
D		Ø6.5	Ø6.5	Ø6.5	Ø6.5
Octa	4.0	BSSCAP**6014C**	BSSCAP**6024C**	BSSCAP**6034C**	BSSCAP**6044C**
	5.5	BSSCAP**6016C**	BSSCAP**6026C**	BSSCAP**6036C**	BSSCAP**6046C**
Non-Octa	5.5	BSSCAP**6016CN**	BSSCAP**6026CN**	BSSCAP**6036CN**	BSSCAP**6046CN**

H \ G/H		2.0	3.0	4.0
D		Ø6.8	Ø7.2	Ø7.6
Octa	5.5	BSSCAP**6026E**	BSSCAP**6036E**	BSSCAP**6046E**
Non-Octa	5.5	BSSCAP**6026EN**	BSSCAP**6036EN**	BSSCAP**6046EN**

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**)



P ø4.8 G/H 3.0

R
Ti screw
: ASR200

SSCMA**4830**

P ø6.0 G/H 3.0

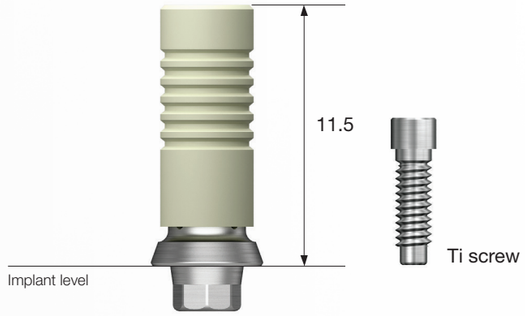
W
Ti screw
: ASR200

SSCMA**6030**

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℃
- 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 : COG480S**TH**)



P ø4.8 Type Octa Non-Octa

R
Ti screw
: ASR200

COG**480S**

COG**480B**

P ø6.0 Type Octa Non-Octa

W
Ti screw
: ASR200

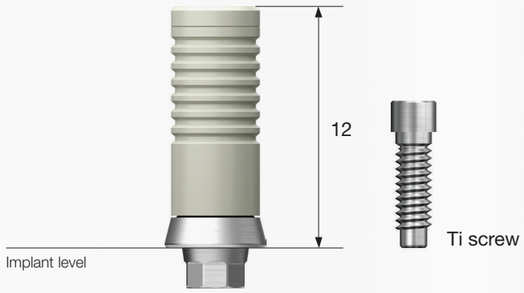
COG**600S**

COG**600B**

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℃
- 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 : CON480S**TH**)



P ø4.8

R
Ti screw
: ASR200

Type	Octa	Non-Octa
	CON**480S**	CON**480B**

P ø6.0

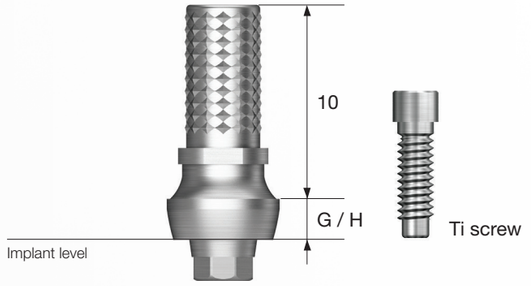
W
Ti screw
: ASR200

Type	Octa	Non-Octa
	CON**600S**	CON**600B**

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 : SSTAO480**TH**)



P ø4.8

R
Ti screw
: ASR200

G/H	0	2.0	0	2.0
Type	Octa		Non-Octa	
	SSTAO**480**	SSTAO**482**	SSTAN**480**	SSTAN**482**

P ø6.0

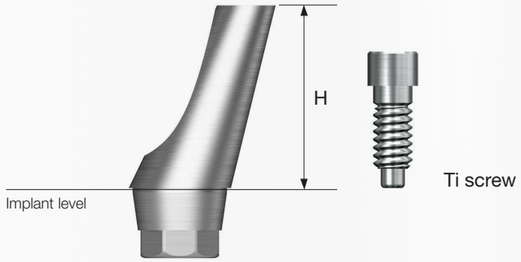
W
Ti screw
: ASR200

G/H	0	2.0	0	2.0
Type	Octa		Non-Octa	
	SSTAO**600**	SSTAO**602**	SSTAN**600**	SSTAN**602**

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
- 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**)

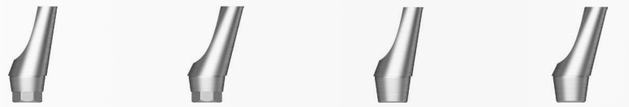


P ø4.8

R

Ti screw
: ASS200

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

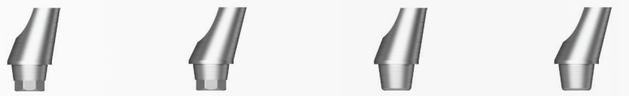


P ø6.0

W

Ti screw
: ASS200

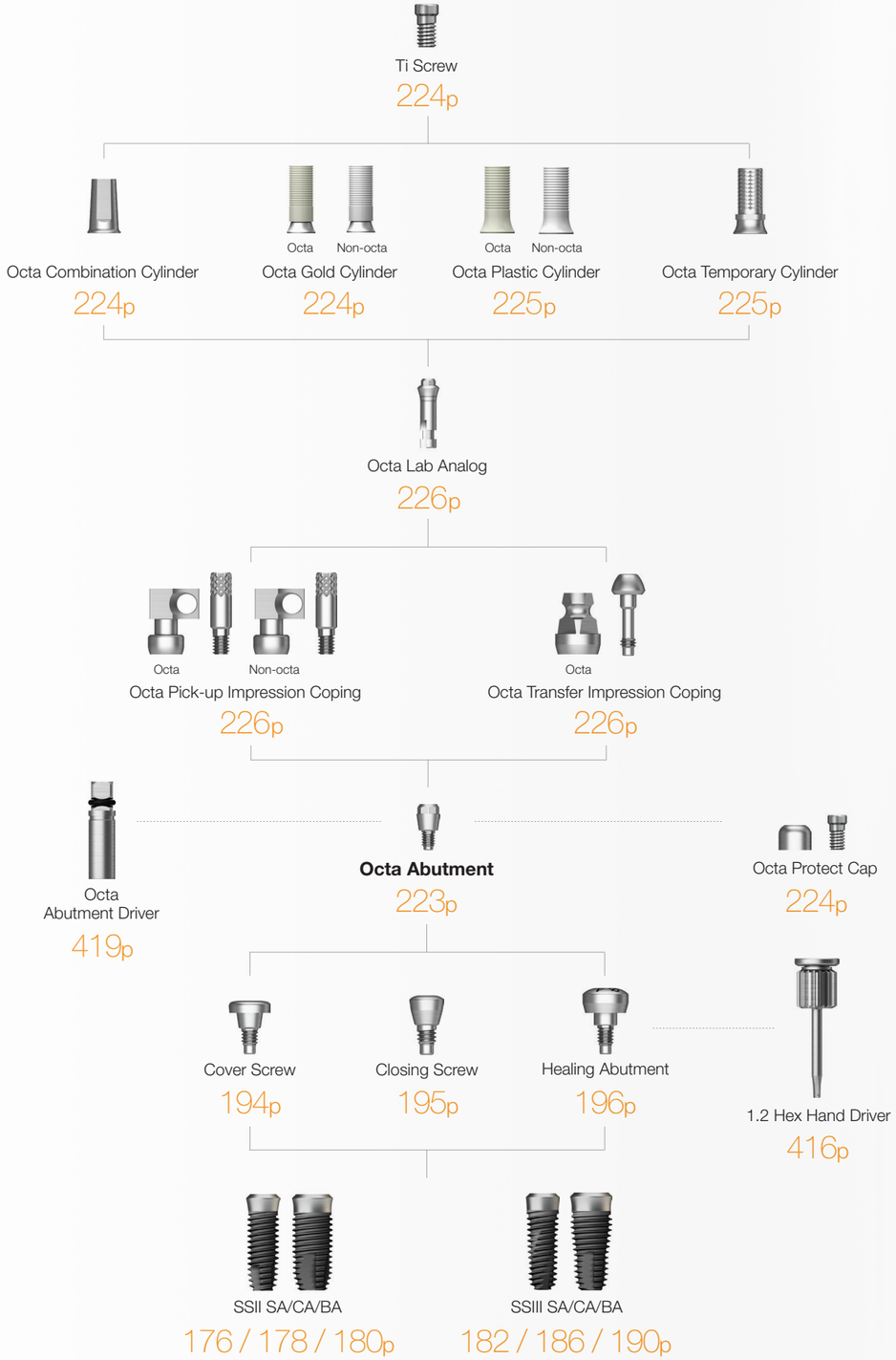
H	Angle	15°	20°	15°	20°
	Type	Octa		Non-Octa	
5.5		SSA6015	SSA6020	SSA6015N	SSA6020N



PROSTHETIC FLOW DIAGRAM 3

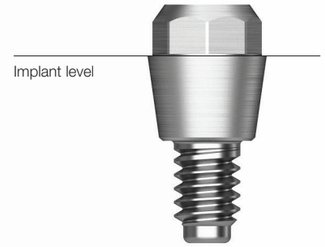
Octa

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

R

SSOA**480**

P ø6.0

W

SSOA**600**

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
Ø 6.0
Ti screw
: SSFS **(Ø 4.8 / Ø 6.0)**

SSHC**480**
SSHC**600**

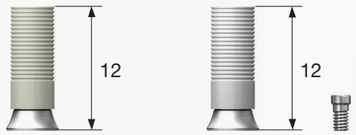
Octa Gold Cylinder

- 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℃
- 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
Ø 6.0
Ti screw
: SSFS **(Ø 4.8 / Ø 6.0)**

SSGCO**480**
SSGCO**600**

SSGCN**480**
SSGCN**600**

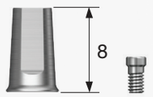
Octa Combination Cylinder

- 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
Ø 6.0
Ti screw
: SSFS **(Ø 4.8 / Ø 6.0)**

SSOCC**480**
SSOCC**600**

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
Ø 6.0
Ti screw
: SSFS **(Ø 4.8 / Ø 6.0)**

SSTCO**480**
SSTCO**600**

SSTCO**482**
SSTCO**602**

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
Ø 6.0
Ti screw
: SSFS **(Ø 4.8 / Ø 6.0)**

SSPSO**480**
SSPSO**600**

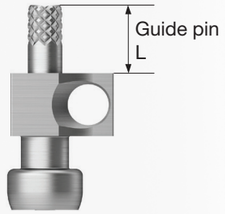
SSPSN**480**
SSPSN**600**

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 0	Guide Pin 5.0
Ø 4.8	SSICO**480**	SSICN**480**	SSGS**100**	SSGS**150***
Ø 6.0	SSICO**600**	SSICN**600**		

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	SSOTI**480**
Ø 6.0	SSOTI**600**

Octa Lab Analog

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

R Regular (Green)
W Wide (Blue)

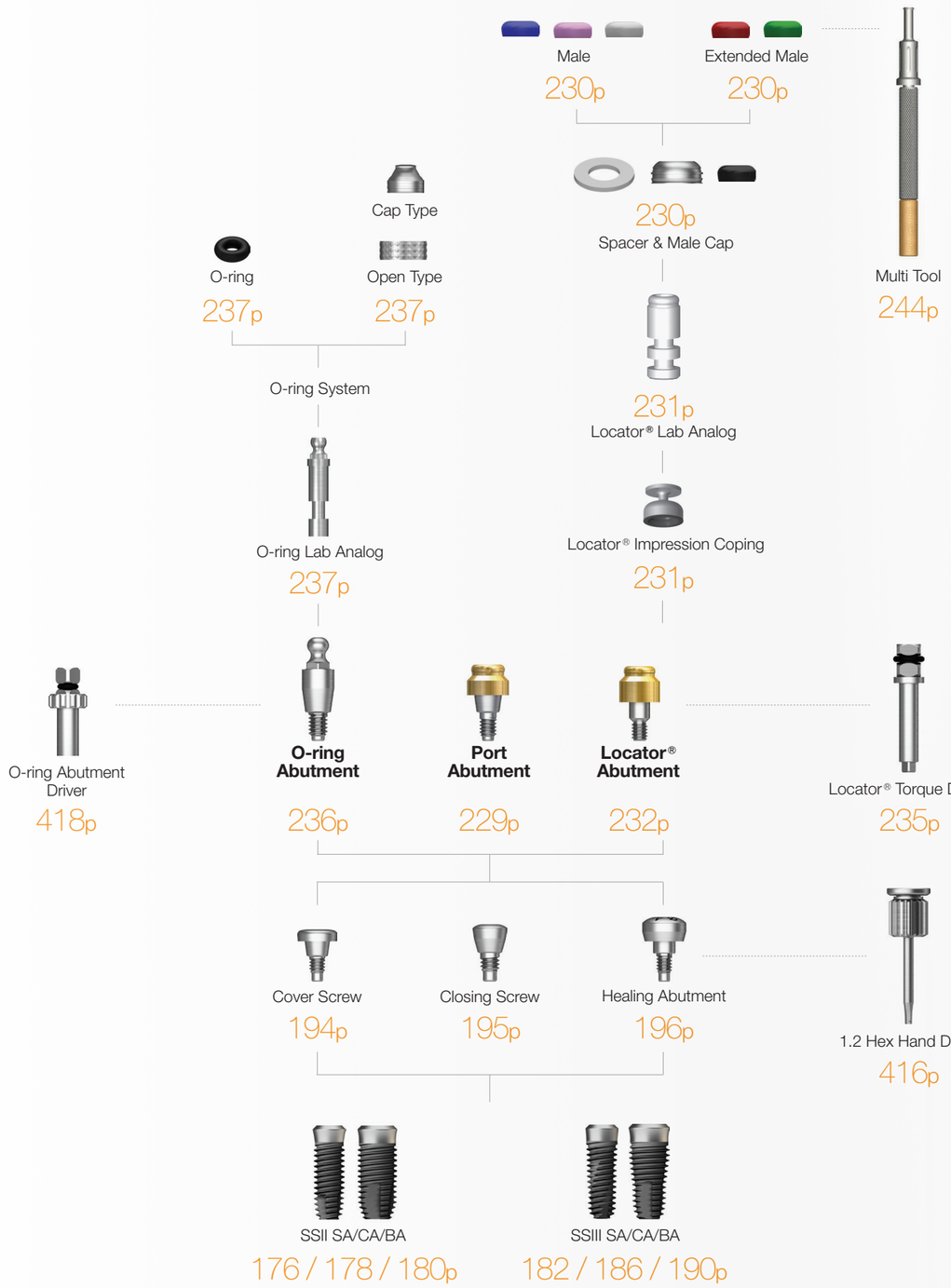
P	
Ø 4.8	SSLA**480**
Ø 6.0	SSLA**600**

OSSTEM IMPLANT

PROSTHETIC FLOW DIAGRAM 4

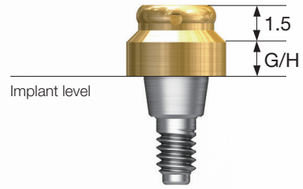
Port / Locator® / O-ring

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
	SSPTA**4810R**	SSPTA**4820R**	SSPTA**4830R**	SSPTA**4840R**	SSPTA**4850R**

P Ø6.0

W

G/H	-	2.0	3.0	4.0	5.0
	-	SSPTA**6020W**	SSPTA**6030W**	SSPTA**6040W**	SSPTA**6050W**

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

PTCMK

Port Replacement Male

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

PTCM06S

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

PTCM12S

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

PTCM22S

Port Extended Replacement Male

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

PTCEM06S

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

PTCEM12S

Port Black Processing Male

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

PTCPMS

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

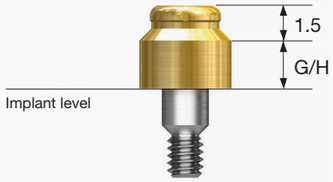
Port Lab Analog

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

PTCLA40

Locator® Abutment 2010.01

- Locator Abutment for 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



P ø4.8

R

G/H	0.7	2.0	3.0	4.0
	HSLCA**4810R**	HSLCA**4820R**	HSLCA**4830R**	HSLCA**4840R**

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

LMPS

Locator® Replacement Male

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

LRM06S

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

LRM12S

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

LRM22S

Locator® Extended Replacement Male

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

LEM06S

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

LEM12S

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

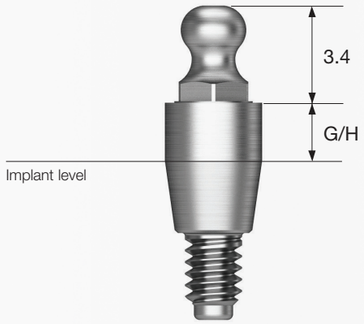
Locator® Torque Driver

- Torque driver for Locator Abutment

Type	Short	Long
	TWLD**SK**	TWLD**LK**

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



P ø4.8

R

G/H	0	2	4
	SSRA**000**	SSRA**200**	SSRA**400**

P ø6.0

W

G/H	0	2	4
	SSWA**000**	SSWA**200**	SSWA**400**

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

- 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	TSSE**2250S**	TSSE**2350S**	SSSE**2650S**	USSE**3050S**

OSSTEM IMPLANT

OSSTEM IMPLANT

US SYSTEM

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
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255 Healing Abutment

COMPONENTS

256 **PROSTHETIC FLOW DIAGRAM 1**
257 Cement Abutment
263 Angled Abutment
265 GoldCast Abutment
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272 Safe Abutment
274 **PROSTHETIC FLOW DIAGRAM 2**
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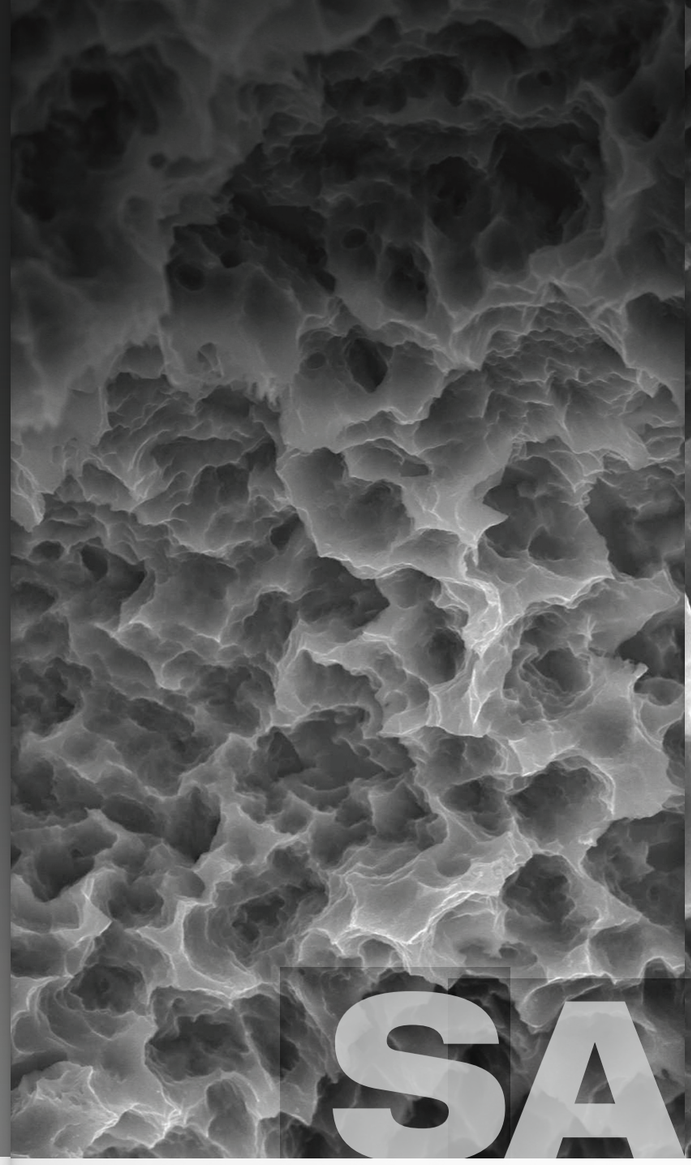
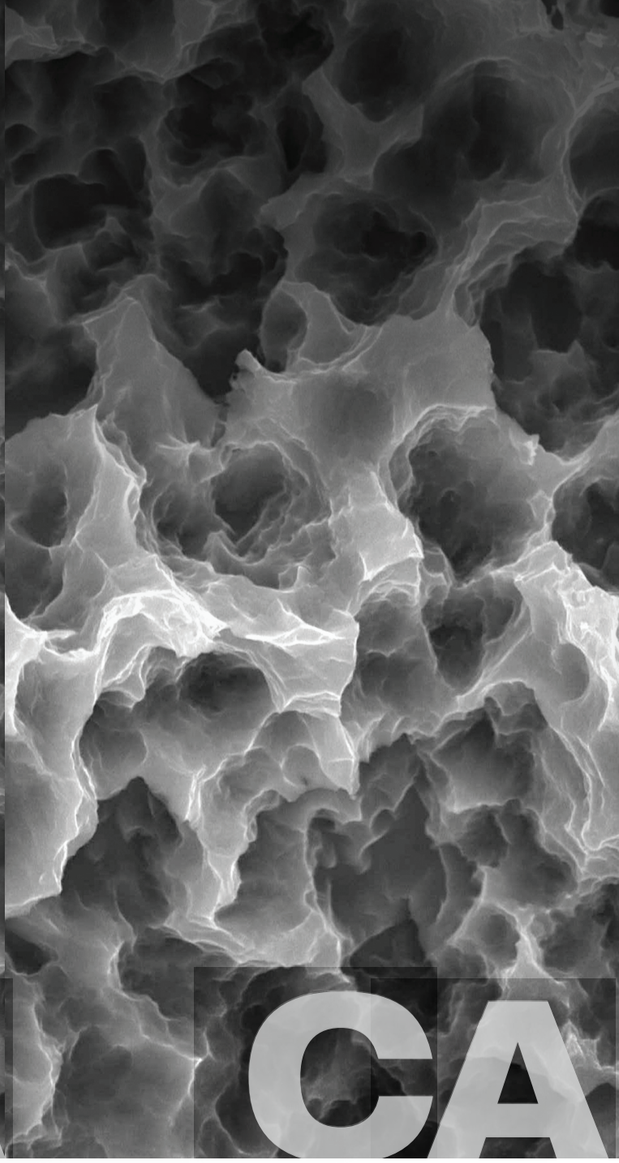
288 **PROSTHETIC FLOW DIAGRAM 3**
289 Port Abutment
293 Locator® Abutment
297 O-ring Abutment
299 OneSeal

US Design & **Surface** Feature

US





US packaging color information

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

Optimized surface morphology through acid-etching treatment

- Surface roughness: Ra 2.0-3.0㎛ (Note: the roughness in the upper 0.5mm part is Ra 0.5-0.6㎛)
- Uniform surface micro-pits of 1~3㎛
- 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

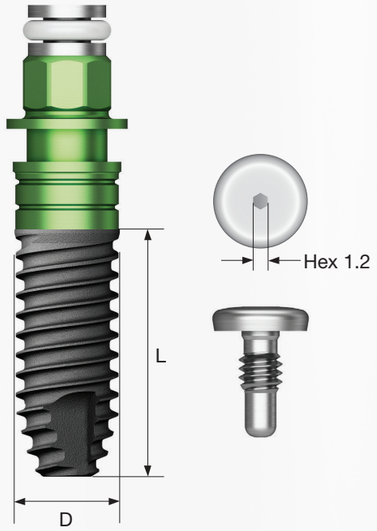
USII SA Implant 2011.10

- 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 : **A**US2R4010S)



D ø3.5
P ø3.5
Hex 2.4
M

L	8.5	10	11.5	13
	US2M**3508S**	US2M**3510S**	US2M**3511S**	US2M**3513S**

D ø4.0
P ø4.1
Hex 2.7
R

L	7	8.5	10	11.5	13
	US2R**4007S**	US2R**4008S**	US2R**4010S**	US2R**4011S**	US2R**4013S**

D ø4.5
P ø4.1
Hex 2.7
R

L	7	8.5	10	11.5	13
	US2R**4507S**	US2R**4508S**	US2R**4510S**	US2R**4511S**	US2R**4513S**

D ø5.0
P ø5.1
Hex 3.4
W

L	6	7	8.5	10	11.5	13
	Short					
	US2W**5006S**	US2W**5007S**	US2W**5008S**	US2W**5010S**	US2W**5011S**	US2W**5013S**

D ø5.0
P ø5.0
Hex 2.7
WPS

L	6	7	8.5	10	11.5	13
	Short					
	US2P**5006S**	US2P**5007S**	US2P**5008S**	US2P**5010S**	US2P**5011S**	US2P**5013S**

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

USII CA Implant 2014.09

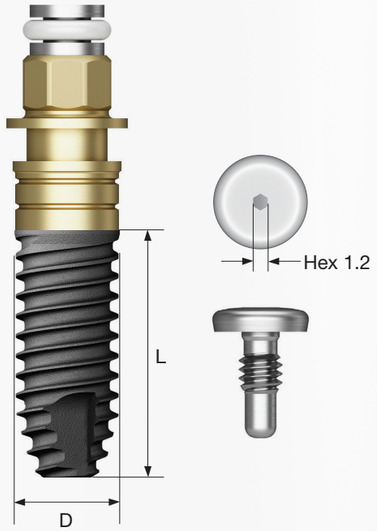
- Submerged type implant with an external hex connection structure
- Super-hydrophilic SA surface suspended in a calcium solution
- Straight body design for easy adjustment of placement depth
- Superior self-threading effect with corkscrew thread

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: ≤40Ncm

※ 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 : **A**US2R4010C)



D ø3.5
P ø3.5
Hex 2.4
M

L 8.5 10 11.5 13

AUS2M**3508C** AUS2M**3510C** AUS2M**3511C** AUS2M**3513C**

D ø4.0
P ø4.1
Hex 2.7
R

L 7 8.5 10 11.5 13

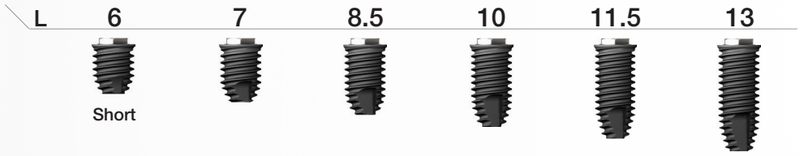
AUS2R**4007C** AUS2R**4008C** AUS2R**4010C** AUS2R**4011C** AUS2R**4013C**

D ø4.5
P ø4.1
Hex 2.7
R

L 7 8.5 10 11.5 13

AUS2R**4507C** AUS2R**4508C** AUS2R**4510C** AUS2R**4511C** AUS2R**4513C**

D ø5.0
P ø5.1
Hex 3.4
W



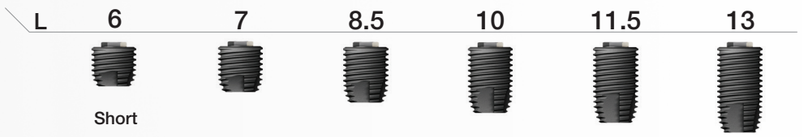
AUS2W**5006C** AUS2W**5007C** AUS2W**5008C** AUS2W**5010C** AUS2W**5011C** AUS2W**5013C**

Ultra-wide

D ø6.0
P ø5.1
Hex 3.4
W

AUS2W**6006C** AUS2W**6007C** AUS2W**6008C** AUS2W**6010C** AUS2W**6011C** AUS2W**6013C**

D ø7.0
P ø5.1
Hex 3.4
W



AUS2W**7006C** AUS2W**7007C** AUS2W**7008C** AUS2W**7010C** AUS2W**7011C** AUS2W**7013C**

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 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

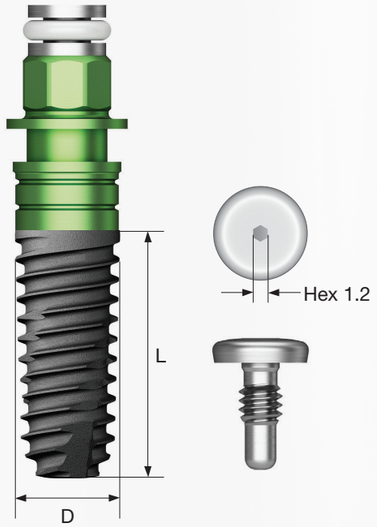
Ultra-wide

- 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: ≤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 : US3R4010S)

Pre-Mounted implant (implant + mount + cover screw) order code
: **A** + implant product code (ex : **A**US3R4010S)



D ø3.5
P ø3.5
Hex 2.4
M

L 8.5 10 11.5 13

US3M**3508S** US3M**3510S** US3M**3511S** US3M**3513S**

D ø4.0
P ø4.1
Hex 2.7
R

L 7 8.5 10 11.5 13

US3R**4007S** US3R**4008S** US3R**4010S** US3R**4011S** US3R**4013S**

D ø4.5
P ø4.1
Hex 2.7
R

L 7 8.5 10 11.5 13

US3R**4507S** US3R**4508S** US3R**4510S** US3R**4511S** US3R**4513S**

D ø5.0
P ø5.1
Hex 3.4
W

L 6 7 8.5 10 11.5 13

Short

US3W**5006S** US3W**5007S** US3W**5008S** US3W**5010S** US3W**5011S** US3W**5013S**

D ø5.0
P ø5.0
Hex 2.7
W PS

L 6 7 8.5 10 11.5 13

Short

US3P**5006S** US3P**5007S** US3P**5008S** US3P**5010S** US3P**5011S** US3P**5013S**

Ultra-wide

D ø6.0
P ø5.1
Hex 3.4
W

L 6 7 8.5 10 11.5 13

Short

US3W**6006S** US3W**6007S** US3W**6008S** US3W**6010S** US3W**6011S** US3W**6013S**

D ø7.0
P ø5.1
Hex 3.4
W

L 6 7 8.5 10 11.5 13

Short

US3W**7006S** US3W**7007S** US3W**7008S** US3W**7010S** US3W**7011S** US3W**7013S**

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

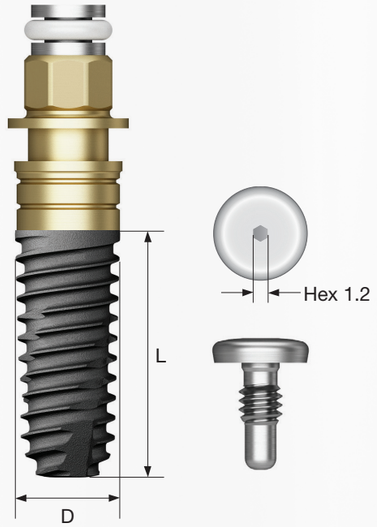
- Submerged type implant with an external hex connection structure
- Super-hydrophilic SA surface suspended in a calcium solution
- Straight body design for easy adjustment of placement depth
- Superior self-threading effect with corkscrew thread
- Excellent initial stability needed for immediate loading 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: ≤40Ncm

※ 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 : **A**US3R4010C)



D ø3.5
P ø3.5
Hex 2.4
M

L 8.5 10 11.5 13

AUS3M**3508C** AUS3M**3510C** AUS3M**3511C** AUS3M**3513C**

D ø4.0
P ø4.1
Hex 2.7
R

L 7 8.5 10 11.5 13

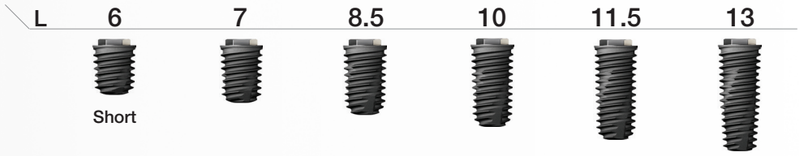
AUS3R**4007C** AUS3R**4008C** AUS3R**4010C** AUS3R**4011C** AUS3R**4013C**

D ø4.5
P ø4.1
Hex 2.7
R

L 7 8.5 10 11.5 13

AUS3R**4507C** AUS3R**4508C** AUS3R**4510C** AUS3R**4511C** AUS3R**4513C**

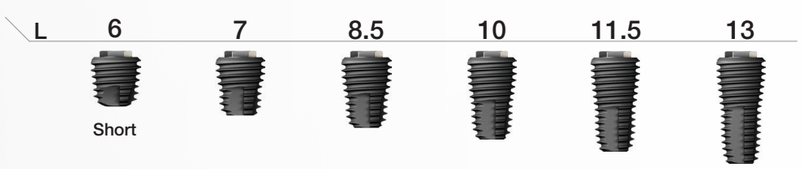
D ø5.0
P ø5.1
Hex 3.4
W



AUS3W**5006C** AUS3W**5007C** AUS3W**5008C** AUS3W**5010C** AUS3W**5011C** AUS3W**5013C**

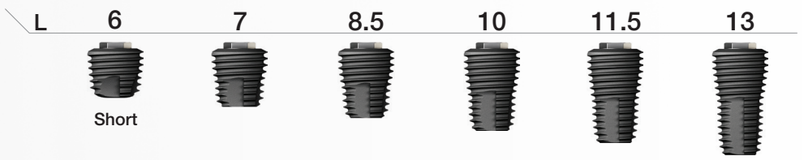
Ultra-wide

D ø6.0
P ø5.1
Hex 3.4
W



AUS3W**6006C** AUS3W**6007C** AUS3W**6008C** AUS3W**6010C** AUS3W**6011C** AUS3W**6013C**

D ø7.0
P ø5.1
Hex 3.4
W



AUS3W**7006C** AUS3W**7007C** AUS3W**7008C** AUS3W**7010C** AUS3W**7011C** AUS3W**7013C**

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

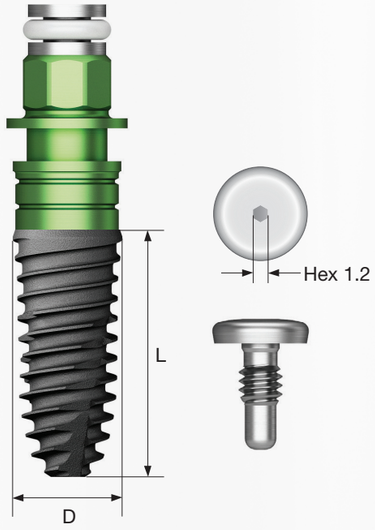
USIV SA Implant 2012.06

- 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 : **A**US4R4010S)



D ø4.0
P ø4.1
Hex 2.7
R

L	7	8.5	10	11.5	13
	US4R**4007S**	US4R**4008S**	US4R**4010S**	US4R**4011S**	US4R**4013S**

D ø4.5
P ø4.1
Hex 2.7
R

L	7	8.5	10	11.5	13
	US4R**4507S**	US4R**4508S**	US4R**4510S**	US4R**4511S**	US4R**4513S**

D ø5.0
P ø5.1
Hex 3.4
W

L	7	8.5	10	11.5	13
	US4W**5007S**	US4W**5008S**	US4W**5010S**	US4W**5011S**	US4W**5013S**

D ø5.0
P ø5.0
Hex 2.7
W PS

L	7	8.5	10	11.5	13
	US4P**5007S**	US4P**5008S**	US4P**5010S**	US4P**5011S**	US4P**5013S**

Nominal diameter may differ from the actual diameter of the product

Mount & Screw 2007.09

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

P

M

USHA**MM**

R

USHA**MR**

W

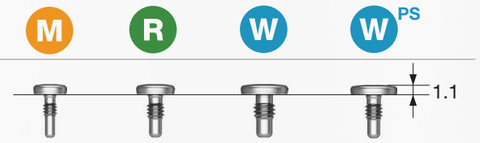
USHA**MW**

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

P



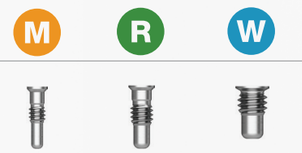
AIC**M100** AIC**R100** AIC**W100** TIC**W100**

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

P

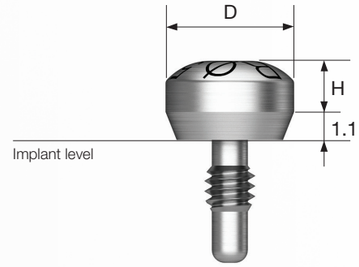


HC**M100** HC**R100** HC**W100**

Healing Abutment 2007.09

- 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	-	AIHM**403**	-	AIHM**405**	-
Ø 5.0	-	AIHM**503**	-	AIHM**505**	-

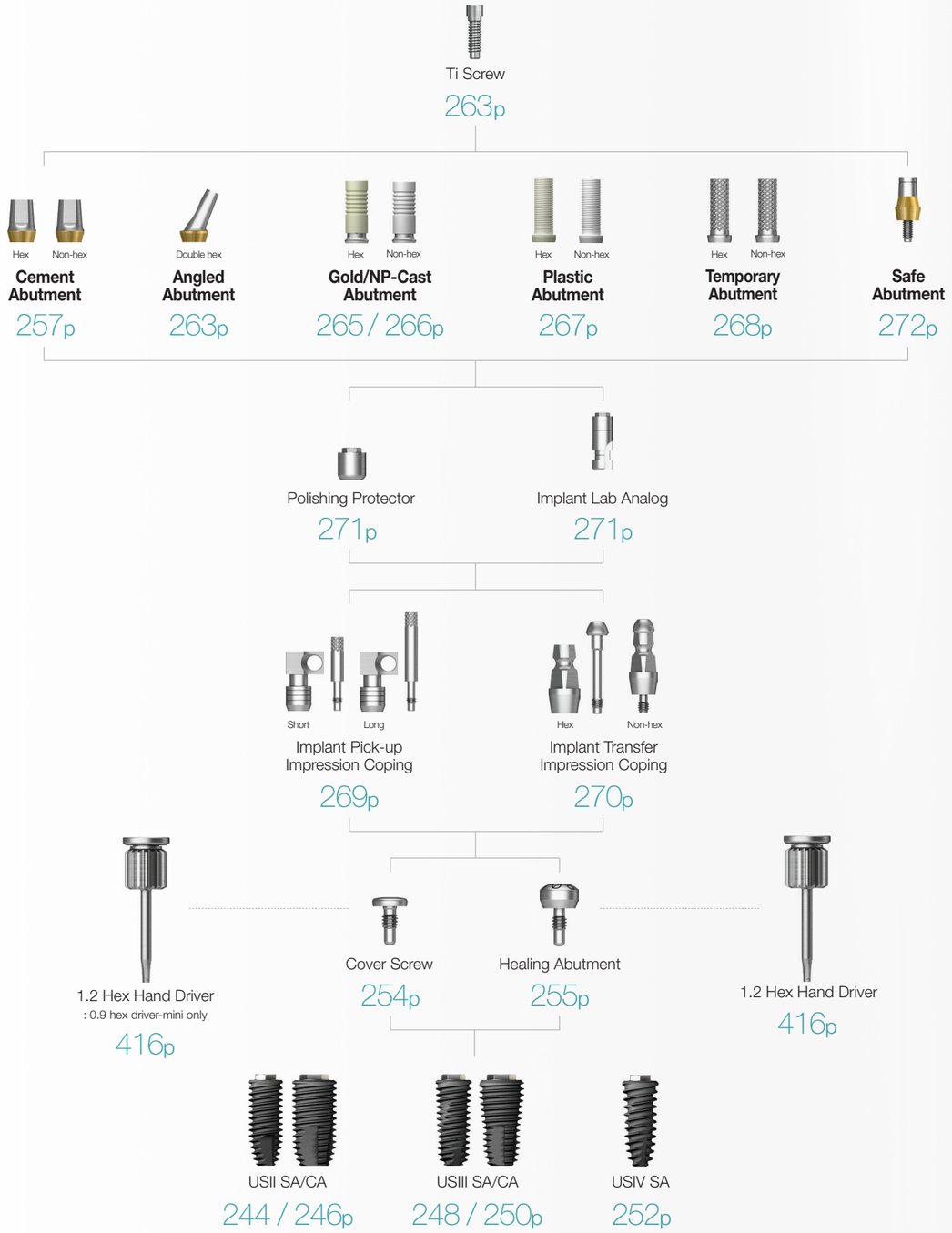
D \ H	2.0	3.0	4.0	5.5	7.0
Ø 4.1 One Piece	-	AIOHR**403**	-	AIOHR**405**	AIOHR**407**
Ø 4.1 Two Piece	-	AIHR**403**	-	AIHR**405**	AIHR**407**
Ø 5.0	AIHR**502**	AIHR**503**	AIHR**504**	AIHR**505**	AIHR**507**
Ø 6.0	AIHR**602**	AIHR**603**	AIHR**604**	AIHR**605**	AIHR**607**

D \ H	2.0	3.0	4.0	5.5	7.0
Ø 5.1 One Piece	-	AIOHW**503**	-	AIOHW**505**	-
Ø 5.1 Two Piece	-	AIHW**503**	-	AIHW**505**	-
Ø 6.0	AIHW**602**	AIHW**603**	AIHW**604**	AIHW**605**	-
Ø 7.0	AIHW**702**	AIHW**703**	AIHW**704**	AIHW**705**	-
Ø 6.0 PS		TIHW**603**		TIHW**605**	-

PROSTHETIC FLOW DIAGRAM 1

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

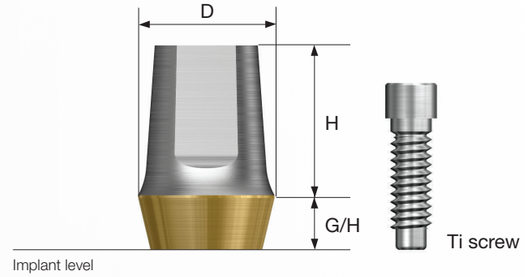
Implant Level Impression



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 : CAR525**TH**)



D ø4.0

M

Ti screw
: USABSMT

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	-	CAM**427**	-	CAM**447**	-	CAM**427N**	-	CAM**447N**

D ø4.1

R

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	-	-	CAR**437**	-	-	-	CAR**437N**	-

Cement Abutment 2007.09

D ø5.0

R

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			
4.0	CAR514	CAR524	CAR534	CAR544	CAR514N	CAR524N	CAR534N	CAR544N
5.5	CAR515	CAR525	CAR535	CAR545	CAR515N	CAR525N	CAR535N	CAR545N
7.0	CAR517	CAR527	CAR537	CAR547	CAR517N	CAR527N	CAR537N	CAR547N

D ø6.0

R

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			
5.5	CAR615	CAR625	CAR635	CAR645	CAR615N	CAR625N	CAR635N	CAR645N

D ø5.1

W

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			
7.0	-	-	CAW537		-	-	CAW537N	-

D ø6.0

W

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			
4.0	CAW614	CAW624	CAW634	CAW644	CAW614N	CAW624N	CAW634N	CAW644N
5.5	CAW615	CAW625	CAW635	CAW645	CAW615N	CAW625N	CAW635N	CAW645N
7.0	CAW617	CAW627	CAW637	CAW647	CAW617N	CAW627N	CAW637N	CAW647N

D ø7.0

W

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	CAW715	CAW725	CAW735	CAW745	CAW715N	CAW725N	CAW735N	CAW745N

D ø6.0

W PS

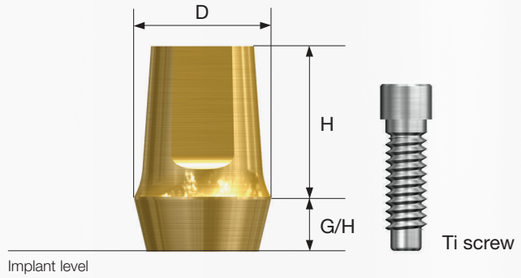
Ti screw
: ASR200

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	-	TCAW627	-	TCAW647	-	TCAW627N	-	TCAW647N

Cement ID Abutment 2014.09

• Cement Abutment not covered by insurance

Abutment + Ti screw order code
: product code + **TH** (ex : BCAR525**TH**)



D ø4.0

M

Ti screw
: USABSMT

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	-	BCAM427	-	BCAM447	-	BCAM427N	-	BCAM447N

D ø4.1

R

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	-	-	BCAR437	-	-	-	BCAR437N	-

D ø5.0

R

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			
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

R

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			
5.5	BCAR615	BCAR625	BCAR635	BCAR645	BCAR615N	BCAR625N	BCAR635N	BCAR645N

D ø5.1

W

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			
7.0	-	-	BCAW537	-	-	-	BCAW537N	-

D ø6.0

W

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			
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

W

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

D ø6.0

W PS

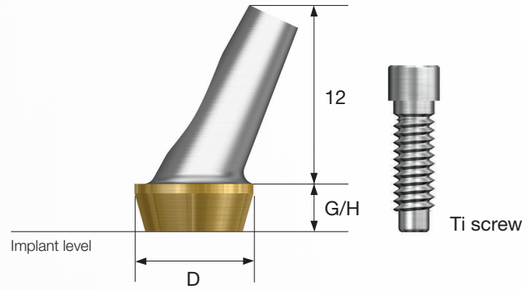
Ti screw
: ASR200

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

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 : AAR5152C**TH**)



D ø4.0

M

Ti screw
: USABSMT

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

D ø5.0

R

Ti screw
: ASR200

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

D ø6.0

W

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

W PS

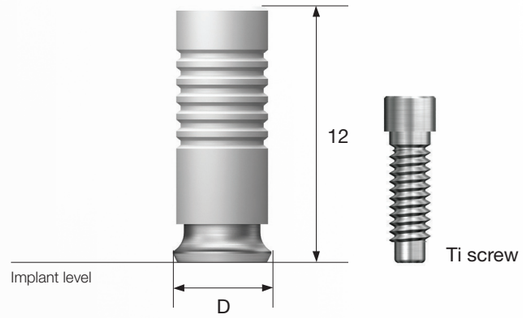
Ti screw
: ASR200

G/H	2.0	4.0	2.0	4.0
Angle	15°		25°	
	TAAW**6152C**	TAAW**6154C**	TAAW**6252C**	TAAW**6254C**

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℃
- 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 : GCR200**TH**)



D ø4.0

M

Ti screw
: USABSMT

Type	Hex	Non-Hex
	GCM**200**	GCM**100**

D ø4.5

R

Ti screw
: ASR200

Type	Hex	Non-Hex
	GCR**200**	GCR**100**

D ø5.5

W

Ti screw
: ASW200

Type	Hex	Non-Hex
	GCW**200**	GCW**100**

D ø5.5

W PS

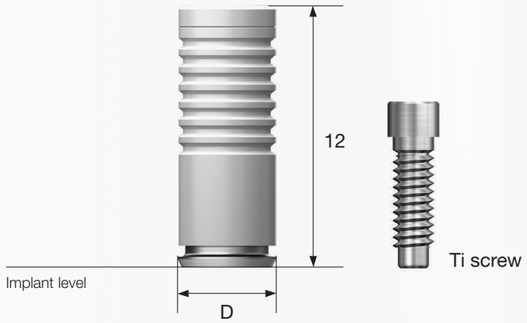
Ti screw
: ASR200

Type	Hex	Non-Hex
	TGCW**200**	TGCW**100**

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℃
- 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**)



D ø4.0

M

Ti screw
: USABSMT

Type	Hex	Non-Hex
	NCM**200**	NCM**100**

D ø4.5

R

Ti Screw
: ASR200

Type	Hex	Non-Hex
	NCR**200**	NCR**100**

D ø5.5

W

Ti screw
: ASW200

Type	Hex	Non-Hex
	NCW**200**	NCW**100**

D ø5.5

WPS

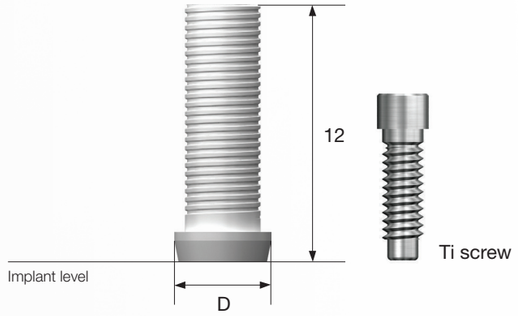
Ti screw
: ASR200

Type	Hex	Non-Hex
	TNCW**200**	TNCW**100**

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

M

Ti screw
: USABSMT

Type	Hex	Non-Hex
	PSM**200**	PSM**100**

D ø4.5

R

Ti screw
: ASR200

Type	Hex	Non-Hex
	PSR**200**	PSR**100**

D ø5.5

W

Ti screw
: ASW200

Type	Hex	Non-Hex
	PSW**200**	PSW**100**

D ø5.5

WPS

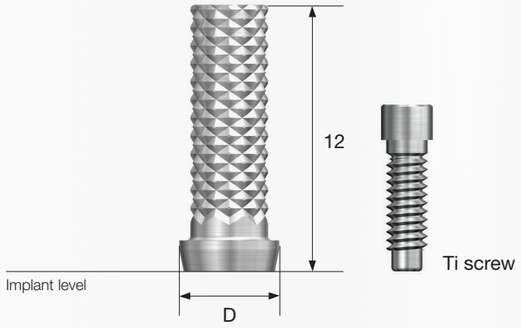
Ti screw
: ASR200

Type	Hex	Non-Hex
	TPSW**200**	TPSW**100**

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

Ti screw
: USABSMT

Type	Hex	Non-Hex
	TAM**200**	TAM**100**

D ø4.5 — R

Ti screw
: ASR200

Type	Hex	Non-Hex
	TAR**200**	TAR**100**

D ø5.5 — W

Ti screw
: ASW200

Type	Hex	Non-Hex
	TAW**200**	TAW**100**

D ø5.5 — W PS

Ti screw
: ASR200

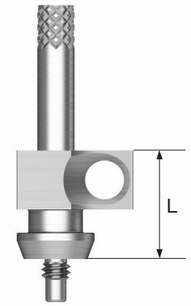
Type	Hex	Non-Hex
	TTAW**200**	TTAW**100**

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)



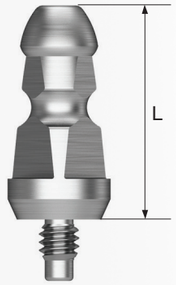
D	L	7		12		Guide Pin 10	Guide Pin 15	Guide Pin 17
	Type	Hex	Non-Hex	Hex	Non-Hex			
ø4.0		-	-	ICFM**400**	ICFM**400N**	-	CSM**150**	-
ø5.0		ICSR**500**	ICSR**500N**	ICFR**500**	ICFR**500N**	CSR**100**	CSR**150***	CSR**170**
ø6.0		-	-	ICFR**600**	ICFR**600N**	-	-	-
ø6.0		ICSW**600**	ICSW**600N**	ICFW**600**	ICFW**600N**	CSW**100**	CSW**150***	-
ø6.0 PS		-	-	TICFW**600**	TICFW**600N**	-	TCSW**150**	-

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	
Type		Hex	Non-Hex	Hex	Non-Hex
ø4.0		ICPM**402S**	ICPM**401S**	ICPM**402L**	ICPM**401L**
ø5.0		ICPR**502S**	ICPR**501S**	ICPR**502L**	ICPR**501L**
ø6.0		ICPW**602S**	ICPW**601S**	ICPW**602L**	ICPW**601L**
ø6.0 PS		-	-	TICPW**602**	TICPW**601**

Implant Lab Analog

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

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

C

M	FAM**300**
R	FAR**300**
W	FAW**300**
W PS	TFAW**300**

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

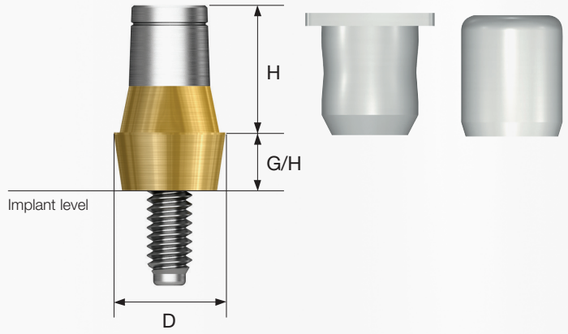
M Mini (Yellow)
R Regular (Green)
W Wide (Blue)

C

M	UPCM**100**
R	UPCR**100**
W	UPCW**100**
W PS	TUPCW**100**

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

R

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

W

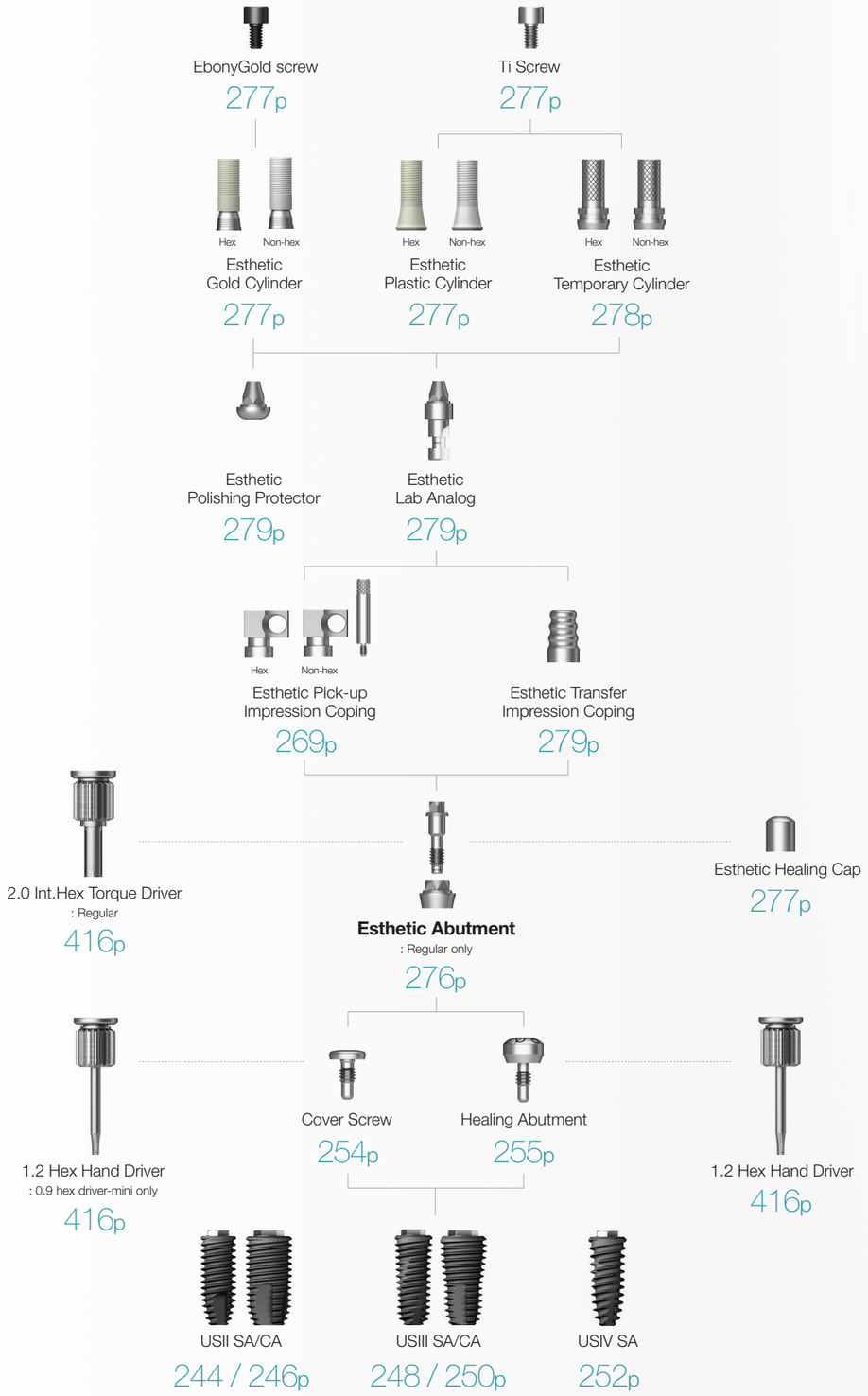
H \ G/H	1.0	2.5	4.0
4.0	SFAW614SC	SFAW624SC	SFAW644SC
5.5	SFAW615SC	SFAW625SC	SFAW645SC

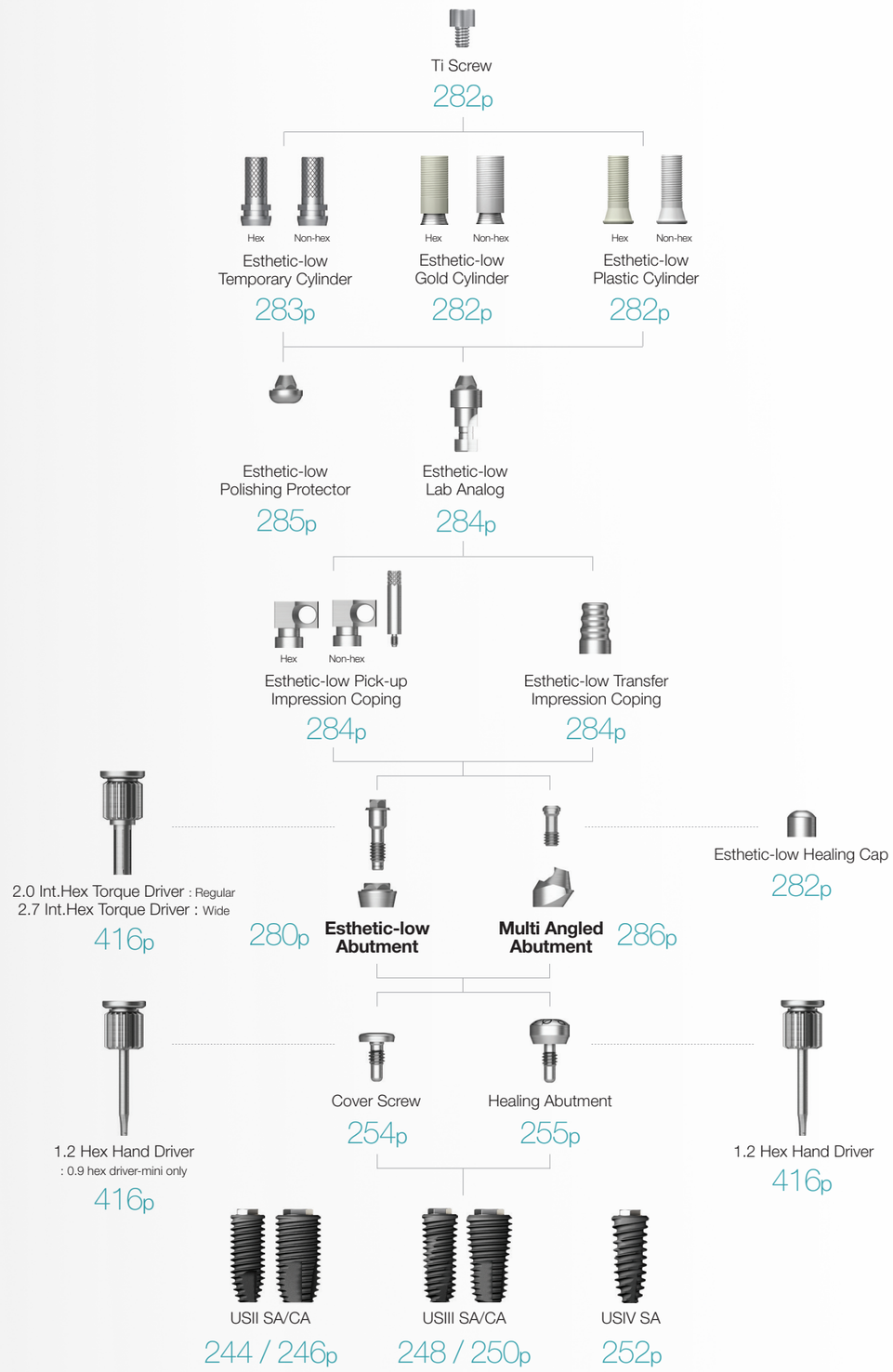
OSSTEM IMPLANT

PROSTHETIC FLOW DIAGRAM 2

Esthetic / Esthetic-low / Multi Angled

Abutment Level Impression

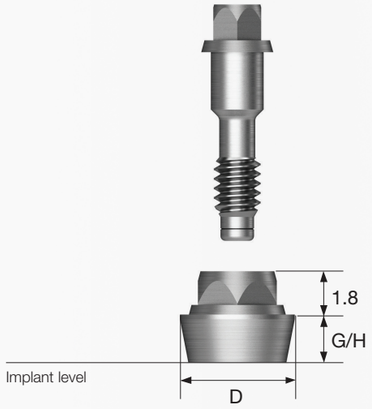




Esthetic Abutment 2007.09

- 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

R

G/H	1.0	2.0	3.0	4.0
	EAR**100**	EAR**200**	EAR**300**	EAR**400**

Esthetic Abutment Components

Esthetic Healing Cap

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

R Regular

D \ H	6.0
ø4.8	EHC100

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℃
- 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

D \ Type	Hex	Non-Hex
ø4.8	EGC**200**	EGC**100**

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

D \ Type	Hex	Non-Hex
ø4.8	EPS**200**	EPS**100**

Ti screw
: TS200

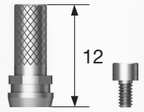
Esthetic Abutment Components

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 : ETT200**TH**)

R Regular

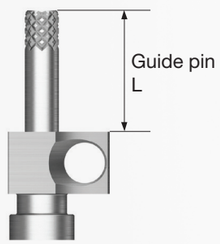
D \ Type	Hex	Non-Hex
		
ø 4.8	ETT**200**	ETT**100**

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
ø 4.8	ESR**200**	ESR**100**

Guide Pin 5	10	12	15
GP**100**	GP**150***	GP**170**	GP**200**

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	ETR**100**

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

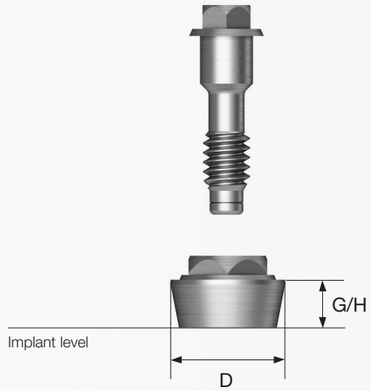
R Regular

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

M

G/H	1.0	2.0	3.0	4.0	5.0
	MEM**100**	MEM**200**	MEM**300**	MEM**400**	-

D ø4.8

R

G/H	1.0	2.0	3.0	4.0	5.0
	MER**100**	MER**200**	MER**300**	MER**400**	MER**500**

D ø5.5

W

G/H	1.0	2.0	3.0	4.0
	MEW**100**	MEW**200**	MEW**300**	MEW**400**

D ø5.5

W PS

G/H	1.0	2.0	3.0	4.0
	TMEW**100**	TMEW**200**	TMEW**300**	TMEW**400**

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

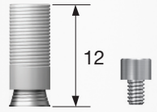
D \ H	6.0
Ø 4.8 / Ø 4.8	MHC**R100**
Ø 5.5 / Ø 5.5 PS	MHC**W100**

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℃
- 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 : MGR200**TH**)

M Mini
R Regular
W Wide

D \ Type	Hex	Non-Hex
		
Ø 4.8 / Ø 4.8	MG**R200**	MG**R100**
Ø 5.5 / Ø 5.5 PS	MG**W200**	MG**W100**

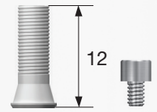
Ti screw
: MTS200 (Ø 4.8 / Ø 4.8)
: WTS200 (Ø 5.5 / Ø 5.5PS)

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

Cylinder + Ti screw order code
: Product code + **TH** (ex : MEPR200**TH**)

M Mini
R Regular
W Wide

D \ Type	Hex	Non-Hex
		
Ø 4.8 / Ø 4.8	MEP**R200**	MEP**R100**
Ø 5.5 / Ø 5.5 PS	MEP**W200**	MEP**W100**

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

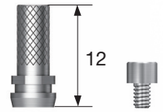
Esthetic-low Temporary Cylinder

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 : MTR200**TH**)

M Mini
R Regular
W Wide

D \ Type	Hex	Non-Hex
		
Ø 4.8 / Ø 4.8	MT**R200**	MT**R100**
Ø 5.5 / Ø 5.5 PS	MT**W200**	MT**W100**

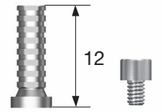
Ti screw
: MTS200 (Ø 4.8 / Ø 4.8)
: WTS200 (Ø 5.5 / Ø 5.5PS)

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 : NMTR200**TH**)

M Mini
R Regular
W Wide

D \ Type	Hex	Non-Hex
		
Ø 4.8 / Ø 4.8	NMT**R200**	NMT**R100**
Ø 5.5 / Ø 5.5 PS	NMT**W200**	NMT**W100**

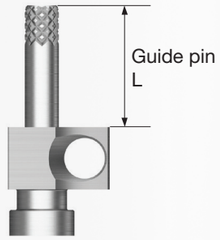
Ti screw
: MTS200 (Ø 4.8 / Ø 4.8)
: WTS200 (Ø 5.5 / Ø 5.5PS)

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	Guide Pin 10	Guide Pin 12	Guide Pin 15
ø4.8/ø4.8		MS**R200**	MS**R100**	GP**100**	GP**150***	GP**170**	GP**200**
ø5.5/ø5.5 PS		MS**W200**	MS**W100**	GPW**100**	GPW**150***	-	-

Esthetic-low Transfer Impression Coping

D	H	8.0
ø4.8/ø4.8		MTT**R100**
ø5.5/ø5.5 PS		MTT**W100**

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

M Mini
R Regular
W Wide

Esthetic-low Lab Analog

D	
ø4.8/ø4.8	MER**R300**
ø5.5/ø5.5 PS	MER**W300**

- Lab analog for esthetic-low abutment
- Hand tightened with a 1.2 hex driver

M Mini
R Regular
W Wide

Esthetic-low Polishing Protector

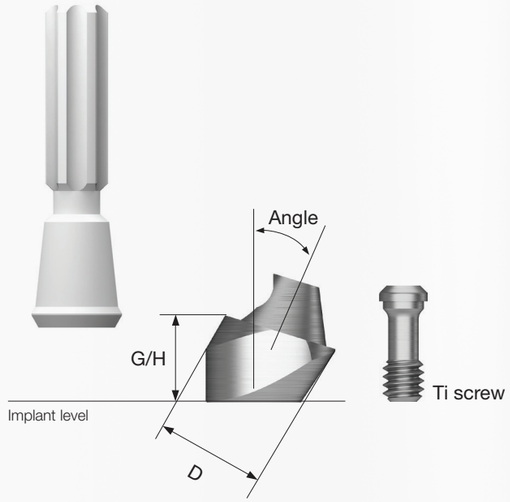
- Protecting the joint in the polishing procedure after producing a prosthesis using esthetic GoldCast/plastic cylinder
- Hand tightened with a 1.2 hex driver

M Mini
R Regular
W Wide

D	
ø4.8/ø4.8	MPC**R100**
ø5.5/ø5.5 PS	MPC**W100**

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

M

Ti screw
: USMABSM

G/H	2.0	3.0	4.0	3.0	4.0	5.0
Angle		17°			30°	
	US17MAM**4820**	US17MAM**4830**	-	-	-	-

D ø4.8

R

Ti screw
: USMABSR

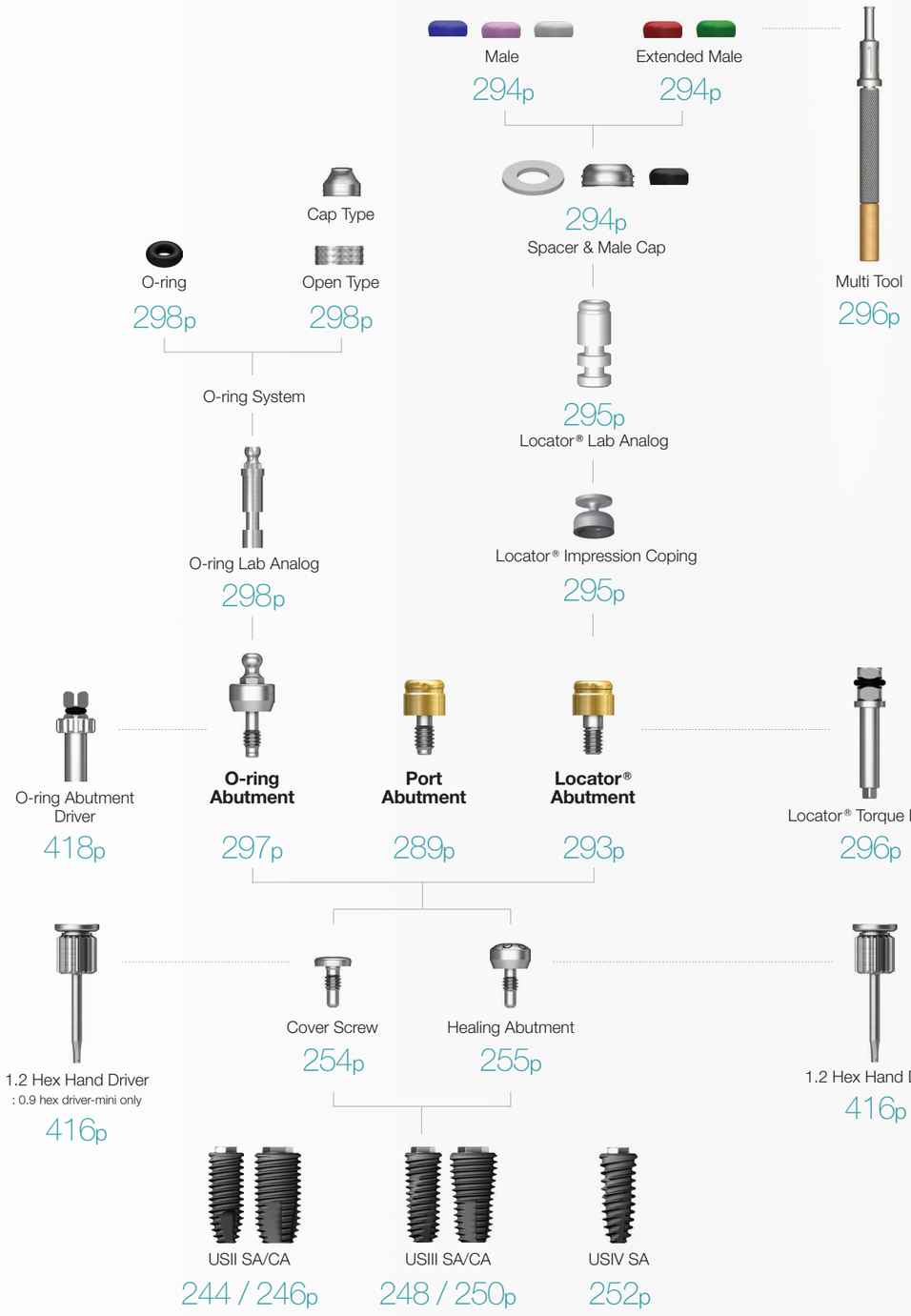
G/H	2.0	3.0	4.0	3.0	4.0	5.0
Angle		17°			30°	
	US17MAR**4820**	US17MAR**4830**	US17MAR**4840**	US30MAR**4830**	US30MAR**4840**	US30MAR**4850**

OSSTEM IMPLANT

PROSTHETIC FLOW DIAGRAM 3

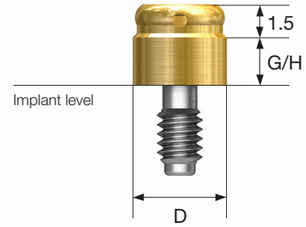
Port / Locator® / O-ring

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
	USPTA**3510M**	USPTA**3520M**	USPTA**3530M**	USPTA**3540M**

G/H	5.0	6.0	7.0
	USPTA**3550M**	USPTA**3560M**	USPTA**3570M**

D ø4.1

R

G/H	1.0	2.0	3.0	4.0
	USPTA**4010R**	USPTA**4020R**	USPTA**4030R**	USPTA**4040R**

G/H	5.0	6.0	7.0
	USPTA**4050R**	USPTA**4060R**	USPTA**4070R**

Port Abutment 2010.01

D ø5.0

W

G/H	1.0	2.0	3.0	4.0
	USPTA**5010W**	USPTA**5020W**	USPTA**5030W**	USPTA**5040W**

G/H	5.0
	USPTA**5050W**

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

PTCMK

Port Replacement Male

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

PTCM06S

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

PTCM12S

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

PTCM22S

Port Extended Replacement Male

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

PTCEM06S

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

PTCEM12S

Port Black Processing Male

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

PTCPMS

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

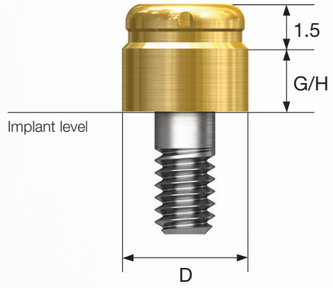
Port Lab Analog

- 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
	HULCA**3510M**	HULCA**3520M**	HULCA**3530M**	HULCA**3540M**	HULCA**3550M**

D ø4.1 **R**

G/H	1.0	2.0	3.0	4.0	5.0
	HULCA**4010R**	HULCA**4020R**	HULCA**4030R**	HULCA**4040R**	HULCA**4050R**

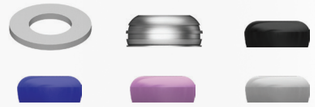
D ø5.0 **W**

G/H	1.0	2.0	3.0	4.0	5.0
	HULCA**5010W**	HULCA**5020W**	HULCA**5030W**	HULCA**5040W**	HULCA**5050W**

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



LMPS

Locator® Replacement Male

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

LRM06S

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

LRM12S

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

LRM22S

Locator® Extended Replacement Male

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

LEM06S

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

LEM12S

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

LAL40S

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

LCCT

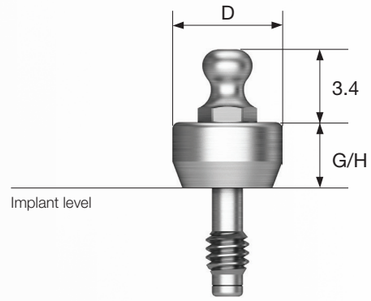
Locator® Torque Driver

- Torque driver for Locator Abutment

Type	Short	Long
	TWLD**SK**	TWLD**LK**

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

G/H	2.0	3.0	4.0	5.0	6.0
	OAA**200**	OAA**300**	OAA**400**	OAA**500**	OAA**600**

D ø5.6

W

G/H	2.0	3.0	4.0	5.0	6.0
	OAAW**200**	OAAW**300**	OAAW**400**	OAAW**500**	OAAW**600**

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 Type	Ø2.20	Ø2.35	Ø2.65	Ø3.00
	Long			
50	TSSE**2250S**	TSSE**2350S**	SSSE**2650S**	USSE**3050S**

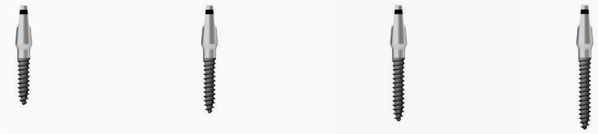
OSSTEM IMPLANT

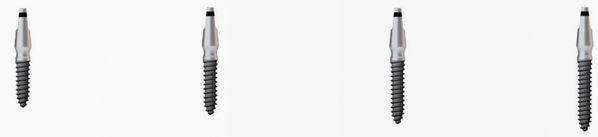
302 MS Implant **Narrow Ridge**
306 MS Implant **Denture**
310 MS Implant **Provisional**
312 **MS KIT**

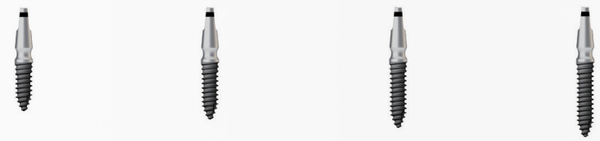
MS SA Implant Narrow Ridge 2012.05

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 : ≤30Ncm

D Ø2.0	G/H \ L	8.5	10	11.5	13
					
	2.5	MSN2008S25	MSN2010S25	MSN2011S25	MSN2013S25
	4.0	MSN2008S40	MSN2010S40	MSN2011S40	MSN2013S40

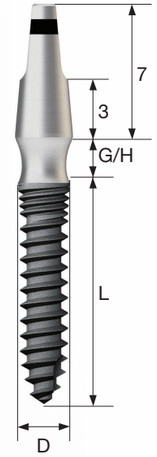
D Ø2.5	G/H \ L	8.5	10	11.5	13
					
	2.5	MSN2508S25	MSN2510S25	MSN2511S25	MSN2513S25
	4.0	MSN2508S40	MSN2510S40	MSN2511S40	MSN2513S40

D Ø3.0	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 : ≤30Ncm



D Ø2.0	G/H \ L	8.5	10	11.5	13	-
	2.5	MSP20083R	MSP20103R	MSP20113R	MSP20133R	-

D Ø2.5	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 Ø3.0	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

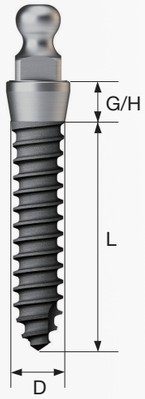
- Used as a prosthetic framework by assembling with MS implant narrow ridge
- After prosthetic casting, a dedicated reamer is used to adjust the margin

Type	Single	Bridge
	MSPBCS	MSPBCB

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 : ≤30Ncm



D ø2.0

G/H \ L	8.5	10	11.5	13
2.0	MSD**2008S20**	MSD**2010S20**	MSD**2011S20**	MSD**2013S20**
4.0	MSD**2008S40**	MSD**2010S40**	MSD**2011S40**	MSD**2013S40**

D ø2.5

G/H \ L	8.5	10	11.5	13
2.0	MSD**2508S20**	MSD**2510S20**	MSD**2511S20**	MSD**2513S20**
4.0	MSD**2508S40**	MSD**2510S40**	MSD**2511S40**	MSD**2513S40**

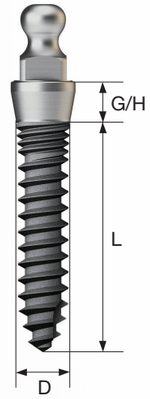
D ø3.0

G/H \ L	8.5	10	11.5	13
2.0	MSD**3008S20**	MSD**3010S20**	MSD**3011S20**	MSD**3013S20**
4.0	MSD**3008S40**	MSD**3010S40**	MSD**3011S40**	MSD**3013S40**

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 : ≤30Ncm



D ø2.5

G/H \ L	-	10	11.5	13
2.0	-	MSD**25102R**	MSD**25112R**	MSD**25132R**
4.0	-	MSD**25104R**	MSD**25114R**	MSD**25134R**

D ø3.0

G/H \ L	-	10	11.5	13
2.0	-	MSD**30102R**	MSD**30112R**	MSD**30132R**
4.0	-	MSD**30104R**	MSD**30114R**	MSD**30134R**

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)

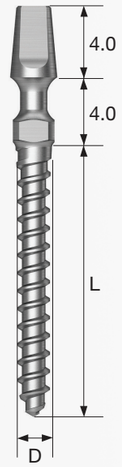
- Replication of the oral O-ring abutment in a working model

MSDLA

MS Implant Provisional 2008.07

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 : ≤30Ncm



D Ø1.8

L	10	13	15
	MST**18104**	MST**18134**	MST**18154**

D Ø2.5

L	10	13	15
	MST**25104**	MST**25134**	MST**25154**

MS Implant Provisional Components

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

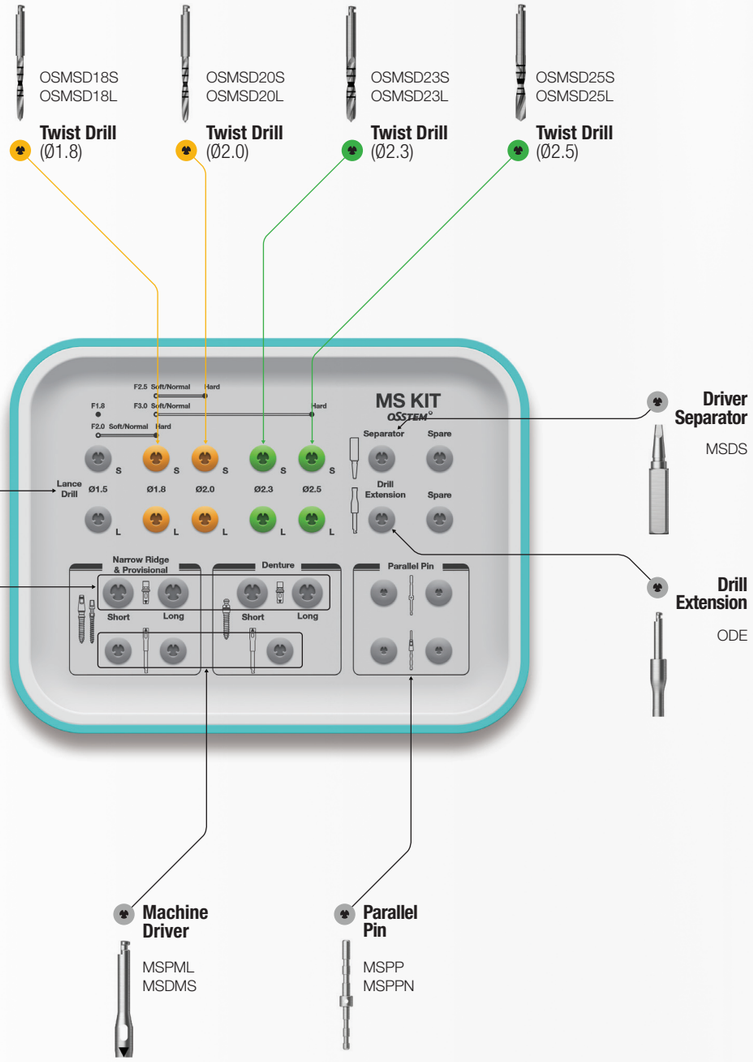
MS KIT (OMSK) 2016.12

Bottom panel components

Depth Gauge
MSDG

Ratchet Wrench
CITQW-1185A

Applicable Products MS



MS KIT Surgical Instruments

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 Twist drill

Lance Drill

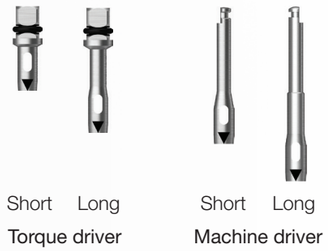
L \ D	Ø1.5
35	OSLD15
38 (Long)	OMSLD15L

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



Short Long Short Long
Torque driver Machine driver

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

MS KIT Surgical Instruments

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

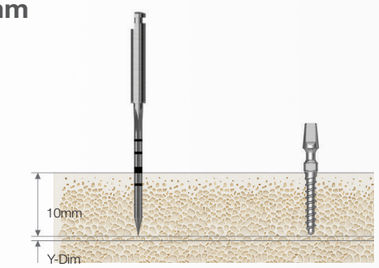
D (Implant to be removed)	Ø2.5	Ø3.0
	OMRT**25E**	OMRT**30E**

Drilling Sequence **MS Drill**

Narrow Ridge | Denture | Provisional

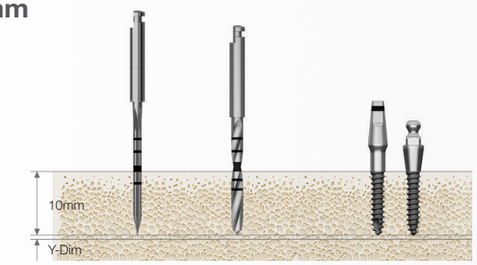
(Length : 10mm)

Ø1.8mm



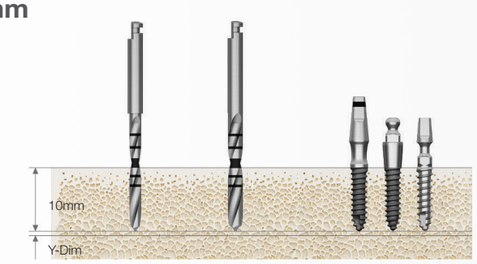
Bone Quality	Lance Drill	Ø1.8 Implant
Soft	▶	Implant Placement
Normal	▶	
Hard	▶	

Ø2.0mm



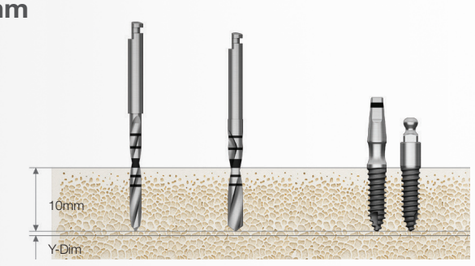
Bone Quality	Lance Drill	Drill (Ø1.8)	Ø2.0 Implant
Soft	▶		Implant Placement
Normal	▶		
Hard	▶	▶	

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

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**

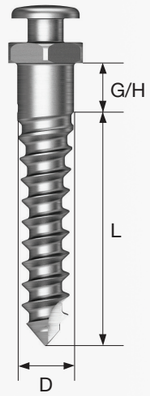
330 **Ortho KIT**
334 **ORP KIT**
340 **e-Driver & e-Driver plus**
341 **V-ceph**

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

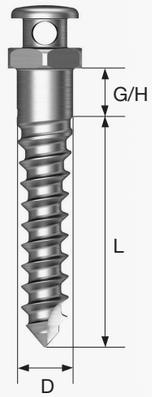
G/H \ L	6	8	10
1.5	OSSH1806	OSSH1808	OSSH1810
4.0	OSSH18064	-	-

OrthAnchor Through Hole

Through Hole

- Machined surface
- Material : Ti-6Al-4V
- D (through-hole) : Ø 0.8
- Connected component : arch wire(round), 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	OSTH**1206**	OSTH**1208**	-

D Ø1.4

G/H \ L	6	8	10
1.5	OSTH**1406**	OSTH**1408**	-

D Ø1.6

G/H \ L	6	8	10
1.5	OSTH**1606**	OSTH**1608**	OSTH**1610**
4.0	OSTH**16064**	-	-

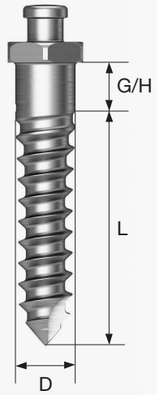
D Ø1.8

G/H \ L	6	8	10
1.5	OSTH**1806**	OSTH**1808**	OSTH**1810**
4.0	OSTH**18064**	-	-

OrthAnchor Small Head

Small Head

- Machined surface
- Material : Ti-6Al-4V
- D (head) : Ø 1.48
- Connected component : coil spring(Ø 1.5/2.0/2.5), power chain, elastic band



D Ø1.4

G/H \ L	6	8	10
1.5	OSSHS1406	OSSHS1408	-

D Ø1.6

G/H \ L	6	8	10
1.5	OSSHS1606	OSSHS1608	OSSHS1610

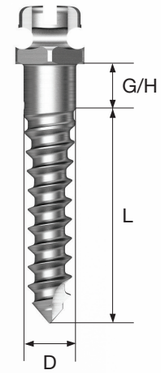
D Ø1.8

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(Ø 2.5), power chain, elastic band



D Ø1.4

G/H \ L	6	8	10
1.5	OSBH1406	OSBH1408	-

D Ø1.6

G/H \ L	6	8	10
1.5	OSBH1606	OSBH1608	OSBH1610

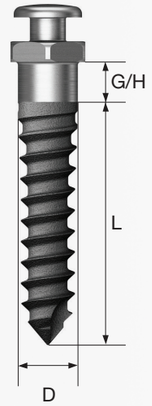
D Ø1.8

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	OSSH**1206HE**	OSSH**1208HE**	-

D ø1.4

G/H \ L	6	8	10
1.5	OSSH**1406HE**	OSSH**1408HE**	-

D ø1.6

G/H \ L	6	8	10
1.5	OSSH**1606HE**	OSSH**1608HE**	OSSH**1610HE**

D ø1.8

G/H \ L	6	8	10
1.5	OSSH**1806HE**	OSSH**1808HE**	OSSH**1810HE**

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	OSTH**1206HE**	OSTH**1208HE**	-

D ø1.4

G/H \ L	6	8	10
1.5	OSTH**1406HE**	OSTH**1408HE**	-

D ø1.6

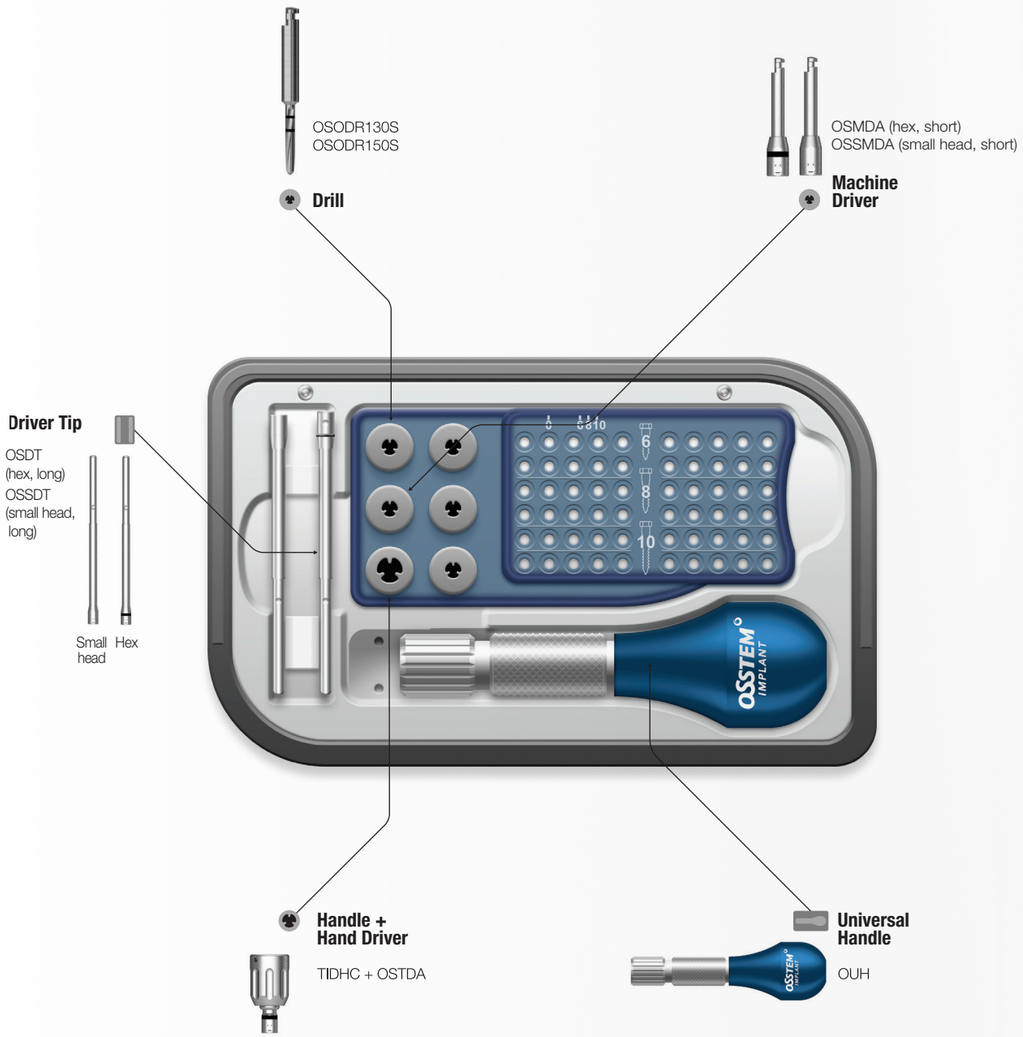
G/H \ L	6	8	10
1.5	OSTH**1606HE**	OSTH**1608HE**	OSTH**1610HE**

D ø1.8

G/H \ L	6	8	10
1.5	OSTH**1806HE**	OSTH**1808HE**	OSTH**1810HE**

Ortho KIT (OOKS)

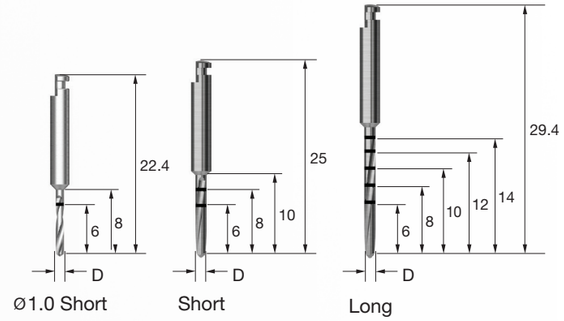
Applicable Products OS



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	OSODR**100S**	OSODR**130S**	OSODR**150S**
Long	-	OSODR**130C**	OSODR**150C**

Universal Handle

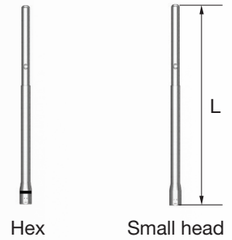
- Used after connecting to the driver tip, easy procedure with anti-slip handle
- Easy procedure with anti-slip handle

OUH

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

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

Machine Driver

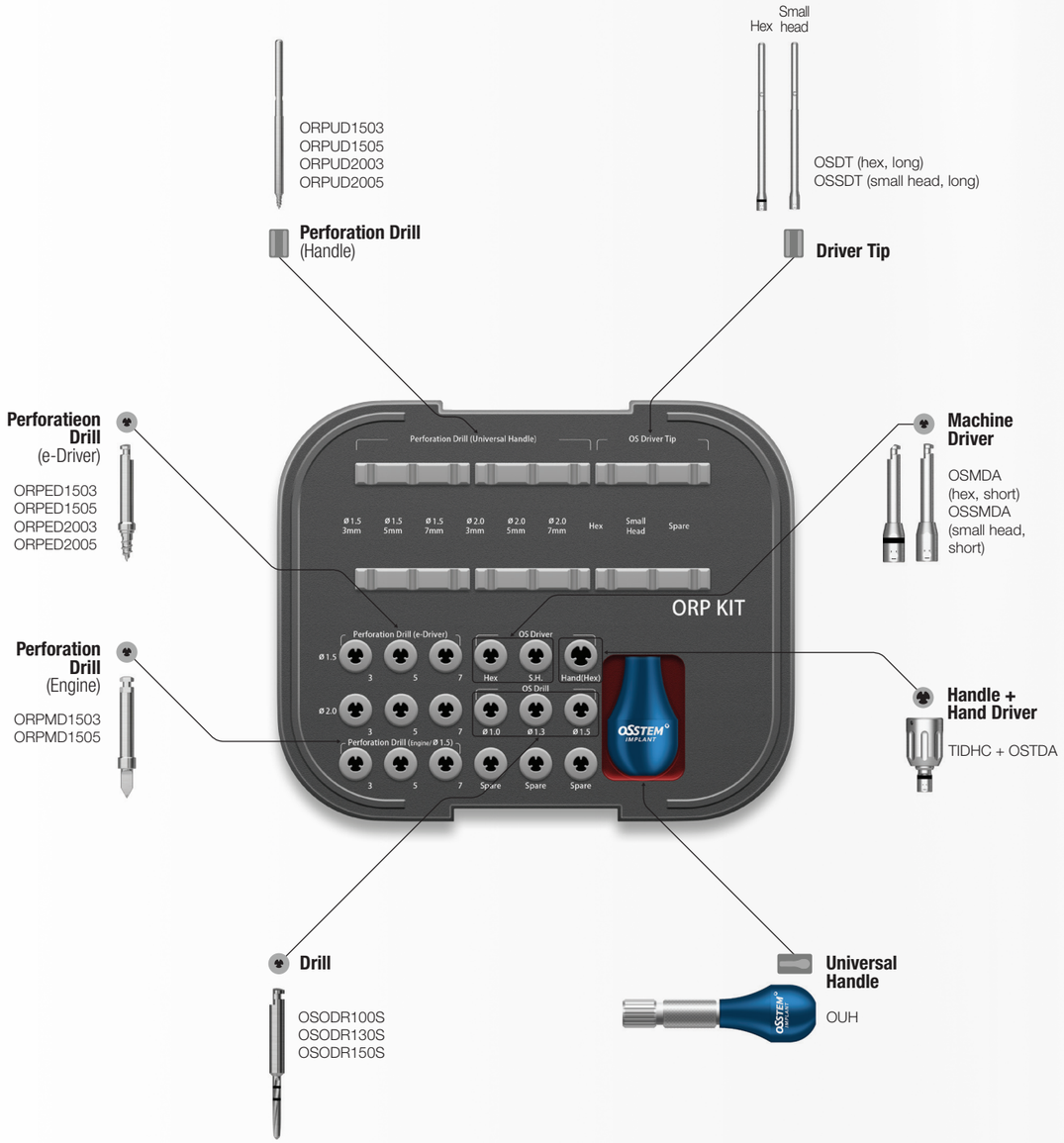
- Connected to the engine for OrthAnchor procedure
- Available type : a general hex driver and a small head machine driver

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 (ORPK)

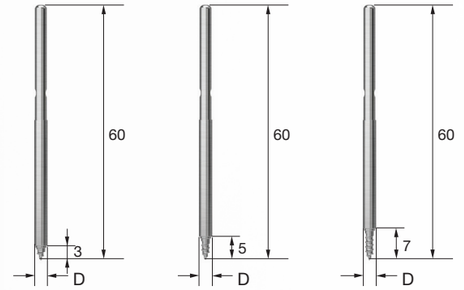


ORP KIT Surgical Instruments

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 interdentium

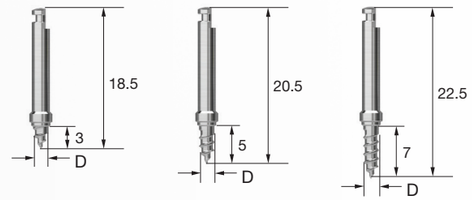
※ MOP : micro-osteoperforation



L \ D	Ø1.5	Ø2.0
3.0	ORPUD**1503**	ORPUD**2003**
5.0	ORPUD**1505**	ORPUD**2005**
7.0	ORPUD**1507**	ORPUD**2007**

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

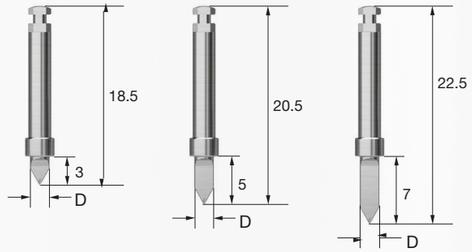


L \ D	Ø1.5	Ø2.0
3.0	ORPED**1503**	ORPED**2003**
5.0	ORPED**1505**	ORPED**2005**
7.0	ORPED**1507**	ORPED**2007**

ORP KIT Surgical Instruments

Perforation Drill (Engine)

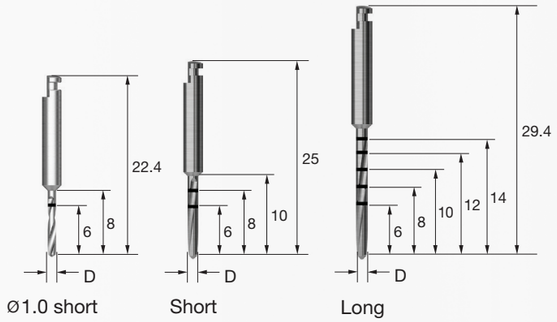
- Connected to handpiece (engine) for MOP procedure (e-Driver cannot be used)
- Allows fast procedure for hard bone or difficult-to-access areas with a handle drill
- Recommended drilling speed: 1200rpm



L \ D	ø1.5	ø2.0
3.0	ORPMD**1503**	ORPMD**2003**
5.0	ORPMD**1505**	ORPMD**2005**
7.0	ORPMD**1507**	ORPMD**2007**

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	OSODR**100S**	OSODR**130S**	OSODR**150S**
Long	-	OSODR**130C**	OSODR**150C**

Universal Handle

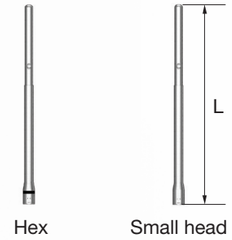
- Used for MOP procedure by connecting Perforation Drill (Handle)
- Screw implantation is available by connecting a dedicated driver tip

OUH

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

OSHDR130

ORP KIT Surgical Instruments

Driver Handle

- Used for hand tightening screws after connecting to a hand driver

TIDHC

Hand Driver

Hex

Small head

- 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

Machine Driver

- Connected to the engine for OrthAnchor procedure
- Available type: a general hex driver and a small head machine driver

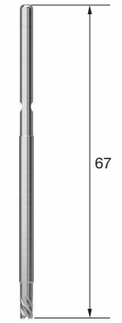
Hex

Small head

L Type	Hex	Small Head
Short (L)	OSMDA (21.4)	OSSMDA (21.4)
Long (L)	OSMDB (31.4)	OSSMDB (31.4)

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
	OSRT**12H**	OSRT**14H**	OSRT**16H**	OSRT**18H**	OSRT**20H**

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
	OSRT**12E**	OSRT**14E**	OSRT**16E**	OSRT**18E**	OSRT**20E**

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

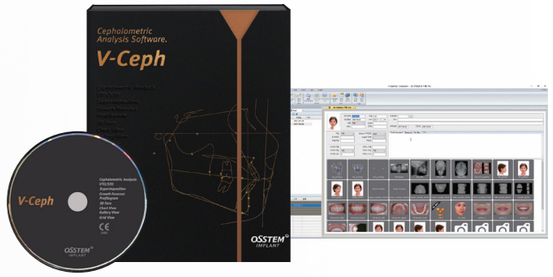
- Allows easy tightening in contra-angle
- Strong and accurate application of torque (Range: 5~40Ncm)
- Adjustable drilling speed (Range: 15~55rpm)
- Minimizes OrthAnchor fractures and ensures accurate placement path
- Ease of abutment tightening and minimizing the chance of screw loosening

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
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 Surgical Instrument
414 Prosthetic Simple KIT
415 Prosthetic KIT
424 CAS KIT
430 LAS KIT
431 LAS Full KIT
434 Denture 4U KIT
440 Positioning Guide KIT
441 Positioning Guide Full KIT
445 SmartGuide KIT
448 ESSET KIT
452 IM-Cure KIT
456 ESR KIT
457 ESR Full KIT
466 EIR KIT
467 EIR Full KIT
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**
483 Ridge Split KIT **Offset**

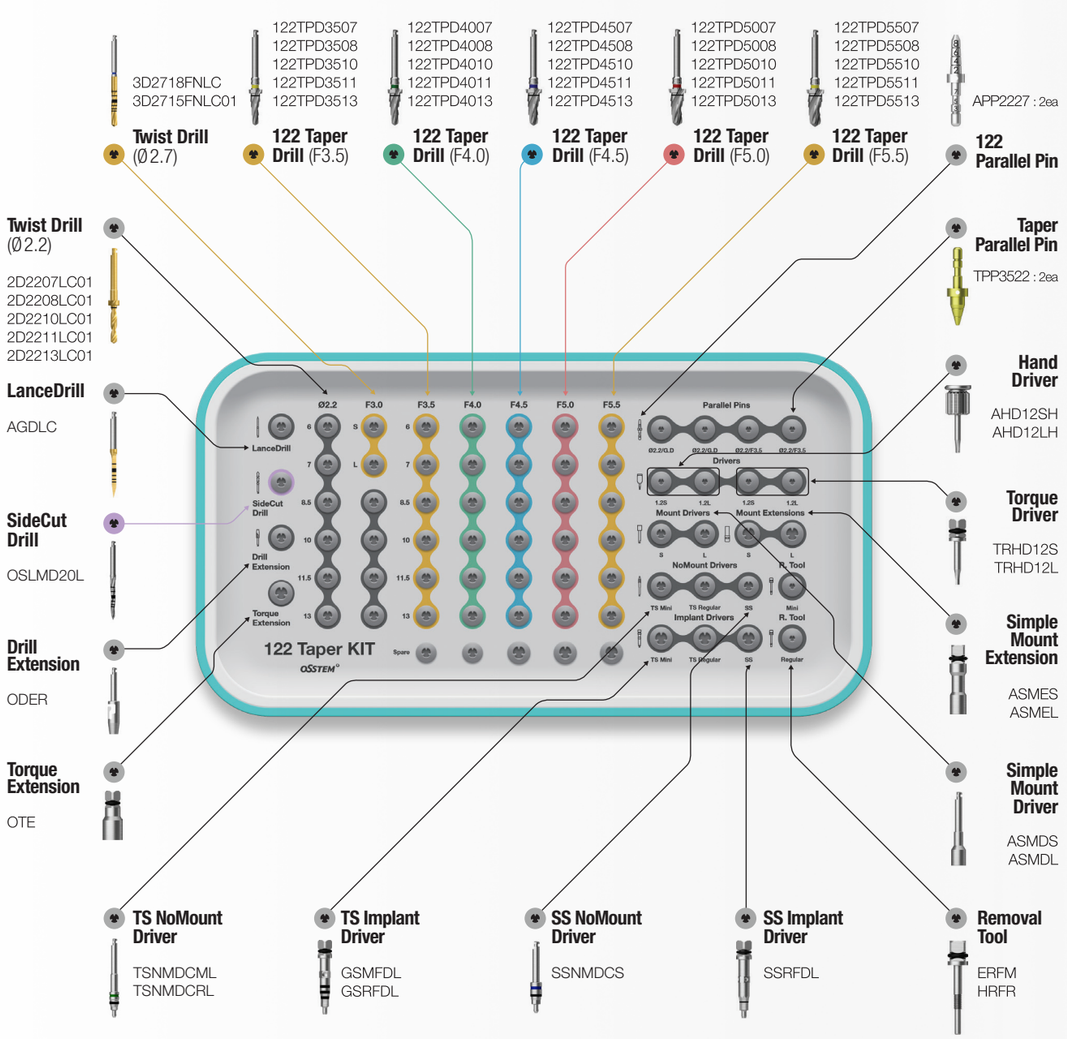
122 Taper KIT (O122TPK) RENEWAL 2021

Applicable Products TSIII / IV | KSIII | SSIII | USIII / IV

Top panel components

Torque Wrench
TW30B

Depth Gauge
OSDG



• More details on KIT components can be found in Surgical Instruments(390p~412p)

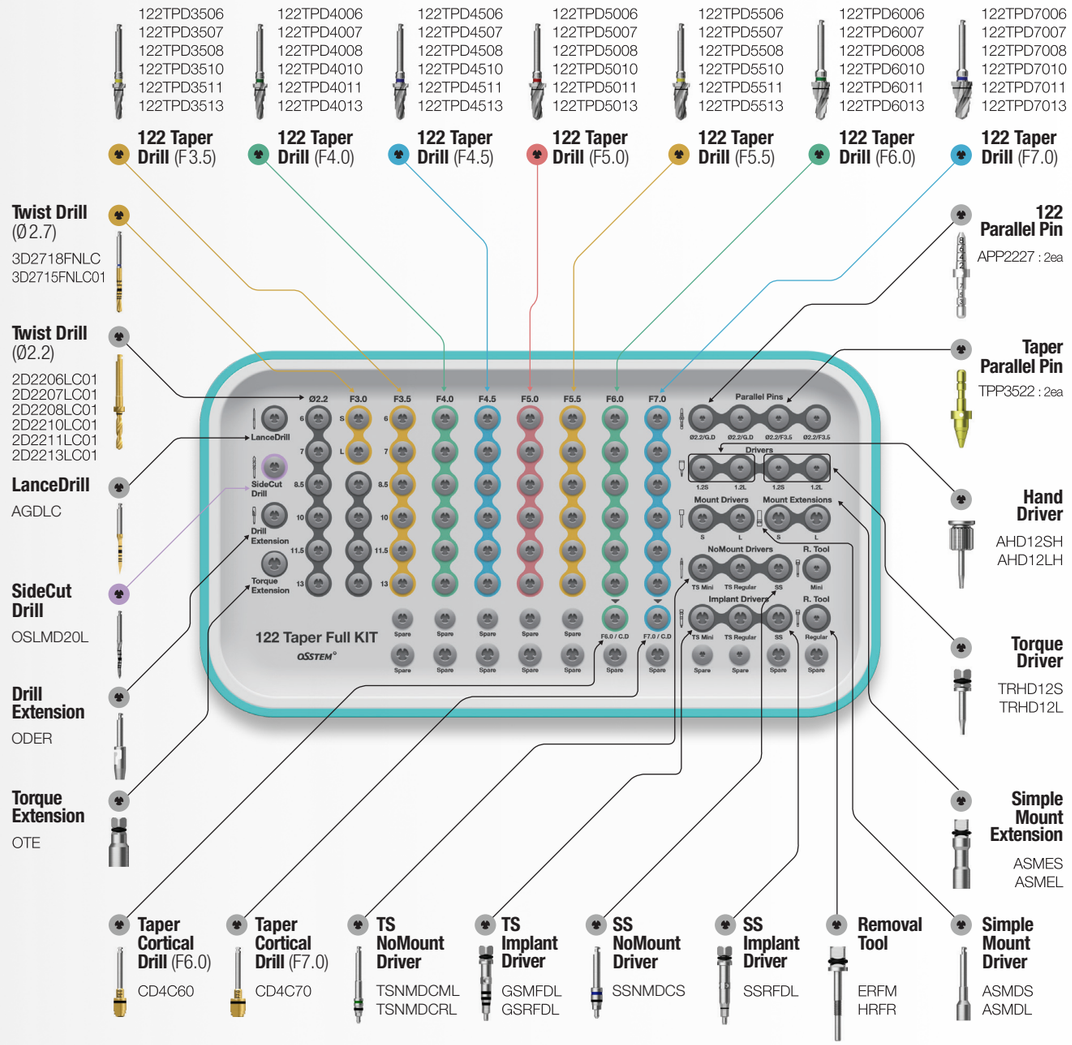
122 Taper Full KIT (O122TPFK) RENEWAL 2021

Applicable Products TSIII / IV | KSIII | SSIII | USIII / IV | III / IV Ultra-wide

Top panel components

Torque Wrench
TW30B

Depth Gauge
OSDG



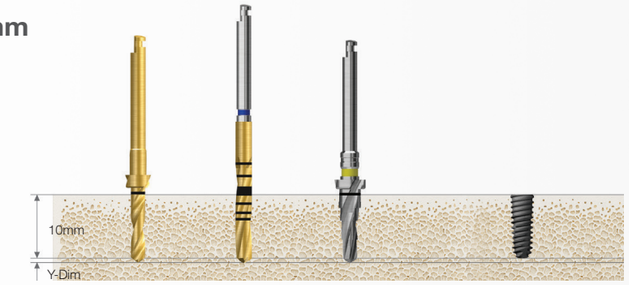
• More details on KIT components can be found in Surgical Instruments(390p~412p)

Drilling Sequence **122 Taper Drill**

TSIII | KSIII | SSIII | USIII

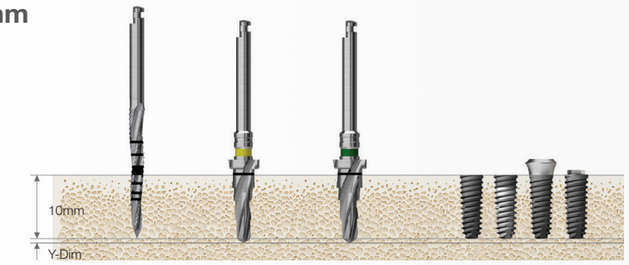
(Length : 10mm)

Ø3.0mm



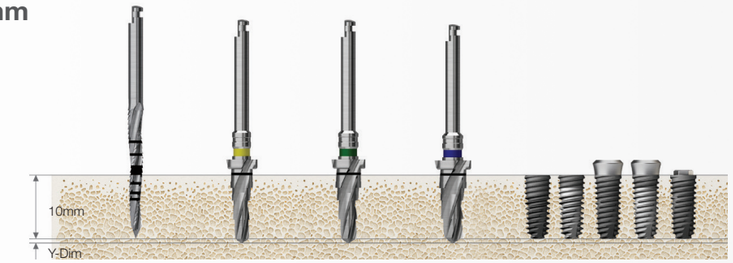
Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø2.7)	122Taper Drill (F3.5)	Ø3.0 Implant
Soft	▶			
Normal	▶	▶		Implant Placement
Hard	▶		▶	

Ø3.5mm



Bone Quality	Sidecut Drill	122Taper Drill (F3.5)	122Taper Drill (F4.0)	Ø3.5 Implant
Soft	▶			
Normal	▶	▶		Implant Placement
Hard	▶	▶	▶	

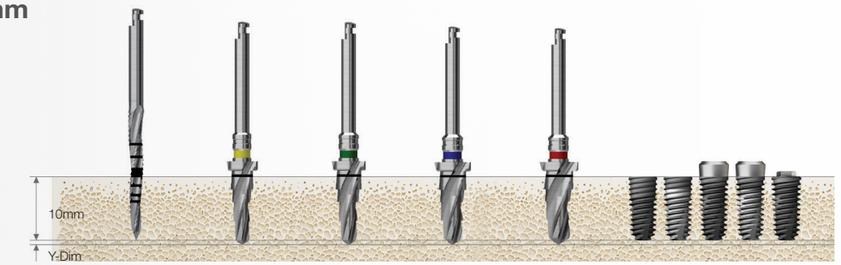
Ø4.0mm



Bone Quality	Sidecut Drill	122Taper Drill (F3.5)	122Taper Drill (F4.0)	122Taper Drill (F4.5)	Ø4.0 Implant
Soft	▶	▶			
Normal	▶	▶	▶		Implant Placement
Hard	▶	▶		▶	

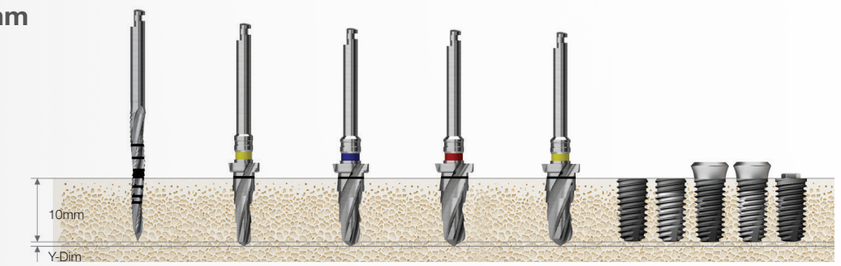
F5.5 taper cortical drill marking line : Bottom line for placing 6mm or smaller implants, midline for 7mm implants, and top line for 8,5mm or greater implants
Recommended placement torque ≤ **40Ncm**
TS implant placement depth : For normal bones, 1mm deeper than the bone level; for soft bones, matched to the bone level to maintain the stability

Ø4.5mm



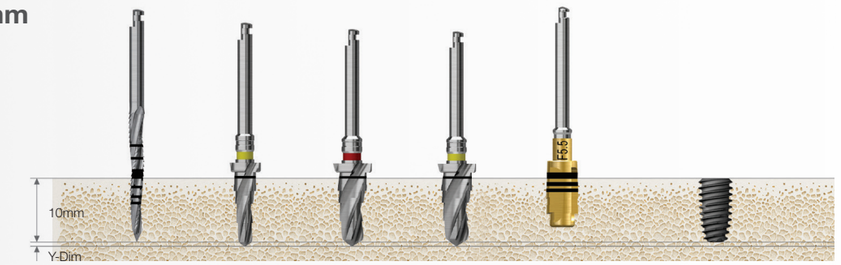
Bone Quality	Sidecut Drill	122Taper Drill (F3.5)	122Taper Drill (F4.0)	122Taper Drill (F4.5)	122Taper Drill (F5.0)	Ø4.5 Implant
Soft	▶		▶			
Normal	▶	▶		▶		Implant Placement
Hard	▶	▶			▶	

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



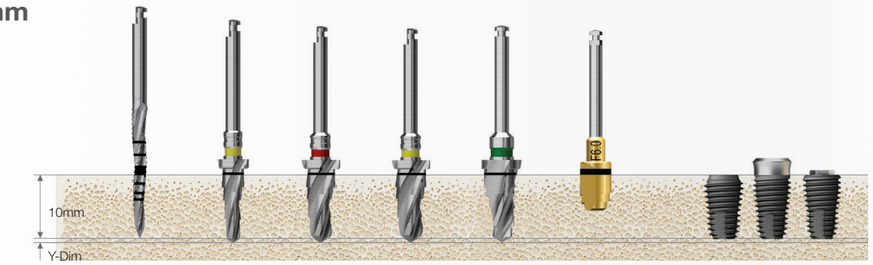
Bone Quality	Sidecut Drill	122Taper Drill (F3.5)	122Taper Drill (F5.0)	122Taper Drill (F5.5)	Taper Cortical Drill(F5.5)	Ø5.5 Implant
Soft	▶		▶			
Normal	▶	▶		▶		Implant Placement
Hard	▶	▶		▶	▶	

Drilling Sequence **122 Taper Drill**

TSIII Ultra-wide | KSIII Ultra-wide | SSIII Ultra-wide USIII Ultra-wide

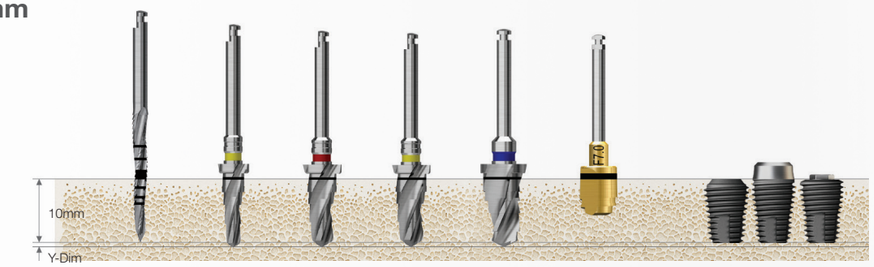
(Length : 10mm)

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	▶	▶	▶		▶	▶	

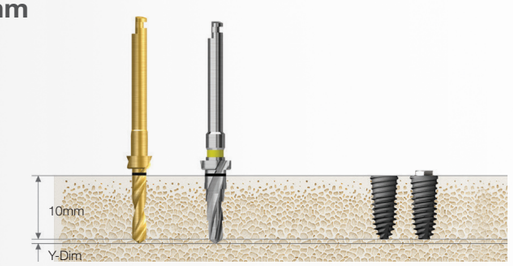
F5.5 taper cortical drill marking line : Bottom line for placing 6mm or smaller implants, midline for 7mm implants, and top line for 8.5mm or greater implants
Recommended placement torque ≤ **40Ncm**
TS implant placement depth : For normal bones, 1mm deeper than the bone level; for soft bones, matched to the bone level to maintain the stability

Drilling Sequence **122 Taper Drill**

TSIV | USIV

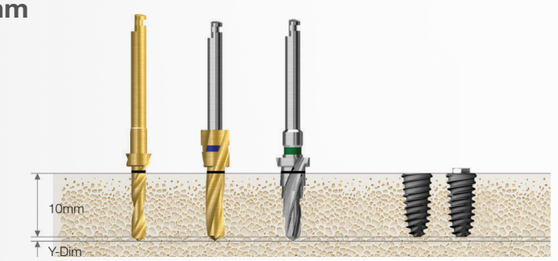
(Length : 10mm)

Ø4.0mm



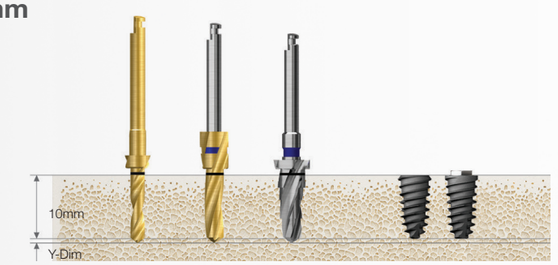
Bone Quality	Twist Drill (Ø2.2)	122Taper Drill (F3.5)	Ø4.0 Implant
D4	▶		Implant Placement
Soft	▶	▶	

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



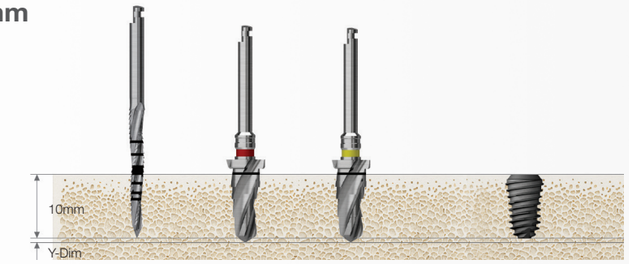
Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø3.0)	122Taper Drill (F4.5)	Ø5.0 Implant
D4		▶		Implant Placement
Soft	▶		▶	

Drilling Sequence **122 Taper Drill**

TSIV Ultra-wide

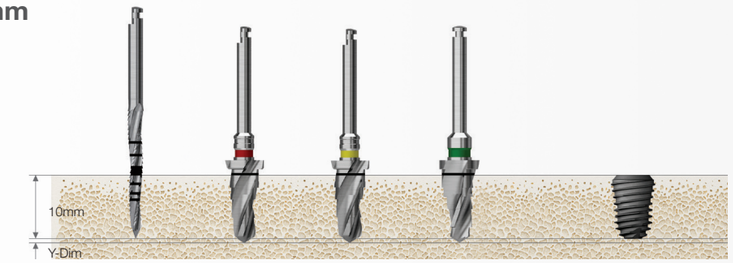
(Length : 10mm)

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

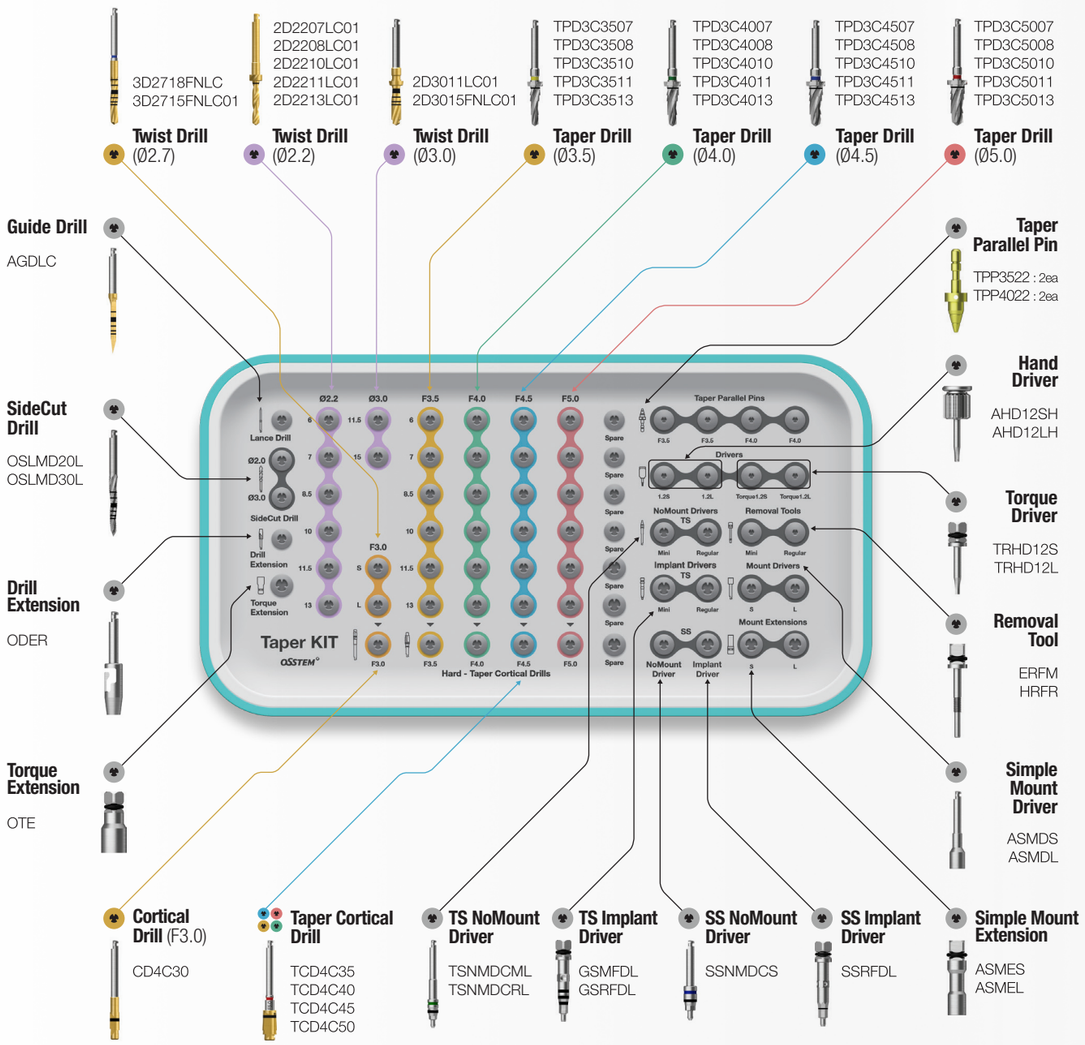
Taper KIT (OTSK) RENEWAL 2021

Applicable Products TSIII / IV | KSIII | SSIII | USIII / IV

Top panel components

Torque Wrench
TW30B

Depth Gauge
OSDG



• More details on KIT components can be found in Surgical Instruments (390p~412p)

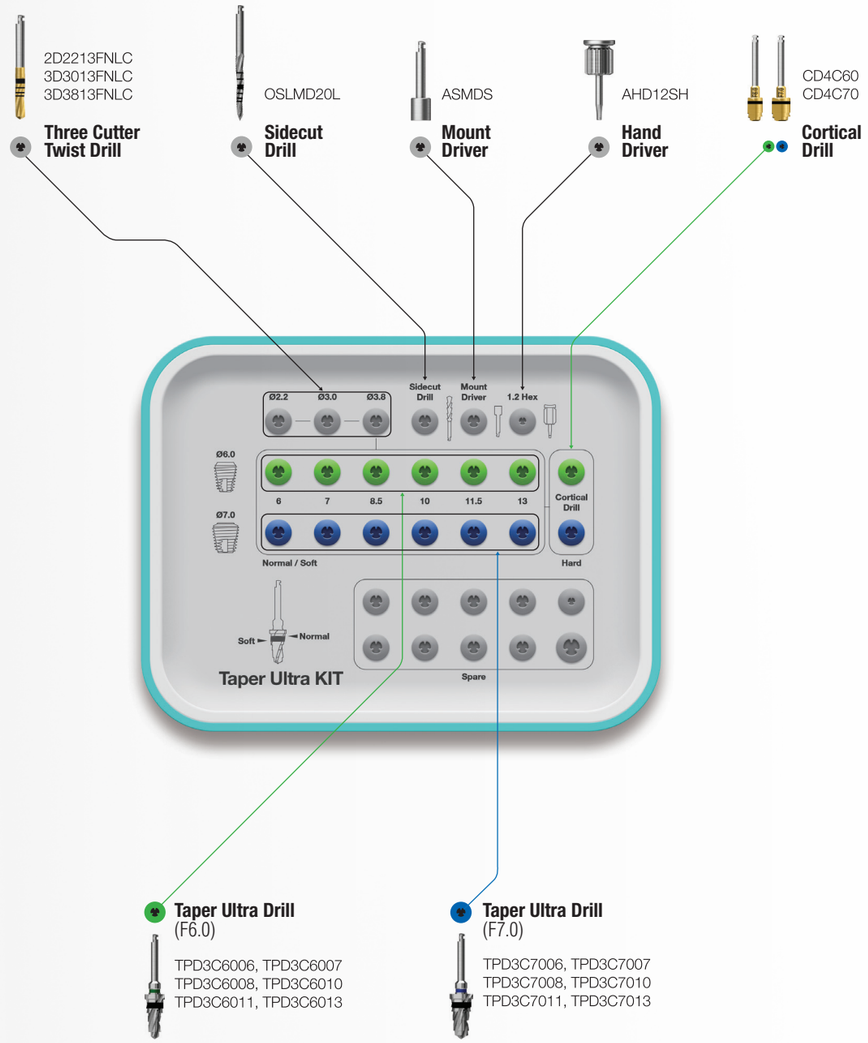
Taper Ultra KIT (OULTPK) RENEWAL 2022

Applicable Products III Ultra-wide

Top panel components

Open Wrench
ASOW

Ratchet Wrench
CITQW-1185A



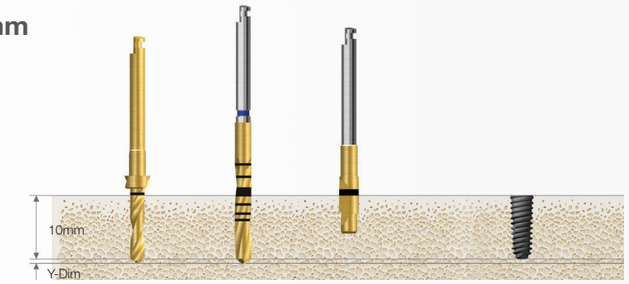
• More details on KIT components can be found in Surgical Instruments (390p~412p)

Drilling Sequence **Taper Drill**

TSIII | KSIII | SSIII | USIII

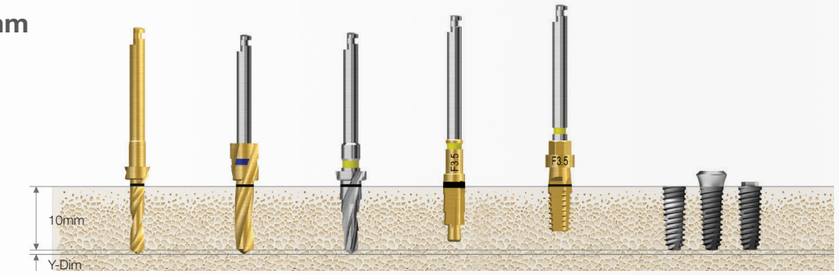
(Length : 10mm)

ø3.0mm



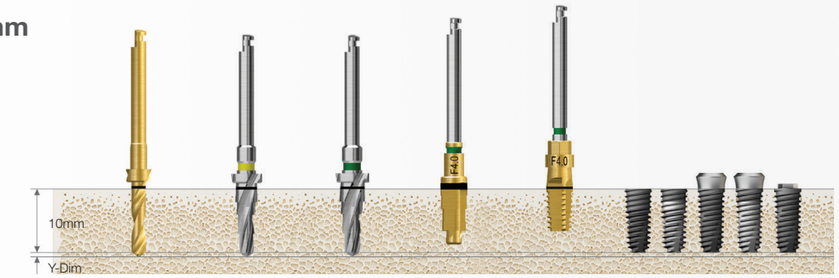
Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø2.7)	Cortical Drill (F3.0)	Ø3.0 Implant
Soft	▶			Implant Placement
Normal	▶	▶		
Hard	▶	▶	▶	

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	▶	▶				Implant Placement
Normal	▶		▶			
Hard	▶		▶	▶		
Hard (Option)	▶		▶		▶	

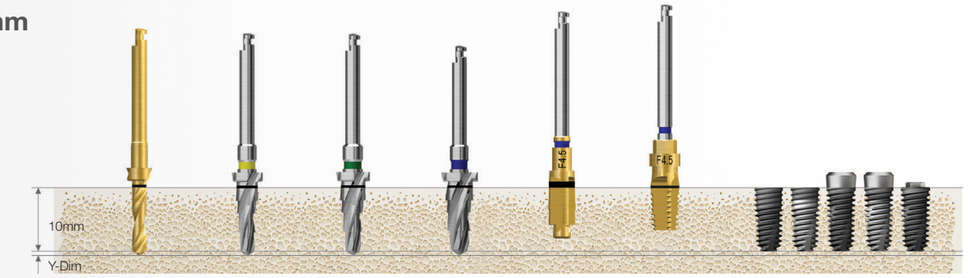
ø4.0mm



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	▶	▶				Implant Placement
Normal	▶	▶	▶			
Hard	▶	▶	▶	▶		
Hard (Option)	▶	▶	▶		▶	

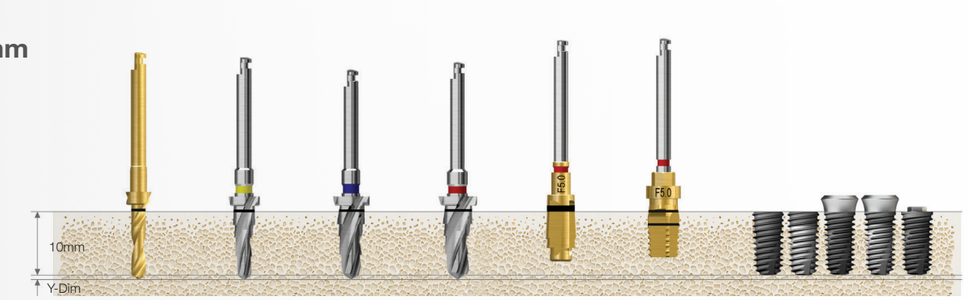
Taper cortical drill marking line : Bottom line for placing 8,5mm or greater implants, and top line for 10mm or greater implants
Recommended placement torque ≤ **40Ncm**
TS implant placement depth : For normal bones, 1mm deeper than the bone level; for soft bones, matched to the bone level to maintain 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



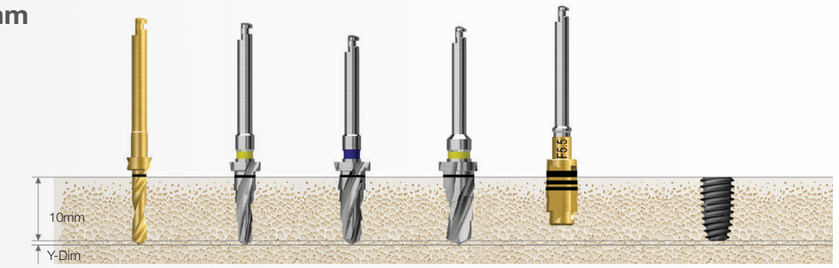
Bone Quality	Twist Drill (Ø2.2)	Taper Drill (F3.5)	Taper Drill (F4.0)	Taper Drill (F4.5)	Taper Cortical Drill (F4.5)	Taper Implant Tap (F4.5)	Ø4.5 Implant
Soft	▶	▶	▶				Implant Placement
Normal	▶	▶		▶			
Hard	▶	▶		▶	▶		
Hard (Option)	▶	▶		▶		▶	

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	▶	▶	▶				Implant Placement
Normal	▶	▶	▶	▶			
Hard	▶	▶	▶	▶	▶		
Hard (Option)	▶	▶	▶	▶		▶	

ø5.5mm



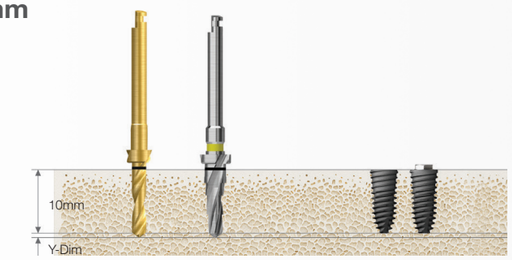
Bone Quality	Twist Drill (Ø2.2)	Taper Drill (F3.5)	Taper Drill (F4.5)	Taper Drill (F5.5)	Taper Implant Tap (F5.5)	Ø5.5 Implant
Soft	▶	▶	▶			Implant Placement
Normal	▶	▶	▶	▶		
Hard	▶	▶	▶	▶	▶	

Drilling Sequence **Taper Drill**

TSIV | USIV

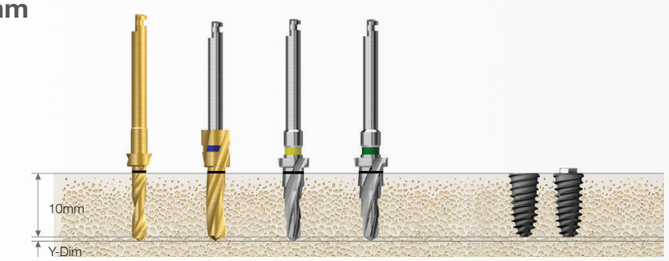
(Length : 10mm)

Ø4.0mm



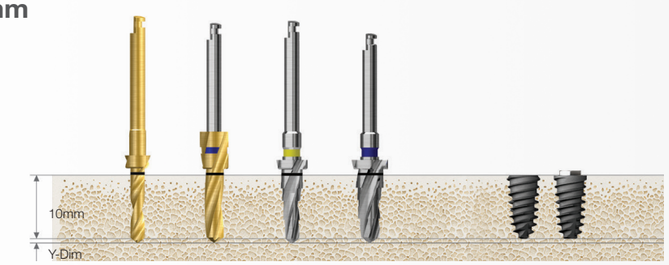
Bone Quality	Twist Drill (Ø2.2)	Taper Drill (F3.5)	Ø4.0 Implant
D4	▶		Implant Placement
Soft	▶	▶	

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



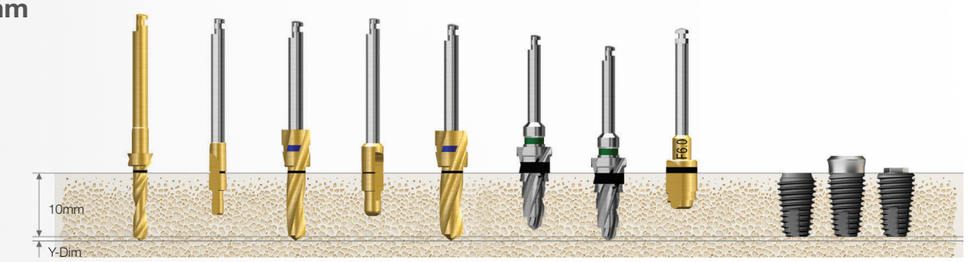
Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø3.0)	Taper Drill (F3.5)	Taper Drill (F4.5)	Ø5.0 Implant
D4		▶			Implant Placement
Soft	▶		▶	▶	

Drilling Sequence **Taper Drill**

TSIII Ultra-wide | KSIII Ultra-wide | SSIII Ultra-wide USIII Ultra-wide

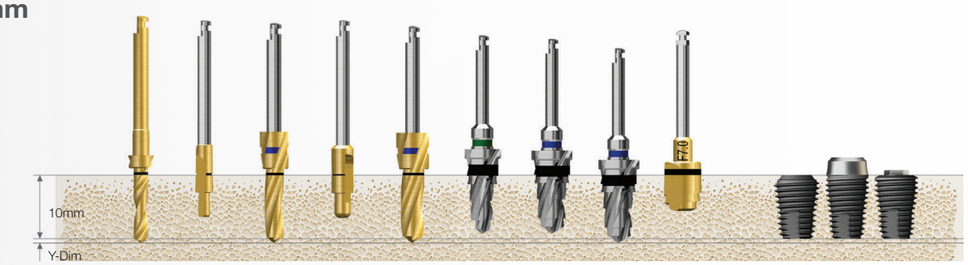
(Length : 10mm)

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**

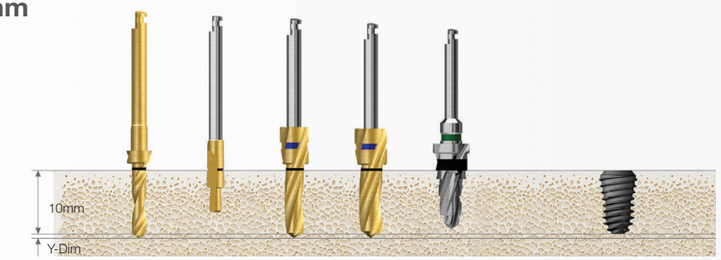
TS implant placement depth : For normal/hard bones, 1mm deeper than the bone level; for soft bones, matched to the bone level to maintain the stability

Drilling Sequence **Taper Drill**

TSIV Ultra-wide

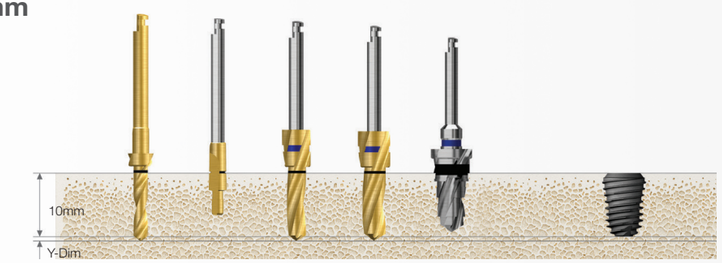
(Length : 10mm)

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	▶	▶	▶		▶	

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

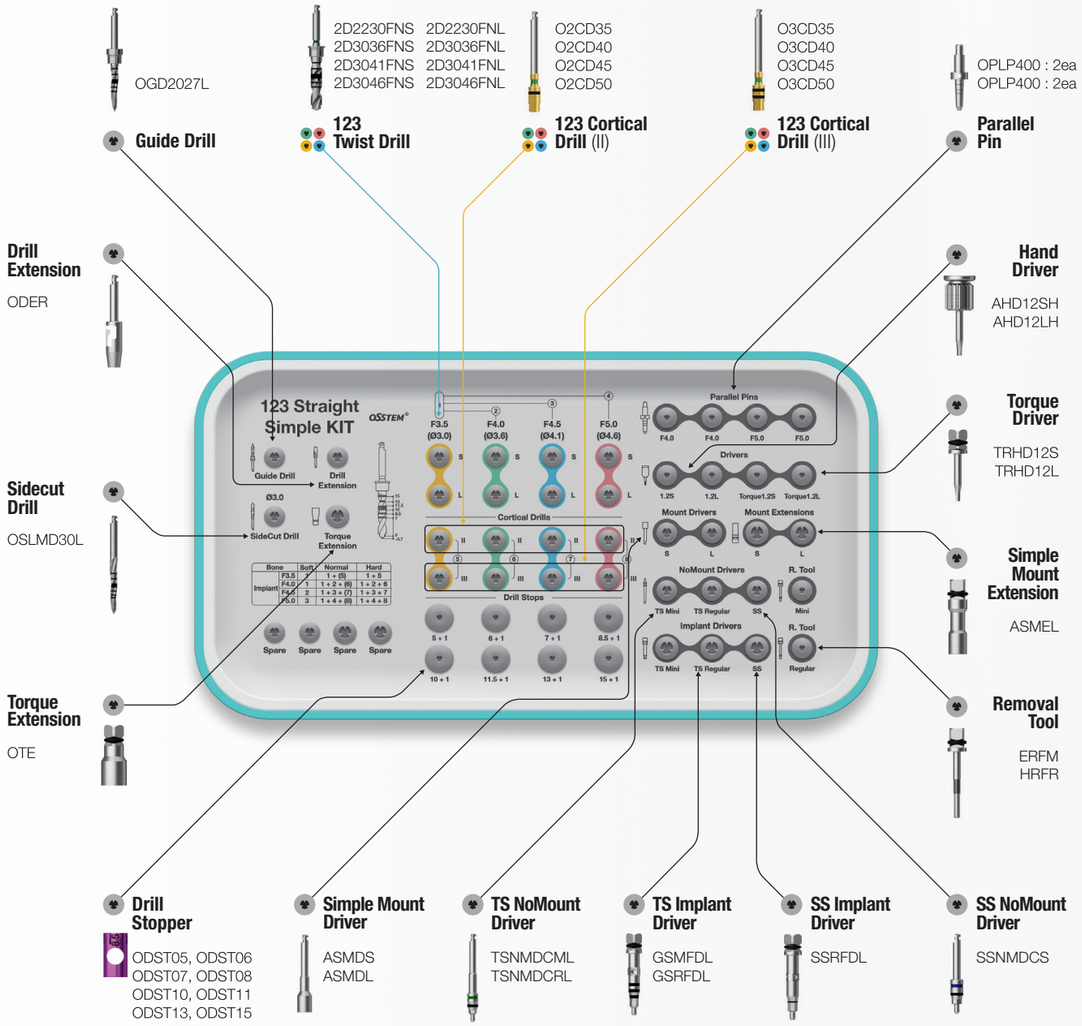
123 Straight Simple KIT (O123K) RENEWAL 2021

Applicable Products TSII / III | KSIII | SSII / III | USII / III

Top panel components

Torque Wrench
TW30B

Depth Gauge
OSDG



• More details on KIT components can be found in Surgical Instruments (390p~412p)

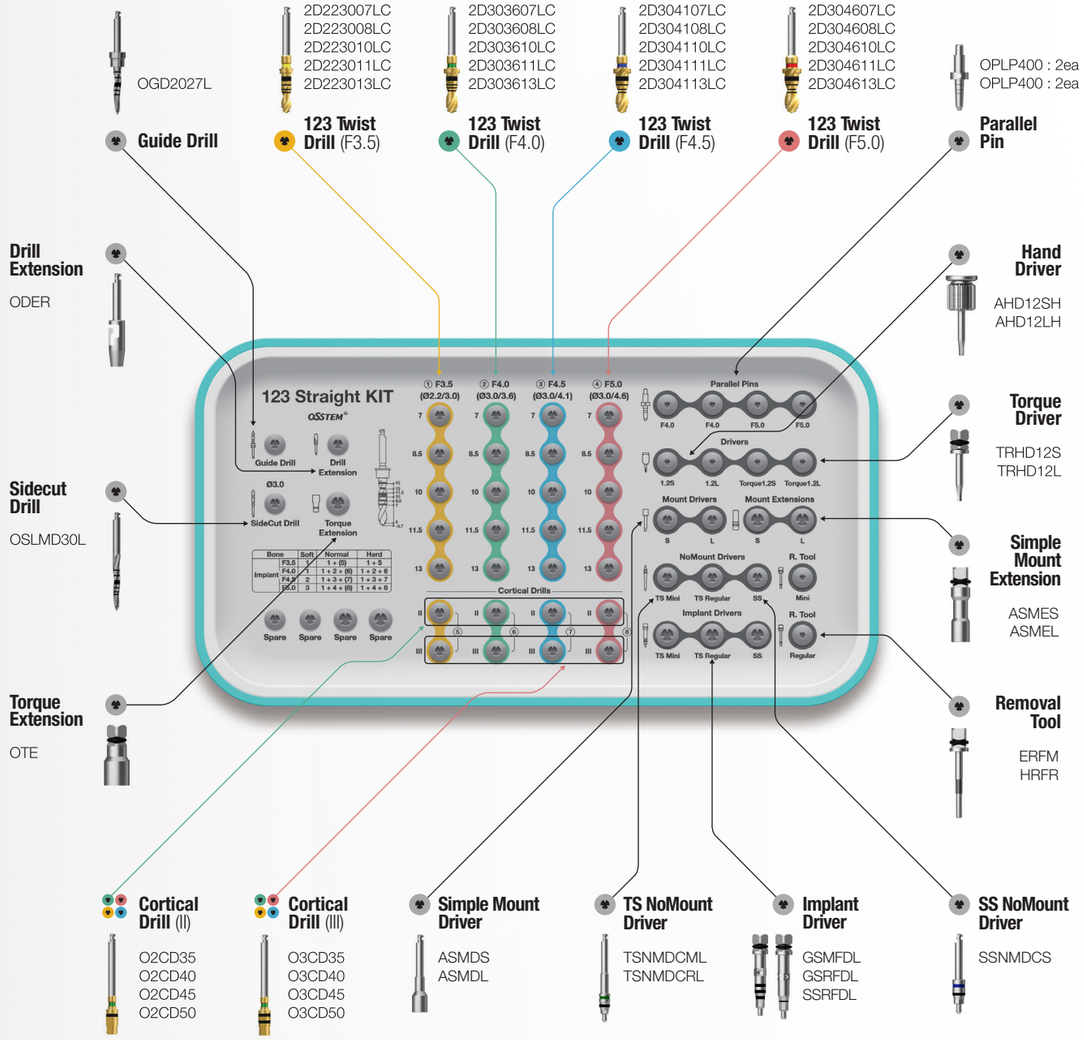
123 Straight KIT (O123FK) RENEWAL 2021

Applicable Products TSII / III | KSIII | SSII / III | USII / III

Top panel components

Torque Wrench
TW30B

Depth Gauge
OSDG



• More details on KIT components can be found in Surgical Instruments (390p~412p)

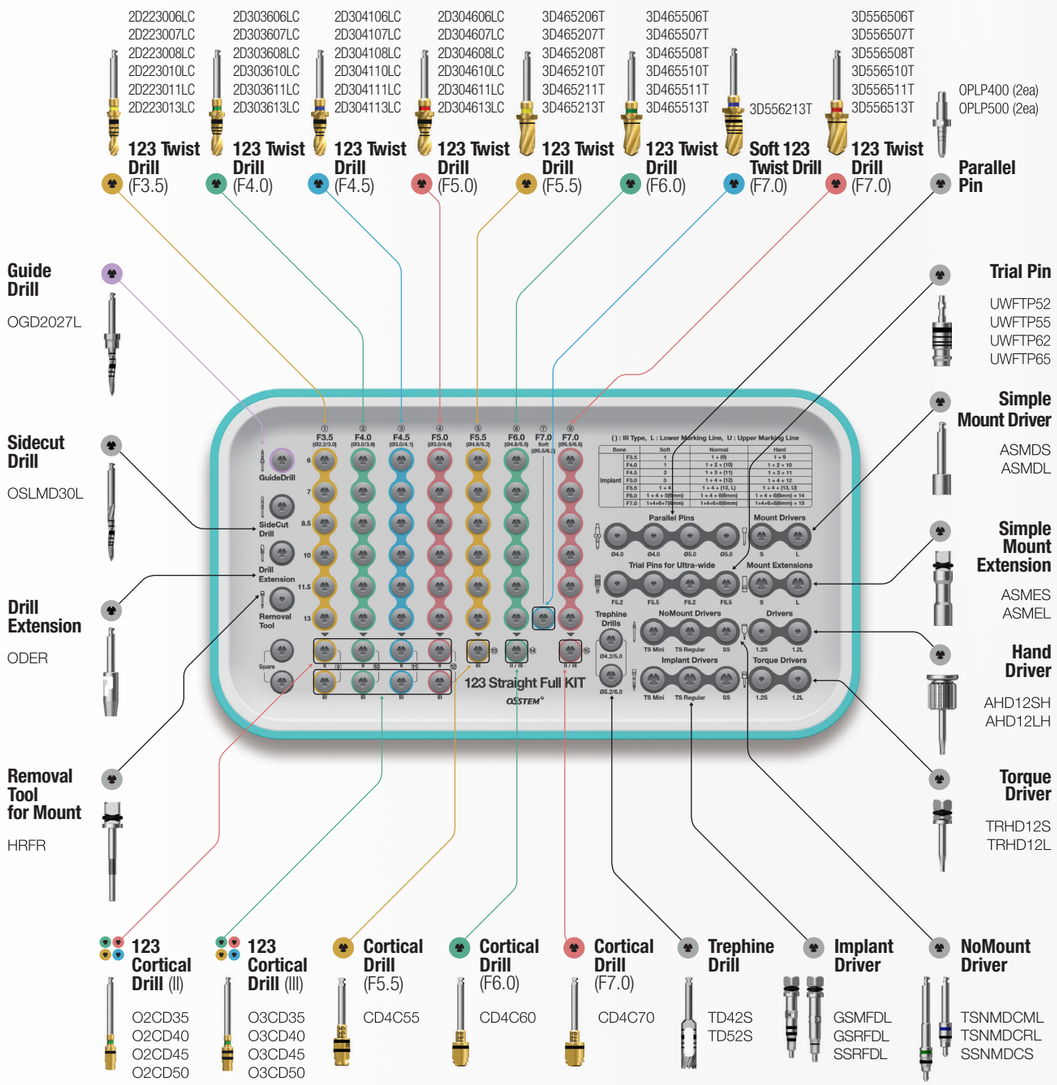
123 Straight Full KIT (O123STFK) RENEWAL 2021

Applicable Products TSIII / IV | KSIII | SSIII | USIII / IV | III / IV Ultra-wide

Top panel components

Torque Wrench
TW30B

Depth Gauge
OSDG



• More details on KIT components can be found in Surgical Instruments (390p~412p)

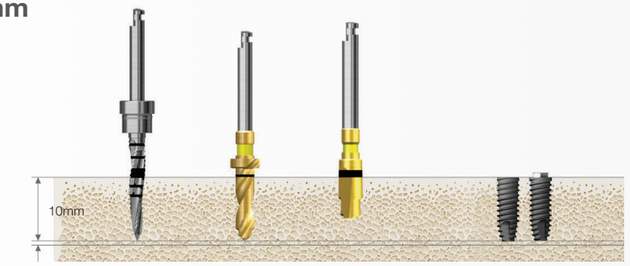
OSSTEM IMPLANT

Drilling Sequence II Type 123 Twist Drill

TSII | SSII | USII

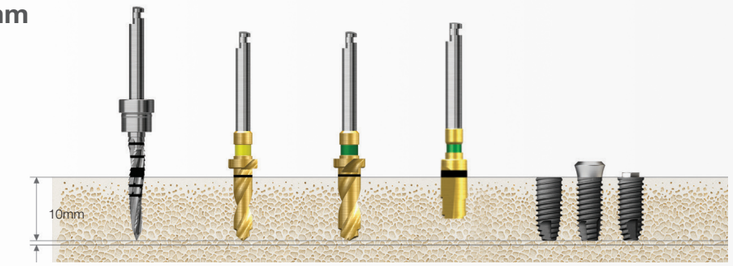
(Length : 10mm)

Ø3.5mm



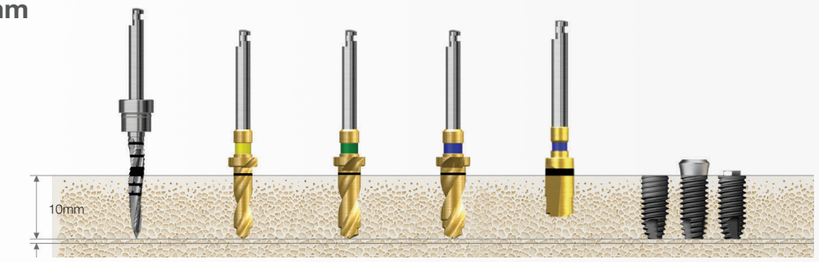
Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Cortical Drill	Ø3.5 Implant
Soft	▶	▶		Implant Placement
Normal	▶	▶		
Hard	▶	▶	▶	

Ø4.0mm



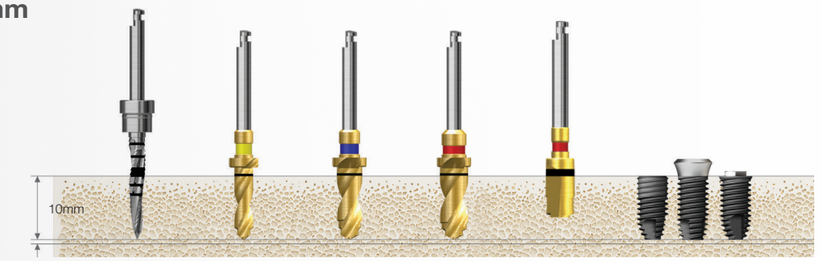
Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/3.6)	Cortical Drill	Ø4.0 Implant
Soft	▶	▶			Implant Placement
Normal	▶	▶	▶		
Hard	▶	▶	▶	▶	

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



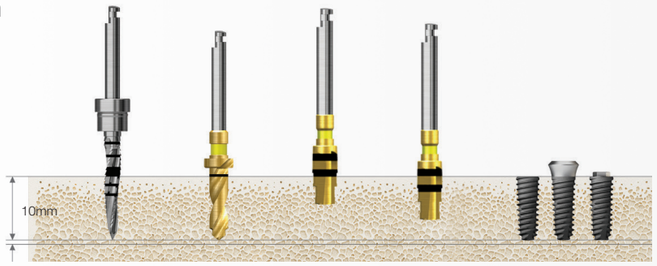
Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/4.1)	Twist Drill (Ø3.0/4.6)	Cortical Drill	Ø5.0 Implant
Soft	▶		▶			Implant Placement
Normal	▶	▶		▶		
Hard	▶	▶		▶	▶	

Drilling Sequence III Type 123 Twist Drill

TSIII | KSIII | SSIII | USIII

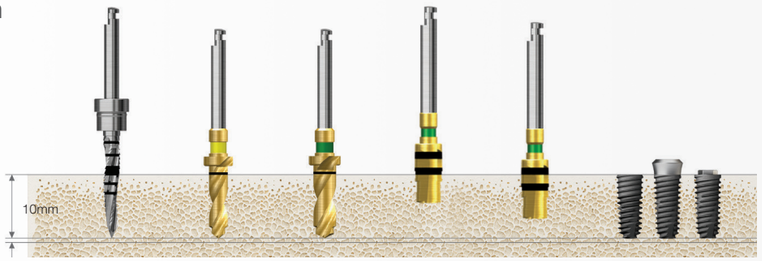
(Length : 10mm)

ø3.5mm



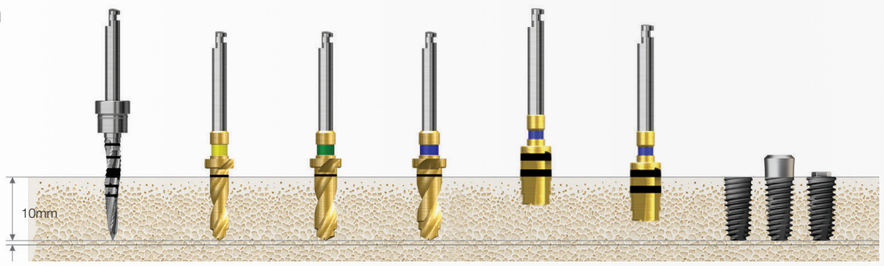
Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Cortical Drill (F3.5) Bottom line	Cortical Drill (F3.5) Top line	Ø3.5 Implant
Soft	▶	▶			Implant Placement
Normal	▶	▶	▶		
Hard	▶	▶		▶	

ø4.0mm



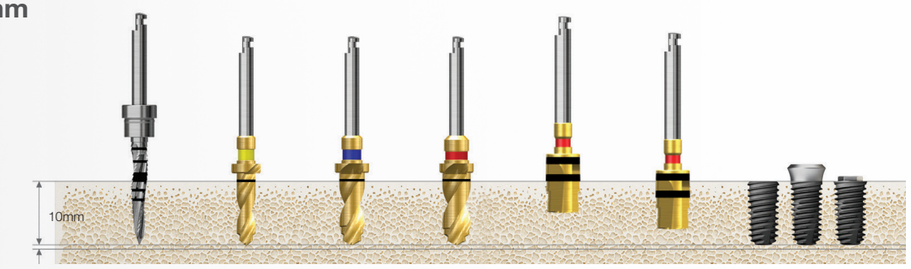
Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/3.6)	Cortical Drill (F4.0) Bottom line	Cortical Drill (F4.0) Top line	Ø4.0 Implant
Soft	▶	▶				Implant Placement
Normal	▶	▶	▶	▶		
Hard	▶	▶	▶		▶	

ø4.5mm



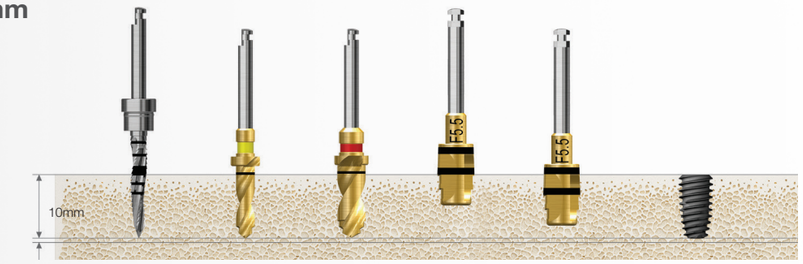
Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/3.6)	Twist Drill (Ø3.0/4.1)	Cortical Drill (F4.5) Bottom line	Cortical Drill (F5.0) Top line	Ø4.5 Implant
Soft	▶		▶				Implant Placement
Normal	▶	▶		▶	▶		
Hard	▶	▶		▶		▶	

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 (F5.0) Bottom line	Cortical Drill (F5.0) Top line	Ø5.0 Implant
Soft	▶		▶				Implant Placement
Normal	▶	▶		▶	▶		
Hard	▶	▶		▶		▶	

ø5.5mm



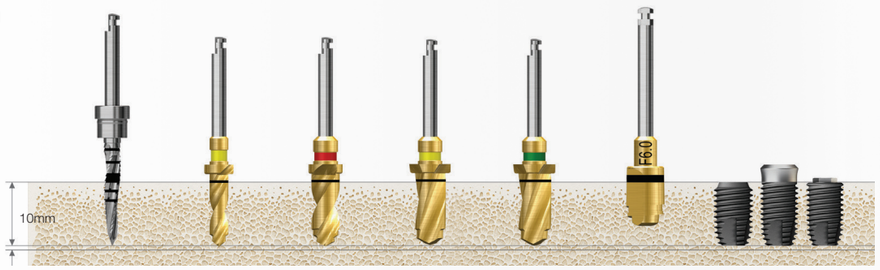
Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/4.6)	Cortical Drill (F5.5) Bottom line	Cortical Drill (F5.5) Top line	Ø5.5 Implant
Soft	▶	▶	▶			Implant Placement
Normal	▶	▶	▶	▶		
Hard	▶	▶	▶		▶	

Drilling Sequence Ultra-wide 123 Twist Drill

TSII Ultra-wide | SSII Ultra-wide | USII Ultra-wide

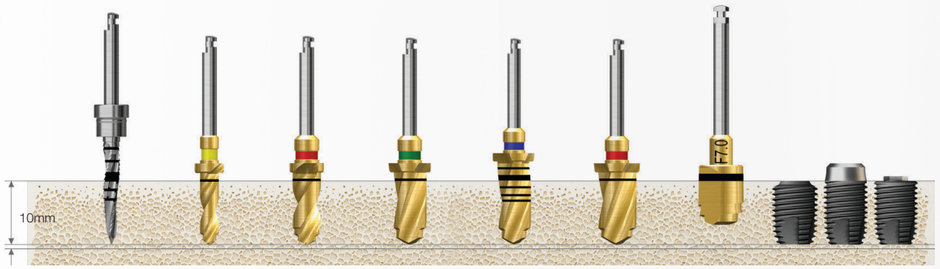
(Length : 10mm)

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



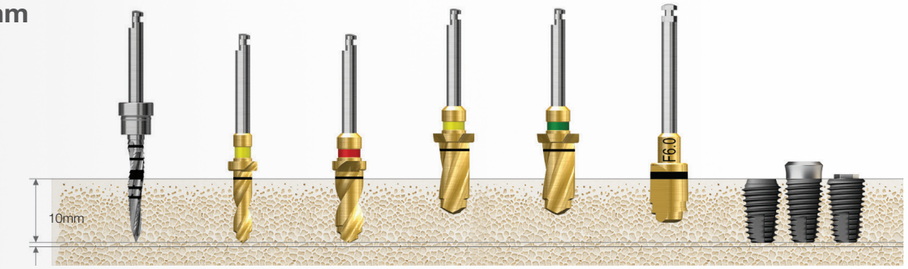
Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/4.6)	Twist Drill (Ø4.6/5.5)	Twist Drill (Ø4.6/5.5) (F7.0 Soft)	Twist Drill (Ø5.5/6.5)	Cortical Drill (F7.0)	Ø7.0 Implant
Soft	▶	▶	▶	▶	▶			
Normal	▶	▶	▶	▶		▶		Implant Placement
Hard	▶	▶	▶	▶		▶	▶	

Drilling Sequence Ultra-wide 123 Twist Drill

TSIII Ultra-wide | KSIII Ultra-wide | SSIII Ultra-wide USIII Ultra-wide

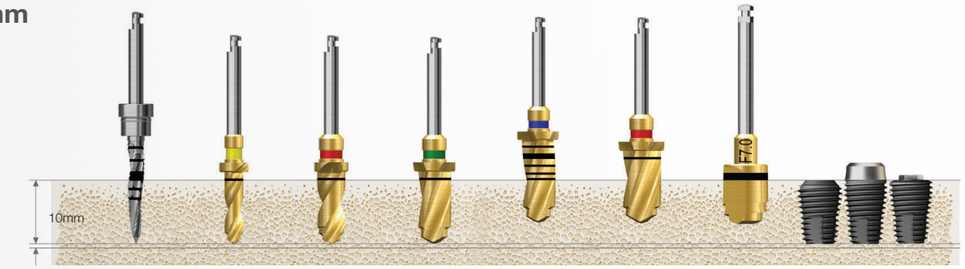
(Length : 10mm)

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

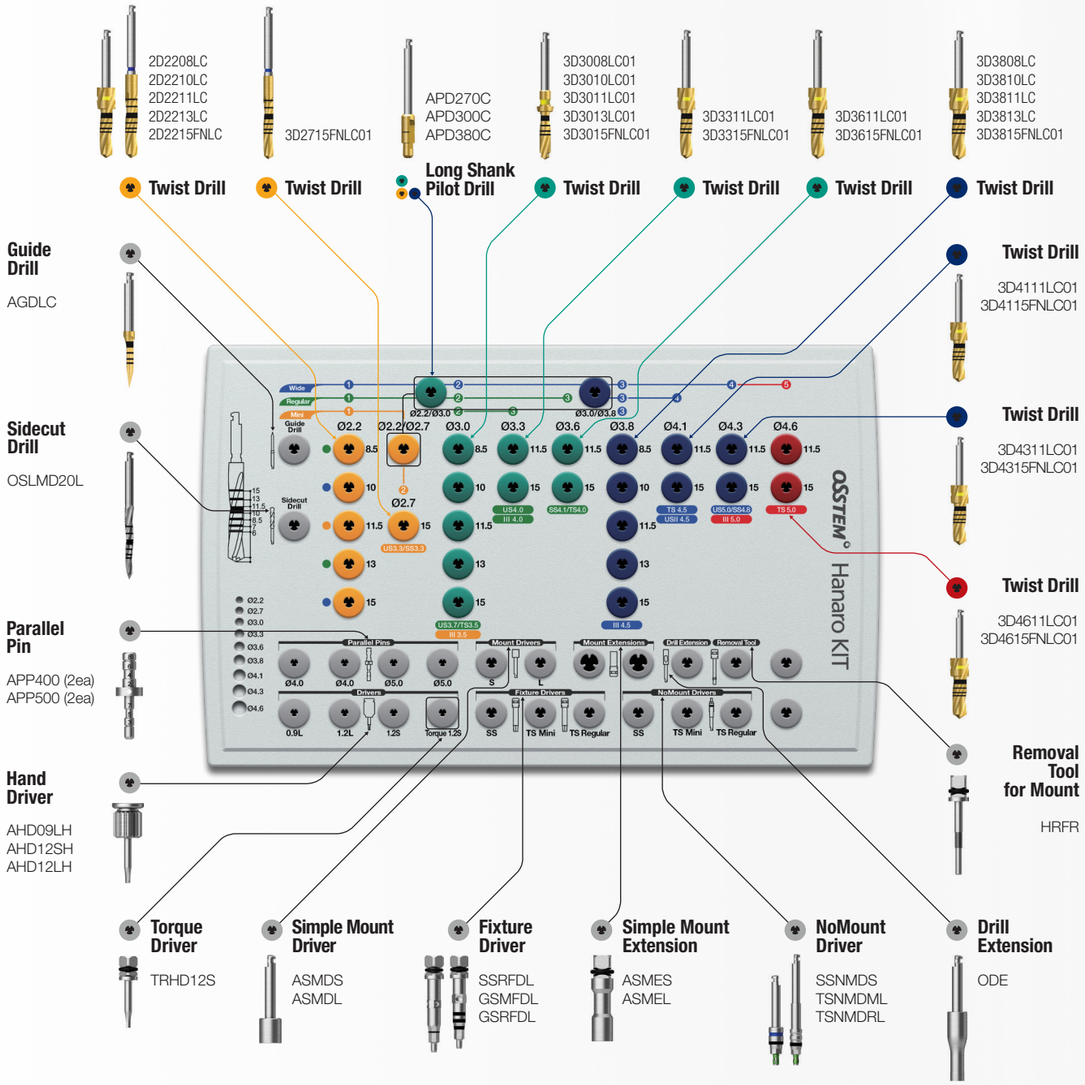


Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/4.6)	Twist Drill (Ø4.6/5.5)	Twist Drill (Ø5.5/6.2) (F7.0 Soft)	Twist Drill (Ø5.5/6.5)	Cortical Drill (F7.0)	Ø7.0 Implant
Soft	▶	▶	▶	▶	▶(6mm)			
Normal	▶	▶	▶	▶		▶(6mm)		Implant Placement
Hard	▶	▶	▶	▶		▶(6mm)	▶	

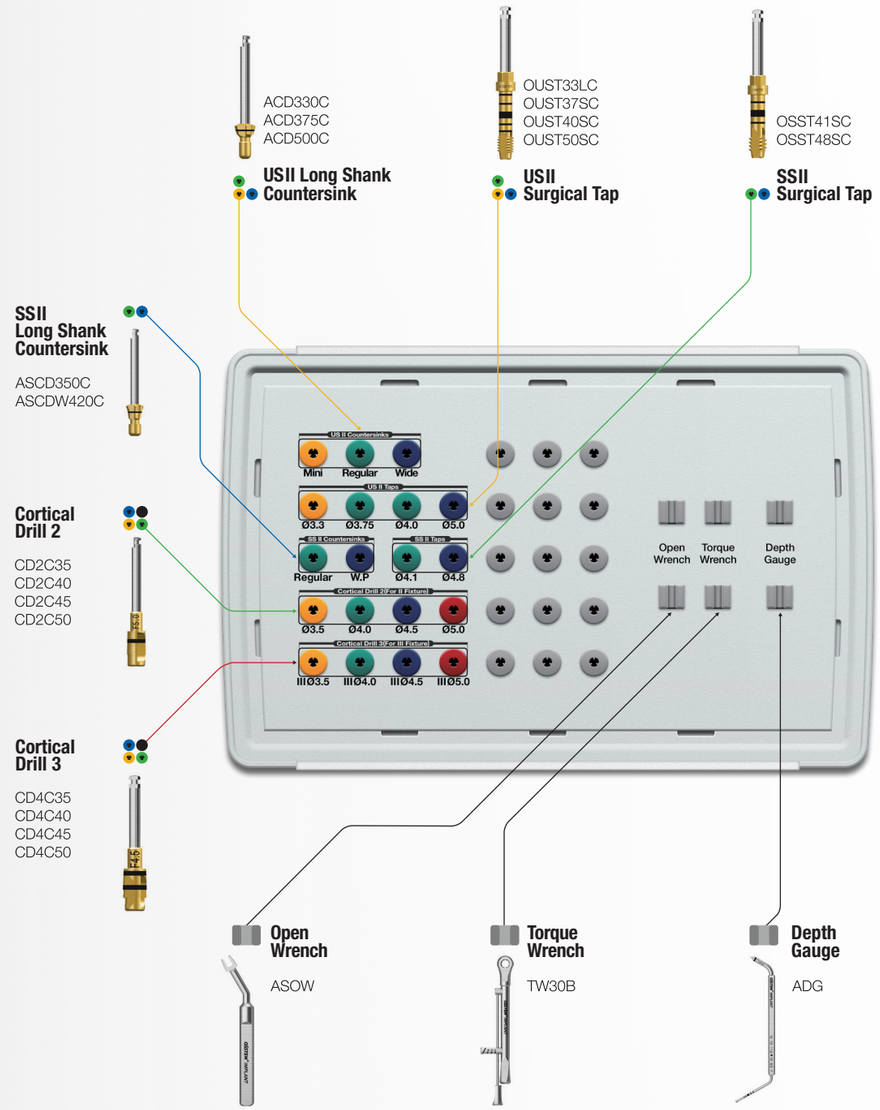
New Hanaro KIT (HKA2) 2013.03

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)

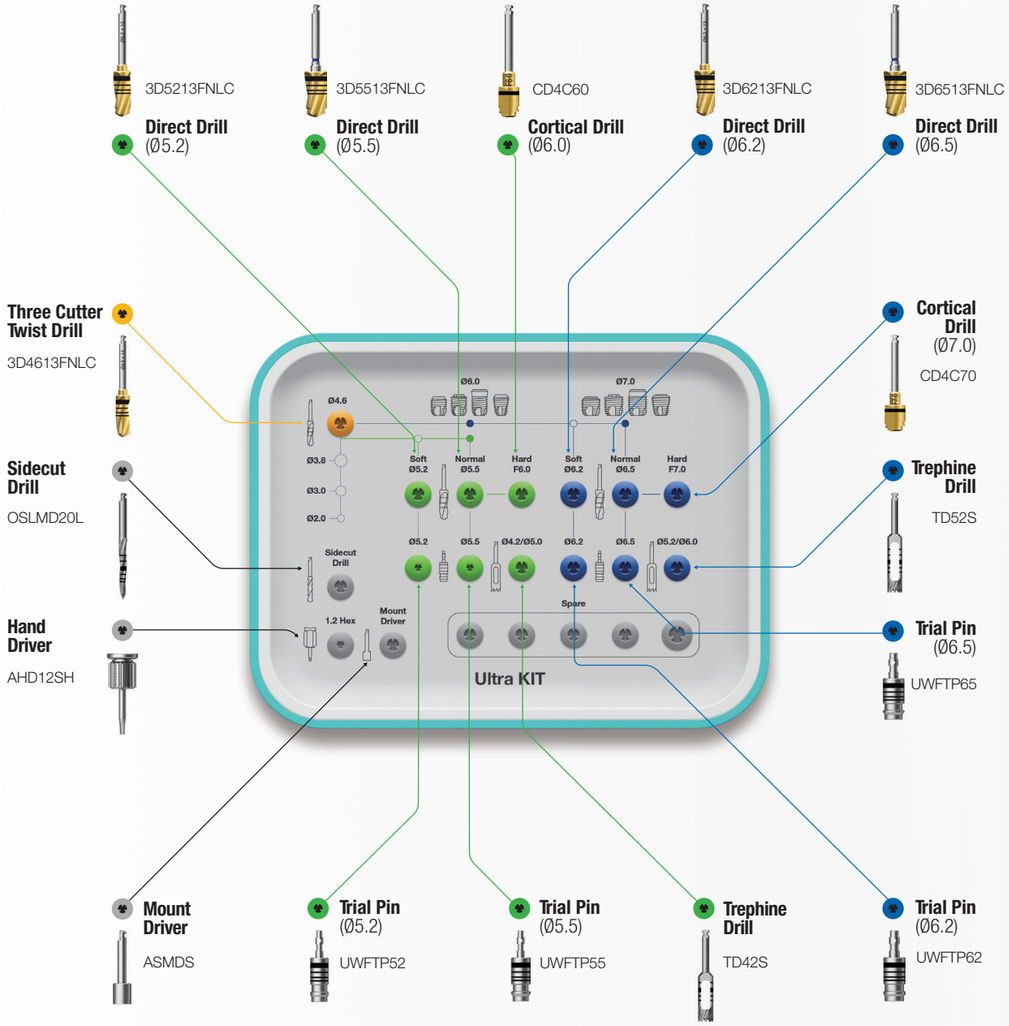
Ultra KIT (OUK) RENEWAL 2022

Applicable Products Ultra-wide

Top panel components

Open Wrench
ASOW

Ratchet Wrench
CITQW-1185A



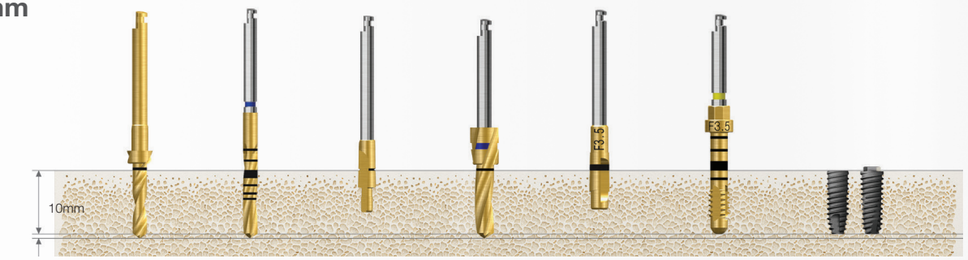
• More details on KIT components can be found in Surgical Instruments (390p~412p)

Drilling Sequence II Type **Straight Drill**

TSII | SSII | USII

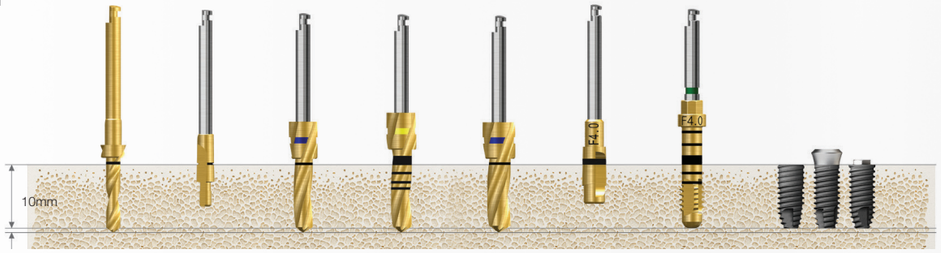
(Length : 10mm)

Ø3.5mm



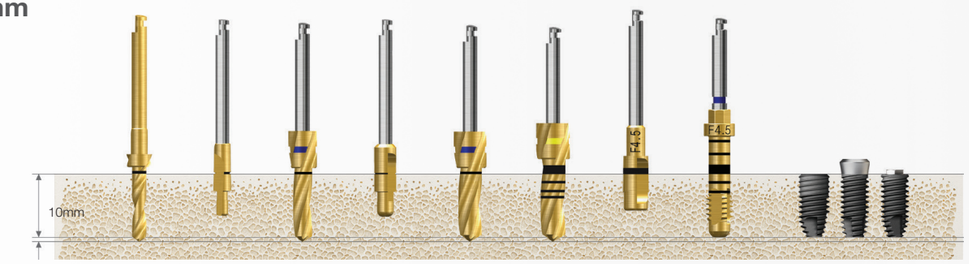
Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø2.7)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Cortical Drill (F3.5)	Straight Implant Tap (F3.5)	Ø3.5 Implant
Soft	▶	▶					Implant Placement
Normal	▶		▶	▶			
Hard	▶		▶	▶	▶		
Hard (Option)	▶		▶	▶		▶	

Ø4.0mm



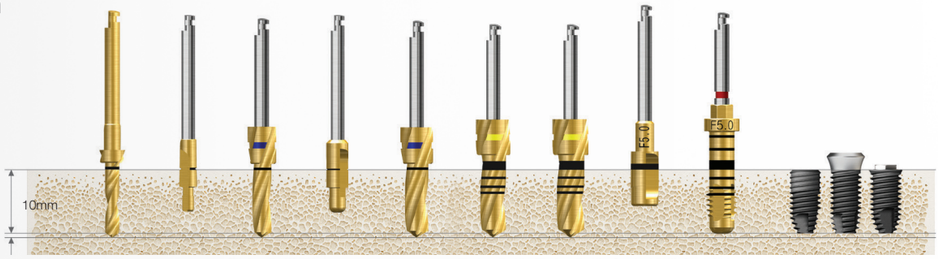
Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Twist Drill (Ø3.3)	Twist Drill (Ø3.8)	Cortical Drill (F4.0)	Straight Implant Tap (F4.0)	Ø4.0 Implant
Soft	▶	▶	▶	▶				Implant Placement
Normal	▶	▶	▶		▶			
Hard	▶	▶	▶		▶	▶		
Hard (Option)	▶	▶	▶		▶		▶	

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	▶	▶	▶	▶	▶				Implant Placement
Normal	▶	▶	▶	▶	▶	▶			
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	▶	▶	▶	▶	▶	▶				Implant Placement
Normal	▶	▶	▶	▶	▶		▶			
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

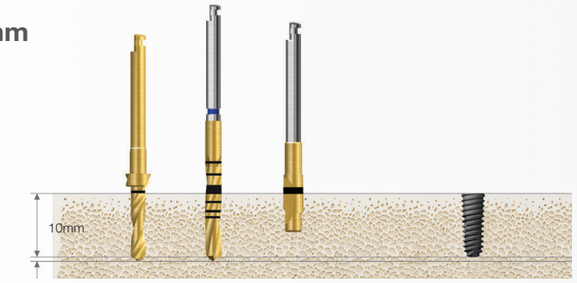
For implant tap used in hard bones, engine (25rpm recommended) is used or a torque wrench is used after assembling mount extension

Drilling Sequence III Type Straight Drill

TSIII | KSIII | SSIII | USIII

(Length : 10mm)

Ø3.0mm

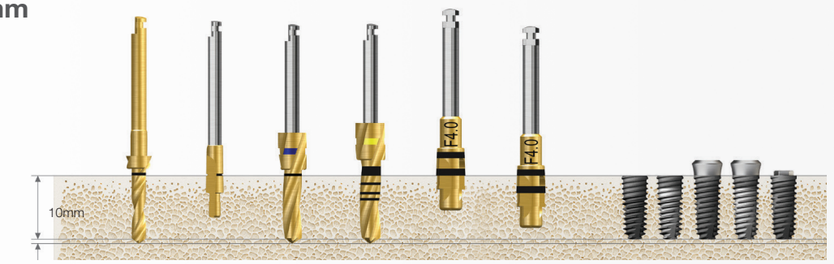


Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø2.7)	Cortical Drill 2 (F3.0)	Ø3.0 Implant
Soft	▶			Implant Placement
Normal	▶	▶		
Hard	▶	▶	▶	

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	▶	▶	▶			Implant Placement
Normal	▶	▶	▶	▶		
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	▶	▶	▶	▶			Implant Placement
Normal	▶	▶	▶	▶	▶		
Hard	▶	▶	▶	▶		▶	

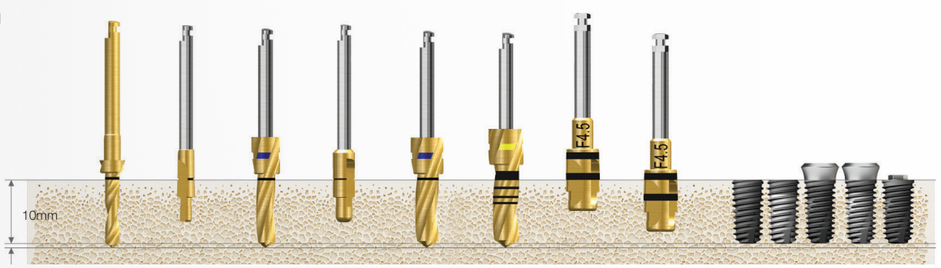
Recommended placement torque ≤ **40Ncm**

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

Ø4.5mm

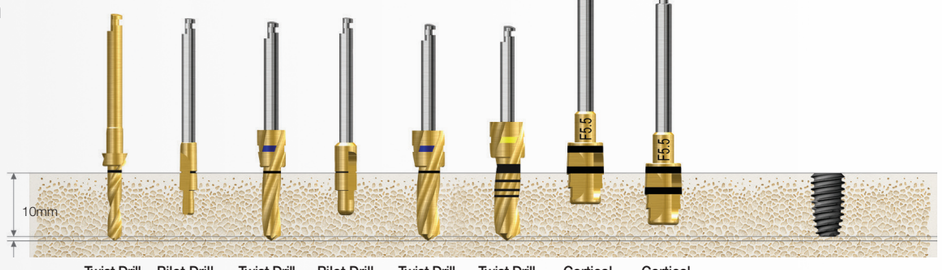
Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Cortical Drill 3 (F4.5)	Cortical Drill 3 (F4.5)	Ø4.5 Implant
Soft	▶	▶	▶	▶	▶			Implant Placement
Normal	▶	▶	▶	▶	▶	▶		
Hard	▶	▶	▶	▶	▶		▶	

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	▶	▶	▶	▶	▶				Implant Placement
Normal	▶	▶	▶	▶	▶	▶	▶		
Hard	▶	▶	▶	▶	▶	▶		▶	

Ø5.5mm



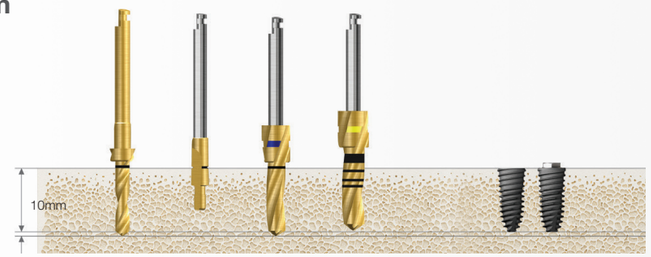
Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.6)	Cortical Drill 3 (F5.5)	Cortical Drill 3 (F5.5)	Ø5.5 Implant
Soft	▶	▶	▶	▶	▶	▶			Implant Placement
Normal	▶	▶	▶	▶	▶	▶	▶		
Hard	▶	▶	▶	▶	▶	▶		▶	

Drilling Sequence IV Type **Straight Drill**

TSIV | USIV

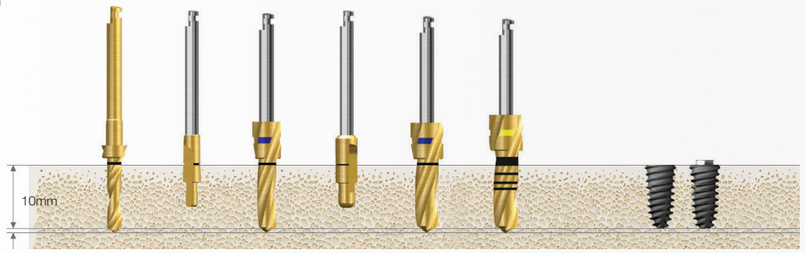
(Length : 10mm)

Ø4.0mm



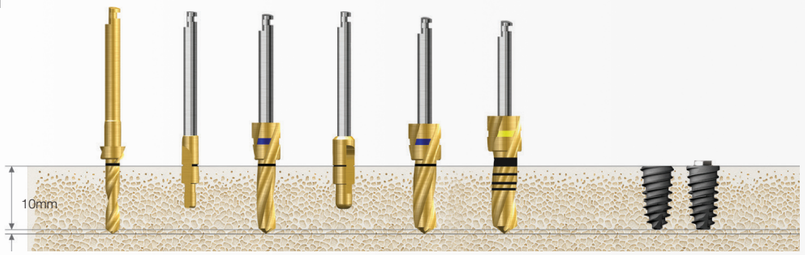
Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Twist Drill (Ø3.0 Half)	Ø4.0 Implant
D4	▶				Implant Placement
Soft	▶	▶	▶	▶	

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



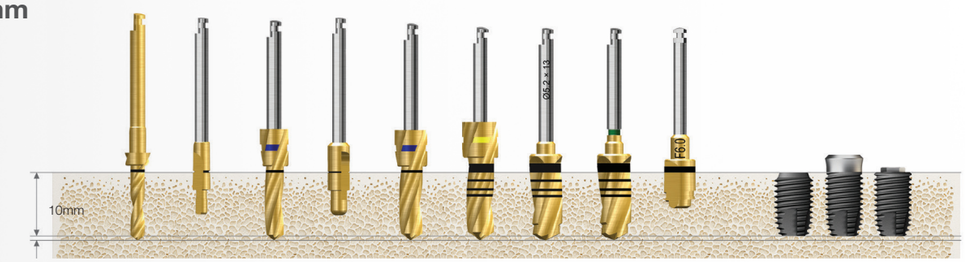
Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.6 Half)	Ø5.0 Implant
D4			▶				Implant Placement
Soft	▶	▶	▶	▶	▶	▶	

Drilling Sequence Ultra-wide **Straight Drill**

TSII Ultra-wide | SSII Ultra-wide | USII Ultra-wide

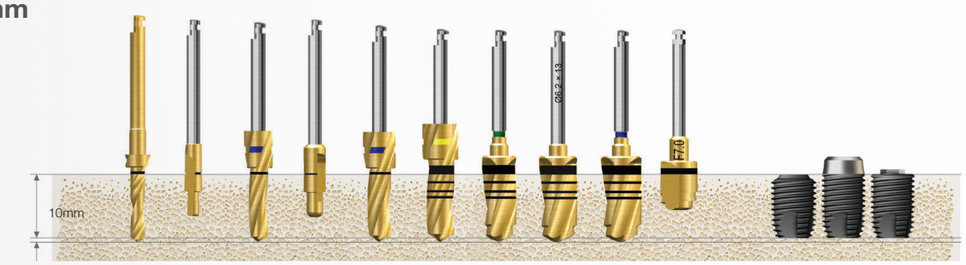
(Length : 10mm)

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

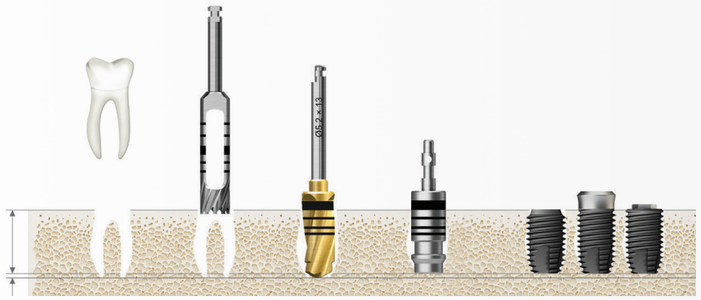
(Length : 10mm)

ø6.0mm

Drilling sequence with trephine in the healed mature bone

Bone Quality	Trephine Drill (Ø4.2/5.0)	Direct Drill (Ø4.6/5.2)	Direct Drill (Ø4.6/5.5)	Cortical Drill (F6.0)	Ø6.0 Implant
Soft	▶	▶			Implant Placement
Normal	▶		▶		
Hard	▶		▶	▶	

Immediate placement at the extraction socket



Trephine Drill (Ø4.2/5.0) | Direct Drill (Ø4.6/5.0) | Trial Pin (Ø5.5) | 6.0 Ultra-Wide Implant

Immediate replacement of the failed implant

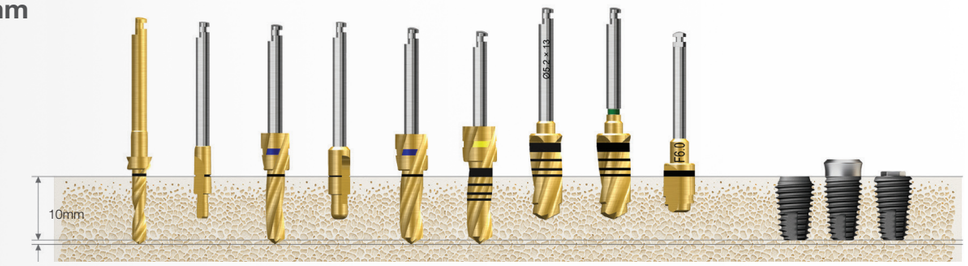
Ø4.0 Failed Implant | Trephine Drill (Ø4.2/Ø5.0) | Trial Pin (Ø5.5) | Direct Drill (Ø4.6/Ø5.5) | 6.0 Ultra-Wide Implant

Drilling Sequence Ultra-wide **Straight Drill**

TSIII Ultra-wide | KSIII Ultra-wide | SSIII Ultra-wide USIII Ultra-wide

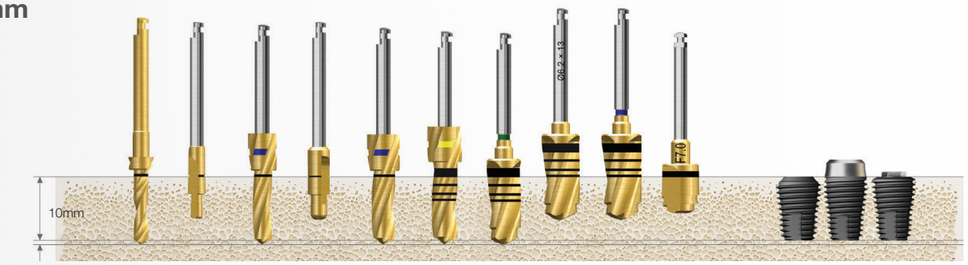
(Length : 10mm)

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)	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 (Ø3.0)	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**

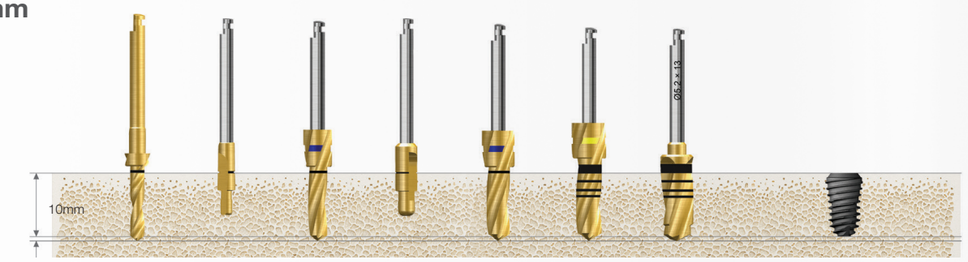
TS implant placement depth : For normal/hard bones, 1mm deeper than the bone level; for soft bones, matched to the bone level to maintain the stability

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	▶	▶		▶	▶	▶	▶	▶	

Recommended placement torque ≤ **40Ncm**

485 KIT (O485K) RENEWAL 2021

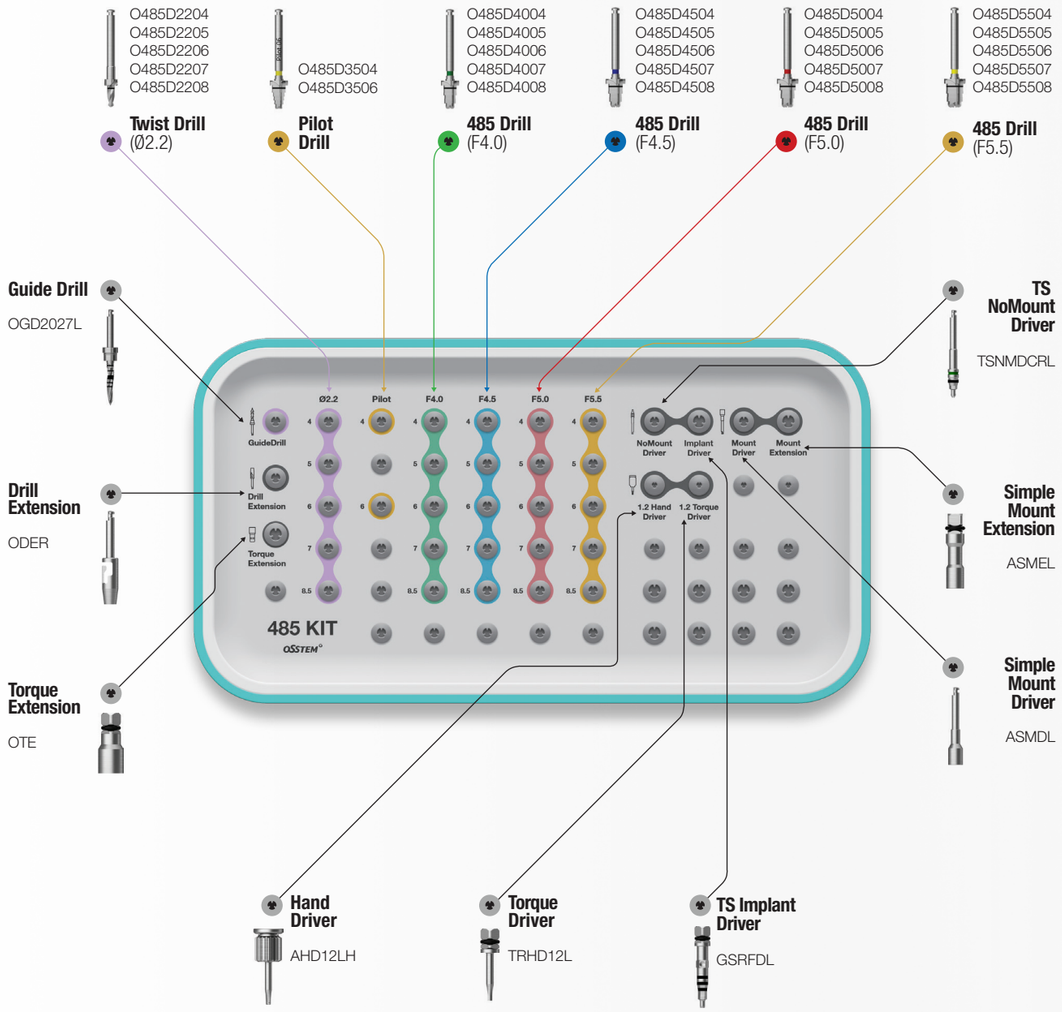
Applicable Products

TSIII KSIII SSIII USIII

Top panel components

Torque Wrench
TW30B

Depth Gauge
OSDG



• More details on KIT components can be found in Surgical Instruments (390p~412p)

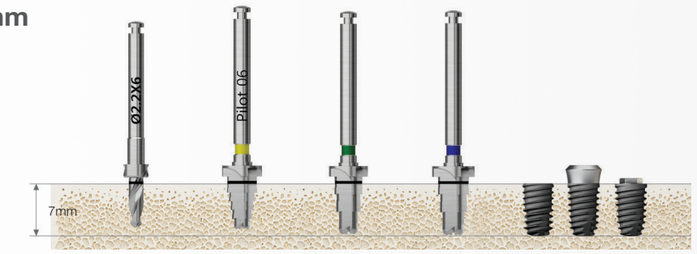
OSSTEM IMPLANT

Drilling Sequence **485 Drill**

TSIII | KSIII | SSIII | USIII

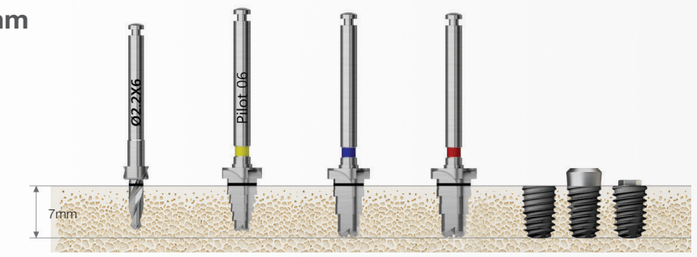
(Length : 7mm)

ø4.0mm



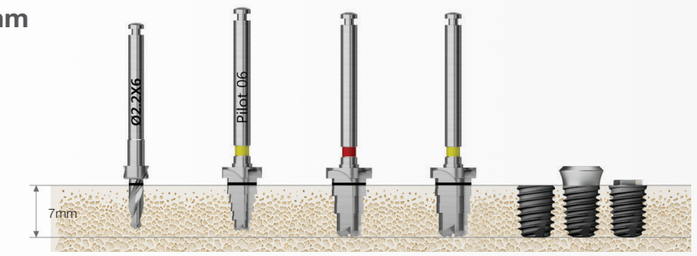
Bone Quality	Twist Drill (Ø2.2)	Pilot Drill	485 Drill (F4.0)	485 Drill (F4.5)	Ø4.0 Implant
Normal	▶	▶	▶		Implant Placement
Hard	▶	▶		▶	

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	▶	▶		▶	

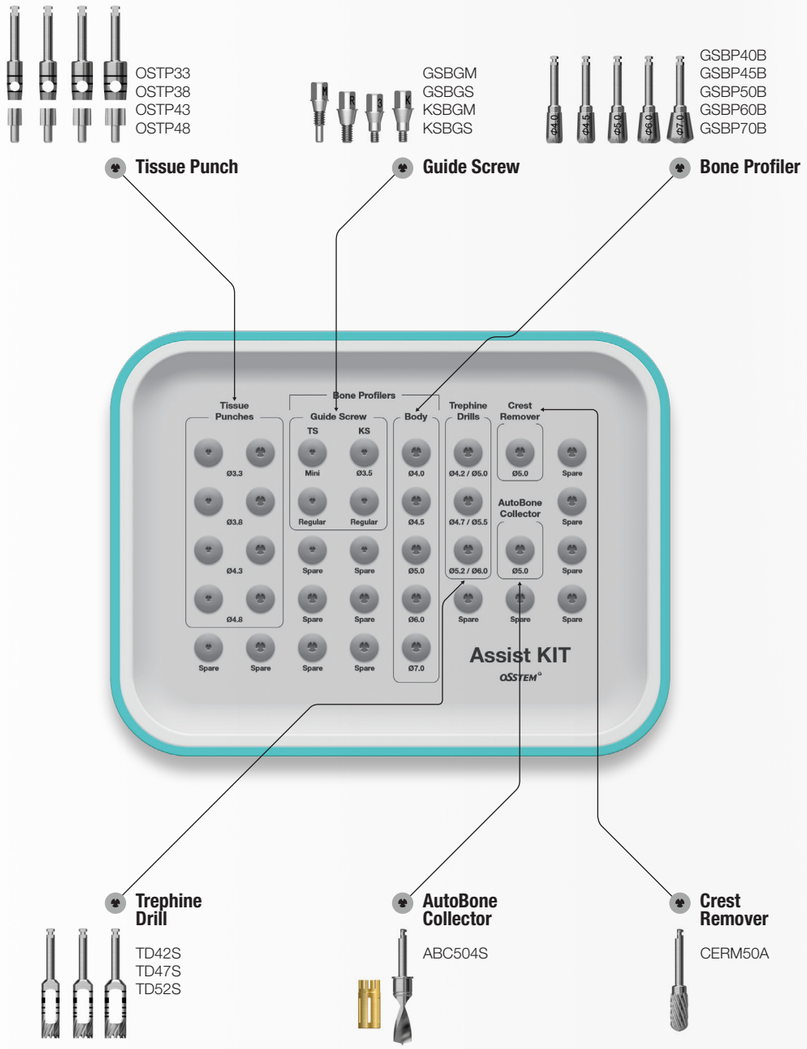
ø5.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill	485 Drill (F5.0)	485 Drill (F5.5)	ø 5.0 Implant
Normal	▶	▶	▶		Implant Placement
Hard	▶	▶		▶	

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



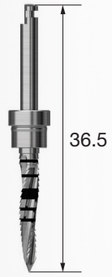
- More details on KIT components can be found in Surgical Instruments (390p~412p)

Surgical Instruments

123 Guide Drill

- A drill for forming a hole to facilitate initial drilling
- Facilitating drilling depth adjustment by assembling a stopper

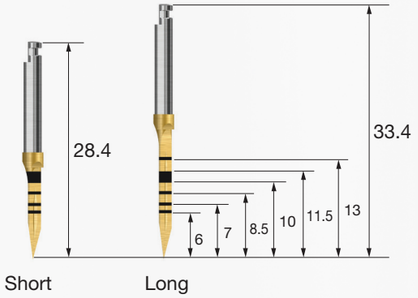
D	Ø2.0
	OGD2027L



Lance Drill (Guide Drill)

- Forming a hole to facilitate initial drilling
- Bone density determined through drilling

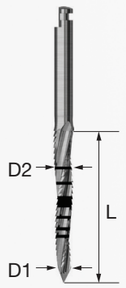
L	Short	Long
	AGDSC	AGDLC



Sidecut Drill

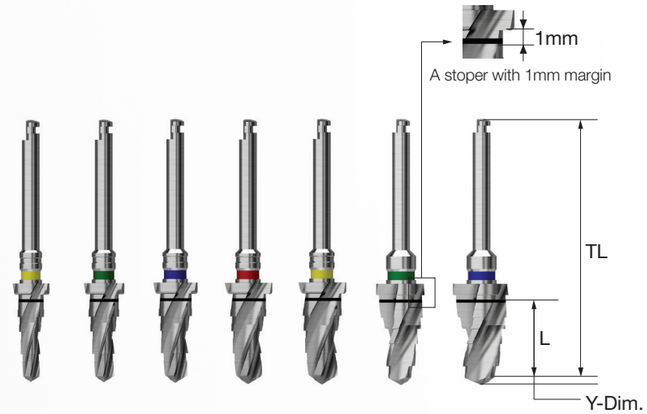
- A drill to remove the side parts with the cutting edge of the body
- Used for removing the ridge of a fresh extraction socket
- Facilitating site preparation of a fresh extraction socket

L	D1 / D2	Ø1.5 / 2.0	Ø2.0 / 2.5	Ø3.0 / 3.5
13		OSLM**DS**	OSLMD**20S**	-
16.5		-	-	OSLMD**30L**
20		OSLM**DL**	OSLMD**20L**	-



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

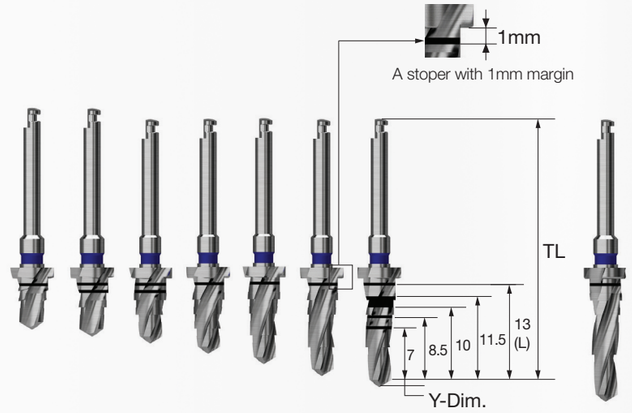


L	TL	F3.5	F4.0	F4.5	F5.0	F5.5	F6.0	F7.0
	Y-Dim.	0.7	0.9	1.0	1.0	1.0	1.0	1.0
4.0	29.5	122TPD**3504**	122TPD**4004**	122TPD**4504**	122TPD**5004**	122TPD**5504**	-	-
5.0	29.5	122TPD**3505**	122TPD**4005**	122TPD**4505**	122TPD**5005**	122TPD**5505**	-	-
6.0	30.5	122TPD**3506**	122TPD**4006**	122TPD**4506**	122TPD**5006**	122TPD**5506**	122TPD**6006**	122TPD**7006**
7.0	31.5	122TPD**3507**	122TPD**4007**	122TPD**4507**	122TPD**5007**	122TPD**5507**	122TPD**6007**	122TPD**7007**
8.5	33	122TPD**3508**	122TPD**4008**	122TPD**4508**	122TPD**5008**	122TPD**5508**	122TPD**6008**	122TPD**7008**
10	34.5	122TPD**3510**	122TPD**4010**	122TPD**4510**	122TPD**5010**	122TPD**5510**	122TPD**6010**	122TPD**7010**
11.5	34.5	122TPD**3511**	122TPD**4011**	122TPD**4511**	122TPD**5011**	122TPD**5511**	122TPD**6011**	122TPD**7011**
13	36	122TPD**3513**	122TPD**4013**	122TPD**4513**	122TPD**5013**	122TPD**5513**	122TPD**6013**	122TPD**7013**
15	38	122TPD**3515**	122TPD**4015**	122TPD**4515**	122TPD**5015**	122TPD**5515**	-	-
Color		Yellow	Green	Blue	Red	Yellow	Green	Blue

Surgical Instruments

Taper Drill

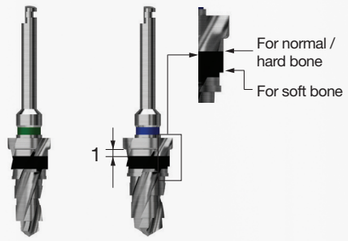
- Included in Taper KIT
- A dedicated taper drill for taper (III type) implants of each diameter and length
- A stopper drill with 1mm margin
- Color coded handle indicates the implant diameter
- F3.5: yellow, F4.0: green, F4.5: blue, F5.0: red, F5.5: yellow



L	TL	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	TPD3C**3505**	TPD3C**4005**	TPD3C**4505**	TPD3C**5005**	-
6.0	30.5	TPD3C**3506**	TPD3C**4006**	TPD3C**4506**	TPD3C**5006**	TPD3C**5506**
7.0	31.5	TPD3C**3507**	TPD3C**4007**	TPD3C**4507**	TPD3C**5007**	TPD3C**5507**
8.5	33	TPD3C**3508**	TPD3C**4008**	TPD3C**4508**	TPD3C**5008**	TPD3C**5508**
10	34.5	TPD3C**3510**	TPD3C**4010**	TPD3C**4510**	TPD3C**5010**	TPD3C**5510**
11.5	34.5	TPD3C**3511**	TPD3C**4011**	TPD3C**4511**	TPD3C**5011**	TPD3C**5511**
13	36	TPD3C**3513**	TPD3C**4013**	TPD3C**4513**	TPD3C**5013**	TPD3C**5513**
15	38	TPD3C**3515**	TPD3C**4015**	TPD3C**4515**	TPD3C**5015**	TPD3C**5515**
Color		Yellow	Green	Blue	Red	Yellow

Taper Ultra Drill 2013.09

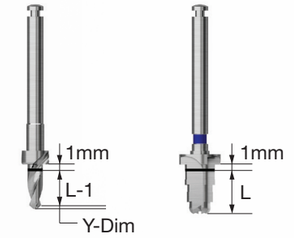
- Included in Taper Ultra KIT
- A dedicated taper drill for Taper Ultra-Wide implants of each diameter and length
- A stopper drill with 1mm margin
- Color coded handle indicates the implant diameter
- F = Final drill



L	F6.0	F7.0
6	TPD3C**6006**	TPD3C**7006**
7	TPD3C**6007**	TPD3C**7007**
8.5	TPD3C**6008**	TPD3C**7008**
10	TPD3C**6010**	TPD3C**7010**
11.5	TPD3C**6011**	TPD3C**7011**
13	TPD3C**6013**	TPD3C**7013**
Color	Green	Blue

485 Drill

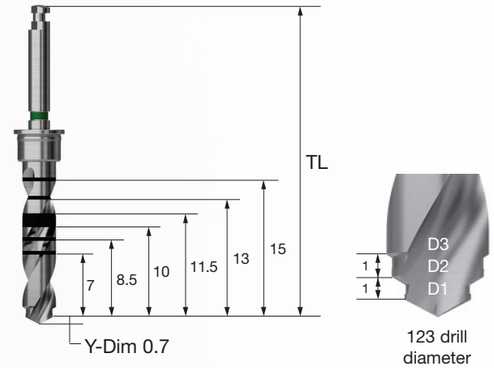
- Included in 485 KIT
- A drill for placing short implants in alveolar bone lacking in vertical dimension
- Ø 2.2 drill : straight drill
- Except for Ø 2.2 drill, the top blade of the drill is in the shape of CAS Drill, and the side blade is in the shape of taper drill
- A stopper drill with 1mm margin
- Recommended drilling speed: 800~1,200rpm



L \ Type	Ø2.2	Pilot	F4.0	F4.5	F5.0	F5.5
4.0	O485D**2204**	O485D**3504**	O485D**4004**	O485D**4504**	O485D**5004**	O485D**5504**
5.0	O485D**2205**	-	O485D**4005**	O485D**4505**	O485D**5005**	O485D**5505**
6.0	O485D**2206**	O485D**3506**	O485D**4006**	O485D**4506**	O485D**5006**	O485D**5506**
7.0	O485D**2207**	-	O485D**4007**	O485D**4507**	O485D**5007**	O485D**5507**
8.5	O485D**2208**	-	O485D**4008**	O485D**4508**	O485D**5008**	O485D**5508**

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

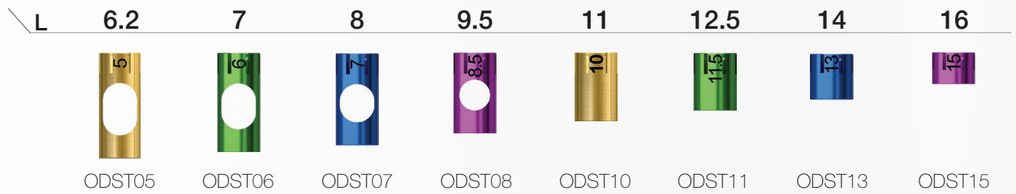


TL \ D1 / D2 / D3	F3.5(Ø2.2 / 3.0)	F4.0(Ø3.0 / 3.6)	F4.5(Ø3.0 / 3.6 / 4.1)	F5.0(Ø3.0 / 4.1 / 4.6)
34	2D2230FNS	2D3036FNS	2D3041FNS	2D3046FNS
40.4	2D2230FNL	2D3036FNL	2D3041FNL	2D3046FNL
Color	Yellow	Green	Blue	Red

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



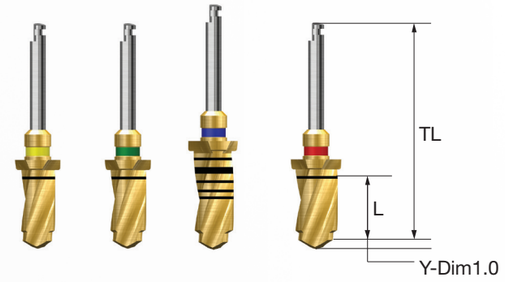
123 Twist Drill (Stopper Drill) 2013.06

- 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	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)
		D1 / D2 / D3			
6	30.5	2D223**06LC**	2D303**06LC**	2D304**06LC**	2D304**06LC**
7	31.5	2D223**07LC**	2D303**07LC**	2D304**07LC**	2D304**07LC**
8.5	33	2D223**08LC**	2D303**08LC**	2D304**08LC**	2D304**08LC**
10	34.5	2D223**10LC**	2D303**10LC**	2D304**10LC**	2D304**10LC**
11.5	34.5	2D223**11LC**	2D303**11LC**	2D304**11LC**	2D304**11LC**
13	36	2D223**13LC**	2D303**13LC**	2D304**13LC**	2D304**13LC**
15	38	2D223**15LC**	2D303**15LC**	2D304**15LC**	2D304**15LC**
Color		Yellow	Green	Blue	Red

123 Ultra Twist Drill

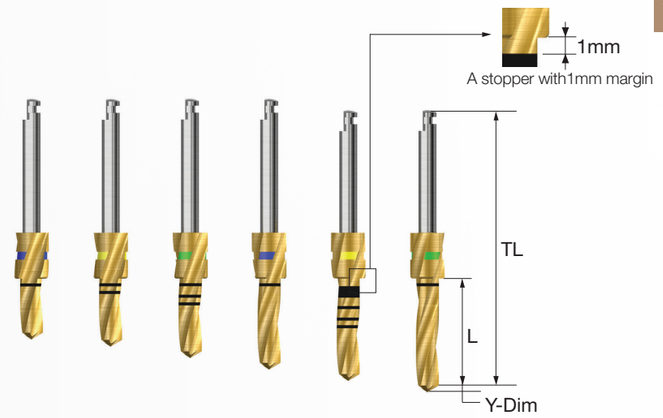
- Included in 123 Straight KIT/123 Straight Full KIT
- A 2-stage drill with functions of both Pilot Drill and Twist Drill
- A straight drill to reduce the number of drilling (with stopper)
- A dedicated drill is used for F7.0 implant in soft bone
- F = Final drill



L	TL	F3.5 (Ø4.6 / 5.2)	F6.0 (Ø4.6 / 5.5)	F7.0 Soft (Ø5.5 / 6.2)	F7.0 (Ø5.5 / 6.5)
6	30.5	3D4652**06T**	3D4655**06T**	-	3D5565**06T**
7	31.5	3D4652**07T**	3D4655**07T**	-	3D5565**07T**
8.5	33.5	3D4652**08T**	3D4655**08T**	-	3D5565**08T**
10	34.5	3D4652**10T**	3D4655**10T**	-	3D5565**10T**
11.5	34.5	3D4652**11T**	3D4655**11T**	-	3D5565**11T**
13	36.0	3D4652**13T**	3D4655**13T**	3D5562**13T**	3D5565**13T**
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.

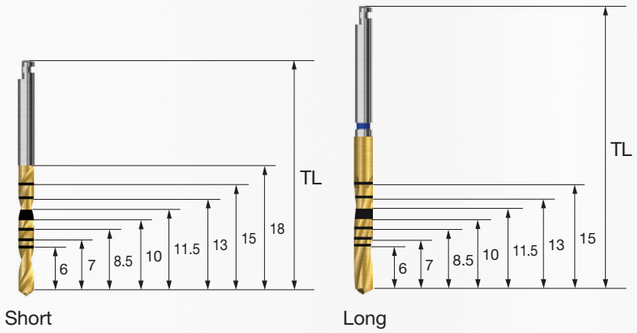


L	TL	D	Ø2.2	Ø3.0	Ø3.3	Ø3.6	Ø3.8	Ø4.1	Ø4.3	Ø4.6
	Y-Dim		0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0
6	30.5		2D22**06LC**	3D30**06LC**	-	-	3D38**06LC**	-	-	-
7	31.5		2D22**07LC01**	3D30**07LC01**	-	-	3D38**07LC01**	-	-	-
8.5	33		2D22**08LC01**	3D30**08LC01**	-	-	3D38**08LC01**	-	-	-
10	34.5		2D22**10LC01**	3D30**10LC01**	-	-	3D38**10LC01**	-	-	-
11.5	34.5		2D22**11LC01**	3D30**11LC01**	3D33**11LC01**	3D36**11LC01**	3D38**11LC01**	3D41**11LC01**	3D43**11LC01**	3D46**11LC01**
13	36		2D22**13LC01**	3D30**13LC01**	-	-	3D38**13LC01**	-	-	-

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

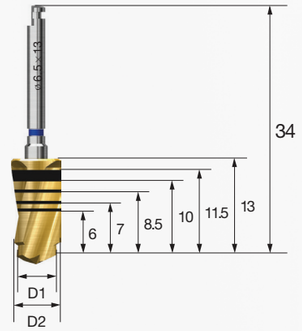


TL \ D	Ø1.5	Ø2.0	Ø2.2	Ø2.7	Ø3.0	Ø3.3
33	2D1518FNLC	2D2018FNLC	2D2218FNLC	3D2718FNLC	3D3018FNLC	3D3318FNLC
41	-	-	2D2215FNLC01	3D2715FNLC01	3D3015FNLC01	3D3315FNLC01

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

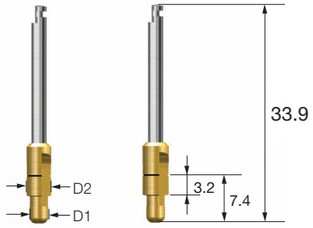
- Included in Ultra KIT
- A 2-stage drill with functions of both Pilot Drill and Twist Drill
- Enabling final drilling without pilot drilling
- Increased primary stability in a fresh extraction socket with reduced dead space in the apex



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

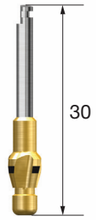
- Included in New Hanaro KIT
- Used for adjusting the path of the drilling hole
- Maintains the previous drilling path for the next drilling



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)

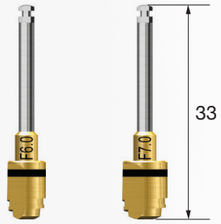
- Included in Taper KIT
- A drill used for removing cortical bone from hard bone (used right after the use of Taper Drill)
- A dedicated drill equipped for each implant diameter
- F3.5~5.0 drill marking line : bottom line for placing implants of 8.5mm or smaller, and top line for implants of 10mm or 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

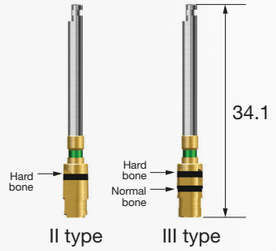
- Included in Ultra KIT, 122 Taper / Taper KIT (for ultra-wide)
- A drill used for removing cortical bone from hard bone (for ultra-wide)
- A dedicated drill equipped for each implant diameter
- Drilling up to the lower marking line recommended
- F = Final drill



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	O2CD**35**	O2CD**40**	O2CD**45**	O2CD**50**
III	O3CD**35**	O3CD**40**	O3CD**45**	O3CD**50**
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

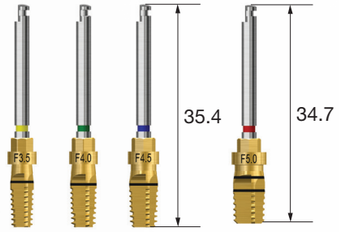
Cortical Drill 3 (Taper Implant TSIII, SSIII, USIII, KSIII) 2014.08

- 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

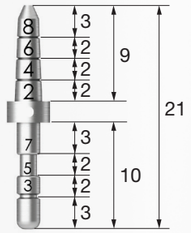
F3.5	F4.0	F4.5	F5.0
O2FTS35	O2FTS40	O2FTS45	O2FTS50

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

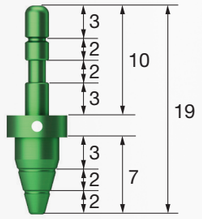
APP2227



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)

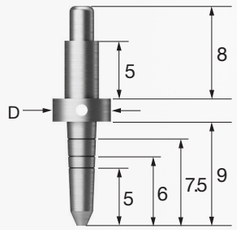
F3.5	F4.0	F4.5	F5.0
TPP3522	TPP4022	TPP4522	TPP5022



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

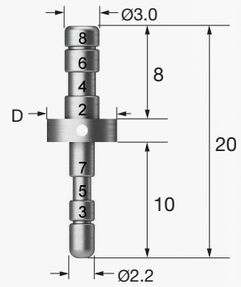
D	Ø4.0	Ø5.0
	OPLP400	OPLP500



Parallel Pin 2013.01

- Included in New Hanaro KIT
- Used for checking the position and direction of bone preparation

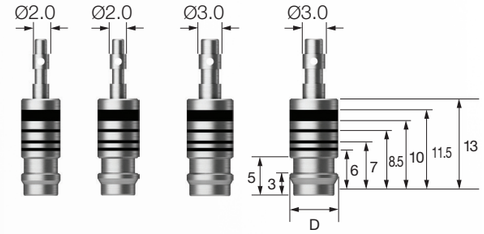
D	Ø4.0	Ø5.0	Ø6.0	Full Set
	APP400	APP500	APP600	APPS



Trial Pin (Ultra-wide) 2009.01

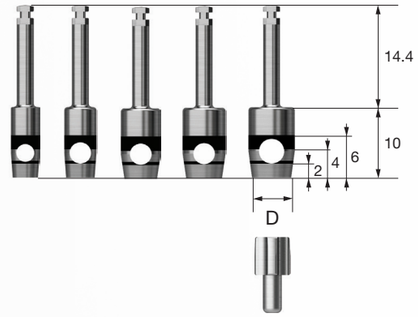
- 123 straight full kit, Included in Ultra KIT
- Checking the internal width and depth of a fresh extraction socket or a failed implant socket
- Checking the drilling depth after using Direct Drill as the final drill
- Used as Parallel Pin

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

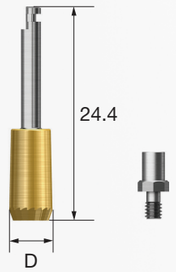
Bone Profiler (TS/KS) RENEWAL 2020.11

- 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

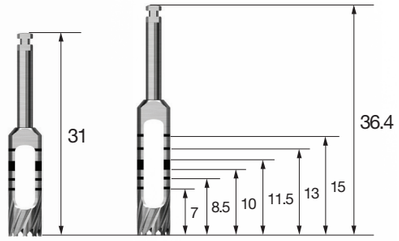
- Used for removing bone around the cover screw for the 2nd stage surgery
- Used by connecting Guide Screw to the implant after removing Cover Screw to compensate the angle of the Healing Abutment
- Guide Screw protecting the implant hex
- Packing unit : bone profiler + guide screw
- P = Platform



D \ P	Mini	Regular	Wide	T-type
Ø4.0	ABPM**400C**	-	-	-
Ø5.0	ABPM**500C**	ABPR**500C**	-	-
Ø6.0	-	ABPR**600C**	ABPW**600C**	TBPW**600C**
Ø7.0	-	-	ABPW**700C**	-

Trephine Drill 2009.01

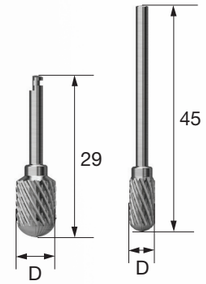
- Included in Assist KIT
- Used for bone collection or for removing damaged or failed implants
- Used for removing septal bone
- Used as an Initial Drill for Ultra-wide implants
- Recommended drilling speed: 1,000~1,200rpm



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

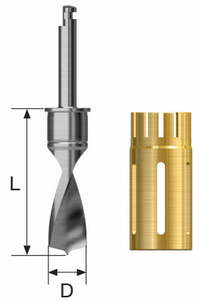


L \ D	Ø5.0	Ø7.0
29	CERM50A	CERM70A
45	CERM50S	-

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)



Drill

L \ D	Ø3.0	Ø4.0	Ø5.0	Ø6.0
Short (18.94)	ABC**304S**	ABC**404S**	ABC**504S**	ABC**604S**
Long (21.94)	ABC**304L**	ABC**404L**	ABC**504L**	ABC**604L**

Surgical Instruments

Drill Extension NEW 2021.09

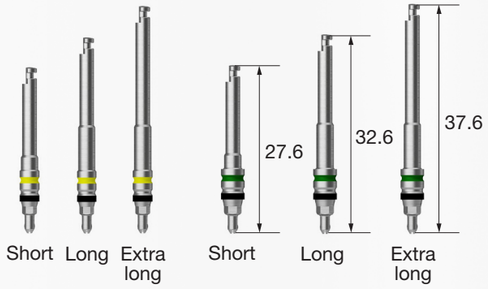
- Extending the length of a drill or other hand piece tools (drill extended by 15mm)
- Risk of bending or fracture upon exerting excessive force on inadequate assembly
- A common component for 122 Taper KIT, Taper KIT, and Straight KIT

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

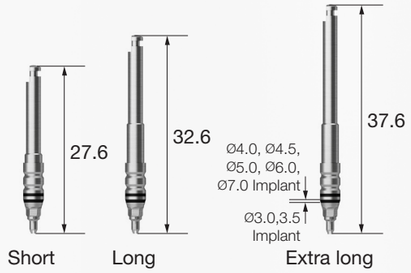
L \ C	Mini	Regular
Short	TSNMDCMS	TSNMDCRS
Long	TSNMDCML	TSNMDCRL
Ex.Long	TSNMDCME	TSNMDCRE



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

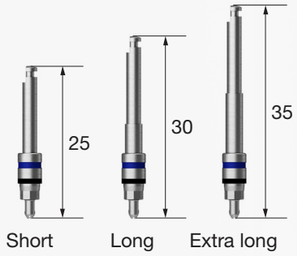
L \ C	Regular
Short	KSNMDCRS
Long	KSNMDCRL
Ex.Long	KSNMDCRE



SS NoMount Driver NEW 2021.12

- Driver directly connected to the implant upon placing with a surgical hand piece
- C = Connection

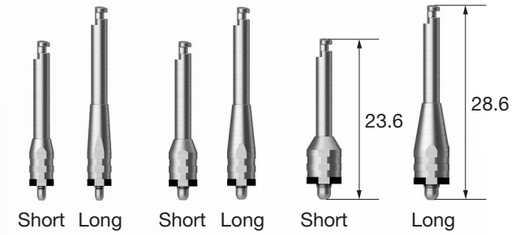
L \ C	Regular / Wide
Short	SSNMDCS
Long	SSNMDCL
Ex.Long	SSNMDCE



US NoMount Driver 2009.12

- Driver directly connected to the implant upon placing with a surgical hand piece
- C = Connection

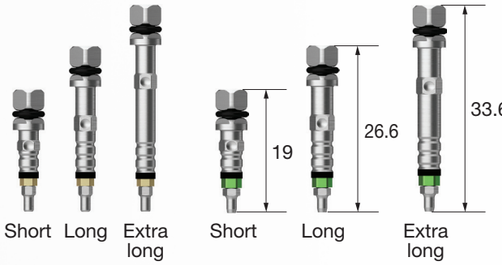
L \ C	Mini	Regular	Wide
Short	USNMD35MS	USNMD41RS	USNMD51WS
Long	USNMD35ML	USNMD41RL	USNMD51WL



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

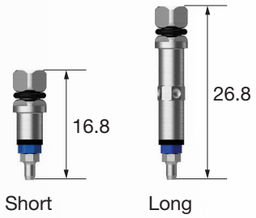
L \ C	Mini	Regular
Short	GSNMT32S	GSNMT35S
Long	GSNMT32L	GSNMT35L
Ex.Long	GSNMT32E	GSNMT35E



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

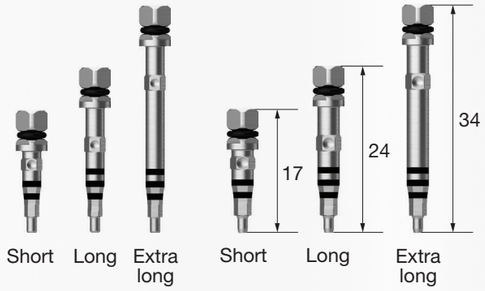


Surgical Instruments

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

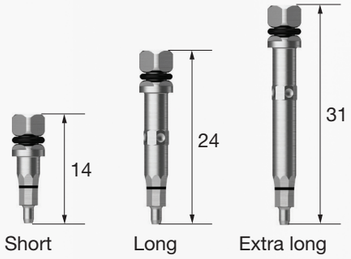
- Used by assembling directly to the implant for final placement depth adjustment or removal
- C= Connection

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

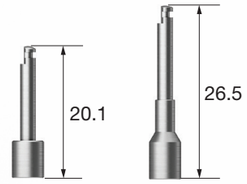
- Used by assembling directly to the implant for final placement depth adjustment or removal
- C= Connection

C	Mini	Regular	Wide
	USMFDL	USRFDL	USWFDL

Simple Mount Driver 2009.01

- Used by assembling to the simple mount for implant placement

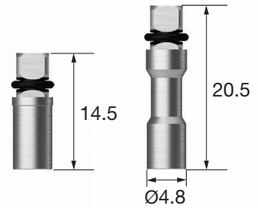
L	
Short	ASMDS
Long	ASMDL



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)

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 forwarding after inserting vertically
- App = Application

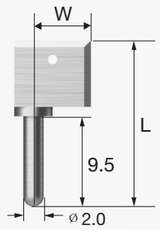
App	Mini (TS,US)	Regular (TS,SS,US) / Wide (SS)	Wide (US)
	ERFM	HRFR	ERFW

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

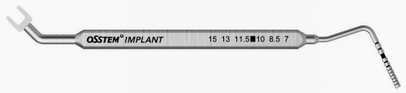
- Instrument to measure the gingival height by assembling to the implant connection for top G/H selection in TS implant placement

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 neak angle of 30°

ASOW

Ratchet Wrench 2009.01

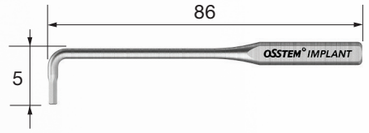
- A dedicated wrench for anti-reverse procedure
- Excessive torque exertion may result in internal damage to bone or implant

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

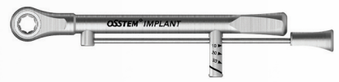
- Wrench to apply a constant torque (10/20/30Ncm) to screws and abutments
- When the set torque is applied, the neck of the Torque Wrench is bent for indication
- If a continuous force is applied while the neck is bent, it will cause application of excessive torque, resulting in screw fracture.

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

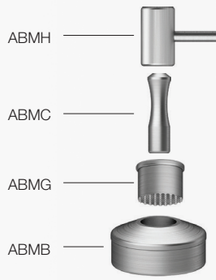
- A set of a two-way Torque Wrench and a Torque Connector
  - Applying forward/reverse torque by rotating the Torque Wrench handle without removing the connector
- Compatible with the Machine Driver connector of OSSTEM
- Applying torque according to the line marked with the torque value to be applied 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

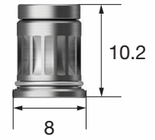
- Manual instrument used by connecting to the contra-angle hand piece (1:1 gear ratio for hand piece)
- Used for tightening screws such as Healing Abutment, Cover Screw, Abutment Screw, and Orthodontic Screw (used for temporary tightening of Abutment Screw, which requires final tightening with a Torque 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

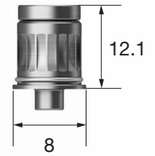
ORC



Machine Driver Connector

- Connector for connecting the Machine Driver with a two-way Torque Wrench

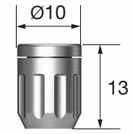
OMDC



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

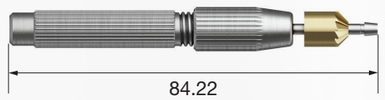
OMDH

Surgical Instruments

Finishing Reamer Set

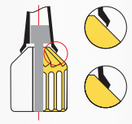
- Used for removing lip from the inside of the casted body after casting plastic coping

FRSC

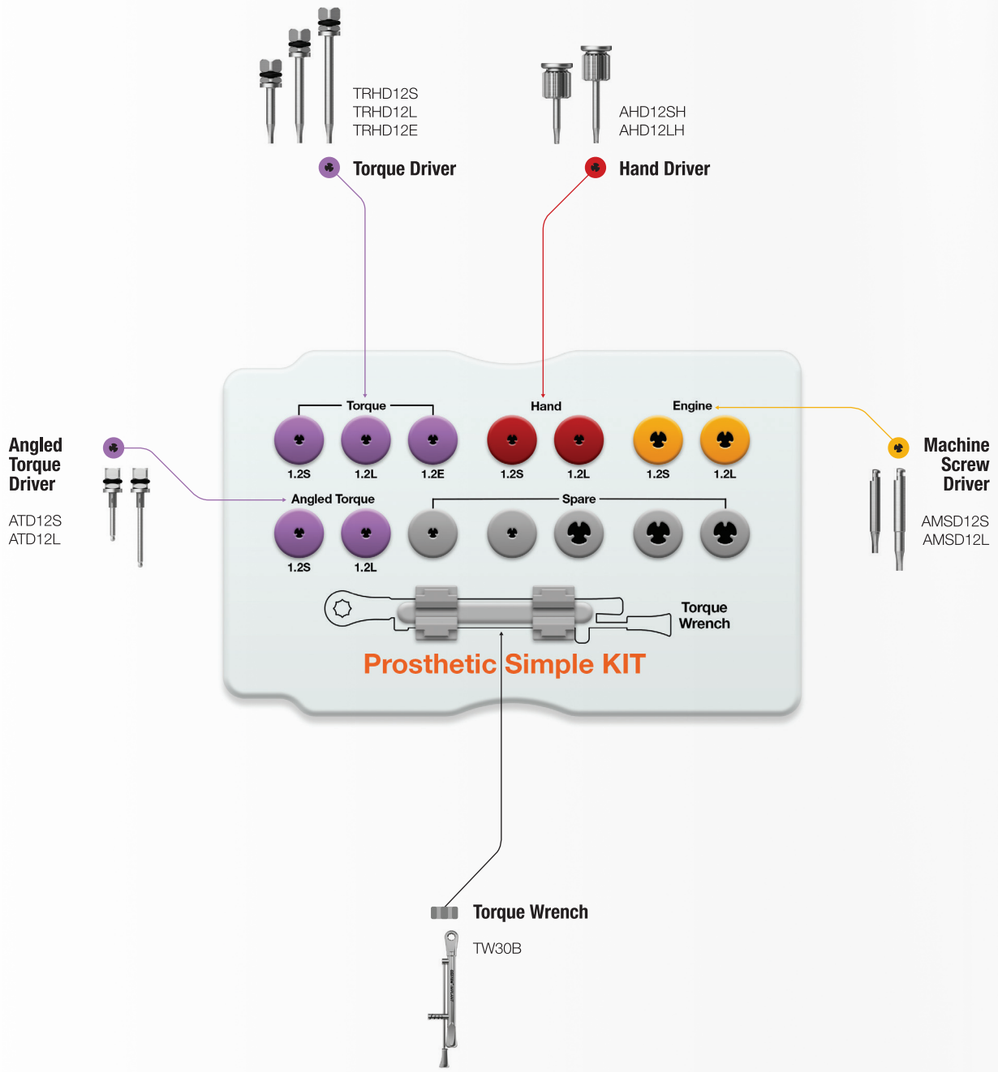


Reamer user guide

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



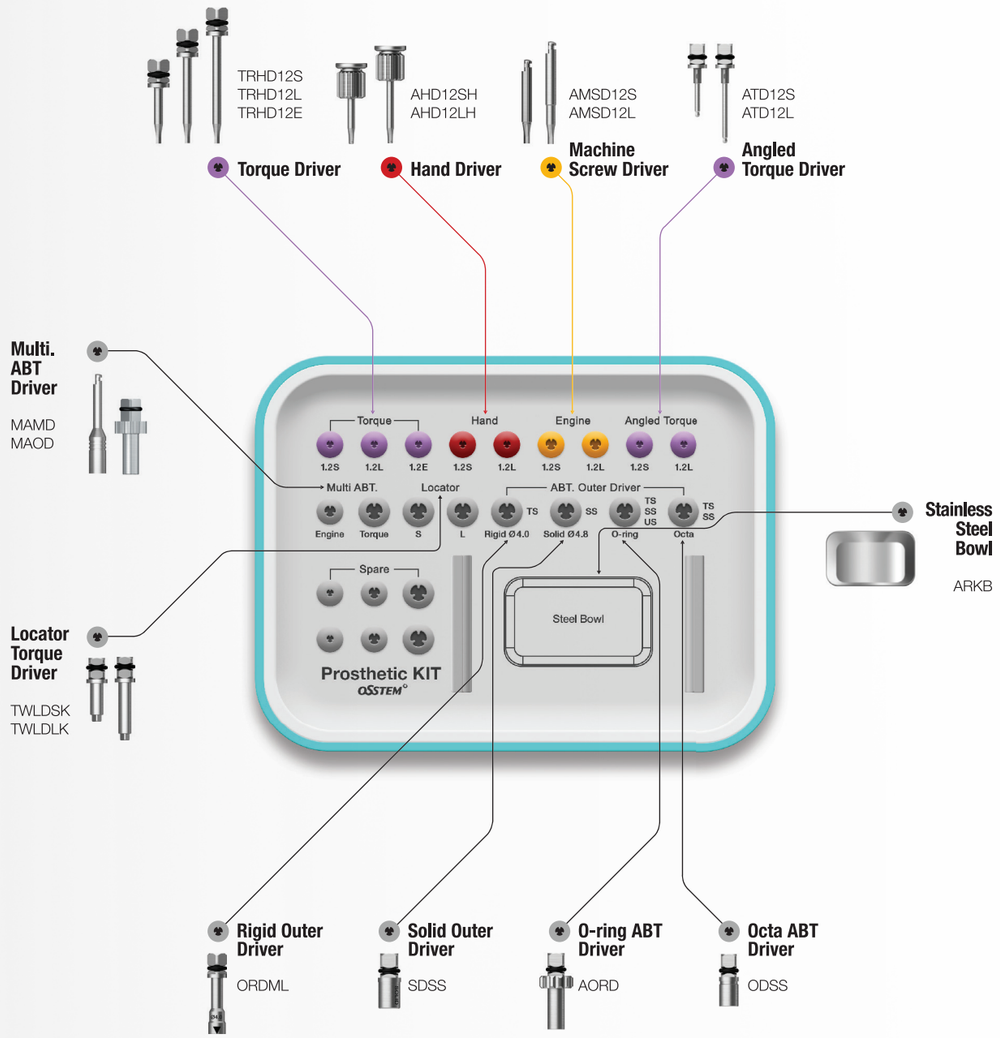
Prosthetic Simple KIT (OPSK) 2017.02



Prosthetic KIT (OPK) 2018.05

Top panel components

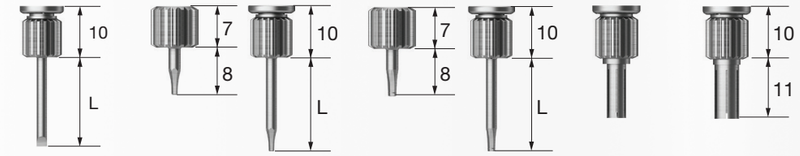
Torque Wrench
TW30B



Prosthetic KIT Surgical Instruments

Hand Driver

- Manual driver
- Tip holding feature (except internal hex type)
- Internal hex type length:11

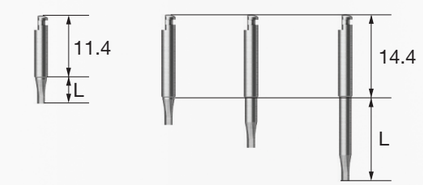


0.5 slot | 0.9 hex | 1.2 hex | 2.0 int.hex | 2.7 int.hex

L \ Type	0.5 Slot	0.9 Hex	1.2 Hex	2.0 Int.Hex	2.7 Int.Hex
Ex.Short (8)	-	AHD**09MSH**	AHD**12MSH**	-	-
Short (13)	ASD**05SH**	AHD**09SH**	AHD**12SH**	IHD**20H**	IHD**27H**
Middle (15)	-	-	AHD**12MH**	-	-
Long (18)	ASD**05LH**	AHD**09LH**	AHD**12LH**	-	-
Ex.Long (25)	-	-	AHD**12EH**	-	-

Machine Screw Driver

- Driver for engine
- Tip holding feature (except internal hex type)
- Internal hex type length : 8



Osstem torque | Short | Long | Extra long

L \ Type	0.5 Slot	0.9 Hex	1.2 Hex	2.0 Int.Hex	2.7 Int.Hex
Osstem Torque (5)	-	-	OTH**12S**	-	-
Short (5.6)	AMSD**05S**	AMSD**09S**	AMSD**12S**	-	-
Long (11.6)	AMSD**05L**	AMSD**09L**	AMSD**12L**	EIHD**20**	EIHD**27**
Ex.Long (17.6)	-	-	AMSD**12E**	-	-

Application

For driver applications
(Commonly used for Hand, Machine Screw, and Torque Drivers)

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

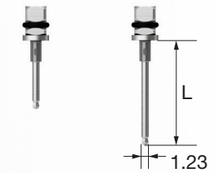
- A driver for Torque Wrench assembly
- Tip holding feature
- Compliance to the recommended torque is required(excessive torque may result in fracture)
- Risk of fracture even at low torque in case of inadequate assembly
- Exerting torque with the driver straight up is required (with no tilting)
- Be sure to replace any bent tips due to extended use or excessive torque application

Short | Long | Extra long

L \ Type	0.5 Slot	0.9 Hex	1.2 Hex	2.0 Int.Hex	2.7 Int.Hex
Ex.Short (8)	-	-	TRHD**12MS**	-	-
Short (13)	TRSD**05S**	TRHD**09S**	TRHD**12S**	TIHD**20S**	-
Middle (15)	-	-	TRHD**12M**	-	-
Long (20)	TRSD**05L**	TRHD**09L**	TRHD**12L**	TIHD**20L**	TIHD**27**
Ex.Long (25)	TRSD**05E**	-	TRHD**12E**	-	-

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

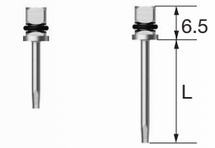


Short | Long

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 SCRP procedure



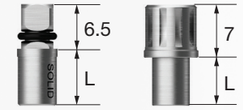
Short | Long

L \ Type	1.2 Hex
Short (13)	TRHD12SR
Long (20)	TRHD12LR

Prosthetic KIT Surgical Instruments

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



Square Round

Regular

L \ Type	Square	Round
Short (6)	SDSS	SDRS
Long (12)	SDSL	SDRL

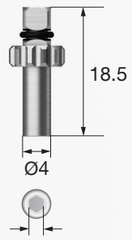
Wide

L \ Type	Square
Short (10)	SD60S

O-ring Abutment Driver

- A dedicated driver for O-ring Abutment

	Small	Normal
	STAOD	AORD



Small : 2.25 / Normal : 2.4

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

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

Square Round

Regular

L \ Type	Square	Round
Short (6)	ESDSS	ESDRS
Long (12)	ESDSL	ESDRL

Wide

L \ Type	Square
Short (10)	ESD60S

Octa Abutment Driver

- A dedicated driver for Octa Abutment
- Recommended tightening torque: 30Ncm

L \ Type	Square	Round
Short	ODSS	ODRS
Long	ODSL	ODRL

Prosthetic KIT Surgical Instruments

Multi Abutment Machine Driver

- A dedicated Machine Driver for Multi Abutment

MAMD

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

OABH

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				
H + G/H	≤9					≥10				
	5	6	7	8	9	10	11	12	13	14

Short	Long
OAPDS	OAPDL

Short Long

Multi Abutment Outer Driver

- A dedicated Torque Driver for Multi Abutment

MAOD

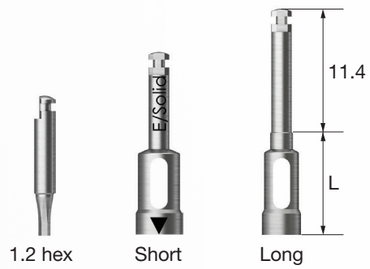
Locator® Torque Driver

- A dedicated Torque Driver for Locator Abutment

Type	Short	Long
	TWLD**SK**	TWLD**LK**

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



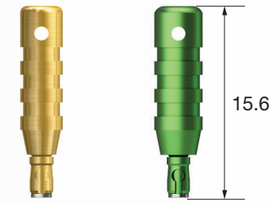
1.2 hex Short Long

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

C	Mini	Regular
	GIPAP-3016A	GIPAP-3516A



Path Probe (KS) NEW 2019.11

- Checking the path and measuring the gingival height after KS Implant placement
- C = Connection

C	Mini	Regular
	-	KSPPR

Prosthetic KIT Surgical Instruments

Reamer Bite

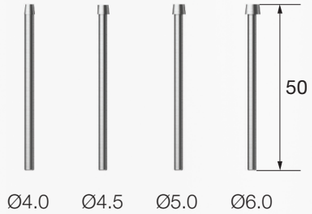
- Cutting edge to remove lip from the inside of the casted body after casting plastic coping

FRBC

Reamer Tip (Rigid Abutment)

- Guide part inserted into the casted body for removing lip from the inside after casting plastic coping (for Rigid Abutment)

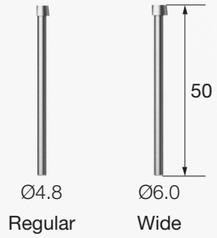
D	Ø4.0	Ø4.5	Ø5.0	Ø6.0
	GSRFRT400	GSRFRT450	GSRFRT500	GSRFRT600



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

P	Regular(Ø4.8)	Wide(Ø6.0)
Solid	FRTS480	FRTS600
Ex.Solid	FRTE480	FRTE600



CAS KIT (OCRSNK) RENEWAL 2021

Applicable Products

TSIII / IV | KSIII | SSIII | USIII / IV

Top panel components

Hydraulic Membrane Lifter Tube
OSNMT

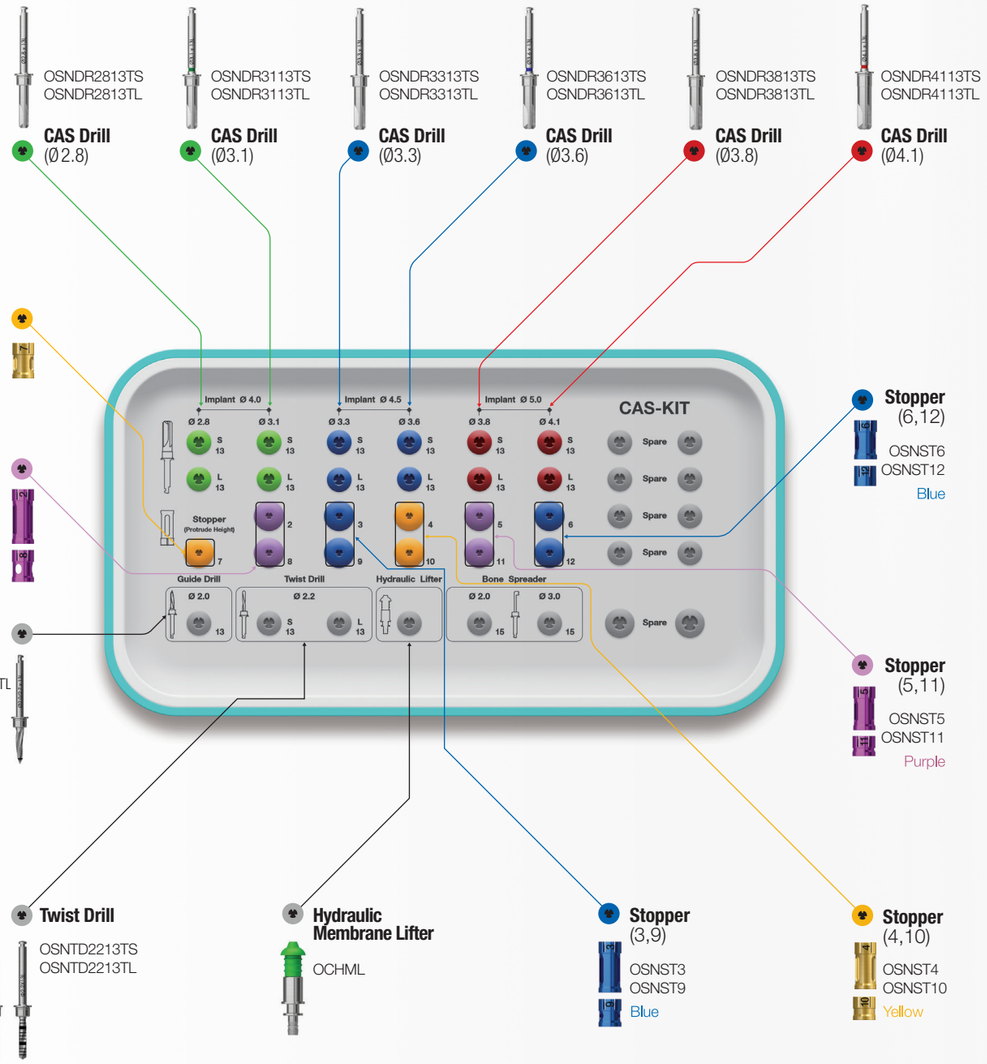
Depth Gauge
OSNDG

Lower panel components

Bone Carrier Head
OSNBCH30

Bone Carrier
OSNBCS35C

Bone Condenser
OSNBC1120

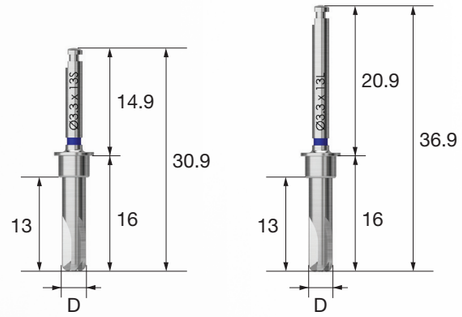


• For ordering codes of single item of CAS KIT, see 425~428 Page

CAS KIT Surgical Instruments

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)

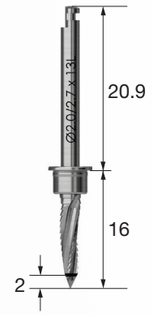


L \ D	Ø2.8	Ø3.1	Ø3.3	Ø3.6	Ø3.8	Ø4.1
Short	SNDR2813TS	SNDR3113TS	SNDR3313TS	SNDR3613TS	SNDR3813TS	SNDR4113TS
Long	SNDR2813TL	SNDR3113TL	SNDR3313TL	SNDR3613TL	SNDR3813TL	SNDR4113TL

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

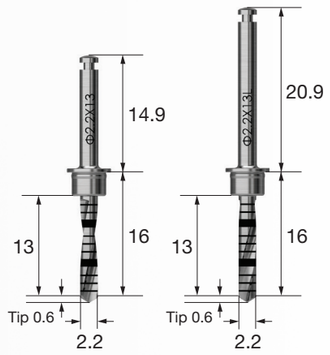
D	Ø2.0 / 2.7
	SNGD2027TL



Twist Drill (Ø2.2)

• Drilling 1mm under the remaining bone recommended
• Stopper assembled for safe lifting
• End line tip: 0.6mm

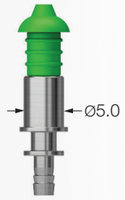
L \ D	Ø2.2
Short	SNTD2213TS
Long	SNTD2213TL



CAS KIT Surgical Instruments

Hydraulic Membrane Lifter Set

- Instrument for hydraulic lifting of sinus membrane
- Winged design with optimized sealing



OCHML

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

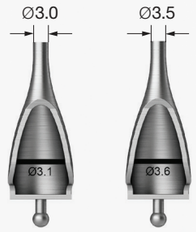
L	2	3	4	5	6	7	8	9	10	11	12
	SNST2	SNST3	SNST4	SNST5	SNST6	SNST7	SNST8	SNST9	SNST10	SNST11	SNST12
Color	Purple	Blue	Yellow	Purple	Blue	Yellow	Purple	Blue	Yellow	Purple	Blue

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

SNBCS35

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

D	Ø3.1	Ø3.6
	SNBCH30	SNBCH35

Bone Condenser

- Instrument to push in the bone material into the sinus

D	Ø1.1 / 2.0
	SNBC1120

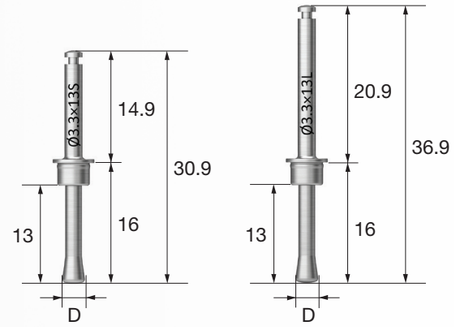
Hydraulic Membrane Lifter Tube

- Connected to the hydraulic membrane lifter

SNMT

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

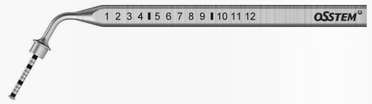


L \ D	Ø2.6	Ø2.9	Ø3.1	Ø3.4	Ø3.6	Ø3.9
Short	SNML2813TS	SNML3113TS	SNML3313TS	SNML3613TS	SNML3813TS	SNML4113TS
Long	SNML2813TL	SNML3113TL	SNML3313TL	SNML3613TL	SNML3813TL	SNML4113TL

CAS KIT Surgical Instruments

Depth Gauge

- For checking internal lifting of the sinus and measuring the remaining bone depth

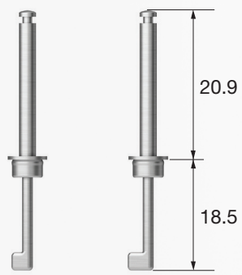


SNDG

Bone Spreader

- Instrument for spreading the filled bone using the engine
- Assembled with a stopper for use
- Recommended drilling speed: ≤30rpm (low speed mode)

D	Ø2.0	Ø3.0
	SNBS2015T	SNBS3015T



Y-Connector

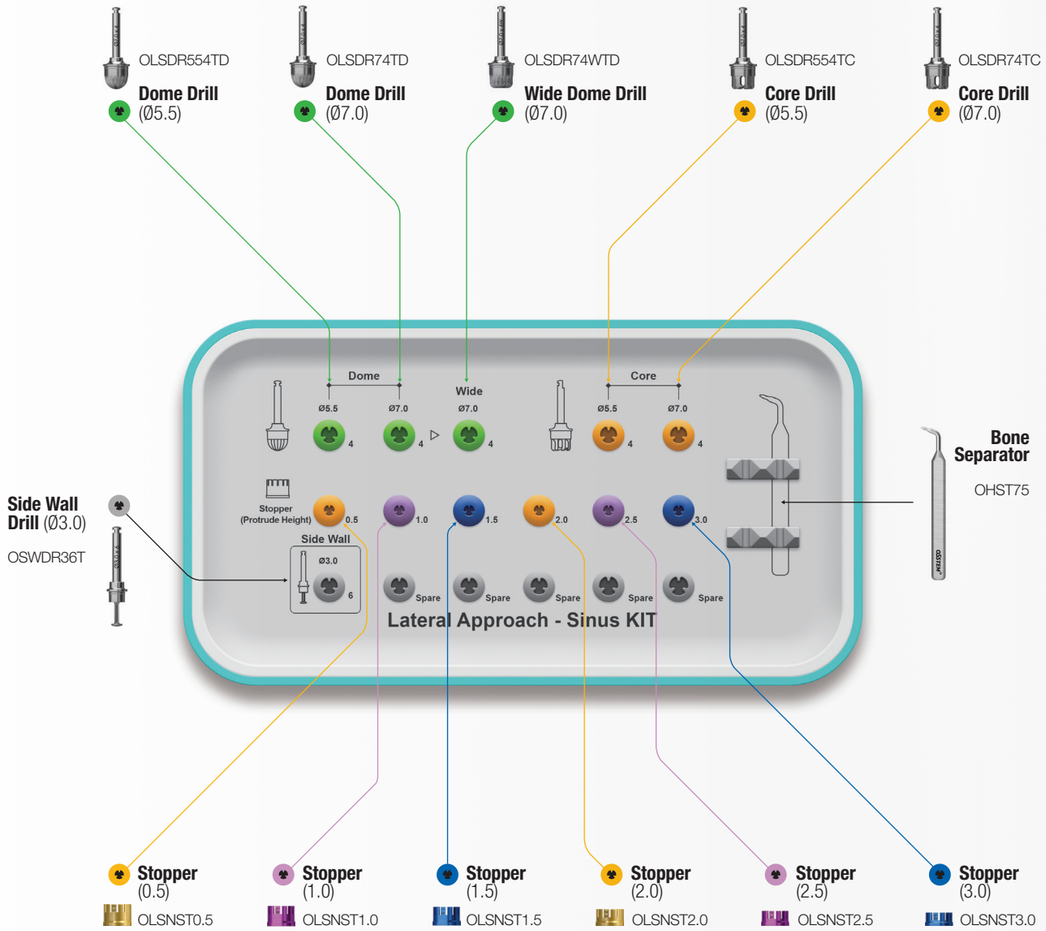
- Y-shaped connector for hydraulic lifting of two drilling holes at the same time

SNYCT

OSSTEM IMPLANT

LAS KIT (OLRSNK) RENEWAL 2021

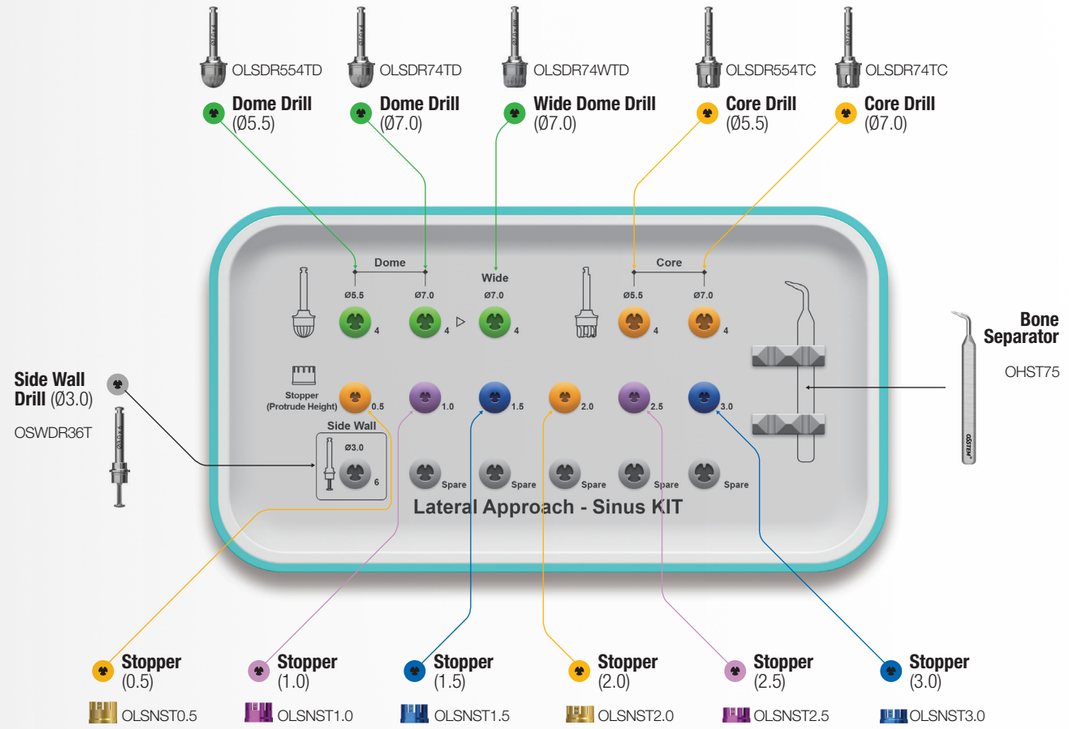
- Lateral Approach - Sinus KIT (LAS KIT) : KIT optimized for lateral approach in maxillary sinus lift procedure
- Including dome drill and core drill for safe formation of a lateral window; and Ø5.5/7.0 diameters available according to the size of the window
- Depth can be adjusted by mounting a stopper on the LAS Drill, and the window can be safely formed without perforating the membrane



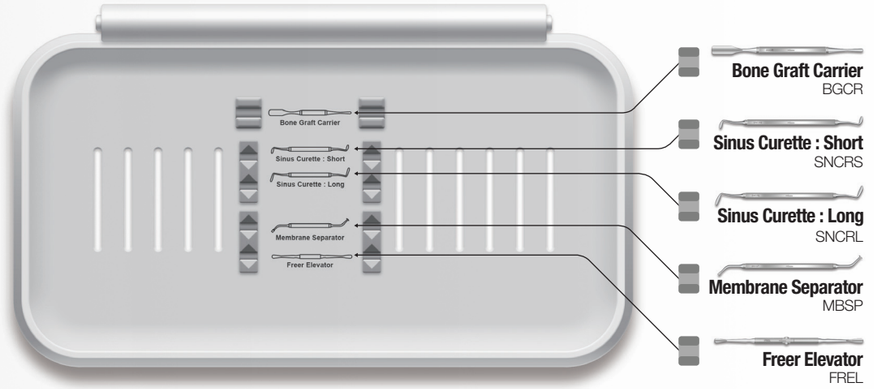
- For ordering codes of single items of LAS KIT, see pages 432-433

LAS Full KIT (OLRSNKP) RENEWAL 2021

- KIT with 6 additional sinus lift instruments to LAS KIT



LAS KIT Plus Lower Plate



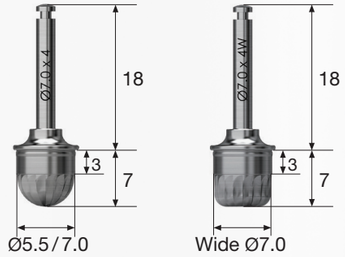
- For ordering codes of single items of LAS KIT, see pages 432-433
- Lower panel components of LAS Full KIT are the same as those of Sinus KIT (See page 480)

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	LSDR554TD	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

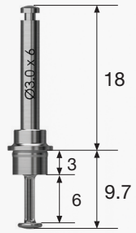
※ Over-drilling may result in damage to the membrane

L \ D	Ø5.5	Ø7.0
25	LSDR554TC	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

SWDR36T



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

HST75

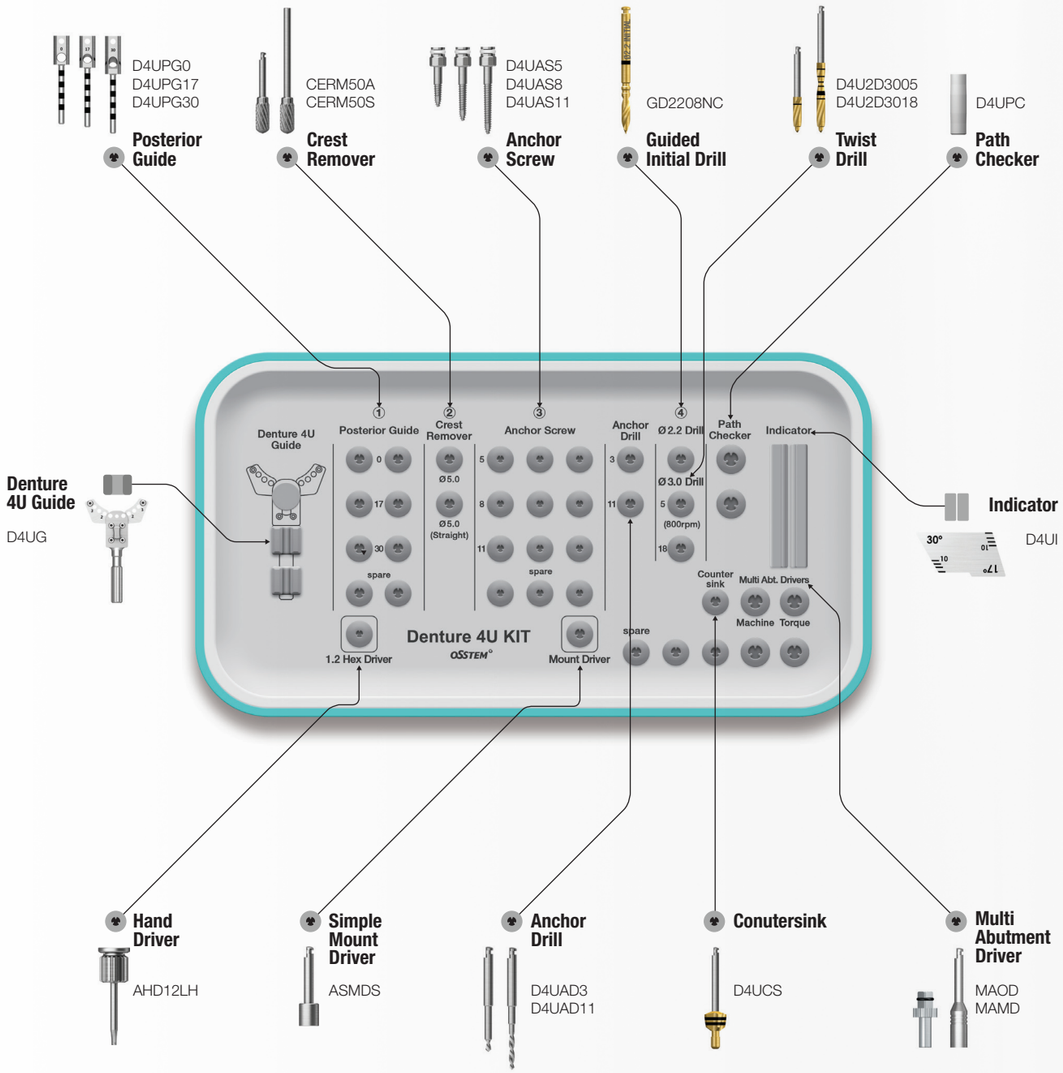
Stopper 2012.05

- 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

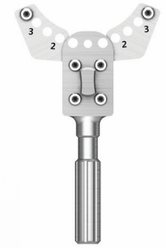
Denture 4U KIT (OD4UK) NEW 2021

Applicable Products TSII / III USII / III



Denture 4U KIT Surgical Instruments

Denture 4U Guide



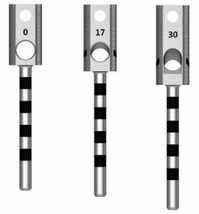
- Guide for stable and accurate initial and intermediate drilling for Denture 4U procedure
- Anterior guide : drilling positioning for Ø2.2 in anterior region (tooth number 2 and 3 positions marked)
- Posterior guide : drilling positioning function for Ø3.0 drill in posterior region

※ 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

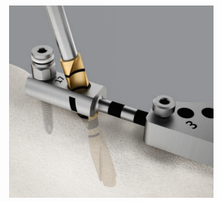
※ Assembled with the angle marking side shown

- 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

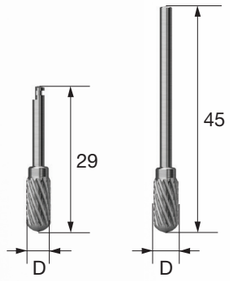


Bottom of the marking line →
Check mesial direction

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

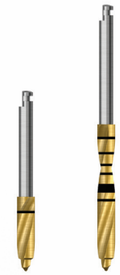
L \ D	Ø1.65
3	D4UAD3
11	D4UAD11

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

D4UCS

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

D4UI

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

D4UPC

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

Positioning Guide KIT (OPGPK) RENEWAL 2022

GD2208NC
GD2213FNC

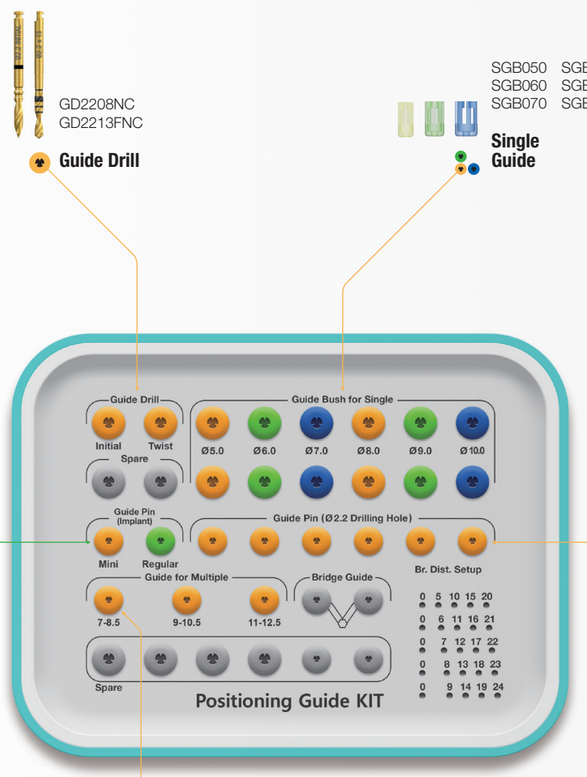
Guide Drill

SGB050 SGB080
SGB060 SGB090
SGB070 SGB100

Single Guide

Guide Pin (Implant)

PGSPM
PGSPR



Guide Pin

PGSP22

Bridge Guide (Fan Type)

PGBRA070
PGBRA090
PGBRA110

Positioning Guide Full KIT (OPGAK) RENEWAL 2022

Lower panel components

Multi Joint Handle Option
OMJH

L-Wrench Option
LWC20H

Denture Guide Option
PGODA

GD2208NC
GD2213FNC

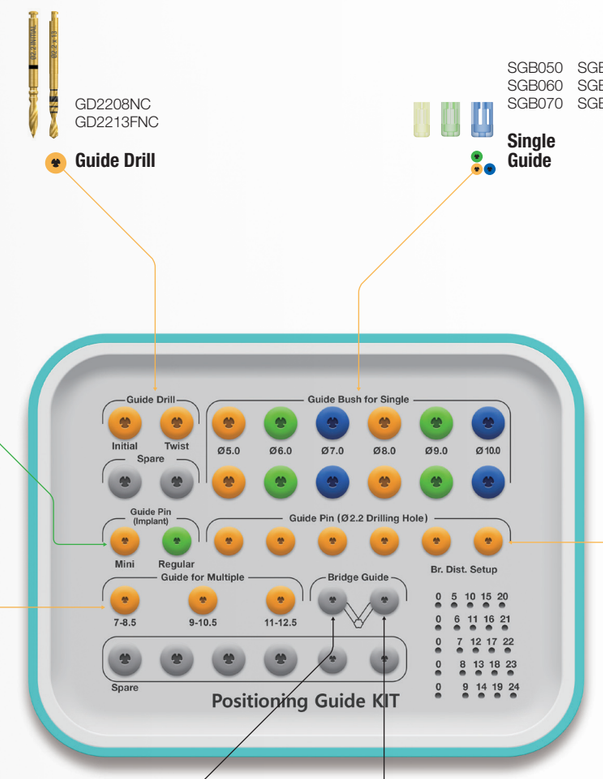
Guide Drill

SGB050 SGB080
SGB060 SGB090
SGB070 SGB100

Single Guide

Guide Pin (Implant)

PGSPM
PGSPR



Guide Pin

PGSP22

Bridge Guide (Fan Type)

PGBRA070
PGBRA090
PGBRA110

Bridge Guide (Compass Type)

PGBPA

Distance setup Pin

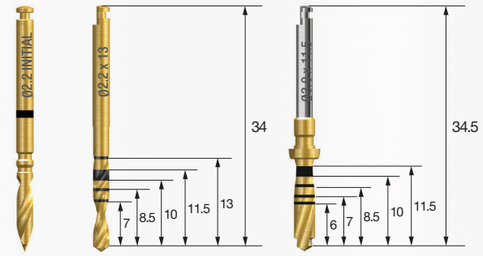
PGDSP

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



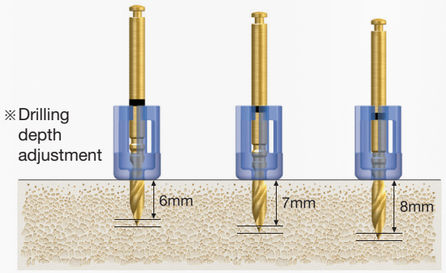
Initial drill | Ø2.2 twist drill | Ø3.0 twist drill

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

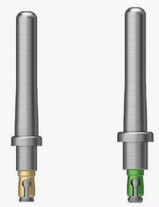


F5.0	F6.0	F7.0	F8.0	F9.0	F10.0
SGB050	SGB060	SGB070	SGB080	SGB090	SGB100

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



Mini | Regular

Guide Pin 2015.07

- A pin for checking the path around drilling and fixing the Single Guide in place

PGSP22

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

Fan type

Compass type Option

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

MJH

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

PGODA

Positioning Guide KIT Surgical Instruments

L-wrench Option 2015.07

- Instrument to adjust the size of the Denture Guide and fix it in place

LWC20H

Distance Setup Pin Option 2015.07

- A pin for Bridge Guide compass type and denture guide fixation

PGDSP

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

SGCB30S

X Sleeve
(4ea)

Twist Drill
(Ø2.2)
SGTD2207S

Twist Drill
(Ø3.0)
QGTD3008

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

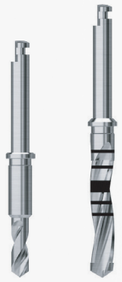
※ Disposable, Do not reuse; Use after low temperature disinfection (Do not autoclave or use hydrogen peroxide)

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

ESSET KIT (OESEK) RENEWAL 2022

Lower panel components

Applicable Products TSII / III | KSIII | SSII / III | USII / III

Torque Wrench
TW30BC

Depth Gauge
OSDGC

Ø5.0 OCERM50A
Ø5.0 OCERM50S
Ø7.0 OCERM70A

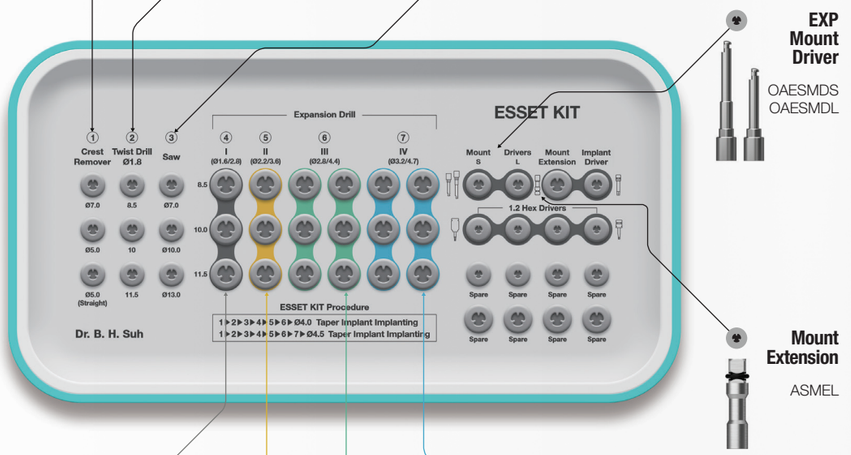
Crest Remover

O2D1808LC01
O2D1810LC01
O2D1811LC01

Twist Drill

OSAW070
OSAW100
OSAW130

Saw



EXP Mount Driver

OAESMDS
OAESMDL

Mount Extension

ASMEL

Expansion Drill

OEXP162808
OEXP162810
OEXP162811

Expansion Drill

OEXP223608
OEXP223610
OEXP223611

Expansion Drill (2ea)

OEXP284408
OEXP284410
OEXP284411

Expansion Drill (2ea)

OEXP324708
OEXP324710
OEXP324711

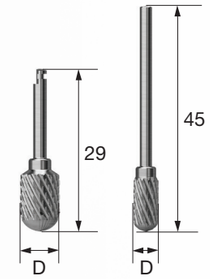
• For ordering codes of single items of ESSET KIT, see pages 449-451

ESSET KIT Surgical Instruments

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

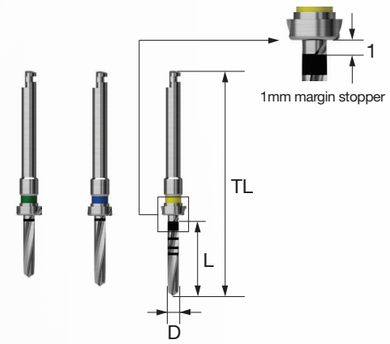
L \ D	Ø5.0	Ø7.0
29	CERM50A	CERM70A
45	CERM50S	-



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

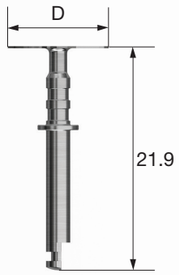
L	TL	D	Ø1.8
8.5	33		2D1808LC01
10	34.5		2D1810LC01
11	36		2D1811LC01



Saw RENEWAL 2022

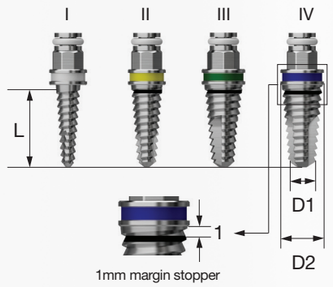
- Incision of the narrowed ridge
- After vertical incision, perform the incision of the entire area in the mesial to distal directions
- Recommended drilling speed: 1,200~1,500rpm
- Recommended number of use cycles: 10 times
- Used after connecting to the saw protector at the position of the saw connecting groove

D	Ø7.0	Ø10.0	Ø13.0
	HSAW070	HSAW100	HSAW130



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

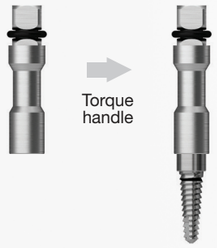


L \ Type	I	II	III	IV
D1 / D2	Ø1.6 / 2.8	Ø2.2 / 3.6	Ø2.8 / 4.4	Ø3.2 / 4.7
8.5	EXP162808	EXP223608	EXP284408	EXP324708
10	EXP162810	EXP223610	EXP284410	EXP324710
11.5	EXP162811	EXP223611	EXP284411	EXP324711

Mount Extension

- Used for applying torque in manual mode in the process of placing or removing an Expansion Drill into the alveolar bone

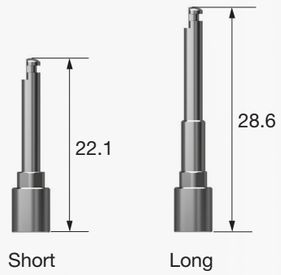
ASMEL



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)

Contra angle type

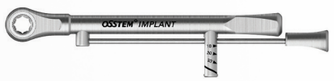
Straight type

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

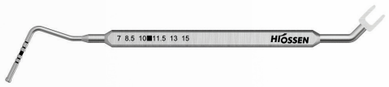
TW30B



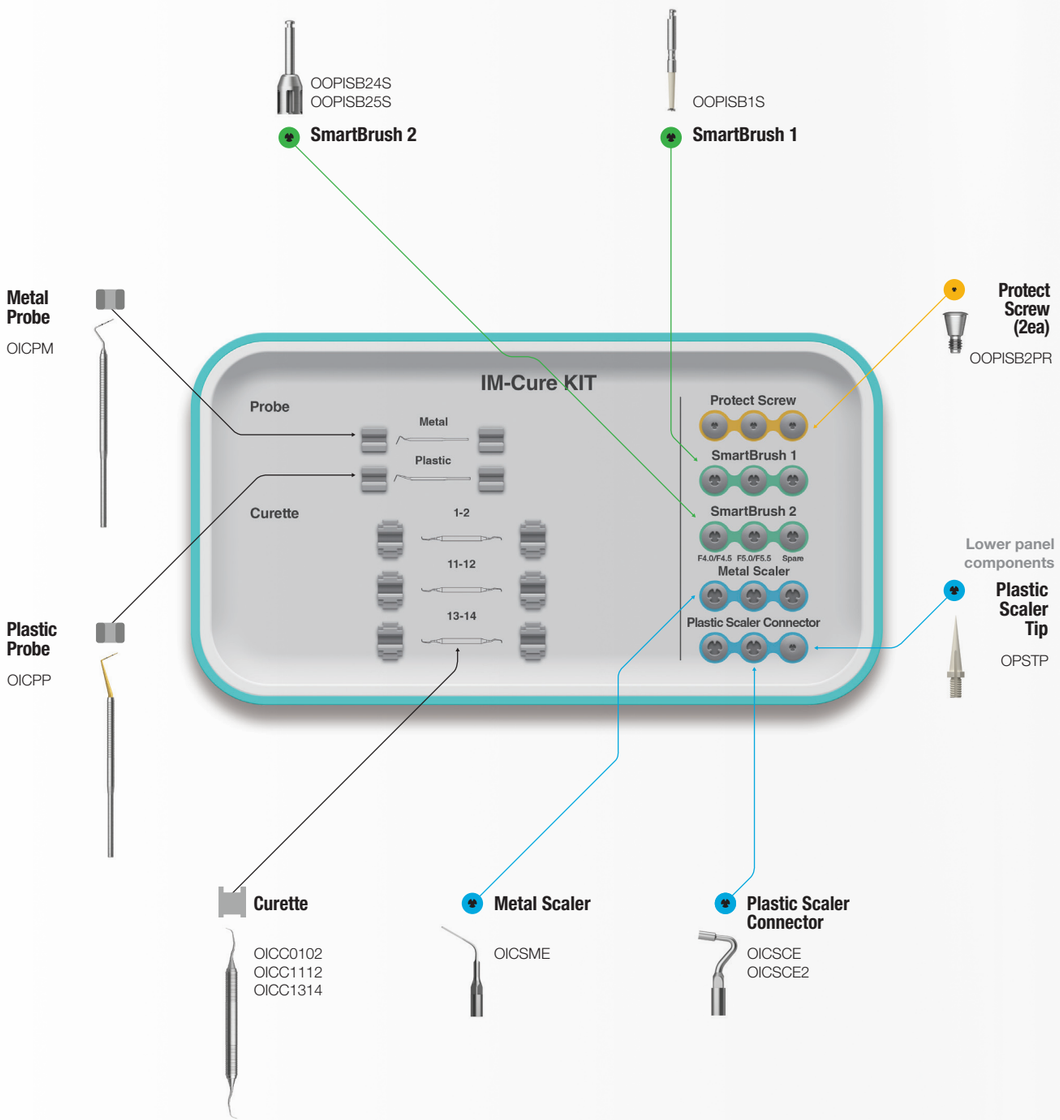
Depth Gauge

- 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



IM-Cure KIT (OICK) RENEWAL 2021



• For ordering codes of single items of IM-Cure KIT, see pages 453-455

IM-Cure KIT Surgical Instruments

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

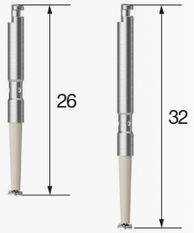
IM-Cure KIT Surgical Instruments

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

Bending Possible

- 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

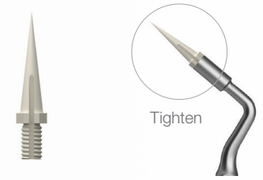
Type	EMS	KaVo	SATELEC
	HICSME	HICSMK	HICSMS

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



Tighten

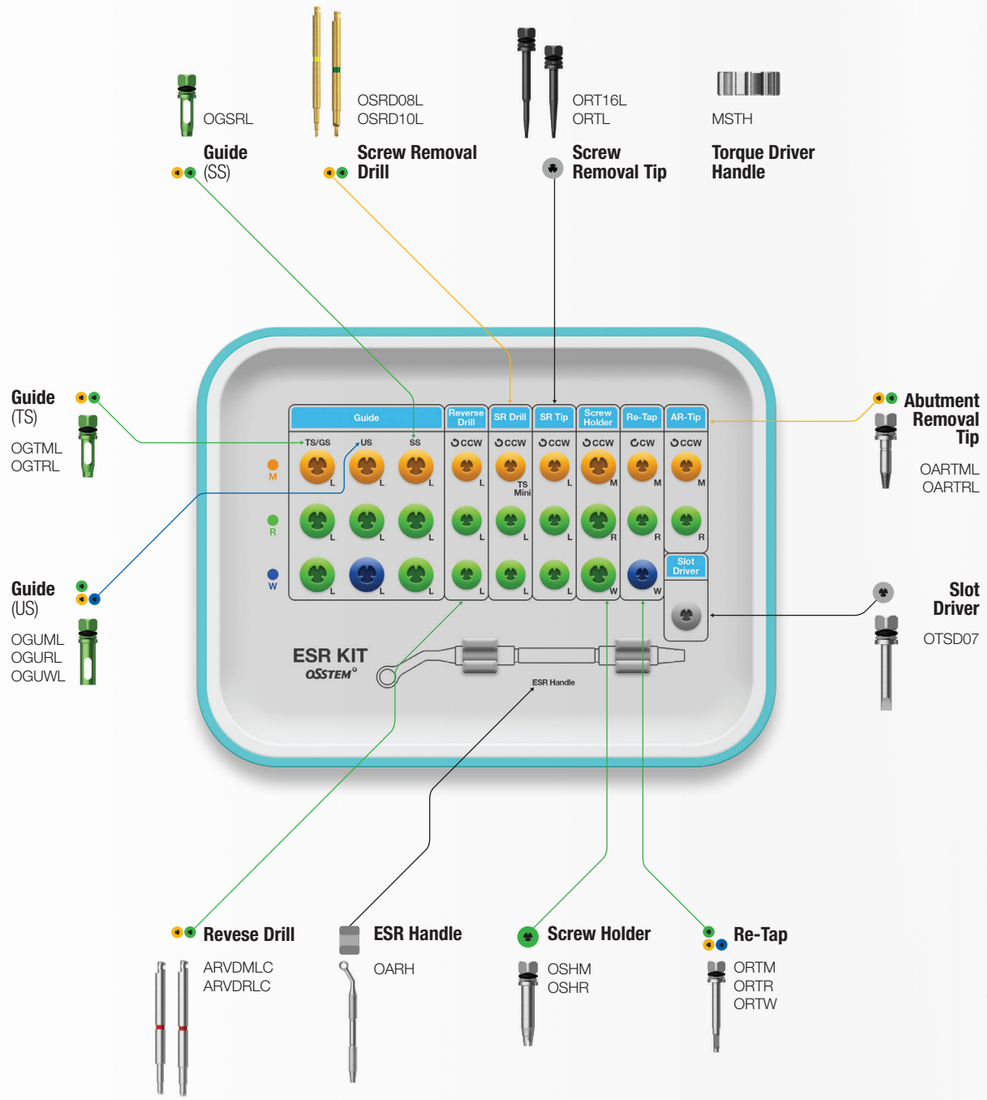
- Used for removing foreign substances from the abutment or crown by connecting to a SmartScaler

※ Do not use on the implant surface

- Packing unit : 30ea/1set

PSTP

ESR KIT Easy Screw Removal KIT (OESRK) RENEWAL 2020

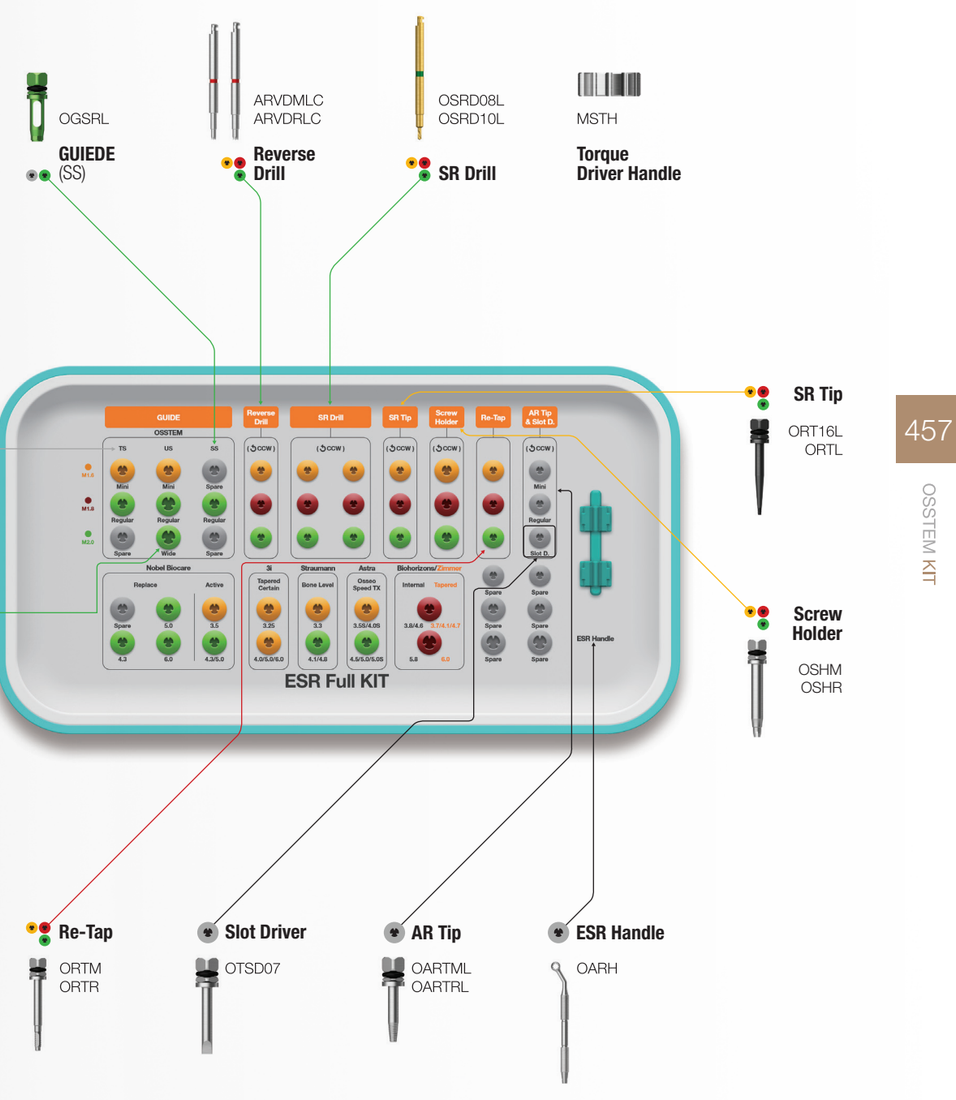


ESR Full KIT Easy Screw Removal Full KIT (OESRFK) 2018.01

- 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



ESR Full KIT Surgical Instruments

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

ESR Full KIT Surgical Instruments

3i

D \ Type	Full Osseotite Tapered Certain Short	Full Osseotite Tapered Certain Long
3.25	OGIF01S	OGIF01L
4.0	OGIF02S	OGIF02L
5.0	OGIF02S	OGIF02L
6.0	OGIF02S	OGIF02L

D \ Type	Full Osseotite Tapered Short	Full Osseotite Tapered Long
Ø4.0	OGURS	OGURL
Ø5.0	OGURS	OGURL
Ø6.0	OGURS	OGURL

Zimmer

D \ Type	Tapered Short	Tapered 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	Internal (Tapered Bone Level) Long
Yellow	OGZB01S	OGZB01L
Green	OGZB01S	OGZB01L
Blue	OGZB02S	OGZB02L

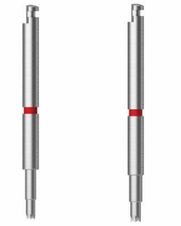
D \ Type	External Short	External Long
Ø3.5	OGUMS	OGUML
Ø4.0	OGURS	OGURL
Ø5.0	OGBES	OGBEL
Ø6.0	OGBES	OGBEL

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



M1.6 M1.8/2.0

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

M1.6 M1.8 M2.0

Torque Driver Handle

- Used by rotating by hand after assembling with products such as SR tip, AR tip, and screw holder

MSTH

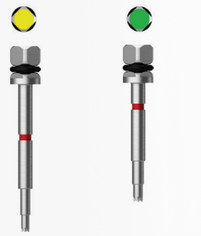
ESR Full KIT Surgical Instruments

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



Mini Regular/Wide

L \ C	Mini	Regular / Wide
Short	-	ORVDRS
Long	ORVDML	ORVDRL

Screw Removal Tip (SR Tip)

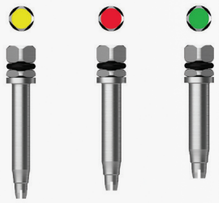
- Used for removing fractured screws by rotating the screw removal tip in the hole on the fractured surface of the screws formed by using the screw removal drill (SR Drill)
- Rotating direction : Reverse rotation

※ 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

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

Mini Regular

L \ Type	Mini	Regular
Short	OARTMS	OARTRS
Long	OARTML	OARTRL
Ex.Long	OARTMEL	OARTREL

ESR Full KIT Surgical Instruments

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	Body	Set
TASD	TASB	TAST

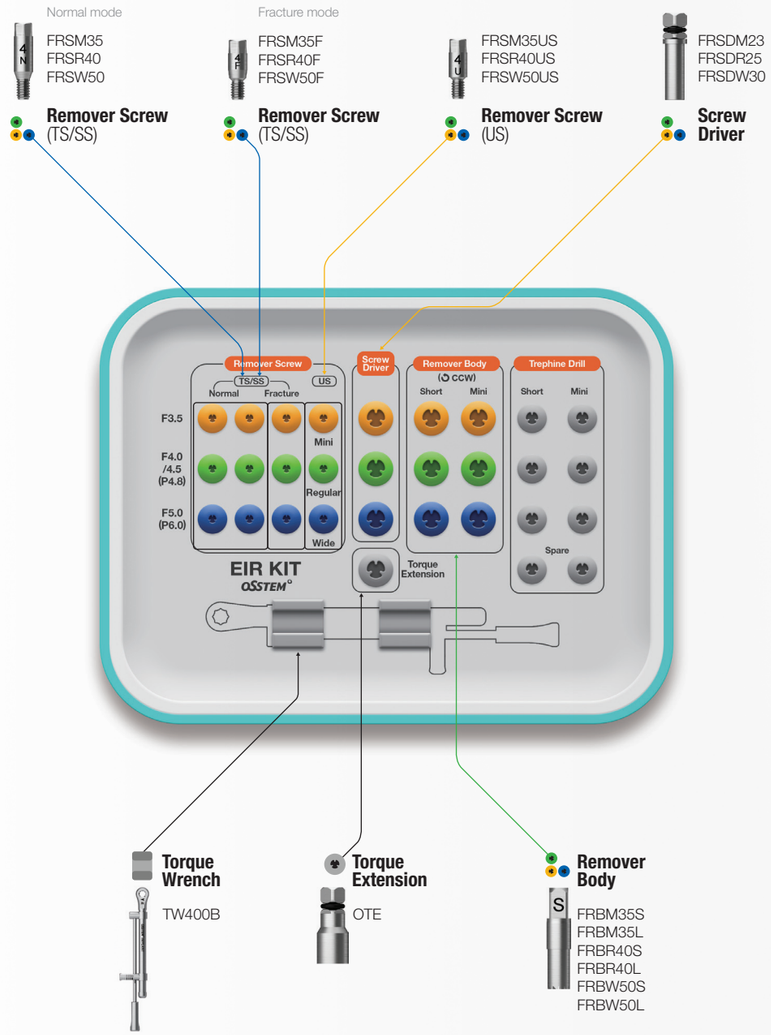
EIR KIT Easy Implant Removal KIT (OSFRK) RENEWAL 2022

Top panel components

Implant Wrench
FRDFE

Applicable Products

TSII / III | KSIII | SSII / III | USII / III | Ultra-wide



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

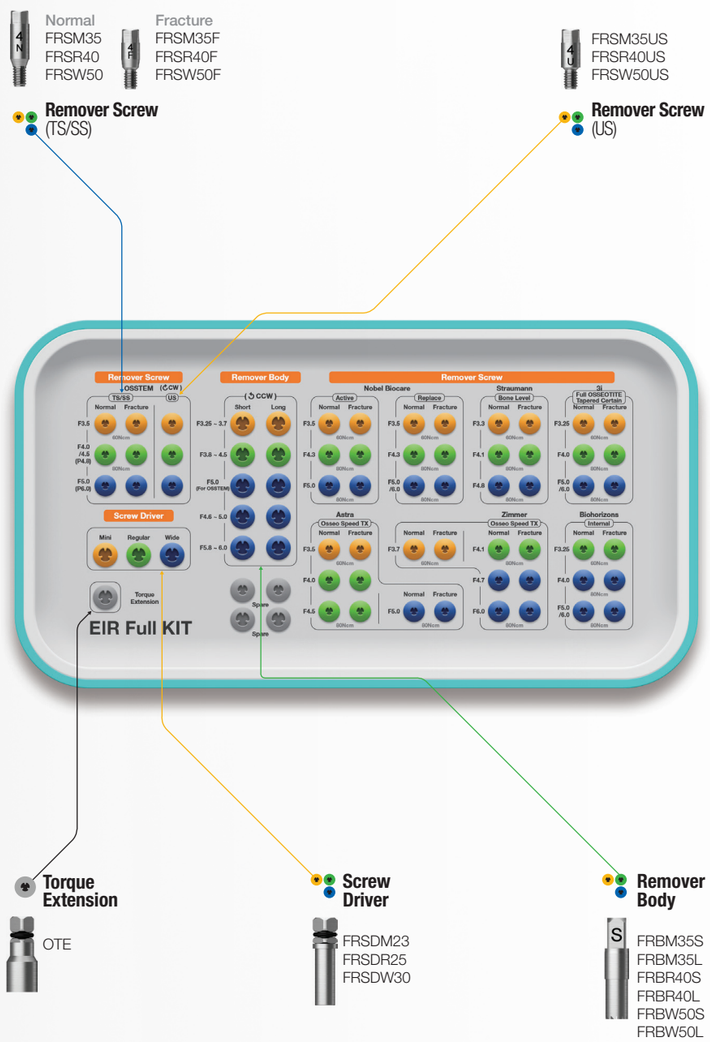
Top panel components

Implant Wrench
FRDFE

Torque Wrench
TW400B

Applicable Products

Nobel Biocare Active/Replace / **Straumann** Bone Level / **Astra** Osseo Speed TX
3i Full OSSEOTITE Tapered Certain / **Zimmer** Tapered / **Biohorizons** Internal



EIR Full KIT Surgical Instruments

Items not included in the KIT

Remover Screw

Nobel	Active			Replace			
	Normal	Fracture		Normal	Fracture		
	FRSMNA35	FRSMNA35F		FRSMNR35	FRSMNR35F		
	FRSR40	FRSR40F		FRSR40	FRSR40F		
	FRSW50	FRSW50F		FRSW50	FRSW50F		
Straumann	Bone Level		3i	Full Osseotite Tapered Certain		Biohorizons	Internal
	Normal	Fracture		Normal	Fracture		Normal	Fracture
	FRSM33	FRSM33F		FRSMI325	FRSMI325F		FRSRZ41	FRSRZ41F
	FRSRS41	FRSRS41F		FRSRI40	FRSRI40F		FRSWZ47	FRSWB46F
	FRSWS48	FRSWS48F		FRSWI50	FRSWI50F		FRSWZ60	FRSWB46F
Zimmer	Tapered		Astra	Osseo Speed TX		Remover Body	
	Normal	Fracture		Normal	Fracture		
	FRSMZ37	FRSMZ37F		FRSMNA35	FRSMNA35F	FRBW57S	
	FRSRZ41	FRSRZ41F		FRSRA40	FRSRA40F	FRBW57L	
	FRSWZ47	FRSWZ47F		FRSR40	FRSR40F	FRBUW60S	
	FRSWZ60	FRSWZ47F		FRSW50	FRSW50F	FRBUW60L	

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	FRSW50
	Fracture	FRSM35F	FRSR40F	FRSW50F
US		FRSM35US	FRSR40US	FRSW50US
KS	Normal	KSFRSM35	KSFRSR40	KSFRSW50
	Fracture	KSFRSM35F	KSFRSR40F	KSFRSW50F

Nobel Biocare

T	Mode	Mini Ø3.5	Regular Ø4.3	Wide Ø5.0/6.0
Active	Normal	FRSMNA35	FRSR40	FRSW50
	Fracture	FRSMNA35F	FRSR40F	FRSW50F
Replace	Normal	FRSMNR35	FRSR40	FRSW50
	Fracture	FRSMNR35F	FRSR40F	FRSW50F

Straumann

T	Mode	Mini Ø3.3	Regular Ø4.1	Wide Ø4.8
Bone Level	Normal	FRSMS33	FRSRS41	FRSWS48
	Fracture	FRSMS33F	FRSRS41F	FRSWS48F

Astra

T	Mode	Mini Ø3.5	Regular Ø4.0	Regular Ø4.5	Wide Ø5.0
Osseo Speed TX	Normal	FRSMNA35	FRSRA40	FRSR40	FRSW50
	Fracture	FRSMNA35F	FRSRA40F	FRSR40F	FRSW50F

3i

T	Mode	Mini Ø3.25	Regular Ø4.0	Wide Ø5.0/6.0
Full Osseotite Tapered Certain	Normal	FRSMI325	FRSRI40	FRSWI50
	Fracture	FRSMI325F	FRSRI40F	FRSWI50F

Zimmer

T	Mode	Mini Ø3.7	Regular Ø4.1	Wide Ø4.7	Ultra-wide Ø6.0
Tapered	Normal	FRSMZ37	FRSRZ41	FRSWZ47	FRSWZ60
	Fracture	FRSMZ37F	FRSRZ41F	FRSWZ47F	FRSWZ47F

Biohorizons

T	Mode	Mini Ø3.8	Regular Ø4.6	Wide Ø5.8
Internal	Normal	FRSRZ41	FRSWZ47	FRSWZ60
	Fracture	FRSRZ41F	FRSWB46F	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

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

Implant Wrench

- Wrench to remove implant from the remover body

FRDFE

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 pilling the mouth, cheeks, etc.

RTCRM-W

Extension Hose Adapter

- Adapter for chair suction connection

SNKHA-W

Periosteal Elevator (Selden)

- Retracted and fixed for gingival tissue flap
- W : 10/13mm

EP23-W

Needle Holder (Crile-Wood, TC)

- Straight
- Tungsten carbide treated beak
- L : 150mm (±5)

NHC150TC-W

Ochsenbein Chisel

- Bone removal and formation
- W : 5.0mm

CHCO1-W

Tissue Forcep (ADSON)

- Used for holding soft tissue
- No protrusion on the inner surface of the beak
- L : 120mm (±5)

PT41-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

Titanium Suction Tip

- D (inner diameter): 3.0mm

SN3TI-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

Scalpel Handle (Flat Type)

SHF-W

Pouch

- Used for storing and sterilization of instruments
- L : 470 X 400mm

WPA-W

Needle Holder

- Mayo-Hegar
- Tungsten carbide treated beak
- L : 160mm (±5)

NH160TC-W

Mirror

MHC-DMCS4-W

Titanium Suction Tip

- D (inner diameter): 3.0mm

SN3TI-W

Chisel

- Bone removal and formation
- Oschenbien & fedi (curved)
- W : 5.0mm

CHCO2-W

Hemostats

- Mosquito (curved)
- L : 130mm (±5)

HTM130C-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

Caliper

- Castroviejo

LPC90-W

Scissor (LaGrange)

- Compound (curved)
- L : 115mm (±5)

SCLC115-W

Bone Well

BWSUS1-W

Surgical Curettes (Gracey)

CGR11-12-W

Minesota Retractor

RTCRM-W

Surgical Curettes (Surgical Curettes, CM11)

URCM11-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

Tweezer (Wide)

- L : 155mm

PCW150-W

Scalpel Handie (Straight Type)

SHS-W

Bone Rongeurs

- Friedman
- L : 140mm (±5)

RNGF140-W

Scissor (Tissue Scissor)

- Straight
- L : 150mm (±5)

SCTC115-W

Surgical Curettes (Surgical Curettes, CM10)

URCM10-W

Mallet

- Autoclave can be used

ML25-W

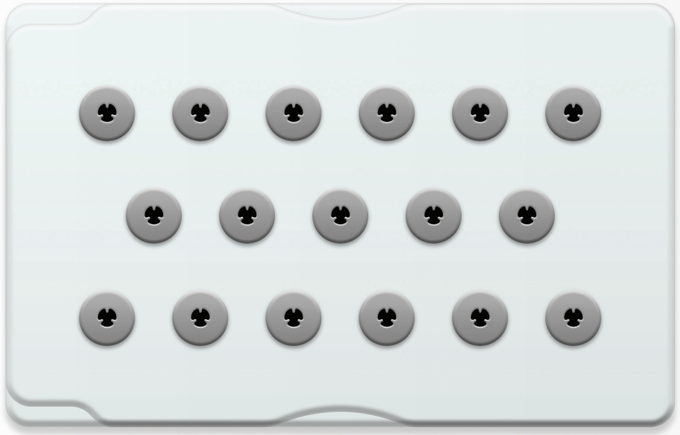
Periosteal elevator (Prichard)

- W : 11/4.9mm

EPPR3-W

Custom KIT (OCTK) 2009.01

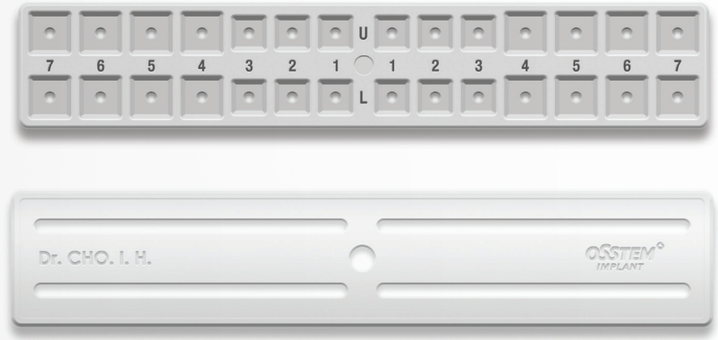
- KIT used to disinfect some of the surgical instruments or to store new spare tools
- Additional 3 types of rubber (large, medium, small), which can be used according to user preference
- Sterilizable material (132℃, 15 minutes)



Healing Case (OHAC) 2018.02

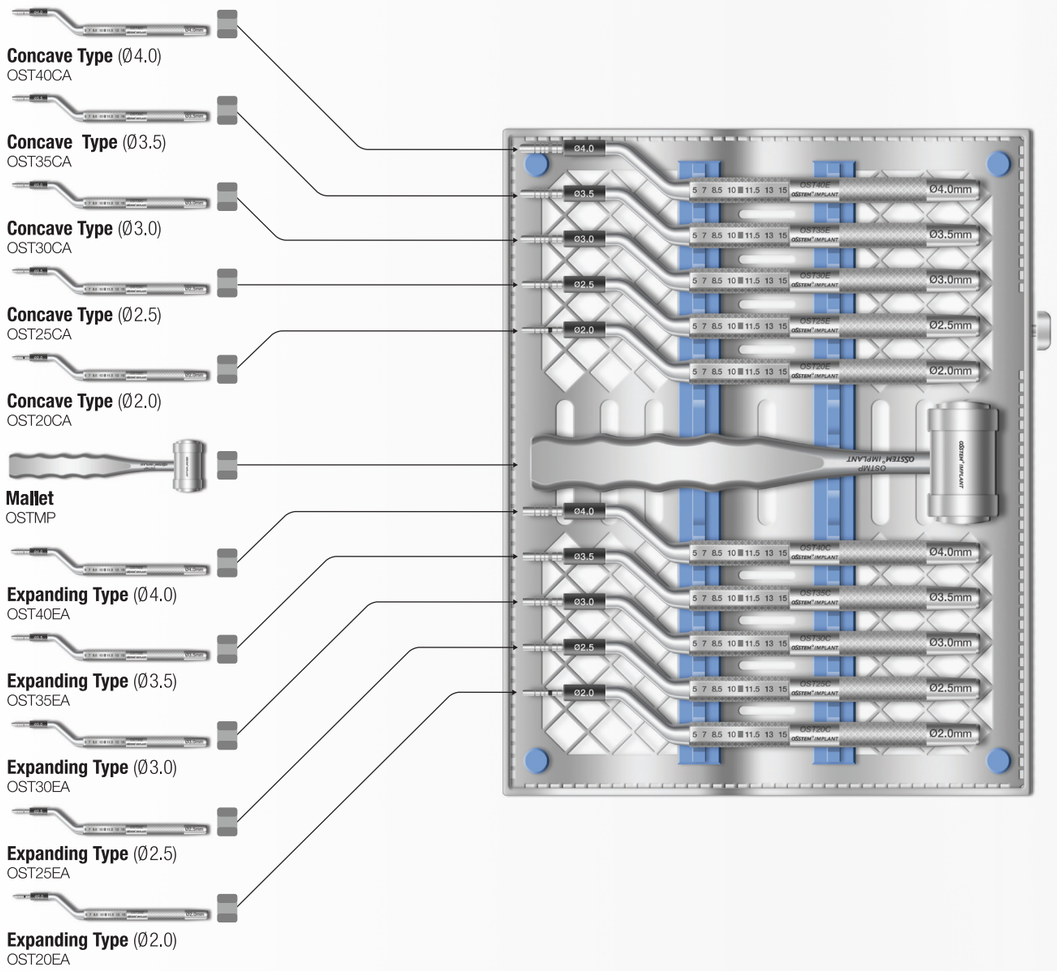
- A case for temporary storage and cleaning of Healing Abutment during the prosthesis procedure
  - Upper prosthesis for additional mounting: transfer / temporary / angled / cover screw / pick-up & transfer impression coping/ OB anchor/ temporary crown (Only the Healing Abutment can be assembled with 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℃, 15 minutes); sterilization required for reusing the case

※ This product is not a case for reuse of Healing Abutment



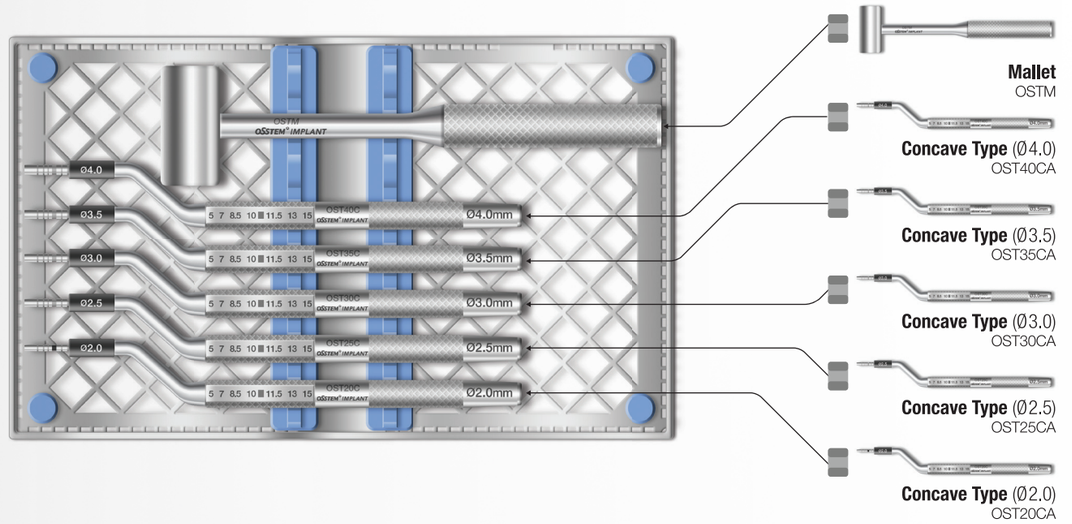
Osteo KIT (OSTK) 2009.01

- 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

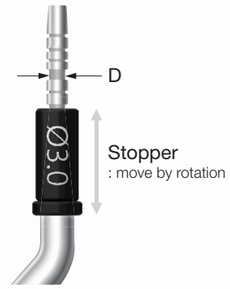
- KIT used for sinus lift procedure(maxillary sinus floor elevation) to vertically increase the amount of alveolar bone available in the maxillary anterior region
- Included in concave type only
- Stopper for adjusting the depth of procedure



Osteotome Stopper 2018.05

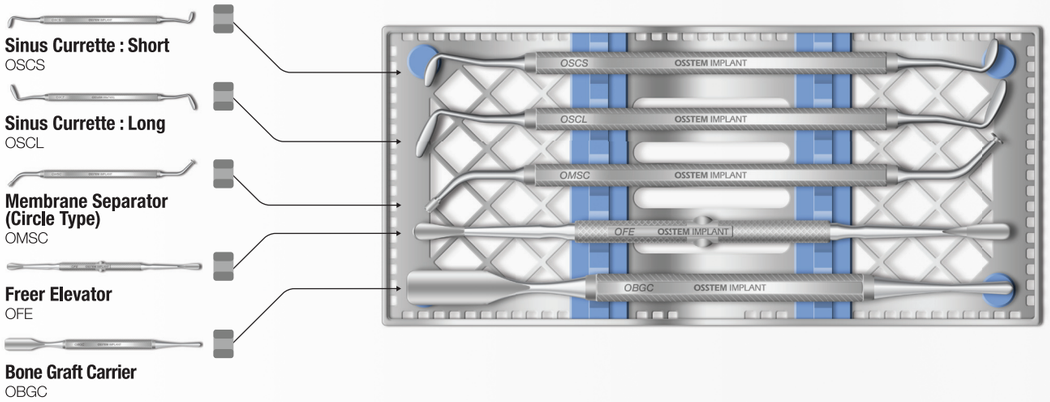
- Stopper (single item) for adjusting the depth of procedure

D	Ø2.0	Ø2.5	Ø3.0	Ø3.5	Ø4.0
	OST20SH	OST25SH	OST30SH	OST35SH	OST40SH



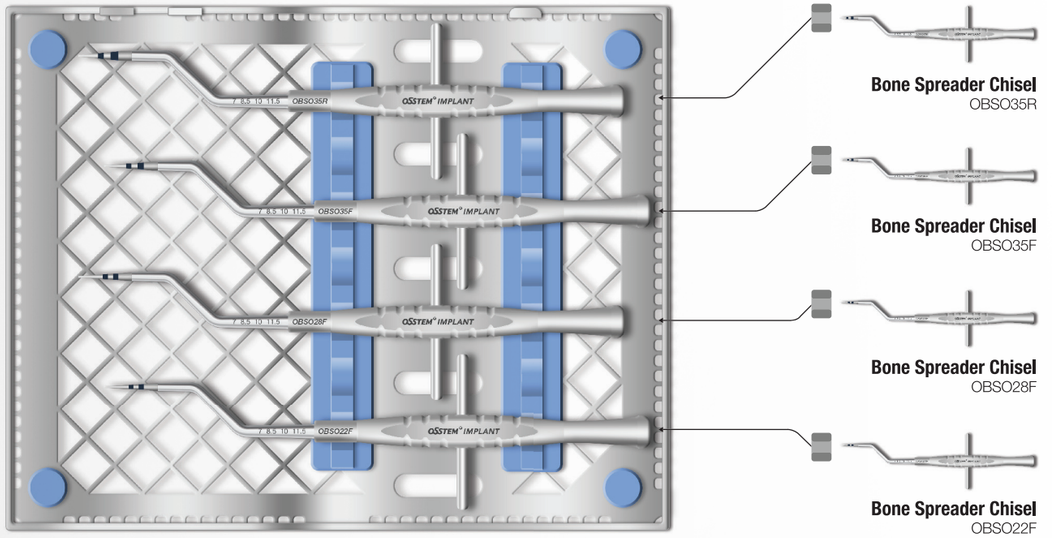
Sinus KIT (ASLK) 2009.01

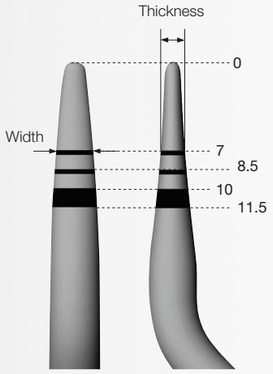
- KIT containing various tools for maxillary sinus floor elevation (sinus lift procedure)
- Lateral approach instrument for sinus procedure
- Components (5 types)
  - Freer elevator : OFE
  - Bone graft carrier : OBGC
  - Membrane separator (circle type) : OMSC
  - Sinus currette-short : OSCS
  - Sinus currette-long : OSCL



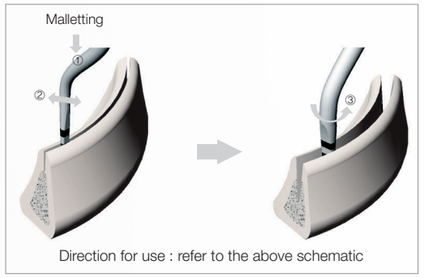
Bone Spreader KIT (OBSOK) 2009.01

- KIT used for expanding narrowed alveolar ridge
- Offset type for easy operation
- Components (4 types)
  - OBSO22F, OBSO28F, OBSO35F, OBSO35R





- Use for alveolar bone expansion
- Offset type for easy operation
- Depth marking corresponding to the implant length



Direction for use : refer to the above schematic

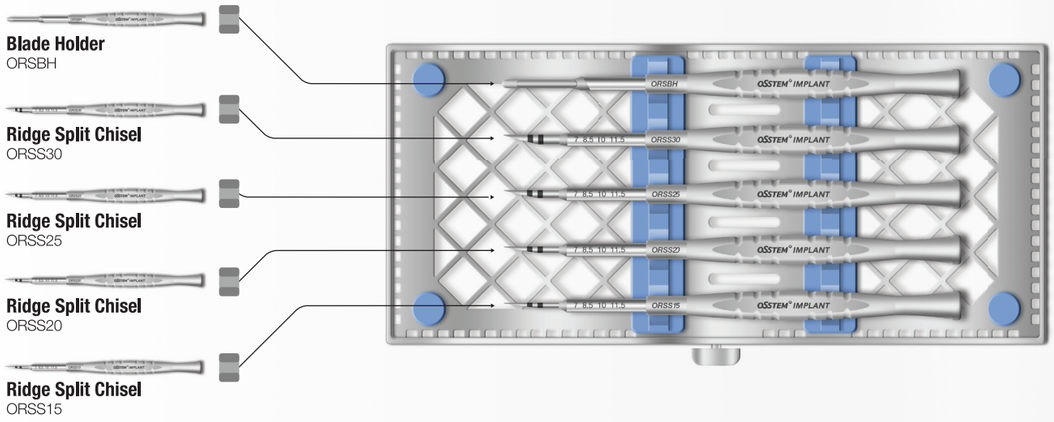
(Unit : mm)

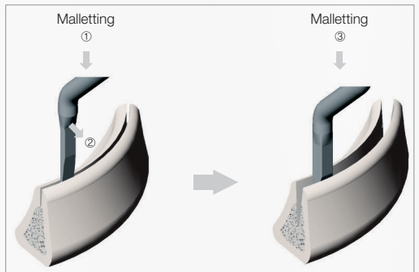
Code \ Tip length	Spec.	7	8.5	10	11.5
OBSO22F	Thickness	1.15	1.3	1.45	1.6
	Width	2.1	2.2	2.2	2.2
OBSO28F	Thickness	1.15	1.3	1.45	1.6
	Width	2.65	2.8	2.8	2.8
OBSO35F	Thickness	1.3	1.45	1.6	1.8
	Width	3.3	3.5	3.5	3.5
OBSO35R (round type)	Thickness	1.85	2.1	2.3	2.55
	Width	3.3	3.5	3.5	3.5

Ridge Split KIT Straight (ORSSK) 2009.01

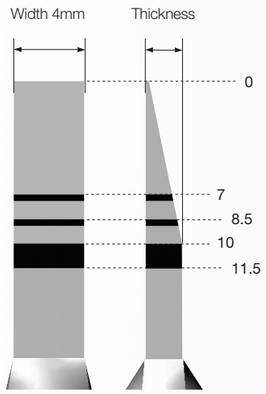
Straight

- 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





Directions for use : refer to the above schematic



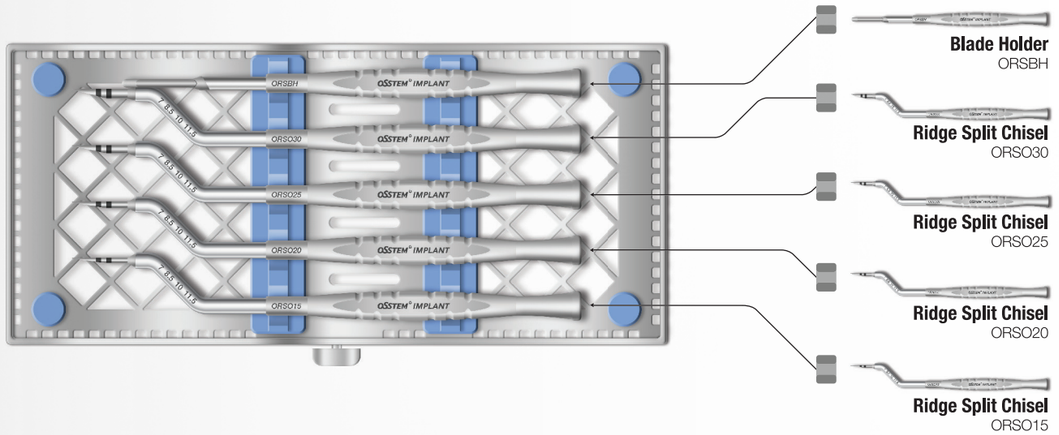
(Unit : mm)

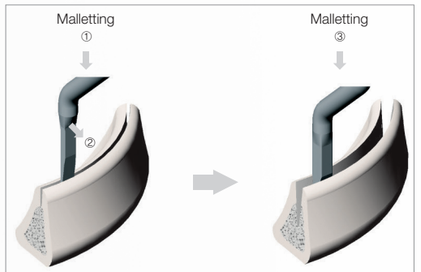
Code \ Spec. / Tip length		7	8.5	10	11.5
ORSS15	Thickness	1.1	1.27	1.5	1.5
	Width	4	4	4	4
ORSS20	Thickness	1.45	1.7	2.0	2.0
	Width	4	4	4	4
ORSS25	Thickness	1.8	2.15	2.5	2.5
	Width	4	4	4	4
ORSS30	Thickness	2.15	2.5	3.0	3.0
	Width	4	4	4	4

Ridge Split KIT Offset (ORSOK) 2009.01

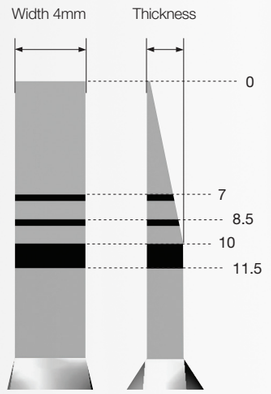
Offset

- 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





Directions for use : refer to the above schematic



(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

OSSTEM IMPLANT

GBR & DENTAL MATERIAL

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㎛
  - Chip : 850~1,500㎛
- 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 (Demineralized Freeze-dried Bone Allograft)
- 100% demineralized allograft bone
- Excellent biocompatibility
- Particle size
  - Powder : 200~850㎛
  - Chip : 850~1,500㎛
- 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㎛
  - Chip : 850~1,500㎛
- 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㎛
  - Chip : 850~1,500㎛
- 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㎛
  - Chip : 850~1,500㎛
- 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

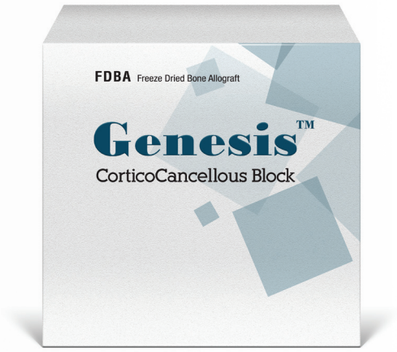
CC	Putty
0.3	EX2PUTTY03
0.5	EX2PUTTY05
1.0	EX2PUTTY10

Allograft Block Bone

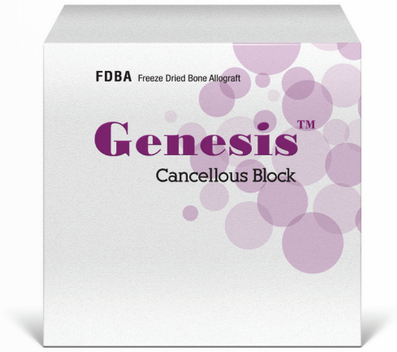
Genesis (FDBA)

- FDBA (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)	BAS**01**
0.25 (0.5cc)	BAS**02**
0.5 (1.0cc)	BAS**05**
1.0 (2.0cc)	BAS**10**
2.0 (4.0cc)	BAS**20**

g \ P	1.0~2.0mm
0.1 (0.3cc)	BAL**01**
0.25 (0.75cc)	BAL**02**
0.5 (1.5cc)	BAL**05**
1.0 (3.0cc)	BAL**10**
2.0 (6.0cc)	BAL**20**

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)	BAC**150B**
Ø7.2×10 (250mg)	BAC**250B**
Ø10×10 (500mg)	BAC**500B**

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	BAS**02SG54**
0.5	BAS**05SG54**
1.0	BAS**10SG54**

CC	1.0~2.0mm
0.25	BAL**02SG54**
0.5	BAL**05SG54**
1.0	BAL**10SG54**

CC \ Ø3.5	0.25~1.0mm
0.25	BAS**02SG35**

CC	1.0~2.0mm
0.25	BAL**02SG35**

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+S**01**
0.25 (0.4cc)	BQ+S**02**
0.5 (0.8cc)	BQ+S**05**
1.0 (1.5cc)	BQ+S**10**
2.0 (3.0cc)	BQ+S**20**

g / P	1.0~2.0mm
0.1 (0.2cc)	BQ+L**01**
0.25 (0.5cc)	BQ+L**02**
0.5 (1.0cc)	BQ+L**05**
1.0 (2.0cc)	BQ+L**10**
2.0 (4.0cc)	BQ+L**20**

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)	BQC**200B**
Ø7.2 × 10 (340mg)	BQC**340B**
Ø10 × 10 (650mg)	BQC**650B**

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+S**02SG54**
0.5	BQ+S**05SG54**

CC	1.0~2.0mm
0.25	BQ+L**02SG54**
0.5	BQ+L**05SG54**

CC / Ø3.5	0.5~1.0mm
0.25	BQ+S**02SG35**
0.5	BQ+S**05SG35**

CC	1.0~2.0mm
0.25	BQ+L**02SG35**
0.5	BQ+L**05SG35**

Bongros

- Synthetic bone
- Contains carbon-apatite
- Osteo-conduction
- Manufacturer : CGBio, South Korea

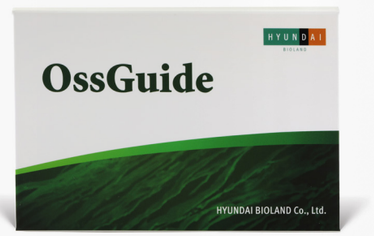
g	
0.25	HAGM **0.25g**
0.5	HAGM **0.5g**
1.0	HAGL **1.0g**

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



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

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	
25 × 75	CPD-12

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

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

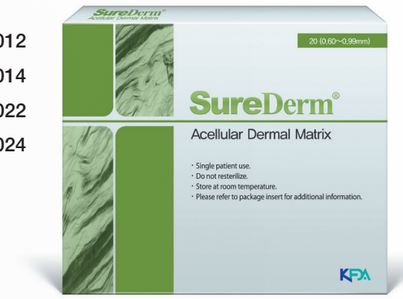
Resorbable membrane Homologous dermal matrix

SureDerm

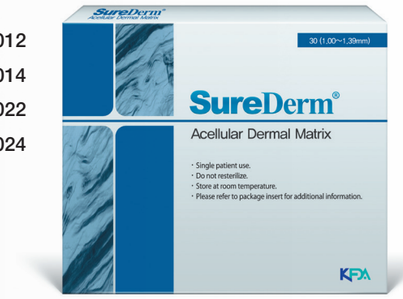
- Human dermis (Homologous acellular dermal matrix)
- Membrane and gingiva reconstruction
- Freeze-dried, rehydration required
- Excellent biocompatibility
- Record and store tissue graft sheet
- Manufacturer: Hans Biomed Corp., South Korea
- T = Thickness

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㎛
  - Size of bacteria: 2~5㎛
- Excellent biocompatibility
- Manufacturer : Osteogenics, USA

mm **TXT-200 Singles**

12 × 20 TXT**1220-1**

mm **TXT-200**

25 × 30 TXT**2530-1**

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㎛
  - Size of bacteria: 2~5㎛
- Excellent biocompatibility
- Manufacturer : Osteogenics, USA

mm **Ti-250 Anterior Narrow**

12 × 24 TI250**AN-1**

mm **Ti-250 Anterior Single**

14 × 24 TI250**AS-1**

mm **Ti-250 Posterior Single**

20 × 25 TI250**PS-1**

mm **TXT-200 Posterior Large**

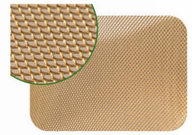
25 × 30 TI250**PL-1**

Osteo-Mesh

- Titanium-mesh membrane
- Titanium membrane
- Excellent biocompatibility
- Manufacturer : Osteogenics, USA

mm

25 × 34 TM**300**



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

※ Disposable. Do not reuse

- ☑ **SMART 3D Design**
- ☑ **SMART Handling**
- ☑ **SMART Covering**
- ☑ **SMART Conduction**
- ☑ **SMART Healing**

OB2
Lateral Builder

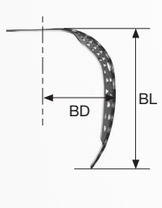
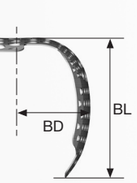
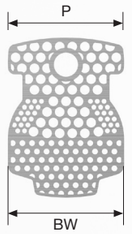
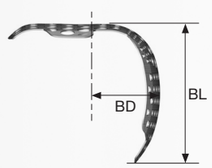
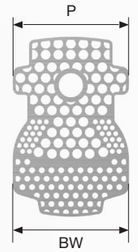
Titanium membrane for reconstruction of minor vertical/horizontal bone loss in the socket extraction, fenestration, and dehiscence defects

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

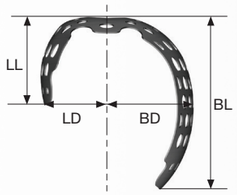
Augmentation		P	BW	BL	BD	
1 Wall		4	8	7	5.5	SM1W**487SB**
		4	10	7	5.5	SM1W**4107SB**
		4	10	9	5.5	SM1W**4109SB**
2 Wall Buccal-Proximal		7	9	7	5.5	SM2W**797SB**
		7	9	9	5.5	SM2W**799SB**
		10	12	7	5.5	SM2W**10127SB**
		10	12	9	5.5	SM2W**10129SB**
		12	12	7	5.5	SM2W**12127SB**
		12	12	9	5.5	SM2W**12129SB**
3 Wall		7	9	7	5.5	SM3W**797SB**
		7	9	9	5.5	SM3W**799SB**
		10	12	7	5.5	SM3W**10127SB**
		10	12	9	5.5	SM3W**10129SB**
		12	12	7	5.5	SM3W**12127SB**
		12	12	9	5.5	SM3W**12129SB**

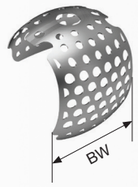
Builder Type

BW = Buccal Width
BL = Buccal Length
LL = Lingual Length
BD = Buccal Distance
LD = Lingual Distance

OB3 Jaw Builder

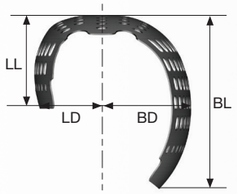
Horizontal

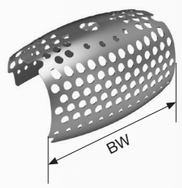




Augmentation	BW	BL	LL	BD	LD	
	10	7	3.5	5.5	3.7	SB3H**107F**
	10	9	4.5	5.5	3.7	SB3H**109F**
	10	11	6	5.5	3.7	SB3H**1011F**

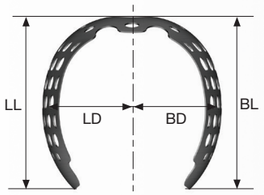
Horizontal

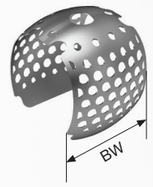




	20	7	3.5	5.5	3.7	SB3H**207F**
	20	9	4.5	5.5	3.7	SB3H**209F**
	20	11	6	5.5	3.7	SB3H**2011F**

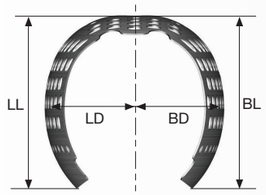
Vertical

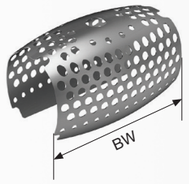




	10	7	7	5.5	5.5	SB3V**107F**
	10	9	9	5.5	5.5	SB3V**109F**
	10	11	11	5.5	5.5	SB3V**1011F**

Vertical





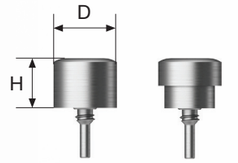
	20	7	7	5.5	5.5	SB3V**207F**
	20	9	9	5.5	5.5	SB3V**209F**
	20	11	11	5.5	5.5	SB3V**2011F**

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



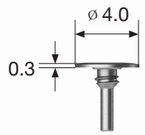
For OB1 only

D \ H	3.0	4.0
ø4.0	SBHC**4030**	SBHC**4040**
ø5.0	SBHC**5030**	SBHC**5040**

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

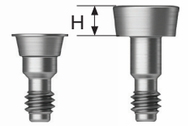


D \ H	0.3
ø4.0	SBCC4000

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



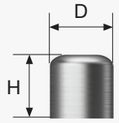
C \ H	0	0.5	1.0	1.5	2.0	2.5	3.0
Mini	SBAC**3500TSM**	SBAC**3505TSM**	SBAC**3510TSM**	SBAC**3515TSM**	SBAC**3520TSM**	SBAC**3525TSM**	SBAC**3530TSM**
Regular	SBAC**4000TSR**	SBAC**4005TSR**	SBAC**4010TSR**	SBAC**4015TSR**	SBAC**4020TSR**	SBAC**4025TSR**	SBAC**4030TSR**

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

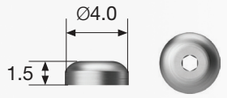


D \ H	3.0	4.0
Ø4.0	SMHA**443R**	SMHA**444R**
Ø5.0	SMHA**553R**	SMHA**554R**

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

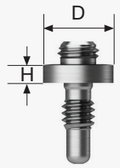


D \ H	1.5
Ø4.0	SMCC415

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	SMHI**310USM**	SMHI**315USM**	SMHI**320USM**	SMHI**325USM**	SMHI**330USM**
Ø4.0	SMHI**410USR**	SMHI**415USR**	SMHI**420USR**	SMHI**425USR**	SMHI**430USR**
Ø5.1	SMHI**510USW**	SMHI**515USW**	SMHI**520USW**	SMHI**525USW**	SMHI**530USW**
Ø5.0	SMHI**510USP**	SMHI**515USP**	SMHI**520USP**	SMHI**525USP**	SMHI**530USP**

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

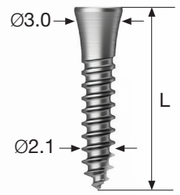
C \ H	0	0.5	1.0	1.5	2.0	2.5	3.0
3.0-3.5	OBAC**3500KSM**	OBAC**3505KSM**	OBAC**3510KSM**	OBAC**3515KSM**	OBAC**3520KSM**	OBAC**3525KSM**	OBAC**3530KSM**
4.0-	OBAC**4000KSR**	OBAC**4005KSR**	OBAC**4010KSR**	OBAC**4015KSR**	OBAC**4020KSR**	OBAC**4025KSR**	OBAC**4030KSR**

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
	SBS20**08I**	SBS20**10I**	SBS20**11I**	SBS20**13I**

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

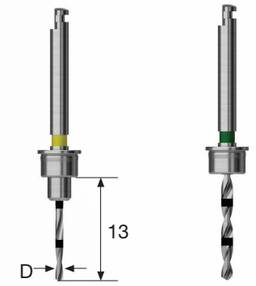
- KIT composed of all necessary tools for GBR procedure
- Convenient GBR procedure by using OssBuilder OB2 and OB3, along with OB anchor, cover cap and healing cap.
- Use of the tenting screw allows users to deal with extensive vertical/horizontal bone loss even in narrow ridges
- Use of AutoBone collector 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	TD**1013TL**	TD**1513TL**



Stopper 2010.10

- Use by connecting with tenting screw drill

L	3	5	7
	OSNST3	OSNST5	OSNST7

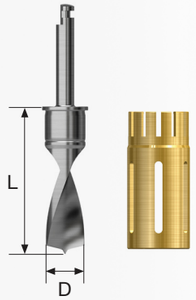
AutoBone Collector

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)	OABC**304S**	OABC**404S**	OABC**504S**	OABC**604S**
Long (21.94)	OABC**304L**	OABC**404L**	OABC**504L**	OABC**604L**



Drill

Stopper 2013.03

- Stops at a drilling depth of 4mm for harvesting of cortical bone
- Stores the autogenous bone harvested from drilling

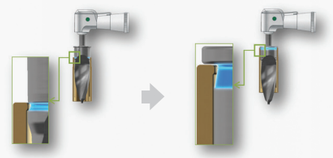
L \ D	Ø3.0	Ø4.0	Ø5.0	Ø6.0
Short	OABC2ST**304S**	OABC2ST**404S**	OABC2ST**504S**	OABC2ST**604S**
Long	OABC2ST**304L**	OABC2ST**404L**	OABC2ST**504L**	OABC2ST**604L**

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

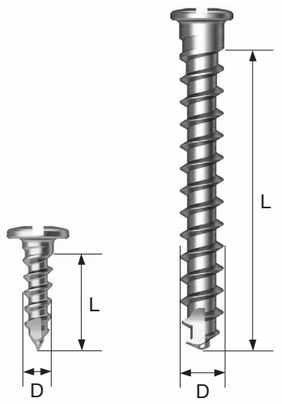
- Machine surface
- Material : Ti-6Al-4V

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		
	BSCH**1203**	BSCH**1204**	BSCH**1205**	-	-

D ø1.4

D \ L	4	6	8		
	BSCH**1404**	BSCH**1406**	BSCH**1408**	-	-

D ø2.0

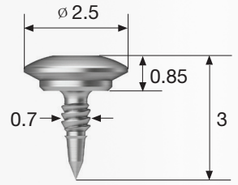
D \ L	8	10	12	14	16
	BSCH**2008**	BSCH**2010**	BSCH**2012**	BSCH**2014**	BSCH**2016**

Membrane Fixation Screw

Bone Tack 2018.10

- For membrane fixation
- Machine surface
- Material: Ti-6Al-4V

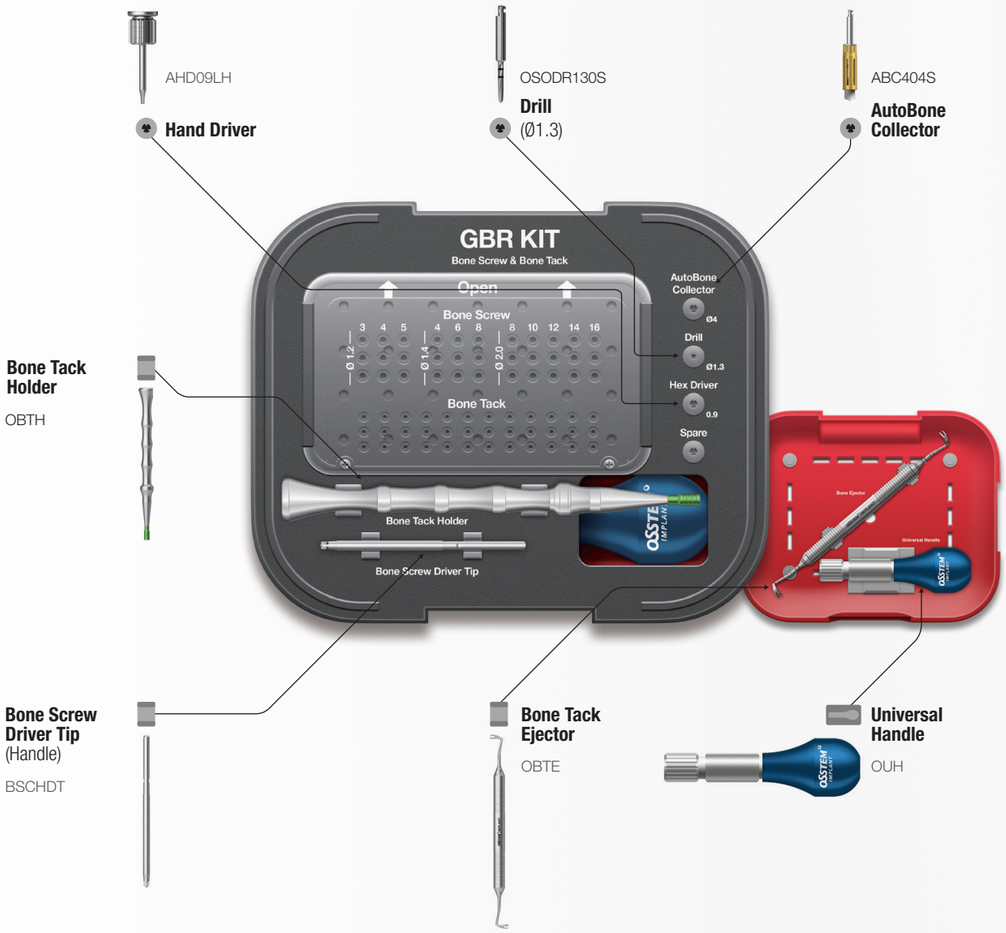
※ Disposable. Do not reuse



D \ L	3.0
ø2.5	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

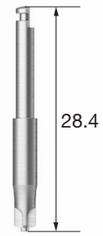
BSCHDT

Universal Handle

• Used by connecting to a bone screw driver tip (handle)

OUH

Bone Screw Driver (Engine)

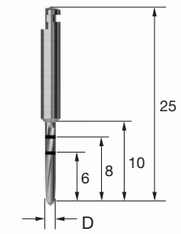


• Used by connecting with an engine
• Tighten the bone screw upright fully before use

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

OBTH

OBTH

Bone Tack Holder

OBTHP

Bone Tack Holder Protector

OBTHT

Bone Tack Holder Tip

OBTHH

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

OBTE

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

Normal	Light Body	4 cartridges	ESS**50LS**	
		15 cartridges	ESS**50LSB**	
	Mono Body	4 cartridges	ESS**50MS**	
		15 cartridges	ESS**50MSB**	
	Heavy Body	4 cartridges	ESS**50HS**	
		15 cartridges	ESS**50HSB**	
	Bite	4 cartridges	ESS**50BS**	

50ml Cartridges

Fast	Light Body	4 cartridges	ESS**50LF**	
		15 cartridges	ESS**50LFB**	
	Mono Body	4 cartridges	ESS**50MF**	
		15 cartridges	ESS**50MFB**	
	Heavy Body	4 cartridges	ESS**50HF**	
		15 cartridges	ESS**50HFB**	

Putty

Putty	Base 400ml Catalyst 400ml	ESS**400PS**	

Impression Materials HySil Plus

380ml Automix Cartridges

Mono body 2 cartridges ESS**380MS**

Heavy body 2 cartridges ESS**380HS**

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	JFSTG**50**	
50ml Light Body Mixing Tip 50 (New model)	50mm	JFSTY**50**	
50ml Dispenser Gun		JFS**50DA**	

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 **50ml** Mono Body Mixing Tip 50	S-P100 S-P50	
50ml Mono Body Oral Tip 100 **50ml** Light Body Oral Tip 100	S-OP100 S-OY100	
50ml Heavy Body Mixing Tip 300 **50ml Heavy Body Mixing Tip 100**	OMTH300 OMTH100	
50ml Light Body Mixing Tip 300 **50ml Light Body Mixing Tip 100**	OMTL300 OMTL100	

OSSTEM IMPLANT

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

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 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

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

CAD CAD S/W

Design Studio

- One-day prosthesis fabrication using TRIOS scan
- Crown, inlay, onlay, SCRP crown
- Auto design feature
- One-stop solution from scanning, design to milling

Stand alone 80241140

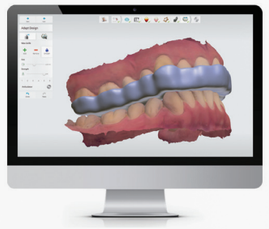
Implant Studio

- Guide design using scan data and CT data
- Implant planning
- Available format of importing files: STL, DCM

Stand alone 80240020
Implant studio(T) 85240060
Implant studio(D) 85240010

Clear Aligner Studio

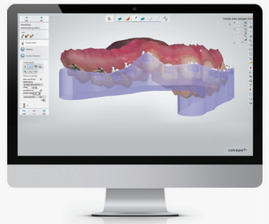
- Design of orthodontic appliances using scan data
- Clear aligner design
- Bracket bonding jig design



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

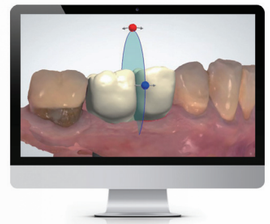
80245420

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
  - 10㎛ 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

OneMill4X

TRIOS Design Studio
(80241140)

OneMill 5X

- High-Precision 5-Axis Milling Machine Optimized for Modelless Prosthetics
  - 10㎛ precision for milling/replication
  - For disk materials (dry milling)
- Simultaneous 5-axis milling allows precise fabrication of prosthesis with different geometries
- 3-way airblow 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 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 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 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

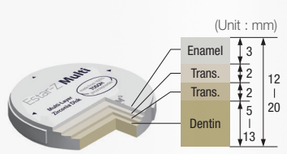
Anterior/Posterior

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

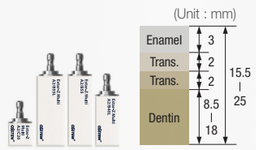


Anterior/Posterior

Thickness(mm)	Shade / Order Code		
	A1	A2	A3
12	ZP9A1012T	ZP9A2012T	ZP9A3012T
16	ZP9A1016T	ZP9A2016T	ZP9A3016T
20	ZP9A1020T	ZP9A2020T	ZP9A3020T

Estar-Z 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 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^{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

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
	55	A0	ZIR BLOCK S1 1200 55 (4)	ZIR S1-55
		A1	ZIR BLOCK S1 A1 1200 55 (4)	ZIR S1A1-55
		A2	ZIR BLOCK S1 A2 1200 55 (4)	ZIR S1A2-55
		A3	ZIR BLOCK S1 A3 1200 55 (4)	ZIR S1A3-55
Zirmon TS (Anterior, 800MPa)	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
	55	A0	ZIR BLOCK S1P 650 55 (4)	ZIR S1 PLUS-55
		A1	ZIR BLOCK S1P A1 650 55 (4)	ZIR S1 PLUSA1-55
		A2	ZIR BLOCK S1P A2 650 55 (4)	ZIR S1 PLUSA2-55
		A3	ZIR BLOCK S1P A3 650 55 (4)	ZIR S1 PLUSA3-55
Zircen (Anterior/Posterior, 1100MPa)	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
	55	A0	ZIR BLOCK S1M 1100 55 (4)	ZIR S1M-55
		A1	ZIR BLOCK S1M A1 1100 55 (4)	ZIR S1MA1-55
		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
	C14	A1	IPS E.MAX CAD CEREC/INLAB LT A1 C14/5	605328
		A2	IPS E.MAX CAD CEREC/INLAB LT A2 C14/5	605329
		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	626391
		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	EC40M1HTEM14
	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

Output Milling & Material

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
		A3.5	MAZIC DURO 12 LT A3.5 (5)	MD 12LTA35
	14	A1	MAZIC DURO 14 LT A1 (5)	MD 14LTA1
		A2	MAZIC DURO 14 LT A2 (5)	MD 14LTA2
		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 (≤100um)
- 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 (≥46mm/h)
- Excellent output precision (≤100um)
- 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

ONE DIGITAL

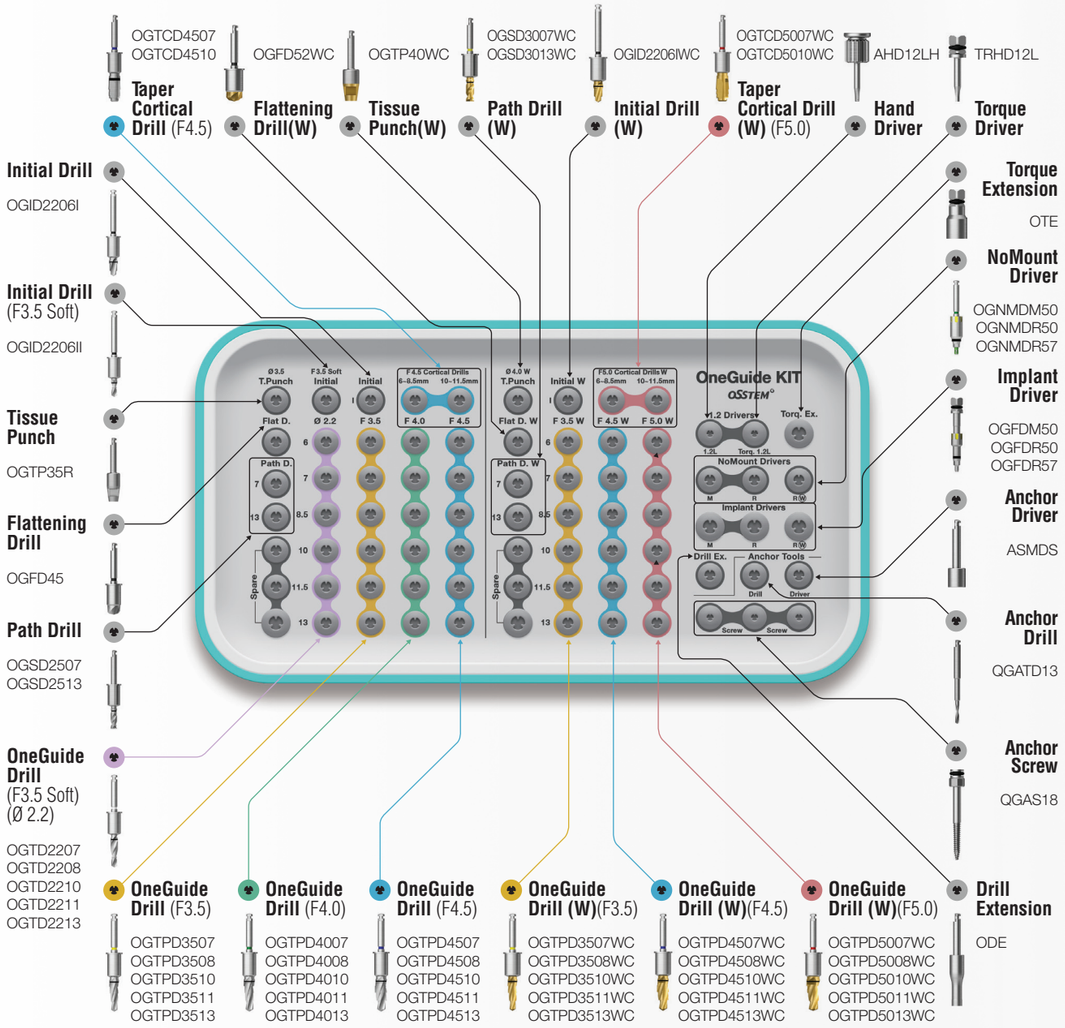
OneGuide KIT (OOGK) RENEWAL 2020

Applicable Products TSIII / IV | KSIII | SSIII | USIII / IV

Top panel components

Torque Wrench
TW30B

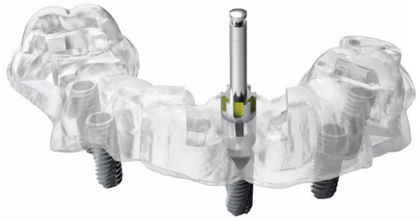
Depth Gauge
OSDG



OneGuide KIT Surgical Instruments

OneGuide

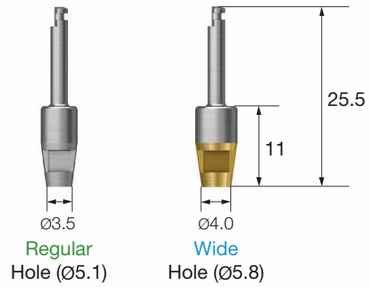
- Sleeveless type : 2 types, open type and close type
  - Open type can be used in posterior region with limited opening
- Metal sleeve type : Only close type available
  - Inserted into the OneGuide hole for use
  - Can be selected as an option when ordering the surgical guide
- Two types of guide hole 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

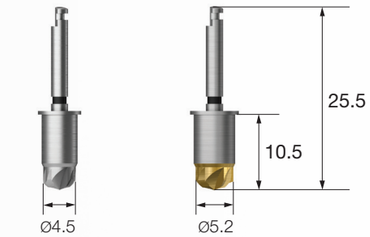


Ø3.5 Regular Hole (Ø5.1)
Ø4.0 Wide Hole (Ø5.8)

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

	Regular Hole (Ø5.1)	Wide Hole (Ø5.8)
F4.5 이하	OGFD45	-
F5.0	-	OGFD52WC



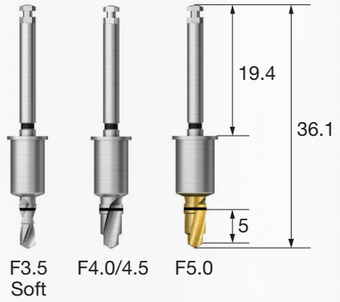
Ø4.5 Regular Hole (Ø5.1)
Ø5.2 Wide Hole (Ø5.8)

OneGuide KIT Surgical Instruments

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

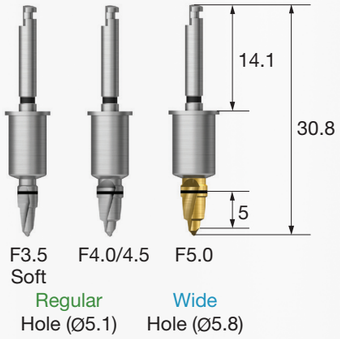
	Regular Hole (Ø5.1)	Wide Hole (Ø5.8)
F3.5 Soft	OGID2206II	-
F4.0/F4.5	OGID2206I	-
F5.0	-	OGID2206IWC



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

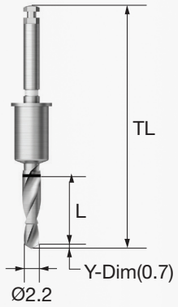


OneGuide Twist Drill (Ø2.2)

- Used for placing F3.5 implant in soft bone
- Available in 5 types according to the length
- Recommended speed : 800~1,200 rpm

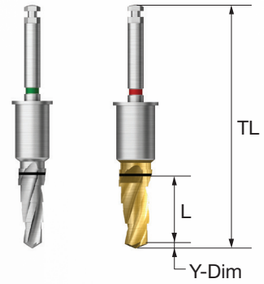
Regular Hole (Ø5.1)

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)

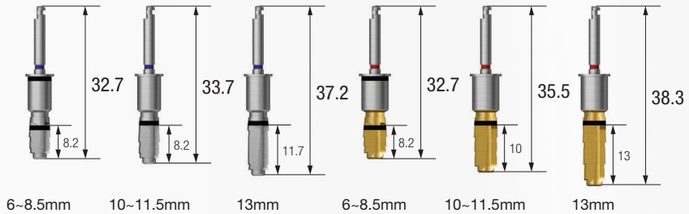
L	TL	F3.5(W)	F4.5(W)	F5.0(W)	F5.5(W)
	Y-Dim	0.7	1.0	1.0	1.0
6	36.1	OGTPD3506WC	OGTPD4506WC	OGTPD5006WC	OGTPD5506WC
7	36.1	OGTPD3507WC	OGTPD4507WC	OGTPD5007WC	OGTPD5507WC
8.5	36.1	OGTPD3508WC	OGTPD4508WC	OGTPD5008WC	OGTPD5508WC
10	36.1	OGTPD3510WC	OGTPD4510WC	OGTPD5010WC	OGTPD5510WC
11.5	37.6	OGTPD3511WC	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



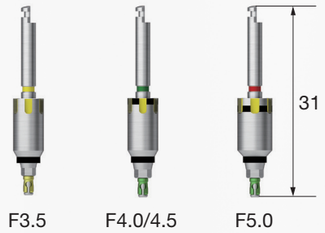
L	Regular Hole (Ø5.1) F4.5	Wide Hole (Ø5.8) F5.0W
6 / 7 / 8.5mm	OGTCD4507	OGTCD5007WC
10 / 11.5mm	OGTCD4510	OGTCD5010WC
13mm	OGTCD4513	OGTCD5013WC

NoMount Driver

- Used for placing NoMount Implant

※ Placement up to 80% of the planned implant placement depth is recommended

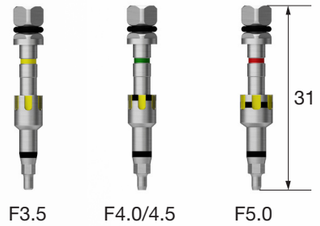
- C = Connection



C	Regular Hole (Ø5.1) Mini	Regular Hole (Ø5.1) Regular	Wide Hole (Ø5.8) Regular
F3.5	OGNMDM50	-	-
F4.0 / F4.5	-	OGNMDR50	-
F5.0	-	-	OGNMDR57

Implant Driver

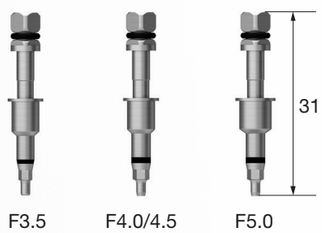
- Used by assembling to a wrench for adjusting the final placement depth
- Yellow groove formed to align the abutment hex direction
- Checked by matching the groove of OneGuide with the groove of the driver
- Based on marking line (Placed by aligning to the top of the OneGuide template)
  1) F4.0/4.5 : 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) Mini	Regular Hole (Ø5.1) Regular	Wide Hole (Ø5.8) Regular
F3.5	OGFDM50	-	-
F4.0 / F4.5	-	OGFDR50	-
F5.0	-	-	OGFDR57

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) Mini	Regular Hole (Ø5.1) Regular	Wide Hole (Ø5.8) Regular
F3.5	OGFDSM50	-	-
F4.0 / F4.5	-	OGFDSR50	-
F5.0	-	-	OGFDSR57

OneGuide KIT Surgical Instruments

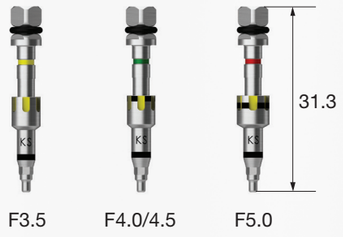
OneGuide KS NoMount Driver NEW 2020

- 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) Regular	Regular Hole (ø5.1) Regular	Wide Hole (ø5.8) Regular
F3.5	OGNMDM50K	-	-
F4.0 / F4.5	-	OGNMDR50K	-
F5.0	-	-	OGNMDR57K

OneGuide KS Implant Driver

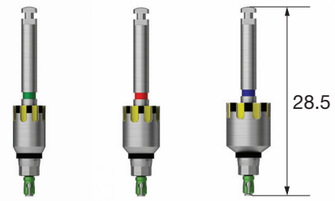
- Used by assembling to a wrench for adjusting the final placement depth
- Yellow groove formed to align the abutment hex direction
- Checked by matching the groove of OneGuide with the groove of the driver
- Based on marking line (Placed by aligning to the top of the OneGuide template)
  1) F4.0/4.5 : 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) Regular	Regular Hole (ø5.1) Regular	Wide Hole (ø5.8) Regular
F3.5	OGFDM50K	-	-
F4.0 / F4.5	-	OGFDR50K	-
F5.0	-	-	OGFDR57K

OneGuide SS NoMount Driver

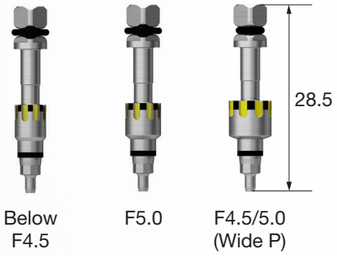
- SSIII Used for placing NoMount Implant
- Placement up to 80% of the planned implant placement depth is recommended
- Sold as an individual item
- P = Platform



P	Regular Hole (ø5.1) Regular	Wide Hole (ø5.8) Regular	Extra Wide Hole (ø6.8) 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

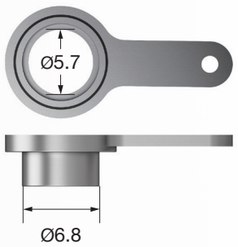


P	Regular Hole (ø5.1) Regular	Wide Hole (ø5.8) Regular	Extra Wide Hole (ø6.8) Wide
Below F4.5	OGFDR50S	-	-
F5.0	-	OGFDR57S	-
F4.5 / 5.0(Wide P)	-	-	OGFDW67S

OneGuide Drill Handle

- Used for SSIII wide platform implant procedure
- Exclusively for extra wide hole (Ø6.8)
- Sold as an individual item

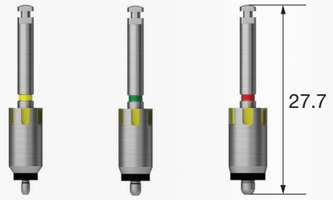
OGDH



OneGuide KIT Surgical Instruments

OneGuide US NoMount Driver

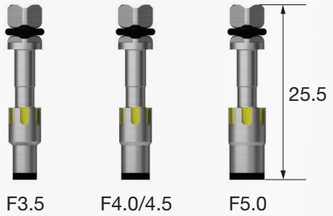
- USIII Used for placing NoMount Implant
- Placement up to 80% of the planned implant placement depth is recommended
- Sold as an individual item
- P = Platform



P	Regular Hole (Ø5.1) Mini	Regular Hole (Ø5.1) Regular	Wide Hole (Ø5.8) Wide
F3.5	OGNMDM50U	-	-
F4.0 / F4.5	-	OGNMDR50U	-
F5.0	-	-	OGNMDW57U

OneGuide US Implant Driver

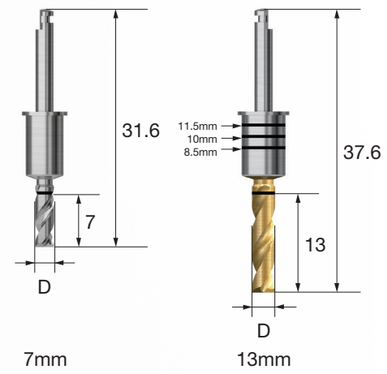
- Used by assembling to a wrench for adjusting the final placement depth
- Yellow groove formed to align the abutment hex direction
- Checked by matching the groove of OneGuide with the groove of the driver
- Sold as an individual item
- P = Platform



P	Regular Hole (Ø5.1) Mini	Regular Hole (Ø5.1) Regular	Wide Hole (Ø5.8) 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



7mm 13mm

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

OneGuide KIT Surgical Instruments

Anchor Screw

- Used for fixing OneGuide in place (e.g. edentulous case)
- Selective application in preoperative planning stage

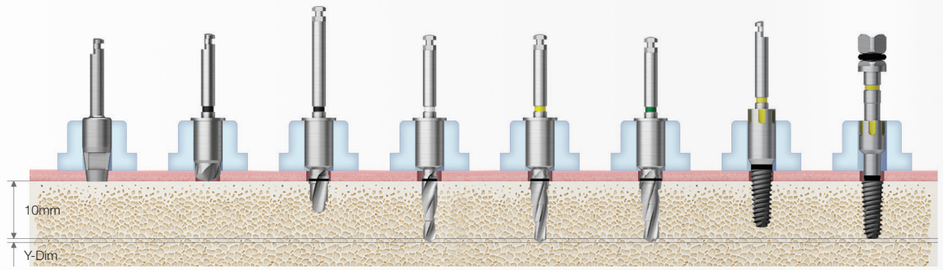
QGAS18

Drilling Sequence **OneGuide Drill**

TSIII | KSIII | SSIII | USIII

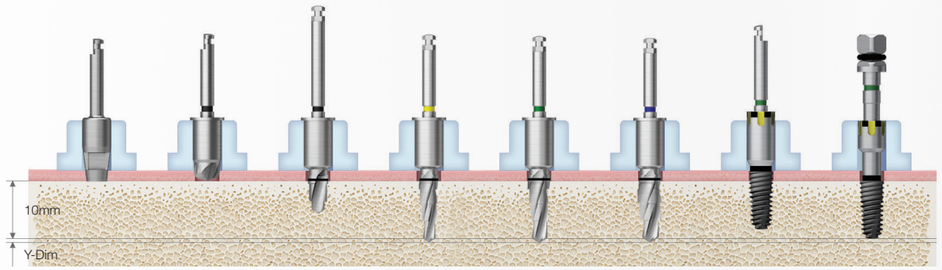
(Length : 10mm)

ø3.5



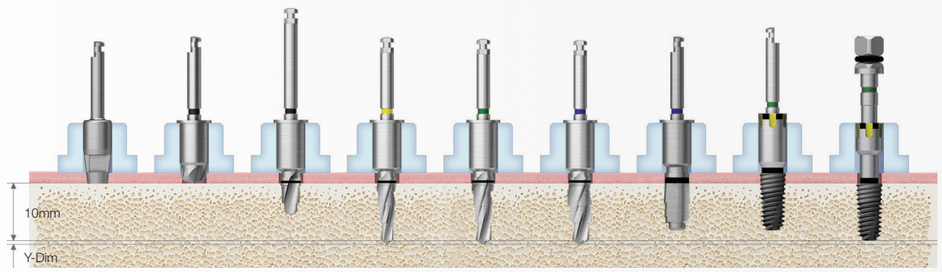
Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (Ø2.2)	Drill (F3.5)	Drill (F4.0)	Nomount Driver	Implant Driver
Soft	▶	(▶)	(F3.5 Soft)▶	▶			Implant Placement (Up to 80%)	Implant Placement
Normal	▶	(▶)	▶		▶			
Hard	▶	(▶)	▶		▶	▶		

ø4.0



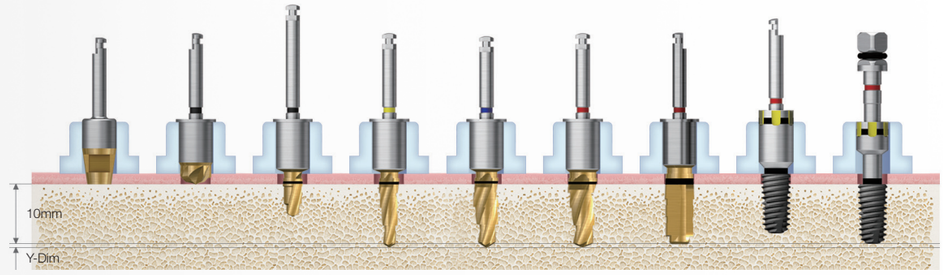
Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	▶			Implant Placement (Up to 80%)	Implant Placement
Normal	▶	(▶)	▶	▶	▶			
Hard	▶	(▶)	▶	▶		▶		

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	▶	(▶)	▶	▶	▶			Implant Placement (Up to 80%)	Implant Placement
Normal	▶	(▶)	▶	▶		▶			
Hard	▶	(▶)	▶	▶		▶	▶		

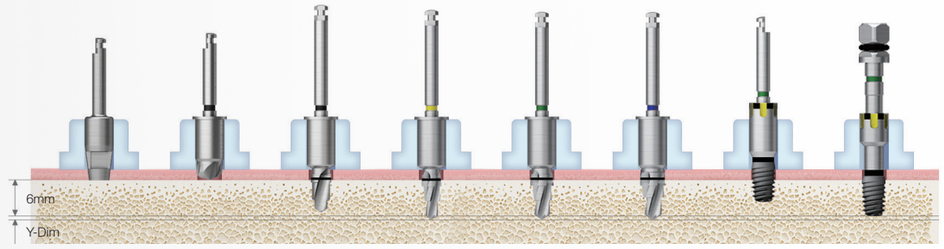
ø5.0



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	▶	(▶)	▶	▶	▶			Implant Placement (Up to 80%)	Implant Placement
Normal	▶	(▶)	▶	▶		▶			
Hard	▶	(▶)	▶	▶		▶	▶		

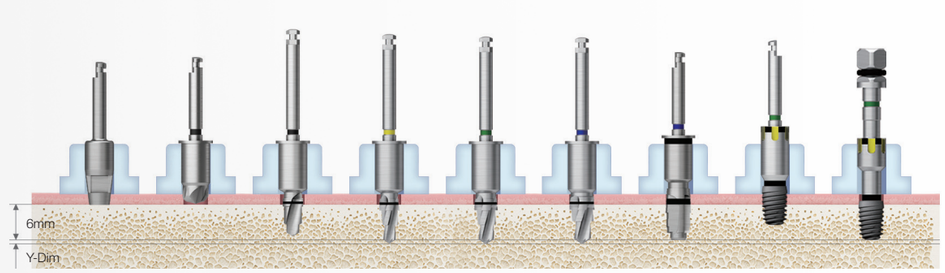
※ For extra short implants (Ø4.0, Ø4.5 / 6mm) only : TS3S4006S, TS3S4506S

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			Implant Placement (Up to 80%)	Implant Placement
Normal	▶	(▶)	▶	F3.5x6	F4.0x6			
Hard	▶	(▶)	▶	F3.5x6		F4.5x6		

ø4.5



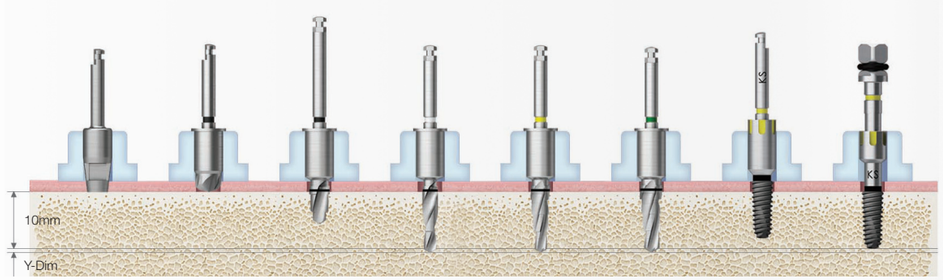
Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Cortical (F4.5)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	F3.5x6	F4.0x6			Implant Placement (Up to 80%)	Implant Placement
Normal	▶	(▶)	▶	F3.5x6		F4.5x6			
Hard	▶	(▶)	▶	F3.5x6		F4.5x6	F4.5x6~8.5		

Drilling Sequence **OneGuide Drill**

TSIII | KSIII | SSIII | USIII

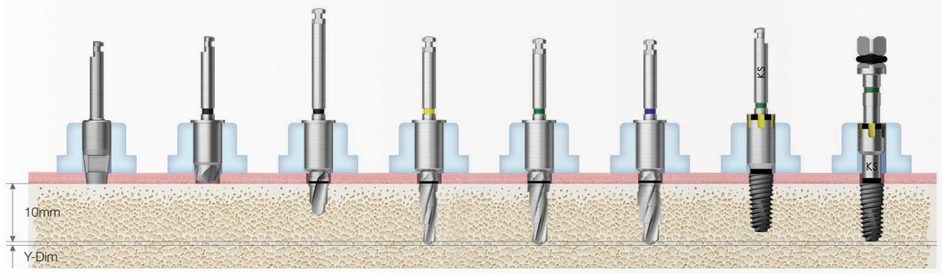
(Length : 10mm)

Ø3.5



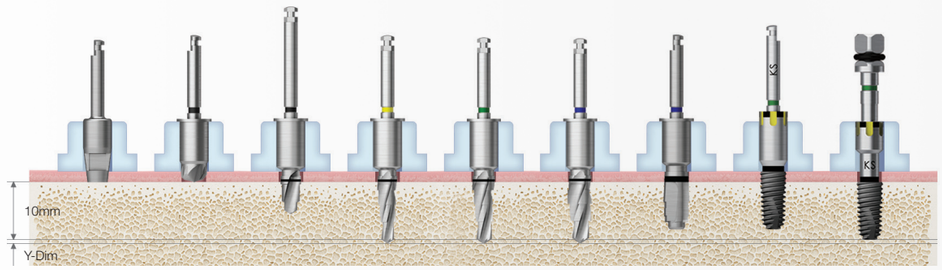
Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (Ø2.2)	Drill (F3.5)	Drill (F4.0)	Nomount Driver	Implant Driver
Soft	▶	(▶)	(F3.5 Soft)▶	▶			Implant Placement (Up to 80%)	Implant Placement
Normal	▶	(▶)	▶		▶			
Hard	▶	(▶)	▶		▶	▶		

Ø4.0



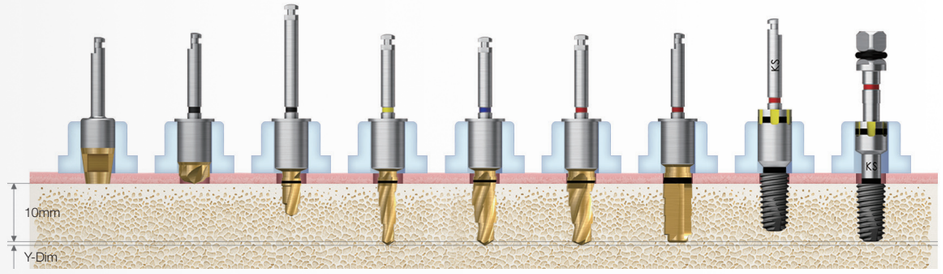
Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	▶			Implant Placement (Up to 80%)	Implant Placement
Normal	▶	(▶)	▶	▶	▶			
Hard	▶	(▶)	▶	▶		▶		

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	▶	(▶)	▶	▶	▶			Implant Placement (Up to 80%)	Implant Placement
Normal	▶	(▶)	▶	▶		▶			
Hard	▶	(▶)	▶	▶		▶	▶		

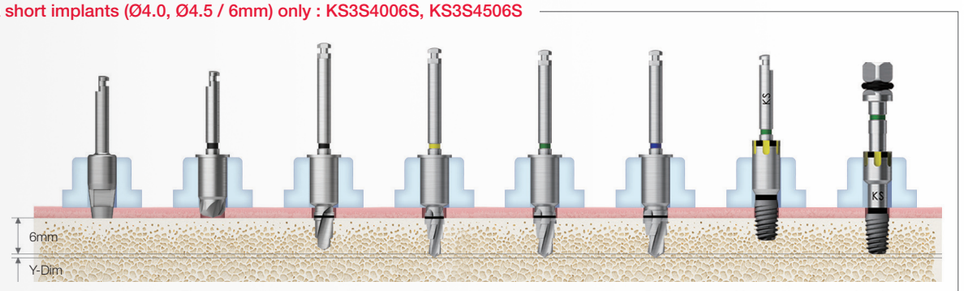
Ø5.0



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	▶	(▶)	▶	▶	▶			Implant Placement (Up to 80%)	Implant Placement
Normal	▶	(▶)	▶	▶		▶			
Hard	▶	(▶)	▶	▶		▶	▶		

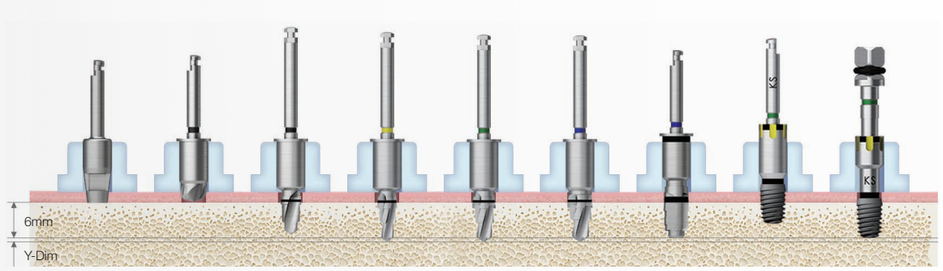
※ For extra short implants (Ø4.0, Ø4.5 / 6mm) only : KS3S4006S, KS3S4506S

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			Implant Placement (Up to 80%)	Implant Placement
Normal	▶	(▶)	▶	F3.5x6	F4.0x6			
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			Implant Placement (Up to 80%)	Implant Placement
Normal	▶	(▶)	▶	F3.5x6		F4.5x6			
Hard	▶	(▶)	▶	F3.5x6		F4.5x6	F4.5x6~8.5		

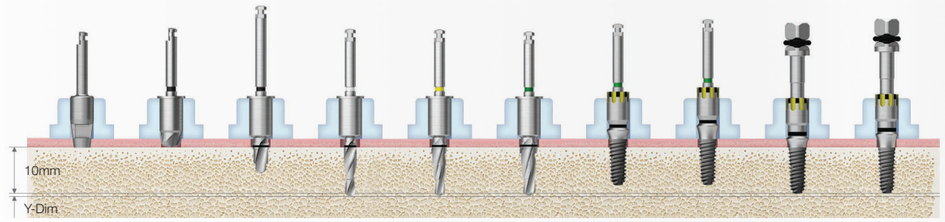
Drilling Sequence **OneGuide Drill**

TSIII | KSIII | SSIII | USIII

(Length : 10mm)

ø3.5

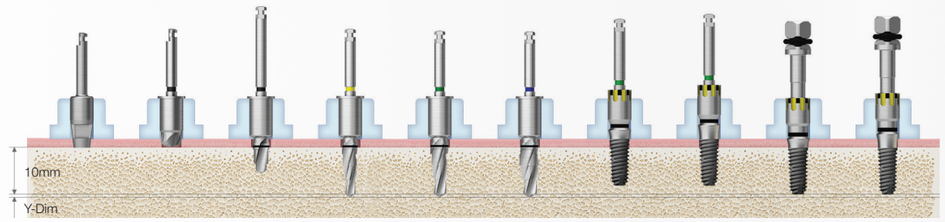
R



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)▶	▶			Implant Placement (Up to 80%)		Implant Placement	
Normal	▶	(▶)	▶		▶					
Hard	▶	(▶)	▶		▶	▶				

ø4.0

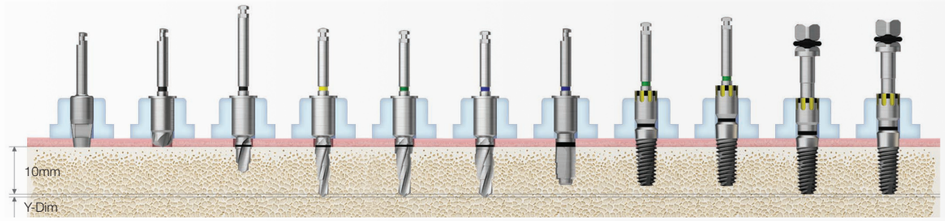
R



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	▶	(▶)	▶	▶			Implant Placement (Up to 80%)		Implant Placement	
Normal	▶	(▶)	▶	▶	▶					
Hard	▶	(▶)	▶	▶		▶				

ø4.5

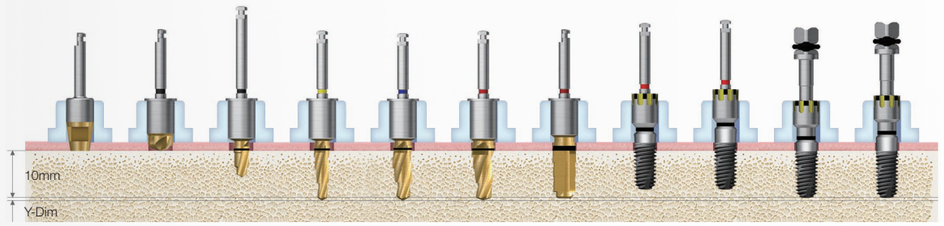
R



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	▶	(▶)	▶	▶	▶			Implant Placement (Up to 80%)		Implant Placement	
Normal	▶	(▶)	▶	▶		▶					
Hard	▶	(▶)	▶	▶		▶	▶				

ø5.0

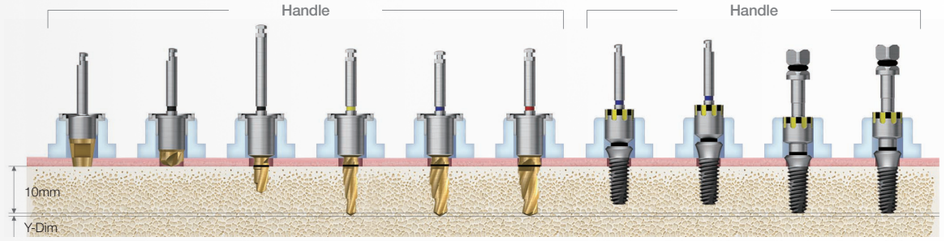
R



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 (W) (G/H 1.8)	Nomount Driver (W) (G/H 2.8)	Implant Driver (W) (G/H 1.8)	Implant Driver (W) (G/H 2.8)
Soft	▶	(▶)	▶	▶	▶			Implant Placement (Up to 80%)		Implant Placement	
Normal	▶	(▶)	▶	▶		▶					
Hard	▶	(▶)	▶	▶		▶	▶				

ø4.5

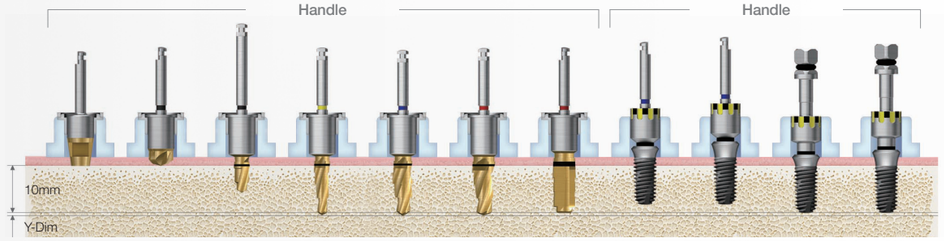
W



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 (W) (G/H 1.8)	Nomount Driver (W) (G/H 2.8)	Implant Driver (W) (G/H 1.8)	Implant Driver (W) (G/H 2.8)
Soft	▶	(▶)	▶	▶			Implant Placement (Up to 80%)		Implant Placement	
Normal	▶	(▶)	▶	▶	▶					
Hard	▶	(▶)	▶	▶		▶				

ø5.0

W



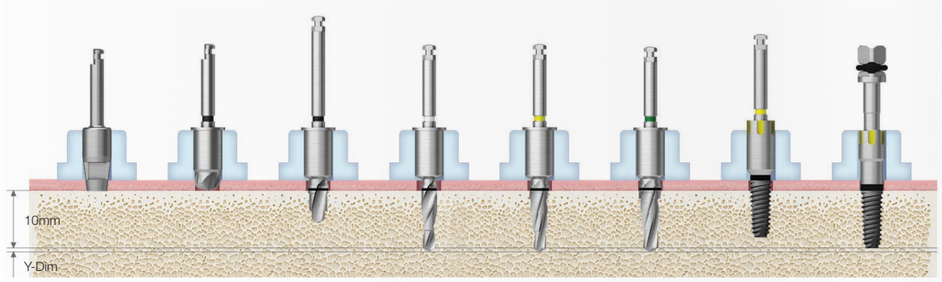
Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Initial Drill (W)	Drill (W) (F3.5)	Drill (W) (F4.5)	Drill (W) (F5.0)	Cortical (W) (F5.0)	Nomount Driver (W) (G/H 1.8)	Nomount Driver (W) (G/H 2.8)	Implant Driver (W) (G/H 1.8)	Implant Driver (W) (G/H 2.8)
Soft	▶	(▶)	▶	▶	▶			Implant Placement (Up to 80%)		Implant Placement	
Normal	▶	(▶)	▶	▶		▶					
Hard	▶	(▶)	▶	▶		▶	▶				

Drilling Sequence **OneGuide Drill**

TSIII | KSIII | SSIII | USIII

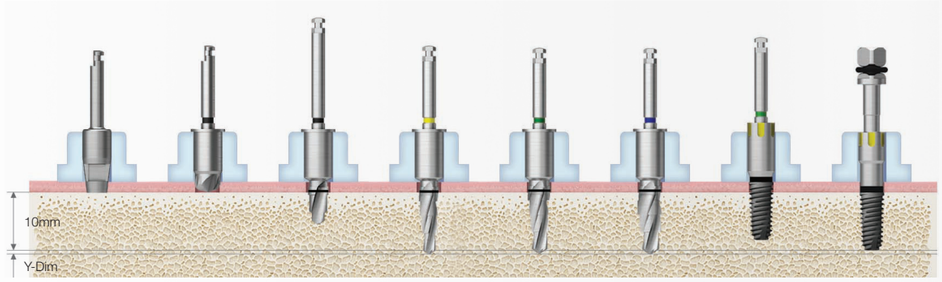
(Length : 10mm)

ø3.5



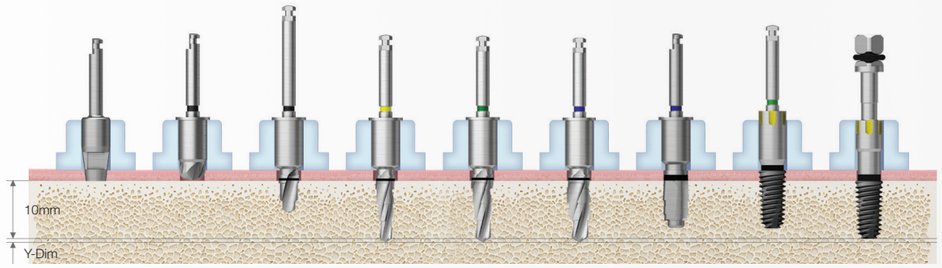
Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (Ø2.2)	Drill (F3.5)	Drill (F4.0)	Nomount Driver	Implant Driver
Soft	▶	(▶)	(F3.5 Soft)▶	▶			Implant Placement (Up to 80%)	Implant Placement
Normal	▶	(▶)	▶		▶			
Hard	▶	(▶)	▶		▶	▶		

ø4.0



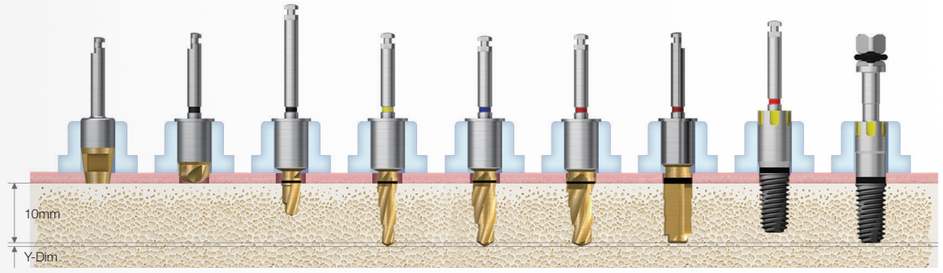
Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	▶			Implant Placement (Up to 80%)	Implant Placement
Normal	▶	(▶)	▶	▶	▶			
Hard	▶	(▶)	▶	▶		▶		

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	▶	(▶)	▶	▶	▶			Implant Placement (Up to 80%)	Implant Placement
Normal	▶	(▶)	▶	▶		▶			
Hard	▶	(▶)	▶	▶		▶	▶		

ø5.0

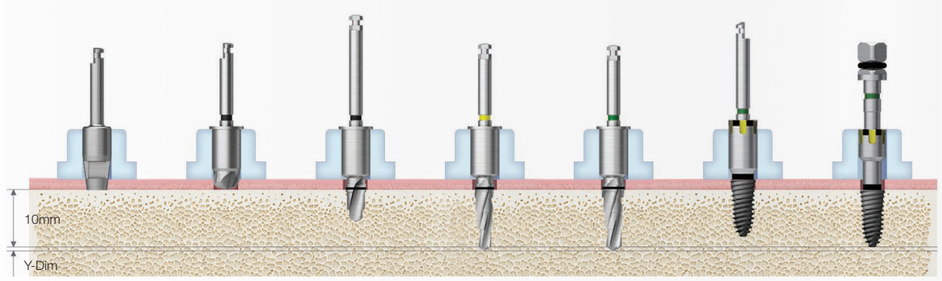


Bone Quality	Tissue Punch	Flattening Drill (W)	Initial Drill (W)	Drill (W) (F3.5)	Drill (W) (F4.5)	Drill (W) (F5.0)	Cortical (W) (F5.0)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	▶	▶			Implant Placement (Up to 80%)	Implant Placement
Normal	▶	(▶)	▶	▶		▶			
Hard	▶	(▶)	▶	▶		▶	▶		

Drilling Sequence **OneGuide Drill**

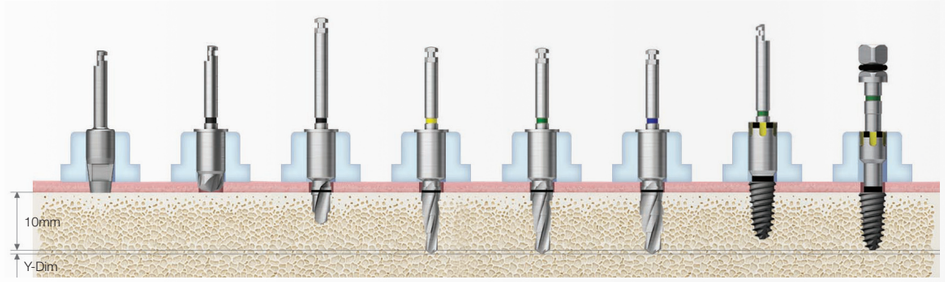
TSIV
(Length : 10mm)

ø4.0



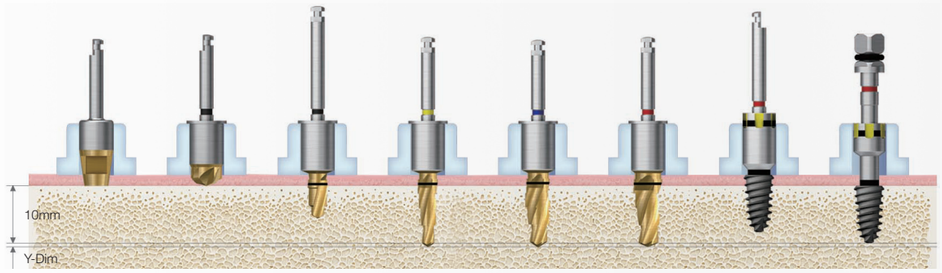
Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	▶		Implant Placement (Up to 80%)	Implant Placement
Normal	▶	(▶)	▶	▶	▶		

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	▶	(▶)	▶	▶		▶		

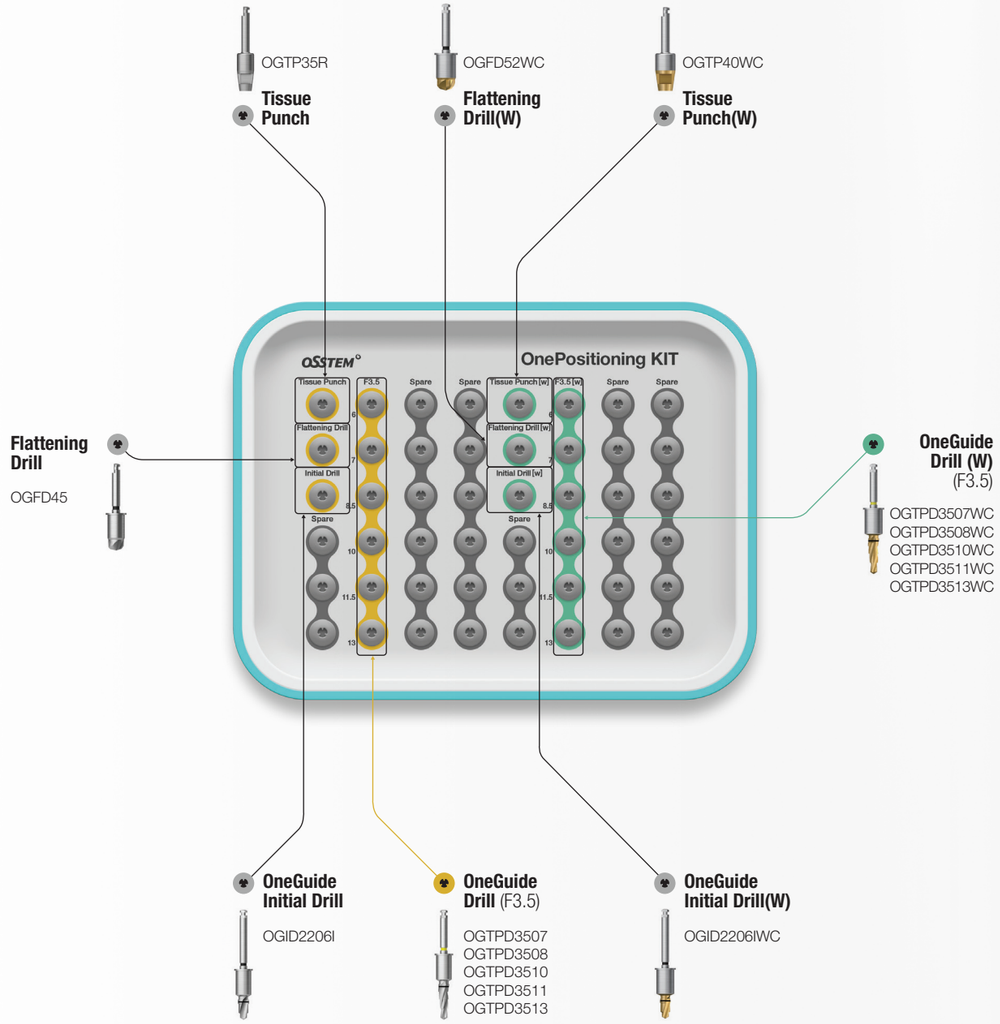
OSSTEM IMPLANT

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

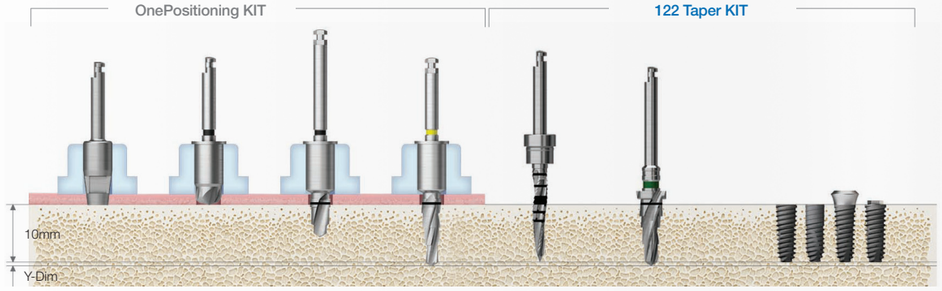


Drilling Sequence **OneGuide Drill + 122 Taper Drill**

TSIII/IV | KSIII | SSIII | USIII/IV | III/IV Ultra-wide

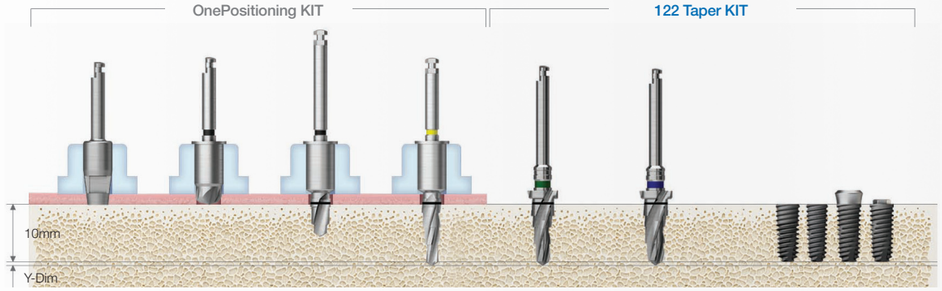
(Length : 10mm)

ø3.5



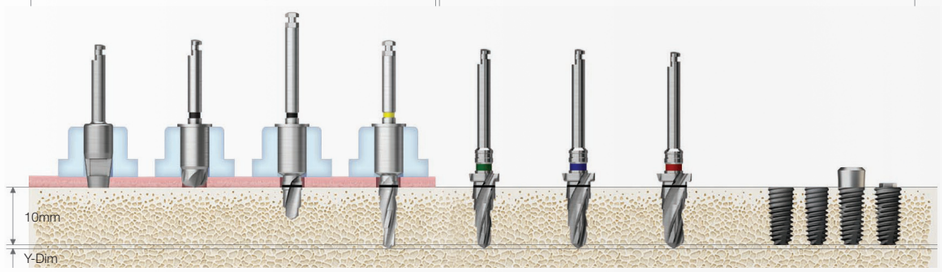
Bone Quality	Tissue Punch	Flattening	Initial	F3.5	Guide Drill	F4.0	
Soft	(▶)	(▶)	▶ F3.5 soft (Option)		▶		Implant Placement
Normal	(▶)	(▶)	▶	▶			
Hard	(▶)	(▶)	▶	▶		▶	

ø4.0



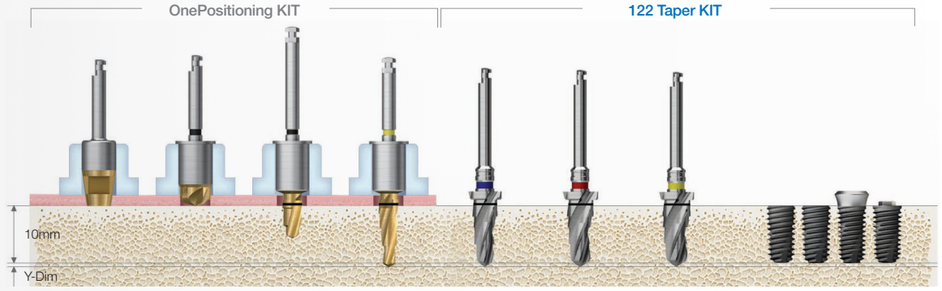
Bone Quality	Tissue Punch	Flattening	Initial	F3.5	F4.0	F4.5	
Soft	(▶)	(▶)	▶	▶			Implant Placement
Normal	(▶)	(▶)	▶	▶	▶		
Hard	(▶)	(▶)	▶	▶		▶	

ø4.5



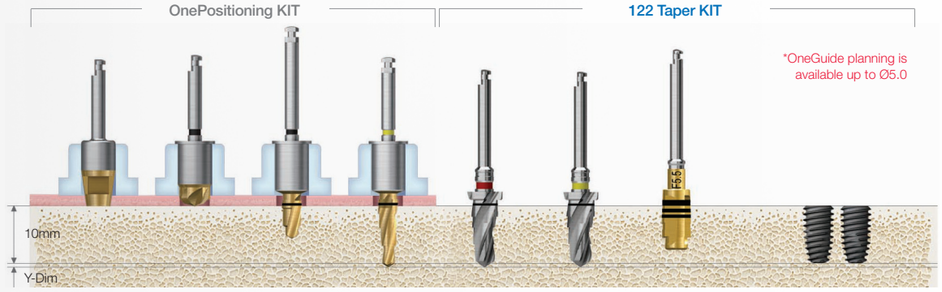
Bone Quality	Tissue Punch	Flattening	Initial	F3.5	F4.0	F4.5	F4.5	
Soft	(▶)	(▶)	▶	▶	▶			Implant Placement
Normal	(▶)	(▶)	▶	▶		▶		
Hard	(▶)	(▶)	▶	▶			▶	

ø5.0



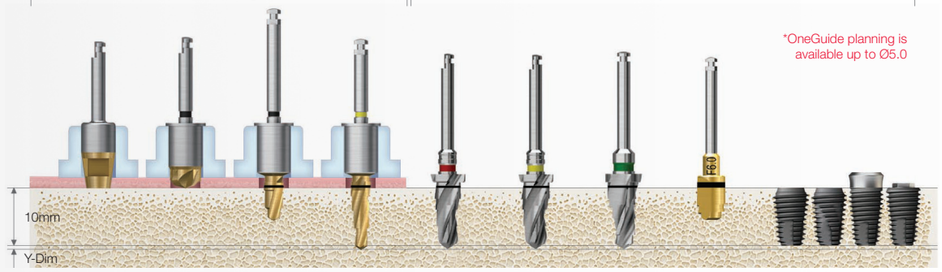
Bone Quality	Tissue Punch (W)	Flattening (W)	Initial (W)	F3.5 (W)	F4.5	F5.0	F5.5	
Soft	(▶)	(▶)	▶	▶	▶			Implant Placement
Normal	(▶)	(▶)	▶	▶		▶		
Hard	(▶)	(▶)	▶	▶			▶	

ø5.5



Bone Quality	Tissue Punch (W)	Flattening (W)	Initial (W)	F3.5 (W)	F5.0	F5.5	F5.5 Cortical	
Soft	(▶)	(▶)	▶	▶	▶			Implant Placement
Normal	(▶)	(▶)	▶	▶		▶		
Hard	(▶)	(▶)	▶	▶		▶	▶	

ø6.0



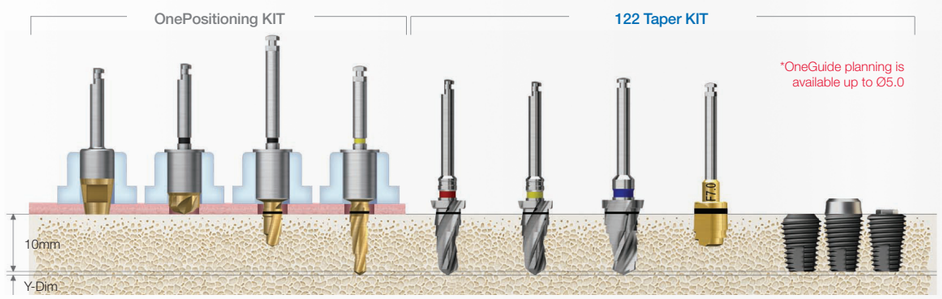
Bone Quality	Tissue Punch (W)	Flattening (W)	Initial (W)	F3.5 (W)	F5.0	F5.5	F6.0	F6.0 Cortical	
Soft	(▶)	(▶)	▶	▶	▶	▶			Implant Placement
Normal	(▶)	(▶)	▶	▶	▶		▶		
Hard	(▶)	(▶)	▶	▶	▶		▶	▶	

Drilling Sequence **OneGuide Drill + 122 Taper Drill**

TSIII/IV | KSIII | SSIII | USIII/IV | III/IV Ultra-wide

(Length : 10mm)

Ø7.0



Bone Density	Tissue Punch (W)	Flattening (W)	Initial (W)	F3.5 (W)	F5.0	F6.0	F7.0	F7.0 Cortical	
Soft	(▶)	(▶)	▶	▶	▶	▶			
Normal	(▶)	(▶)	▶	▶	▶		▶		Implant Placement
Hard	(▶)	(▶)	▶	▶	▶		▶	▶	

OneCAS KIT (OOCK) RENEWAL 2020

Bottom panel components

Bone Carrier Head
OCBCH32, OCBCH37W

Applicable Products

TSII / III | KSIII | SSII / III | USII / III

Top panel components

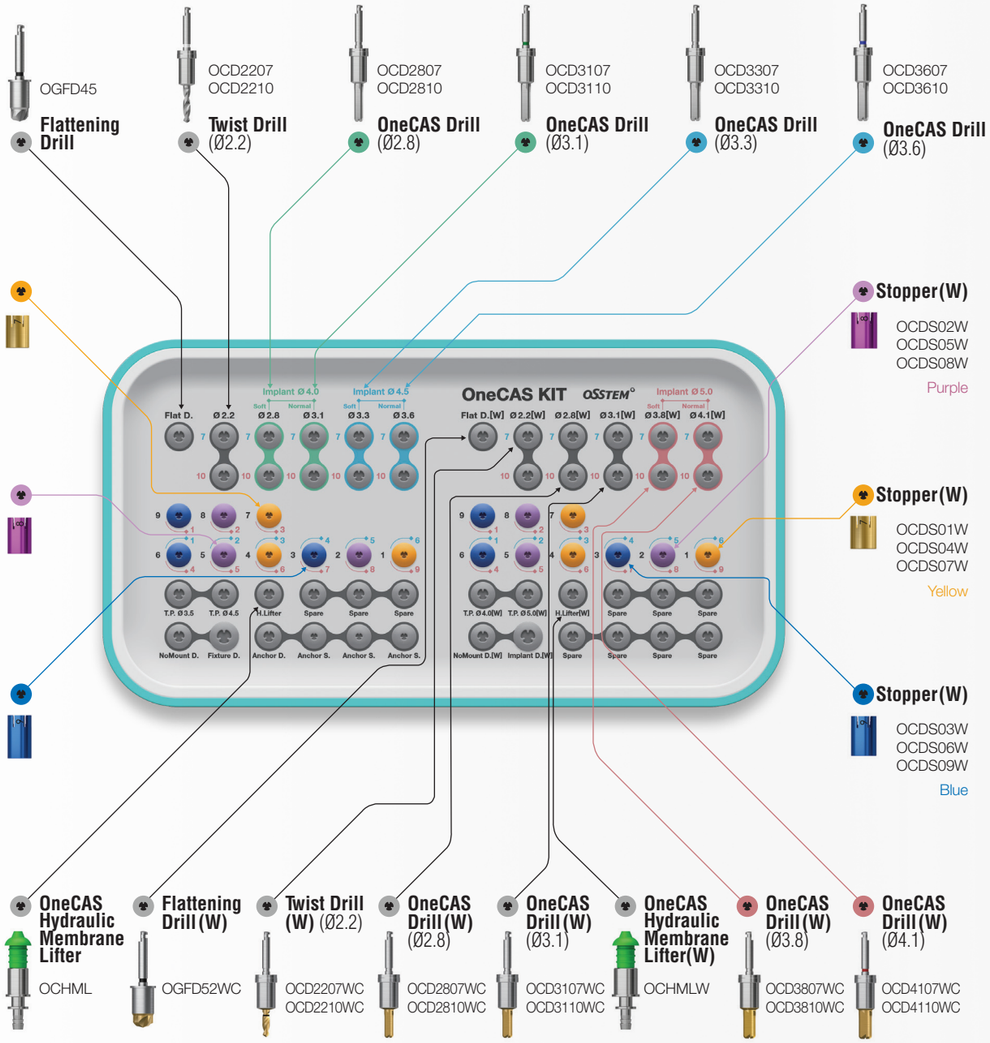
Depth Gauge
OCDG

Depth Gauge (W)
OCDGW

Bone Carrier
OCBCS30

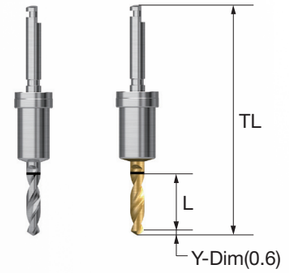
Bone Condenser
SNBC1114

Hydraulic Membrane Lifter Tube
SNMT



OneCAS KIT Surgical Instruments

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)

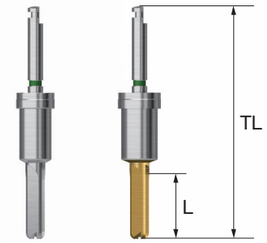
L	TL	Ø2.2
7	33.2	OCD2207
10	36.2	OCD2210

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)

L	1	2	3	4	5	6	7	8	9
	OCDS01	OCDS02	OCDS03	OCDS04	OCDS05	OCDS06	OCDS07	OCDS08	OCDS09
Color	Yellow	Purple	Blue	Yellow	Purple	Blue	Yellow	Purple	Blue

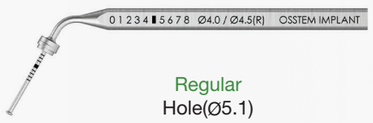
Wide Hole (Ø5.8)

L	1	2	3	4	5	6	7	8	9
	OCDS01W	OCDS02W	OCDS03W	OCDS04W	OCDS05W	OCDS06W	OCDS07W	OCDS08W	OCDS09W
Color	Yellow	Purple	Blue	Yellow	Purple	Blue	Yellow	Purple	Blue

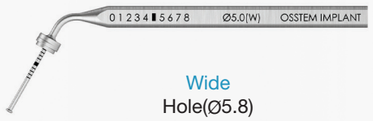
Depth Gauge

- 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

Regular Hole (ø5.1)	Wide Hole (ø5.8)
OCDG	OCDGW



Regular
Hole(Ø5.1)

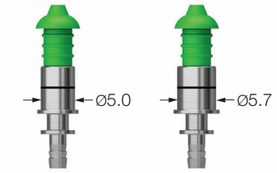


Wide
Hole(Ø5.8)

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

Regular Hole (ø5.1)	Wide Hole (ø5.8)
OCHML	OCHMLW



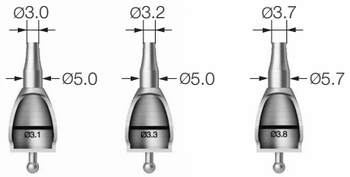
Regular
Hole(Ø5.1)

Wide
Hole(Ø5.8)

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

Regular Hole (ø5.1)		Wide Hole (ø5.8)
OCBCH30	OCBCH32	OCBCH37W



Regular
Hole(Ø5.1)

Wide
Hole(Ø5.8)

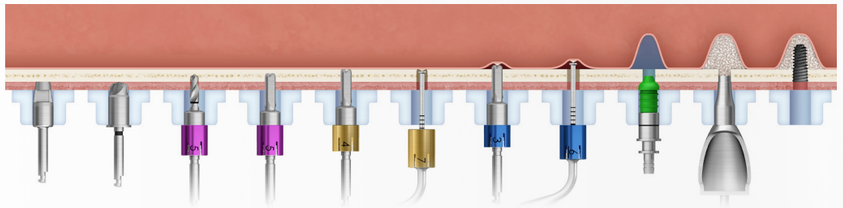
Bone Carrier NEW 2020

- 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

OCBCS30

Drilling Sequence **OneCAS KIT**

Residual bone height 3mm Ø4.0



Bone Quality	Tissue Punch	Flattening Drill	Twist Drll (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			

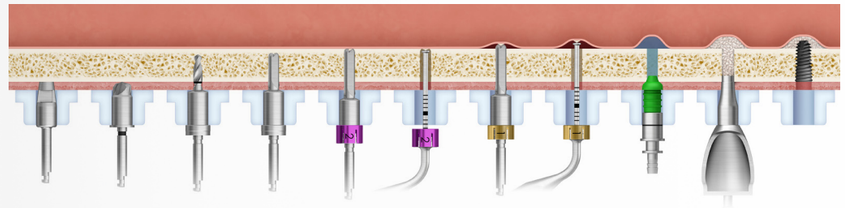
Residual bone height 3mm Ø4.5

Bone Quality	Tissue Punch	Flattening Drill	Twist Drll (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

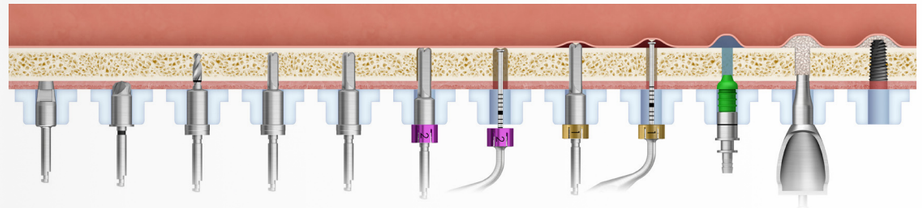
Bone Quality	Tissue Punch(W)	Flattening Drill(W)	Twist Drll (Ø2.2x7)(W)	OneCAS Drill(W)	OneCAS Drill(W)	OneCAS Drill(W)	Depth Gauge(W)	OneCAS Drill(W)	Depth Gauge(W)	Hydraulic Lifter(W)	Bone Carrier(W)	Implant
Soft	▶	▶	▶	Ø2.8x7	Ø3.8x7	Ø3.8x7	▶	Ø3.8x7	▶	▶	▶	▶
Normal	▶	▶	▶	Ø3.1x7	Ø4.1x7	Ø4.1x7	▶	Ø4.1x7	▶	▶	▶	▶
Stopper (W)			5	5	5	4	7	3	6			

Residual bone height 8mm Ø4.0



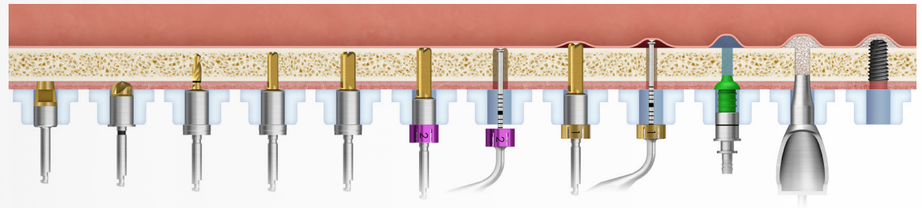
Bone Quality	Tissue Punch	Flattening Drill	Twist Drll (Ø2.2x7)	OneCAS Drill	OneCAS Drill	Depth Gauge	OneCAS Drill	Depth Gauge	Hydraulic Lifter	Bone Carrier	Implant
Soft	▶	▶	▶	Ø2.8x7	Ø2.8x10	▶	Ø2.8x10	▶	▶	▶	▶
Normal	▶	▶	▶	Ø3.1x7	Ø3.1x10	▶	Ø3.1x10	▶	▶	▶	▶
Stopper					2	2	1	1			

Residual bone height 8mm Ø4.5



Bone Quality	Tissue Punch	Flattening Drill	Twist Drll (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 Drll (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			

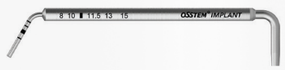
OneMS KIT (OOMSK) 2018.07

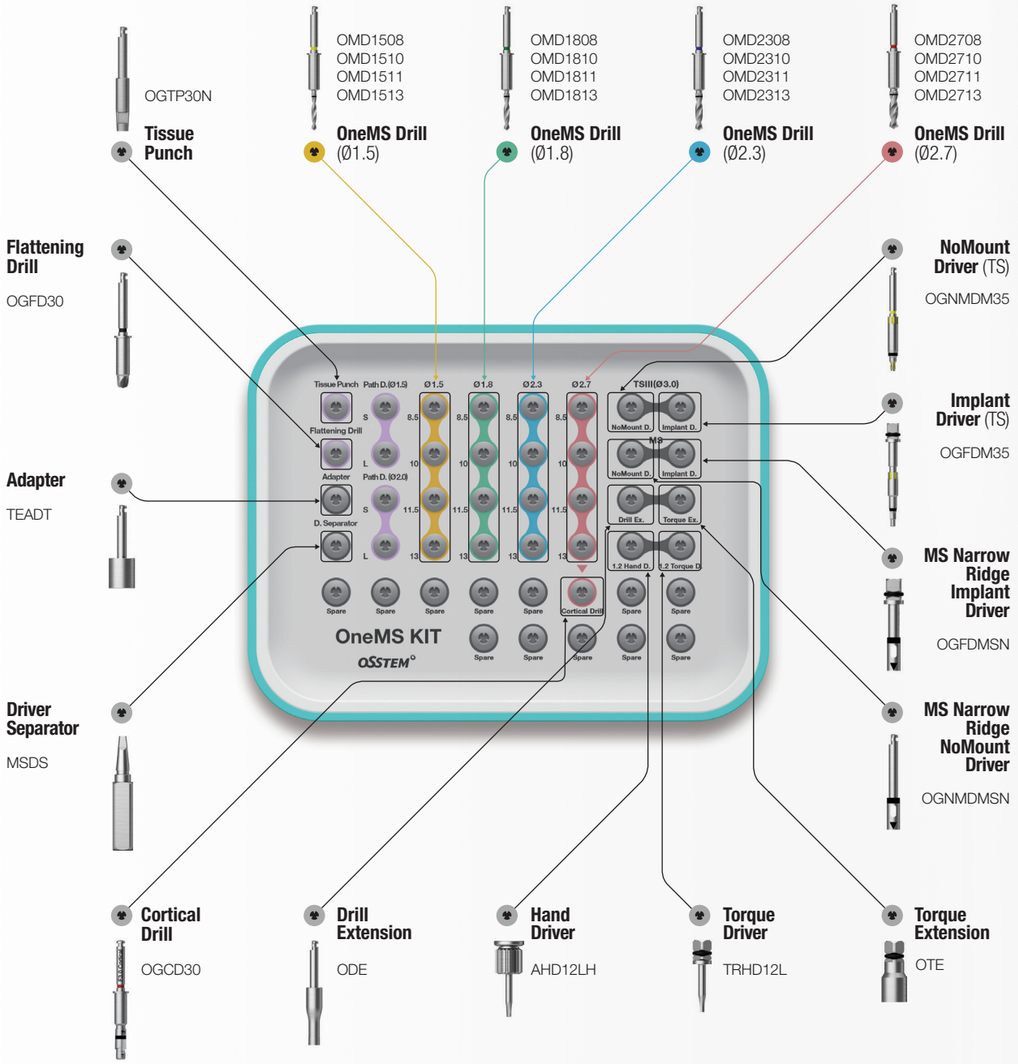
Applicable Products TSIII Ø3.0 KSIII Ø3.0 MS

Top panel components

Torque Wrench
TW30B

Depth Gauge
MSDG

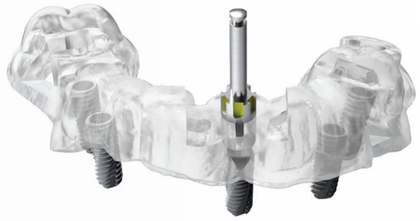




OneMS KIT Surgical Instruments

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

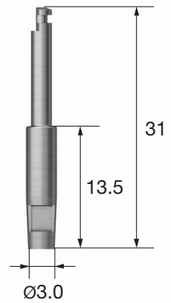


Tissue Punch RENEWAL 2020

- Used for removal of gingiva in flapless surgery
- Recommended speed : 800~1,200 rpm

Narrow Hole (Ø3.6)

OGTP30N

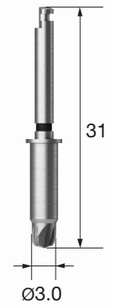


Flattening Drill

- 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)

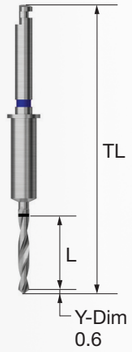
OGFD30



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)

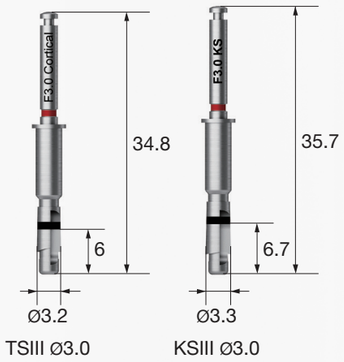
L	TL	Ø1.5	Ø1.8	Ø2.3	Ø2.7
8.5	37.5	OMD1508	OMD1808	OMD2308	OMD2708
10	39.0	OMD1510	OMD1810	OMD2310	OMD2710
11.5	40.5	OMD1511	OMD1811	OMD2311	OMD2711
13	42.0	OMD1513	OMD1813	OMD2313	OMD2713

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

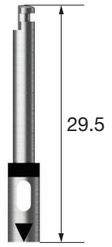


MS Narrow Ridge NoMount Driver

- 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

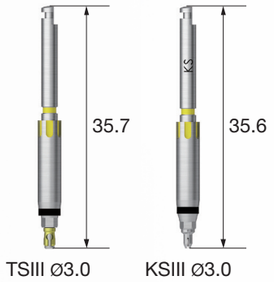


NoMount Driver

- 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	OGNMDM35
KSIII Ø3.0	OGNMDM35K

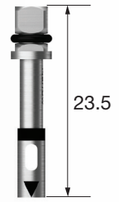


MS Narrow Ridge Implant Driver

- 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

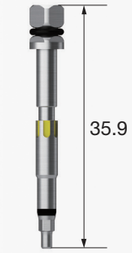


OneMS KIT Surgical Instruments

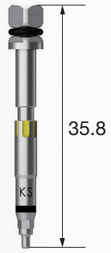
Implant Driver

- 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



TSIII Ø3.0

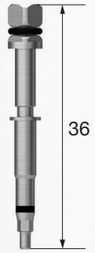


KSIII Ø3.0

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

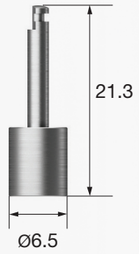
	Narrow Hole (Ø3.6)
C	Mini
TSIII Ø3.0	OGFDSM35



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

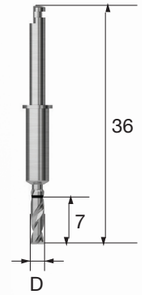
MSDS

OneMS Path Drill 2018.12

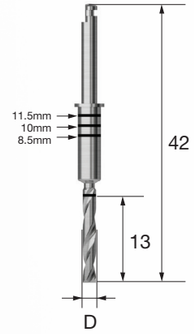
- Drill for correction of the path deviation during OneGuide surgery
- Used for formation of implant placement path for extraction case
- Flat blade design optimized for cutting inclined bones
- 2 types for each drill diameter, 4 types in total : narrow hole(Ø3.6)
- For 13mm product, depth is adjusted 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



7mm



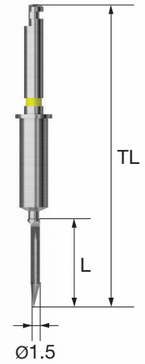
13mm

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)

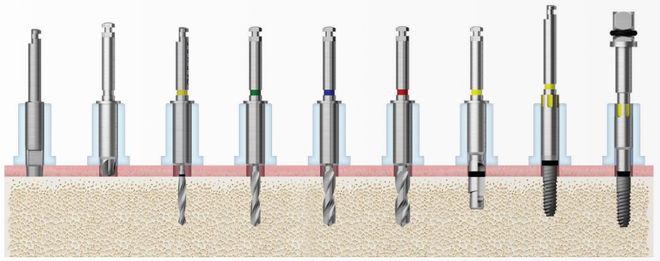
For drilling sequence of Implant 10 / 11.5 / 13mm, 8.5mm drill must precede for each step

Ex. Ø2.5×11.5mm MS implant

: Tissue punch ▶ Flattening drill ▶ **Ø1.8×8.5mm (Must precede)** ▶ **Ø1.8×11.5mm** ▶ NoMount driver ▶ Implant driver

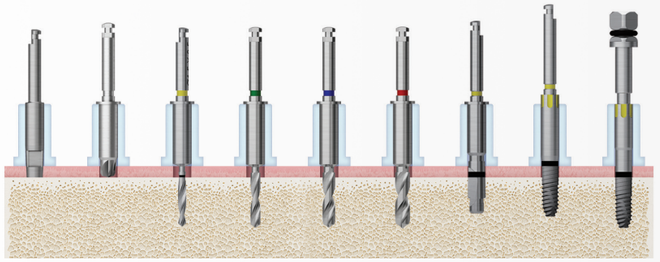
※ **Ø1.5 Drill(Option) : Used as an option for stable initial drilling**

TSIII ø3.0



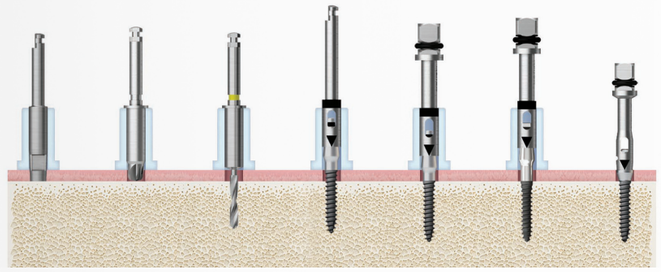
Bone Quality	Tissue Punch	Flattening Drill	OneMS Drill (Ø1.5)	OneMS Drill (Ø1.8)	OneMS Drill (Ø2.3)	OneMS Drill (Ø2.7)	F3.0 Cortical Drill	NoMount Driver	Implant Driver
Soft	▶	(▶)	(▶)	▶	▶			▶	▶
Normal	▶	(▶)	(▶)	▶	▶	▶		▶	▶
Hard	▶	(▶)	(▶)	▶	▶	▶	▶	▶	▶

KSIII ø3.0



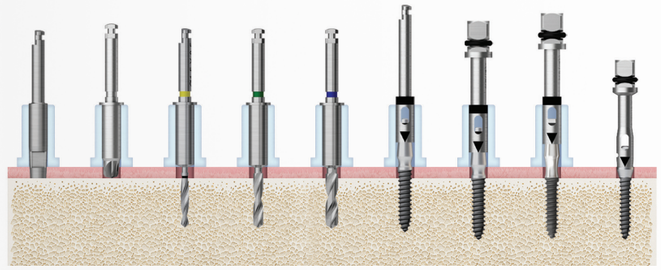
Bone Quality	Tissue Punch	Flattening Drill	OneMS Drill (Ø1.5)	OneMS Drill (Ø1.8)	OneMS Drill (Ø2.3)	OneMS Drill (Ø2.7)	F3.0 Cortical Drill	NoMount Driver	Implant Driver
Soft	▶	(▶)	(▶)	▶	▶			▶	▶
Normal	▶	(▶)	(▶)	▶	▶	▶		▶	▶
Hard	▶	(▶)	(▶)	▶	▶	▶	▶	▶	▶

MS ø2.0



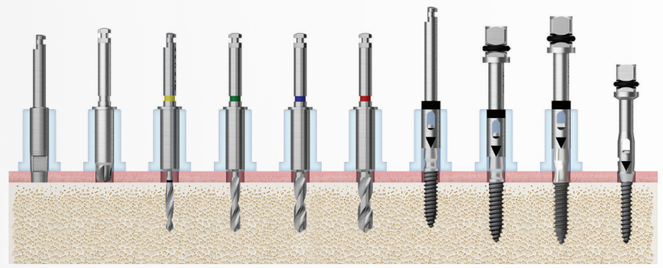
Bone Quality	Tissue Punch	Flattening Drill	OneMS Drill (Ø1.5)	NoMount Driver	Implant Driver		
					G/H 2.5	G/H 4.0	Denture
Soft	▶	(▶)	▶	▶		▶	
Normal	▶	(▶)	▶	▶		▶	
Hard	▶	(▶)	▶	▶		▶	

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	▶	(▶)	(▶)	▶	▶	(▶)	▶		▶	

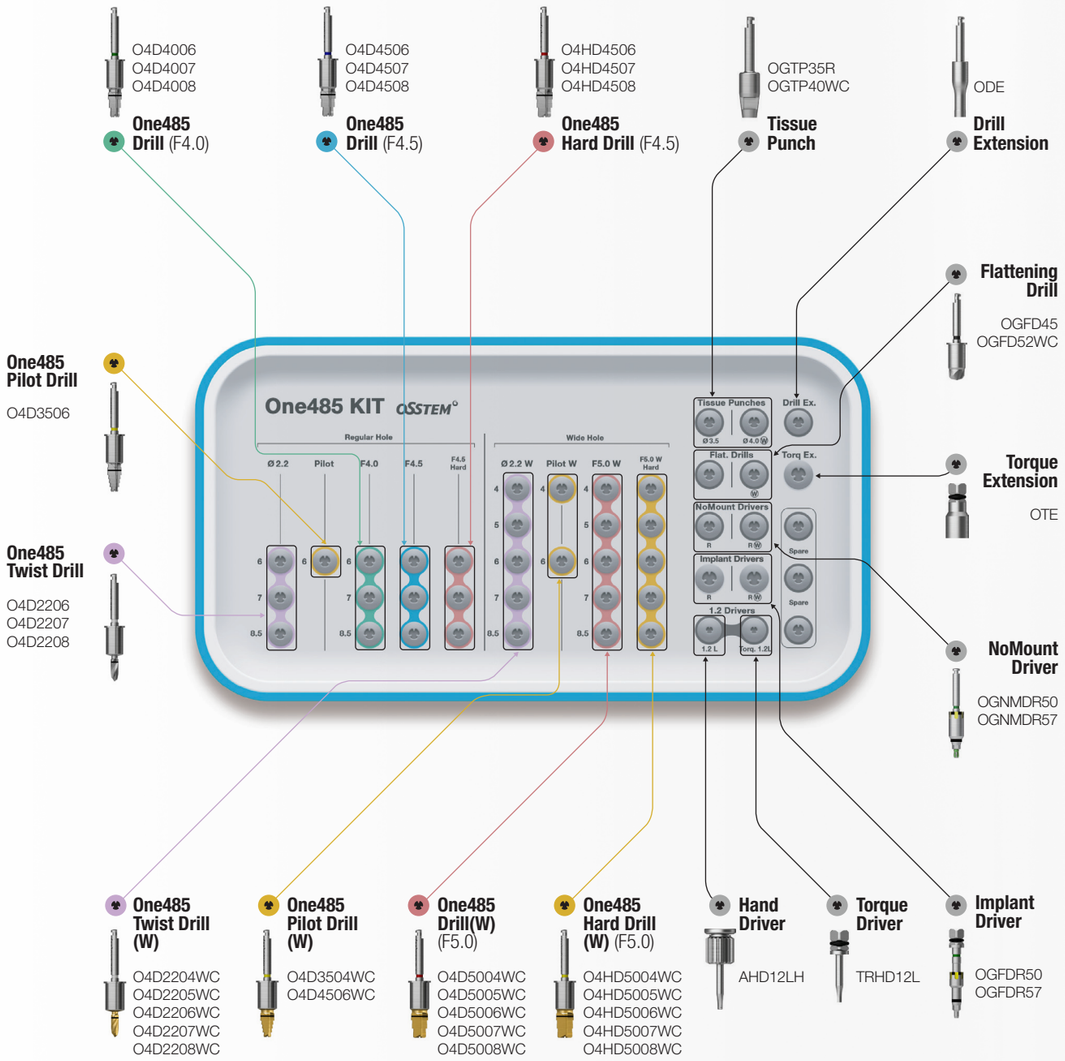
One485 KIT (OO485K) NEW 2020

Applicable Products TSIII KSIII SSIII USIII

Top panel components

Torque Wrench
TW30B

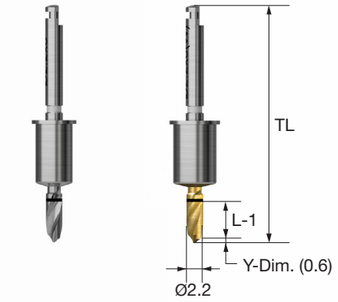
Depth Gauge
OSDG



One485 KIT Surgical Instruments

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

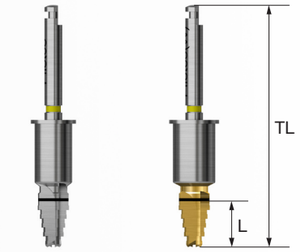


Regular Hole(Ø5.1) Wide Hole(Ø5.8)

L	TL	Regular Hole (Ø5.1) F4.0 / F4.5	Wide Hole (Ø5.8) 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



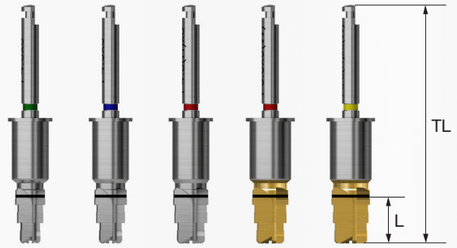
Regular Hole(Ø5.1) Wide Hole(Ø5.8)

L	TL	Regular Hole (Ø5.1) F4.5	Wide Hole (Ø5.8) 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

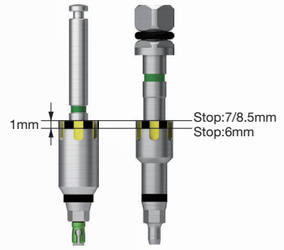
Wide Hole (Ø5.8)

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

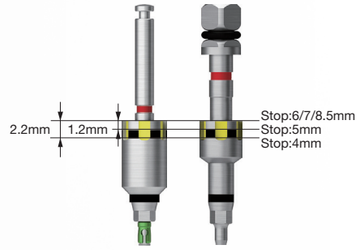
One485 KIT

Placement Depth Adjustment : (The same concept applies to TSIII and KSIII)

NoMount / Implant Driver characteristics

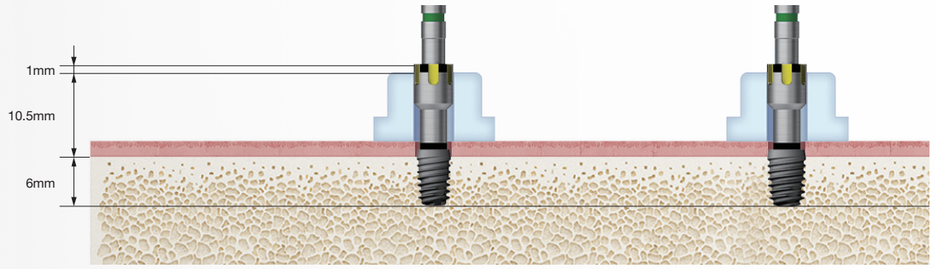


Regular Hole(Ø5.1)
F4.0/4.5



Wide Hole(Ø5.8)
F5.0W

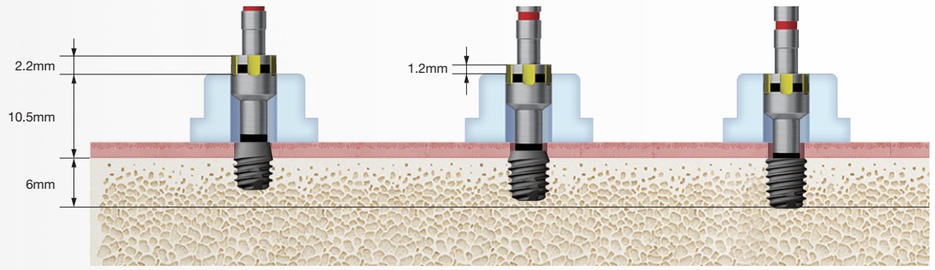
Ø4.0/Ø4.5x7mm(Ex.Short) Placement Guide



Ø4.0x7mm (Ex.Short)
Implant Code : TS3S4006S

Ø4.5x7mm (Ex.Short)
Implant Code : TS3S4506S

Ø5.0x6mm(Ex.Short) Placement Guide



Ø5.0x6mm (Ex.Short)
Implant Code : TS3S5004S

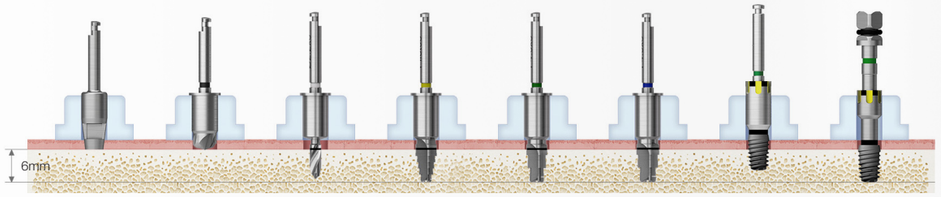
Ø5.0x6mm (Ex.Short)
Implant Code : TS3S5005S

Ø5.0x6mm (Short)
Implant Code : TS3S5006S

Drilling Sequence **One485 Drill**

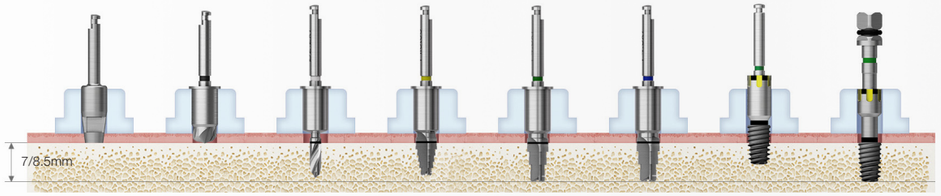
TSIII | KSIII | SSIII | USIII

Extra Short
Ø4.0 X 7mm



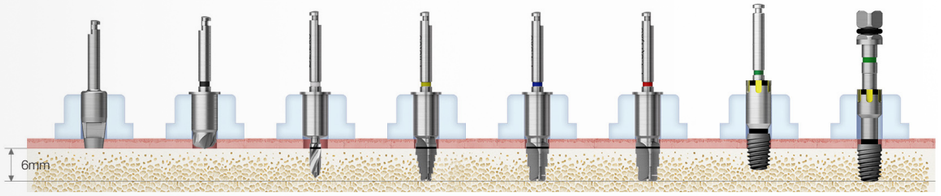
Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Drill	NoMount Driver	Implant Driver
Ø4.0x7mm (Extra Short)	Normal	▶	(▶)	Ø2.2x6	Ø3.5x6	F4.0x6		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x6	Ø3.5x6		F4.5x6		

Ø4.0 X 7/8.5mm



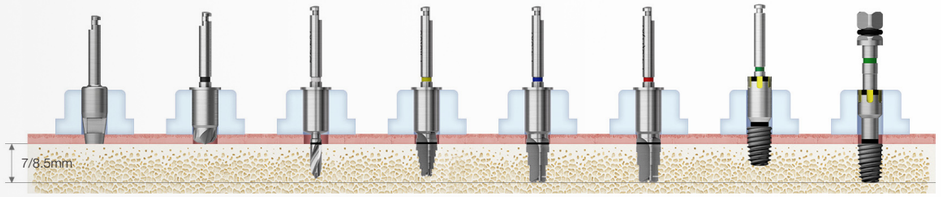
Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Drill	NoMount Driver	Implant Driver
Ø4.0x 7/8.5mm	Normal	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6	F4.0x7/8.5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6		F4.5x7/8.5		

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

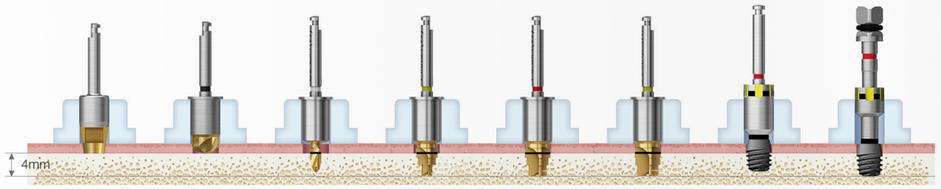


Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Hard Drill	NoMount Driver	Implant Driver
Ø4.5x 7/8.5mm	Normal	▶	(▶)	Ø2.2x7/8.5	Ø3.5 x 6	F4.5x7/8.5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x7/8.5	Ø3.5 x 6		F4.5x7/8.5		

Drilling Sequence **One485 Drill**

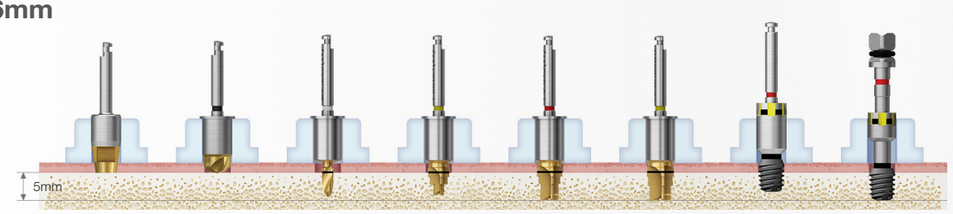
TSIII | KSIII | SSIII | USIII

Extra Short
Ø5.0 X 6mm



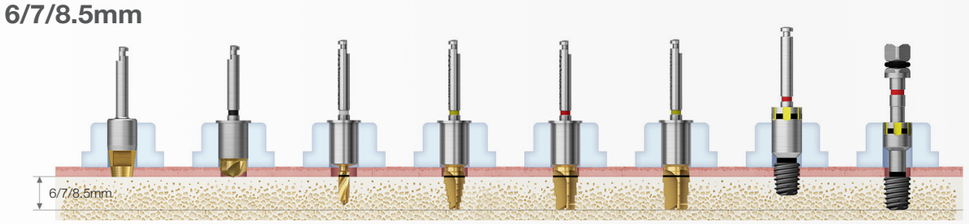
Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)
Ø5.0x6mm (Extra Short)	Normal	▶	(▶)	Ø2.2x4	Ø3.5x4	F5.0x4		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x4	Ø3.5x4		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

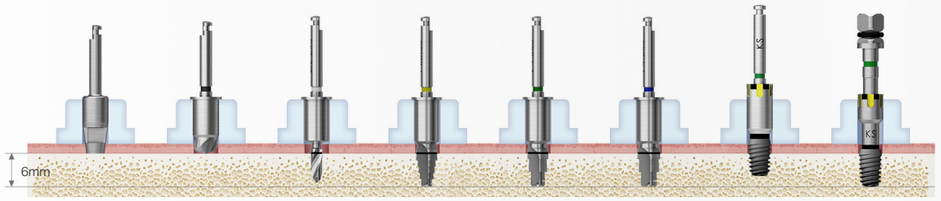


Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)
Ø5.0x 6/7/8.5mm	Normal	▶	(▶)	Ø2.2x6/7/8.5	Ø3.5x6	F5.0x6/7/8.5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x6/7/8.5	Ø3.5x6		F5.0x6/7/8.5		

Drilling Sequence **One485 Drill**

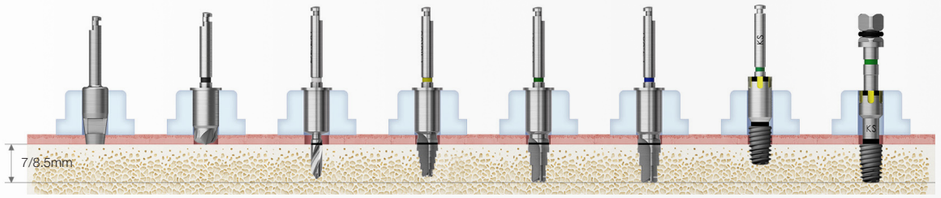
TSIII | KSIII | SSIII | USIII

Extra Short
Ø4.0 X 7mm



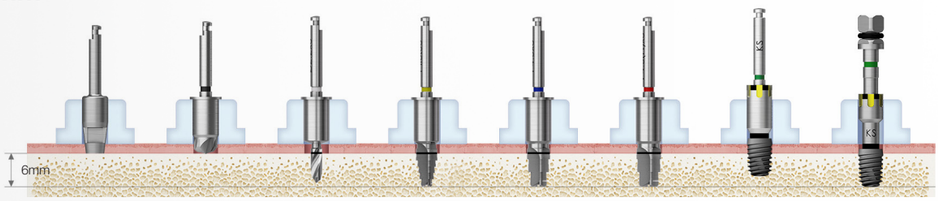
Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Drill	NoMount Driver	Implant Driver
Ø4.0x7mm (Extra Short)	Normal	▶	(▶)	Ø2.2x6	Ø3.5x6	F4.0x6		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x6	Ø3.5x6		F4.5x6		

Ø4.0 X 7/8.5mm



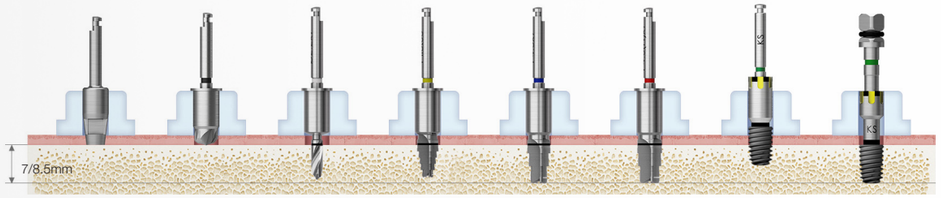
Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Drill	NoMount Driver	Implant Driver
Ø4.0x 7/8.5mm	Normal	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6	F4.0x7/8.5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6		F4.5x7/8.5		

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



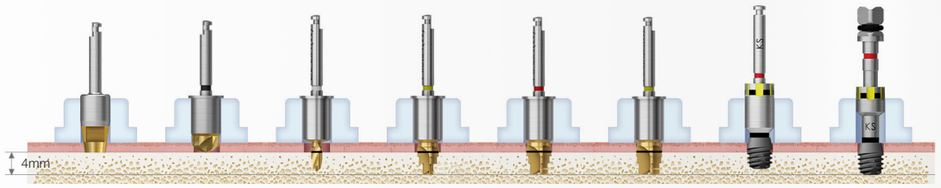
Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Hard Drill	NoMount Driver	Implant Driver
Ø4.5x 7/8.5mm	Normal	▶	(▶)	Ø2.2x7/8.5	Ø3.5 x 6	F4.5x7/8.5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x7/8.5	Ø3.5 x 6		F4.5x7/8.5		

Drilling Sequence **One485 Drill**

TSIII | KSIII | SSIII | USIII

Extra Short

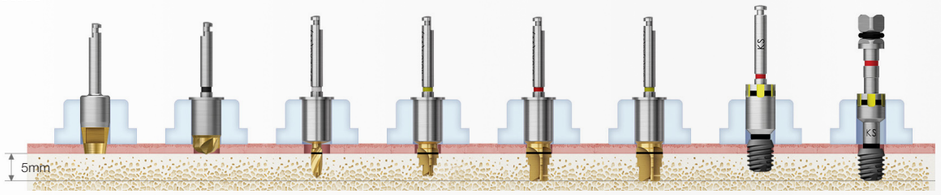
Ø5.0 X 6mm



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		

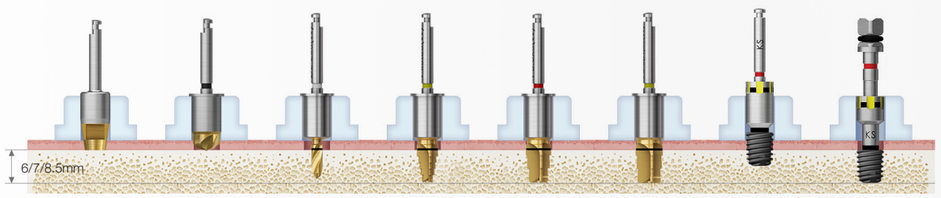
Extra Short

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



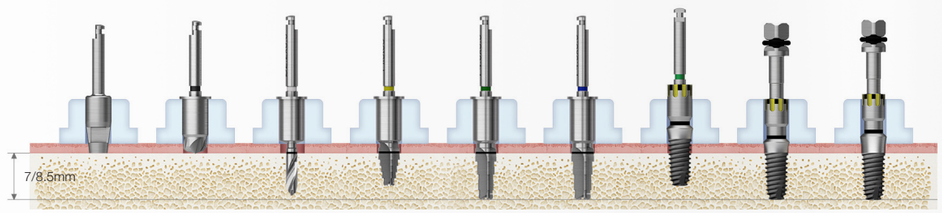
Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)
Ø5.0x 6/7/8.5mm	Normal	▶	(▶)	Ø2.2x6/7/8.5	Ø3.5x6	F5.0x6/7/8.5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x6/7/8.5	Ø3.5x6		F5.0x6/7/8.5		

Drilling Sequence **One485 Drill**

TSIII | KSIII | SSIII | USIII

G/H 1.8&2.8
D Ø4.0
P Ø4.8

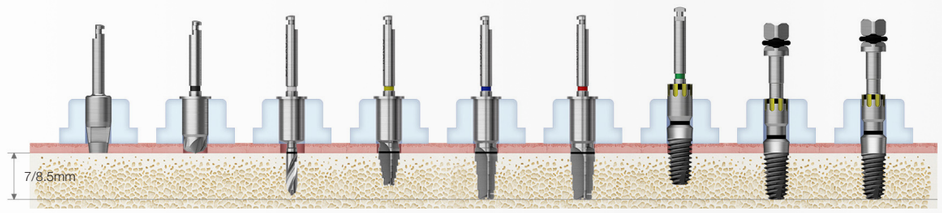
R



Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Drill	NoMount Driver	Implant Driver G/H 1.8	Implant Driver 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 Ø4.5
P Ø4.8

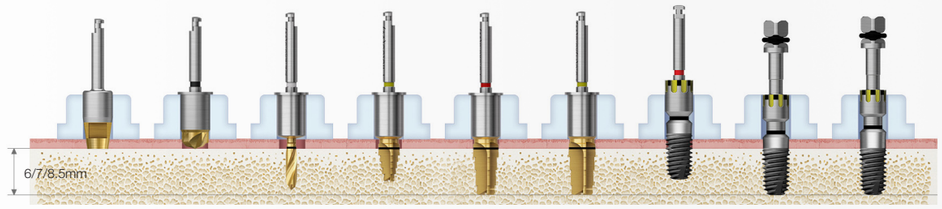
R



Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Hard Drill	NoMount Driver	Implant Driver G/H 1.8	Implant Driver 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

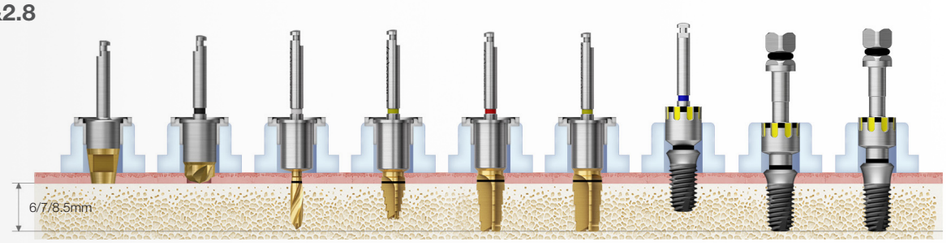
R



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	Implant Driver (W) 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 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	Implant Driver (W) 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			

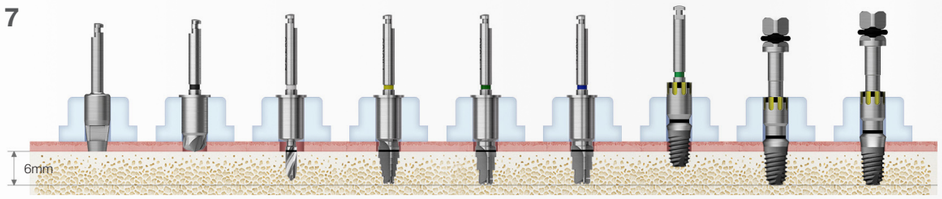
Drilling Sequence **One485 Drill**

TSIII | KSIII | SSIII | USIII

Extra Short

G/H 0.8&1.8
D Ø4.0 X 7
P Ø4.8

R

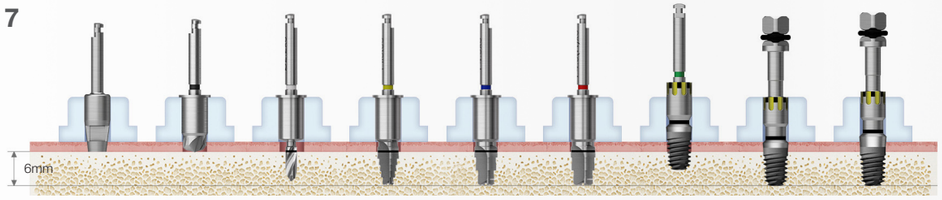


Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Drill	NoMount Driver	Implant Driver	
									G/H 0.8	G/H 1.8
Ø4.0x7mm (Extra Short)	Normal	▶	(▶)	Ø2.2x6	Ø3.5x6	F4.0x6		Implant Placement (Up to 80%)	Implant Placement	
	Hard	▶	(▶)	Ø2.2x6	Ø3.5x6		F4.5x6			

Extra Short

G/H 0.8&1.8
D Ø4.5 X 7
P Ø4.8

R

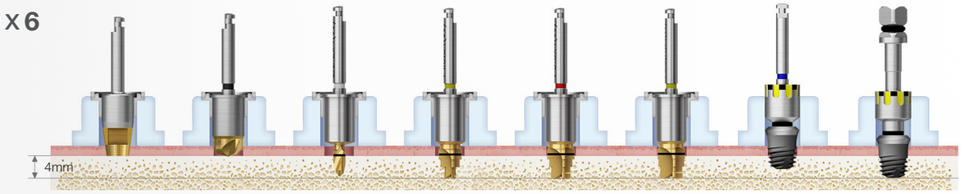


Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Hard Drill	NoMount Driver	Implant Driver	
									G/H 0.8	G/H 1.8
Ø4.5x7mm (Extra Short)	Normal	▶	(▶)	Ø2.2x6	Ø3.5x6	F4.5x6		Implant Placement (Up to 80%)	Implant Placement	
	Hard	▶	(▶)	Ø2.2x6	Ø3.5x6		F4.5x6			

Extra Short

G/H 0.8
D Ø5.0 X 6
P Ø6.0

W

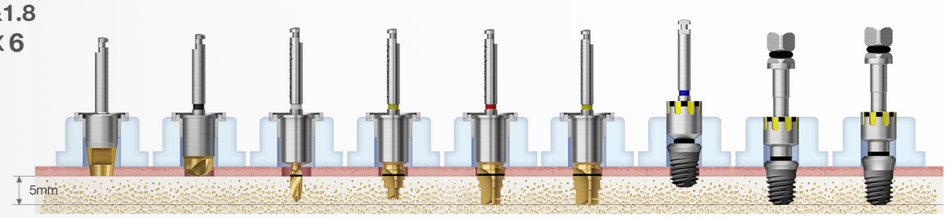


Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)
Ø5.0x6mm (Extra Short)	Normal	▶	(▶)	Ø2.2x4	Ø3.5x4	F5.0x4		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x4	Ø3.5x4		F5.0x4		

Extra Short

G/H 0.8&1.8
D Ø5.0 X 6
P Ø6.0

W

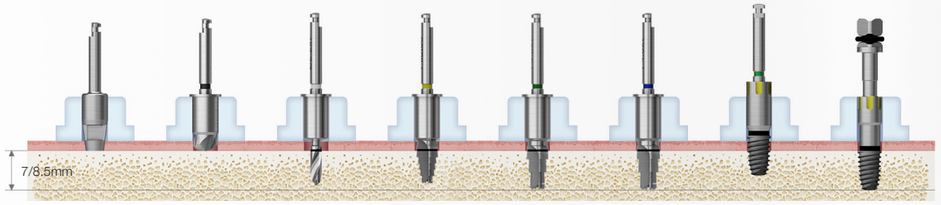


Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)	
									G/H 0.8	G/H 1.8
Ø5.0x6mm (Extra Short)	Normal	▶	(▶)	Ø2.2x5	Ø3.5x4	F5.0x5		Implant Placement (Up to 80%)	Implant Placement	
	Hard	▶	(▶)	Ø2.2x5	Ø3.5x4		F5.0x5			

Drilling Sequence **One485 Drill**

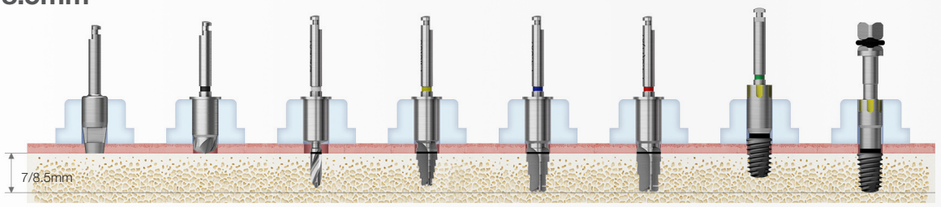
TSIII | KSIII | SSIII | USIII

Ø4.0 X 7/8.5mm



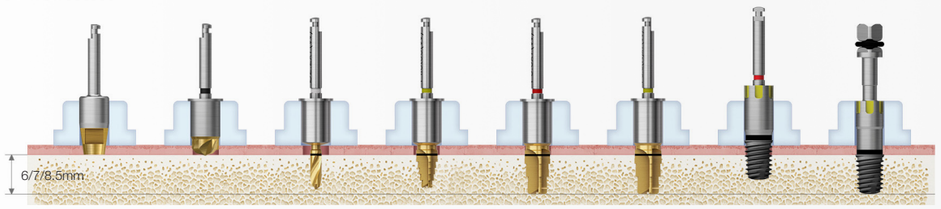
Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Drill	NoMount Driver	Implant Driver
Ø4.0x 7/8.5mm	Normal	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6	F4.0x7/8.5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6		F4.5x7/8.5		

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		

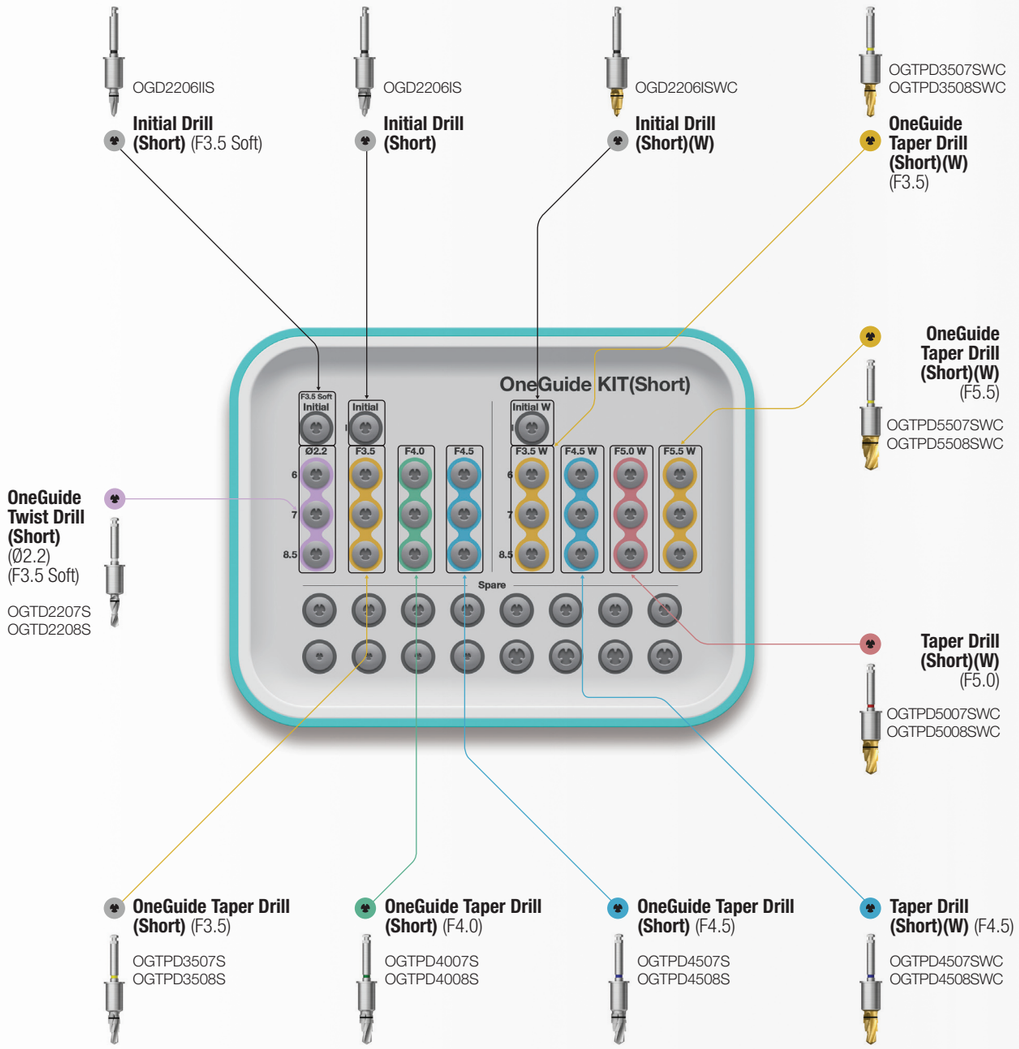
OSSTEM IMPLANT

OneGuide KIT(Short) (OOGKS) NEW 2021

Applicable Products

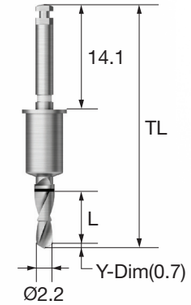
TSIII / IV | KSIII | SSIII | USIII

- 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 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

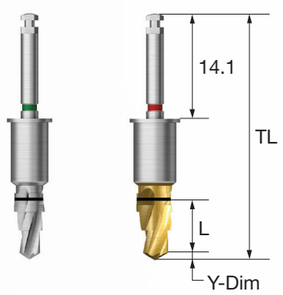


Regular Hole (Ø5.1)

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)

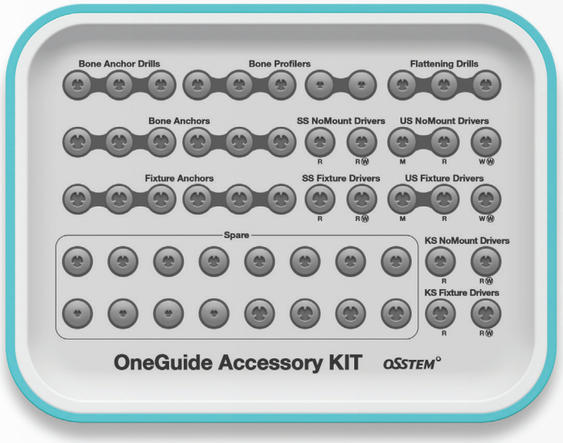
L	F3.5	TL	F4.0	TL	F4.5	TL	-
Y-Dim	0.7		0.9		1.0		-
6	OGTPD3506S	31.8	OGTPD4006S	32.0	OGTPD4506S	32.1	-
7	OGTPD3507S	32.8	OGTPD4007S	33.0	OGTPD4507S	33.1	-
8.5	OGTPD3508S	34.3	OGTPD4008S	34.5	OGTPD4508S	34.6	-

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

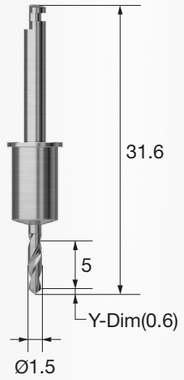


OneGuide System Surgical Instruments

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

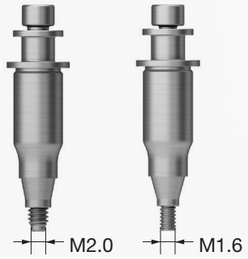
- Used for fixing OneGuide in place in vertical direction (e.g. edentulous case)
- Mounted on the alveolar bone vertically to fix OneGuide in place
- Soft bone : placed directly
- Normal/hard bone : placed after using the OneGuide Twist Drill for Bone Anchor
- Tightened at 20rpm forward with Anchor Driver
- 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

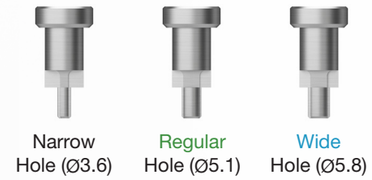
- Reamer for hole size adjustment after output of OneGuide template
- 2 types each for each hole diameter of OneGuide, 6 types in total
- Sold as an individual item

Narrow Hole (Ø3.6) | Regular Hole (Ø5.1) | Wide Hole (Ø5.8)

	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

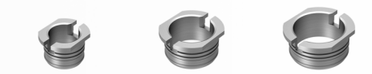


Narrow Hole (Ø3.6) | Regular Hole (Ø5.1) | Wide Hole (Ø5.8)

	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
- 1set = 10ea



Narrow Hole (Ø3.6) | Regular Hole (Ø5.1) | Wide Hole (Ø5.8)

	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)

Regular
Hole (Ø5.1)

Wide
Hole (Ø5.8)

Narrow Hole (Ø3.6)	Regular Hole (Ø5.1)	Wide Hole (Ø5.8)
CTCHK35S	CTCHK50S	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

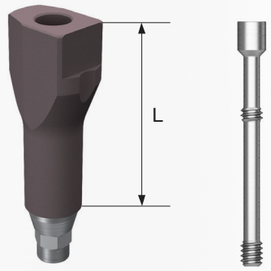
RSMRKS

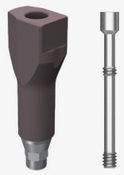
Digital Prosthetics Scan Body

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 : KSNSBL**TH**)



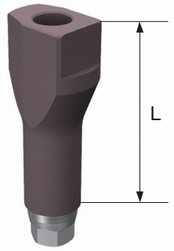
L	8 (Short)	12 (Long)
	KSNSBS	 KSNSBL

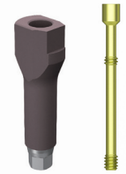
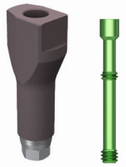
TS Scan Body NEW 2021

- 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 : TSNSBRL**TH**)

M Mini
R Regular



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 anodizing screw
Di Type **Dt Type** **M Type**	CUSBSTH	

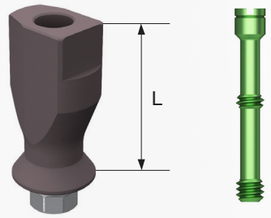
Digital Prosthetics Scan Body

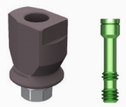
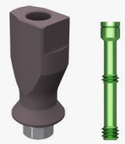
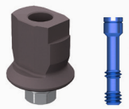
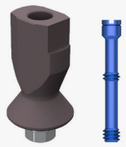
SS Scan Body NEW 2021

- 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 : SSNSBRL**TH**)

R Regular
W Wide



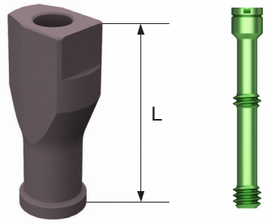
L	6 (Short)	10 (Long)
R	 SSNSBRS	 SSNSBRL
W	 SSNSBWS	 SSNSBWL

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 : USNSBRL**TH**)

M Mini
R Regular
W Wide



L	8 (Short)	12 (Long)
M	USNSBMS	USNSBML
R PS W	USNSBRS	USNSBRL
W	USNSBWS	USNSBWL

Digital Prosthetics Scan Body

Scan Body Classification Guide

• See classification by scan body (intraoral) system

KS

Scan body indication

TS

Mini

Screw Coloring : Yellow

Regular

Screw Coloring : Green

SS

Regular

Screw Coloring : Green

Wide

Screw Coloring : Blue

Screw indication (2ea)

US

Mini

Screw Coloring : Yellow

Regular

Screw Coloring : Green

Wide

Screw Coloring : Blue

Screw indication (1ea)

Scan Body Holding Driver NEW 2021

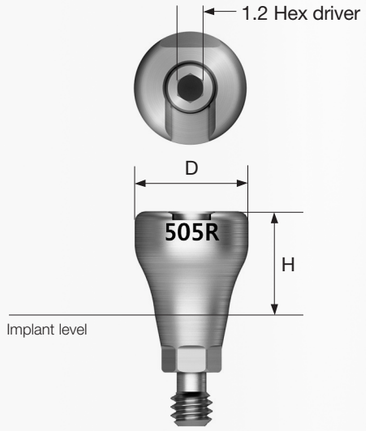
• Driver exclusively for scan body (intraoral) used for connection and separation of a scan body
• Applicable to all of KS, TS, SS, and US
• Mini : **TS** Mini
US Mini
• Regular : **KS**
TS Regular
SS Regular / Wide
US Regular / Wide

Type	Mini	Regular
	TSNSBHDM	TSNSBHDR

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 : TSSHA505R**TH**)

M Mini

R Regular

Mini	Regular
Narrow	Wide

D \ H	4.0	5.0	7.0	9.0
	404M 1marking	405M 2marking	407M 3marking	409M 4marking
ø4.0	TSSHA**404M**	TSSHA**405M**	TSSHA**407M**	TSSHA**409M**

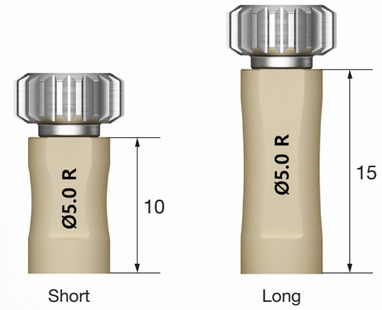
D \ H	4.0	5.0	7.0	9.0
	504R 1marking	505R 2marking	507R 3marking	509R 4marking
ø4.5	TSSHA**454R**	TSSHA**455R**	TSSHA**457R**	TSSHA**459R**
ø5.0	TSSHA**504R**	TSSHA**505R**	TSSHA**507R**	TSSHA**509R**
ø6.0	TSSHA**604R**	TSSHA**605R**	TSSHA**607R**	TSSHA**609R**

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



Short Long

Type \ Scan Healing(D)	ø4.0	ø4.5	ø5.0	ø6.0
	Ø4.0 M	Ø4.5 R	Ø5.0 R	Ø6.0 R
Short	TSSHAC**400**	TSSHAC**450**	TSSHAC**500**	TSSHAC**600**
Long	TSSHAC**400L**	TSSHAC**450L**	TSSHAC**500L**	TSSHAC**600L**

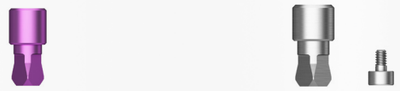
Digital Prosthetics Digital Lab Analog

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



KSDLA**350** KSDLA**400**

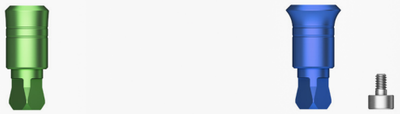
TS

Mini Ø3.0 | Mini Ø3.5 | Regular | Multi Abt

TSDLA**300** TSDLA**350** TSDLA**400** TSMDLA

SS

Regular | Wide



SSDLA**480** SSDLA**600**

US

Mini | Regular | Wide | Wide PS

USDLAM USDLAR USDLAW USDLAP

Reamer Drill NEW 2021

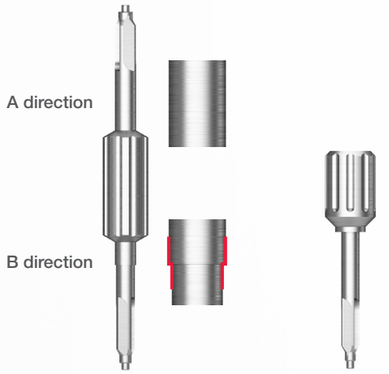
- Used for correction of insertion path of 3D-printed working model
- See the table below for guide of use by the type of Digital Lab Analog

• 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



DLARDR DLARDM300

Digital Prosthetics Digital Lab Analog

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

- Set of 10 screws for Lab Analog only

Screw Bulk (10ea)

TSDLASB

Digital Prosthetics OneFit Abutment

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

Digital Prosthetics Pre-milled Abutment

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 Zirkonzahn)
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw

Abutment + screw order code
: product code + **TH** (ex : KSPM10AR**TH**)

KS products have a cylinder and a slot at the bottom

KS non-hex products have a slot at the bottom

Equipment	D	Type	Code
ARUM Imes-icore Dental plus	Ø10	Hex	KSPM**10ARTH**
		Non-Hex	KSPM**10ARNTH**
	Ø14	Hex	KSPM**14ARTH**
		Non-Hex	KSPM**14ARNTH**
Cameleon	Ø10	Hex	KSPM**10CATH**
		Non-Hex	KSPM**10CANTH**
	Ø14	Hex	KSPM**14CATH**
		Non-Hex	KSPM**14CANTH**
Zirkonzahn	Ø10	Hex	KSPM**10ZKTH**
		Non-Hex	KSPM**10ZKNTH**
	Ø14	Hex	KSPM**14ZKTH**
		Non-Hex	KSPM**14ZKNTH**
Manix	Ø10	Hex	KSPM**10MXTH**
		Non-Hex	KSPM**10MXNTH**
	Ø14	Hex	KSPM**14MXTH**
		Non-Hex	KSPM**14MXNTH**

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 Zirkonzahn)
- Packing unit : abutment + EbonyGold screw or Ti screw

Abutment + screw order code
: product code + **WH or TH** (ex : TSPM10ARM**WH**)

Equipment	Implant	D	Type		Code
ARUM Imes-icore Dental plus	Osstem TS	Ø10	Mini	Hex	TSPM**10ARMWH**
				Non-Hex	TSPM**10ARMNWH**
			Regular	Hex	TSPM**10ARRWH**
				Non-Hex	TSPM**10ARRNWH**
		Ø14	Mini	Hex	TSPM**14ARMWH**
				Non-Hex	TSPM**14ARMNWH**
			Regular	Hex	TSPM**14ARRWH**
				Non-Hex	TSPM**14ARRNWH**
	Dentium (DE)	Ø10	Mini	Hex	DEPM**10ARRTH**
				Non-Hex	DEPM**10ARRNTH**
		Ø14	Regular	Hex	DEPM**14ARRTH**
				Non-Hex	DEPM**14ARRNTH**
	Dentis (DT)	Ø10	Mini	Hex	DTPM**10ARRTH**
				Non-Hex	DTPM**10ARRNTH**
		Ø14	Regular	Hex	DTPM**14ARRTH**
				Non-Hex	DTPM**14ARRNTH**
	Megagen (MO)	Ø10	Mini	Hex	MOPM**10ARRTH**
				Non-Hex	MOPM**10ARRNTH**
		Ø14	Regular	Hex	MOPM**14ARRTH**
				Non-Hex	MOPM**14ARRNTH**
	Dio (DI)	Ø10	Mini	Hex	DIPM**10ARRTH**
				Non-Hex	DIPM**10ARRNTH**
		Ø14	Regular	Hex	DIPM**14ARRTH**
				Non-Hex	DIPM**14ARRNTH**

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 Zirkonzahn)
- Packing unit : abutment + EbonyGold screw or Ti screw

Abutment + screw order code
: product code + **WH or TH** (ex : TSPM10ARM**WH**)

Equipment	Implant	D	Type		Code
Neo Cameleon	Osstem TS	Ø10	Mini	Hex	TSPM**10CAMWH**
				Non-Hex	TSPM**10CAMNWH**
			Regular	Hex	TSPM**10CARWH**
				Non-Hex	TSPM**10CARNWH**
		Ø14	Mini	Hex	TSPM**14CAMWH**
				Non-Hex	TSPM**14CAMNWH**
			Regular	Hex	TSPM**14CARWH**
				Non-Hex	TSPM**14CARNWH**
	Dentium (DE)	Ø10	Mini	Hex	DEPM**10CARTH**
				Non-Hex	DEPM**10CARNTH**
		Ø14	Regular	Hex	DEPM**14CARTH**
				Non-Hex	DEPM**14CARNTH**
	Dentis (DT)	Ø10	Mini	Hex	DTPM**10CARTH**
				Non-Hex	DTPM**10CARNTH**
		Ø14	Regular	Hex	DTPM**14CARTH**
				Non-Hex	DTPM**14CARNTH**
	Megagen (MO)	Ø10	Mini	Hex	MOPM**10CARTH**
				Non-Hex	MOPM**10CARNTH**
		Ø14	Regular	Hex	MOPM**14CARTH**
				Non-Hex	MOPM**14CARNTH**
	Dio (DI)	Ø10	Mini	Hex	DIPM**10CARTH**
				Non-Hex	DIPM**10CARNTH**
		Ø14	Regular	Hex	DIPM**14CARTH**
				Non-Hex	DIPM**14CARNTH**

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 Zirkonzahn)
- Packing unit : abutment + EbonyGold screw or Ti screw

Abutment + screw order code
: product code + **WH or TH** (ex : TSPM10ARM**WH**)

Equipment	Implant	D	Type		Code
Zirkonzahn	Osstem TS	Ø10	Mini	Hex	TSPM**10ZKMWH**
				Non-Hex	TSPM**10ZKMNWH**
			Regular	Hex	TSPM**10ZKRWH**
				Non-Hex	TSPM**10ZKRNWH**
		Ø14	Mini	Hex	TSPM**14ZKMWH**
				Non-Hex	TSPM**14ZKMNWH**
			Regular	Hex	TSPM**14ZKRWH**
				Non-Hex	TSPM**14ZKRNWH**
	Dentium (DE)	Ø10	Mini	Hex	DEPM**10ZKRTH**
				Non-Hex	DEPM**10ZKRNTH**
		Ø14	Regular	Hex	DEPM**14ZKRTH**
				Non-Hex	DEPM**14ZKRNTH**
	Dentis (DT)	Ø10	Mini	Hex	DTPM**10ZKRTH**
				Non-Hex	DTPM**10ZKRNTH**
		Ø14	Regular	Hex	DTPM**14ZKRTH**
				Non-Hex	DTPM**14ZKRNTH**
	Megagen (MO)	Ø10	Mini	Hex	MOPM**10ZKRTH**
				Non-Hex	MOPM**10ZKRNTH**
		Ø14	Regular	Hex	MOPM**14ZKRTH**
				Non-Hex	MOPM**14ZKRNTH**
	Dio (DI)	Ø10	Mini	Hex	DIPM**10ZKRTH**
				Non-Hex	DIPM**10ZKRNTH**
		Ø14	Regular	Hex	DIPM**14ZKRTH**
				Non-Hex	DIPM**14ZKRNTH**

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 Zirkonzahn)
- Packing unit : abutment + EbonyGold screw or Ti screw

Abutment + screw order code
: product code + **WH or TH** (ex : TSPM10ARM**WH**)

Equipment	Implant	D	Type		Code
Manix	Osstem TS	Ø10	Mini	Hex	TSPM**10MXMWH**
				Non-Hex	TSPM**10MXMNWH**
			Regular	Hex	TSPM**10MXRWH**
				Non-Hex	TSPM**10MXRNWH**
		Ø14	Mini	Hex	TSPM**14MXMWH**
				Non-Hex	TSPM**14MXMNWH**
			Regular	Hex	TSPM**14MXRWH**
				Non-Hex	TSPM**14MXRNWH**
	Dentium (DE)	Ø10	Mini	Hex	DEPM**10MXRTH**
				Non-Hex	DEPM**10MXRNTH**
		Ø14	Regular	Hex	DEPM**14MXRTH**
				Non-Hex	DEPM**14MXRNTH**
	Dentis (DT)	Ø10	Mini	Hex	DTPM**10MXRTH**
				Non-Hex	DTPM**10MXRNTH**
		Ø14	Regular	Hex	DTPM**14MXRTH**
				Non-Hex	DTPM**14MXRNTH**
	Megagen (MO)	Ø10	Mini	Hex	MOPM**10MXRTH**
				Non-Hex	MOPM**10MXRNTH**
		Ø14	Regular	Hex	MOPM**14MXRTH**
				Non-Hex	MOPM**14MXRNTH**
	Dio (DI)	Ø10	Mini	Hex	DIPM**10MXRTH**
				Non-Hex	DIPM**10MXRNTH**
		Ø14	Regular	Hex	DIPM**14MXRTH**
				Non-Hex	DIPM**14MXRNTH**

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 Zirkonzahn)
- Packing unit : abutment + EbonyGold screw or Ti screw

Abutment + screw order code
: product code + **WH or TH** (ex : TSPM10ARM**WH**)

Equipment	Implant	D	Type		Code
Ceramill	Osstem TS	Ø12	Mini	Hex	TSPM**12CEMWH**
				Non-Hex	TSPM**12CEMNWH**
			Regular	Hex	TSPM**12CERWH**
				Non-Hex	TSPM**12CERNWH**

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**)

Equipment	Implant	D	Type		Code
ARUM Imes-icore Dental plus	Osstem SS	Ø10	Regular	Octa	SSPM**10AGRTH**
				Non-Octa	SSPM**10AGRNTH**
			Wide	Octa	SSPM**10AGWTH**
				Non-Octa	SSPM**10AGWNTH**
		Ø14	Regular	Octa	SSPM**14ANRTH**
				Non-Octa	SSPM**14ANRNTH**
Manix	Osstem SS	Ø10	Regular	Octa	SSPM**10MXRTH**
			Wide	Octa	SSPM**10MXWTH**

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
Doowon ARUM	Osstem US	Ø10	Mini	Hex	USPM**10AGMTH**
			Mini	Non-hex	USPM**10AGMNTH**
			Regular	Hex	USPM**10AGRTH**
			Regular	Non-hex	USPM**10AGRNTH**
			Wide	Hex	USPM**10AGWTH**
			Wide	Non-hex	USPM**10AGWNTH**

Digital Prosthetics Link Abutment (for public / Cerec)

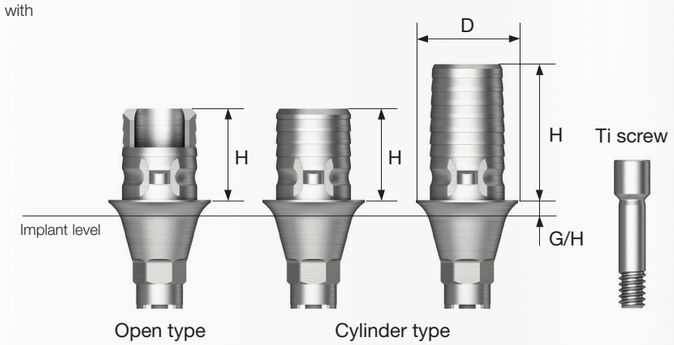
KS Link Abutment for Public 2020.07

- 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 : KSPL4041**TH**)

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 Type	1.0	2.0	3.0	4.0
Hex	**4.0** Open Type	KSPL**4041**	KSPL**4042**	KSPL**4043**	KSPL**4044**
Hex	**4.0** Cylinder Type	KSPL**4041C**	KSPL**4042C**	KSPL**4043C**	KSPL**4044C**
Hex	**6.0** Cylinder Type	KSPL**4061**	KSPL**4062**	KSPL**4063**	KSPL**4064**
Non-Hex	**4.0** Open Type	KSPL**4041N**	KSPL**4042N**	KSPL**4043N**	KSPL**4044N**
Non-Hex	**4.0** Cylinder Type	KSPL**4041CN**	KSPL**4042CN**	KSPL**4043CN**	KSPL**4044CN**
Non-Hex	**6.0** Cylinder Type	KSPL**4061N**	KSPL**4062N**	KSPL**4063N**	KSPL**4064N**

D ø4.5

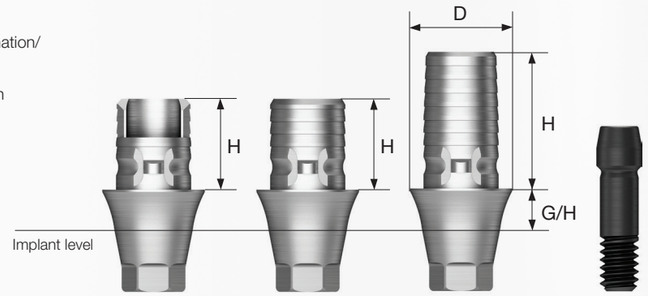
	H / G/H Type	1.0	2.0	3.0	4.0
Hex	**4.0** Open Type	KSPL**4541**	KSPL**4542**	KSPL**4543**	KSPL**4544**
Hex	**4.0** Cylinder Type	KSPL**4541C**	KSPL**4542C**	KSPL**4543C**	KSPL**4544C**
Hex	**6.0** Cylinder Type	KSPL**4561**	KSPL**4562**	KSPL**4563**	KSPL**4564**
Non-Hex	**4.0** Open Type	KSPL**4541N**	KSPL**4542N**	KSPL**4543N**	KSPL**4544N**
Non-Hex	**4.0** Cylinder Type	KSPL**4541CN**	KSPL**4542CN**	KSPL**4543CN**	KSPL**4544CN**
Non-Hex	**6.0** Cylinder Type	KSPL**4561N**	KSPL**4562N**	KSPL**4563N**	KSPL**4564N**

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**)



Open type | Cylinder type | EbonyGold screw

D ø4.0

M
EbonyGold screw
: GSABSM

	H \ G/H	1.0	2.0	3.0	4.0
	Type				
Hex	4.0 Open Type	TSPL4041M	TSPL4042M	TSPL4043M	TSPL4044M
	4.0 Cylinder Type	TSPL4041C	TSPL4042C	TSPL4043C	TSPL4044C
	6.0 Cylinder Type	TSPL4061M	TSPL4062M	TSPL4063M	TSPL4064M
Non-Hex	4.0 Open Type	TSPL4041MN	TSPL4042MN	TSPL4043MN	TSPL4044MN
	4.0 Cylinder Type	TSPL4041CN	TSPL4042CN	TSPL4043CN	TSPL4044CN
	6.0 Cylinder Type	TSPL4061MN	TSPL4062MN	TSPL4063MN	TSPL4064MN

D ø4.5

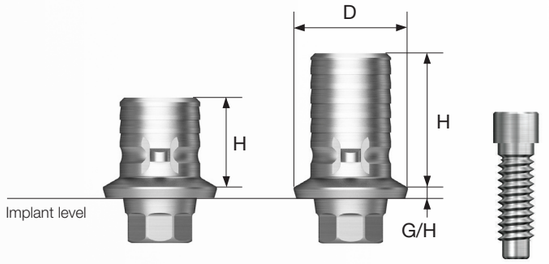
R
EbonyGold screw
: GSABSS

	H \ G/H	1.0	2.0	3.0	4.0
	Type				
Hex	4.0 Open Type	TSPL4541R	TSPL4542R	TSPL4543R	TSPL4544R
	4.0 Cylinder Type	TSPL4541C	TSPL4542C	TSPL4543C	TSPL4544C
	6.0 Cylinder Type	TSPL4561R	TSPL4562R	TSPL4563R	TSPL4564R
Non-Hex	4.0 Open Type	TSPL4541RN	TSPL4542RN	TSPL4543RN	TSPL4544RN
	4.0 Cylinder Type	TSPL4541CN	TSPL4542CN	TSPL4543CN	TSPL4544CN
	6.0 Cylinder Type	TSPL4561RN	TSPL4562RN	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**)



Cylinder type | Ti screw

D ø5.1

R
Ti screw
: ASR200

H \ G/H	0.5
Type	
4.0 Cylinder Type	SSPL4840C
6.0 Cylinder Type	SSPL4860C

D ø6.3

W
Ti screw
: ASR200

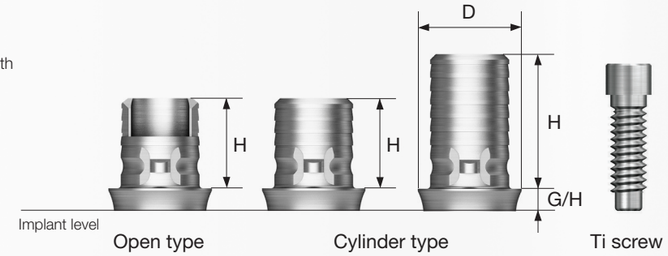
H \ G/H	0.5
Type	
4.0 Cylinder Type	SSPL6040C
6.0 Cylinder Type	SSPL6060C

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 : USPL4241O**TH**)



D ø4.2

M
Ti screw
: ASR200

H \ G/H Type	1	
4.0 Open Type	USPL**4241O**	-
4.0 Cylinder Type	-	USPL**4241C**
6.0 Cylinder Type	-	USPL**4261C**

D ø4.6

R
Ti screw
: ASR200

H \ G/H Type	1	
4.0 Open Type	USPL**4641O**	-
4.0 Cylinder Type	-	USPL**4641C**
6.0 Cylinder Type	-	USPL**4661C**

D ø6.3

W
Ti screw
: ASR200

H \ G/H Type	1	
4.0 Open Type	-	-
4.0 Cylinder Type	-	USPL**5541C**
6.0 Cylinder Type	-	USPL**5561C**

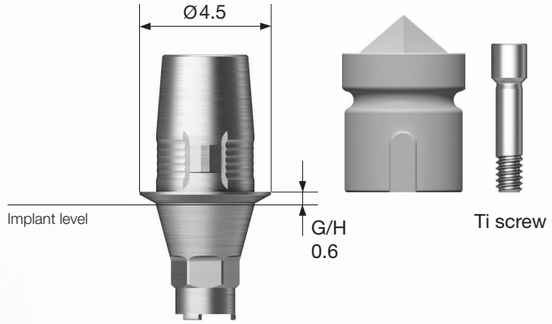
KS Link Abutment for Cerec 2020.07

- 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 : KSCTB**TH**)

KS products have a cylinder and a slot at the bottom

KS non-hex products have a slot at the bottom

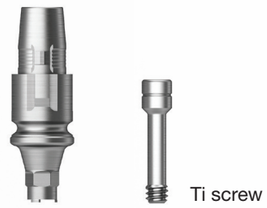


Type	Hex	Non-Hex
	KSC**TB**	KSC**TBN**

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 : KSCSP**TH**)



KSCSP

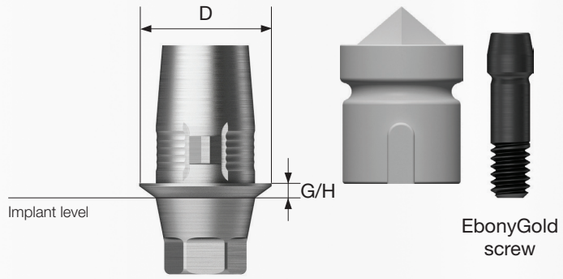
Digital Prosthetics Link Abutment (for public / Cerec)

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



D ø4.5 (M)

EbonyGold screw
: GSABSM

G/H	0.6		3	
Type	Hex	Non-Hex	Hex	Non-Hex
	TSCTB**M**	TSCTB**MN**	TSCTB**M3**	TSCTB**MN3**

D ø4.5 (R)

EbonyGold screw
: GSABSS

G/H	0.6		3	
Type	Hex	Non-Hex	Hex	Non-Hex
	TSCTB**R**	TSCTB**RN**	TSCTB**R3**	TSCTB**RN3**

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

G/H	0.6	3
M Yellow anodizing screw : GSABSML	TSCSPM	TSCSPM
R Green anodizing screw : GSABSSL	TSCSPR	TSCSPR

Cerec Scan Body

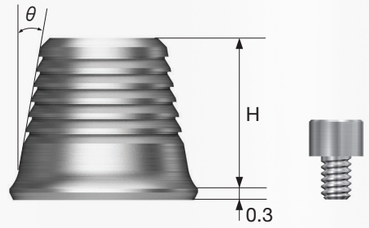
- Scanning by connecting Cerec Link Abutment or Scan Post
- Common use for KS/TS
- Packing unit : 10ea

TSCSBS

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	TSMTB**0405G**	TSMTB**0410G**
6	TSMTB**0605G**	-

TS Multi Scan Body

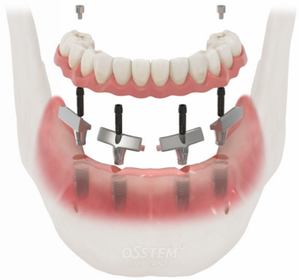
- Used for oral scanning by connecting to TS Multi Abutment
- Hand tightened with a 1.2 hex driver

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

OSSTEM IMPLANT

Dental Equipment

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

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

KaVo. Dental Excellence.

KaVo SONICflex® System.

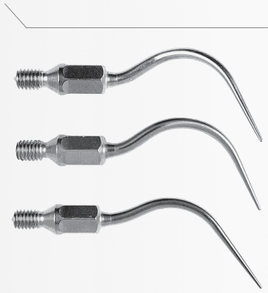
Sonicflex® Scaler

- 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® Paro

- 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

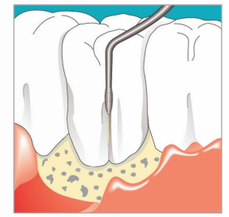


No. 60	O.571.7402
No. 61	O.571.7412
No. 62	O.571.7422

Sonicflex® Rootplaner

- Effective cleaning for difficult-to-reach furcations
- Periodontal surgery or root planing
- Diamond coating

No. 24	O.571.5621
No. 25	O.571.5631
No. 26	O.571.5641
No. 27	O.571.5651

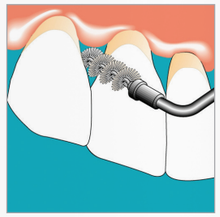


Special Handpieces SONICflex & Tips

Sonicflex® Clean

- Extensive range of oscillating brushes (6 types)
- For gentle cleaning and polishing
- Sonicflex Clean brushes can be autoclaved up to 10 times

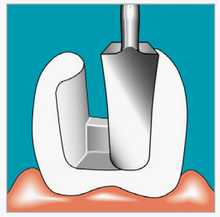
5units for 6 brush type	0.571.0001
Brush No.1	0.571.0402
Brush No.2	0.571.0412
Brush No.3	0.571.0422
Brush No.4	0.571.0432
Brush No.5	0.571.0472
Brush No.6	0.571.0482
Tip No. 48	0.571.0401



Sonicflex® Prep Ceram

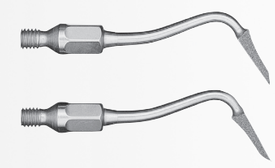
- Tip for precise preparation of various bevel-angles around proximal box margins
- Lateral 60°, Cervical 75°, suitable for ceramic inlays

No. 51	0.571.7262
No. 52	0.571.7262

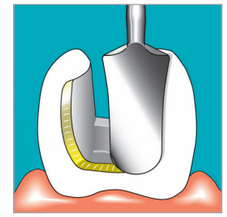


Sonicflex® Prep Gold

- 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 in precisely transferred

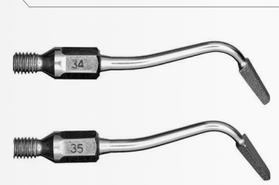


No. 49	0.571.7212
No. 50	0.571.7222

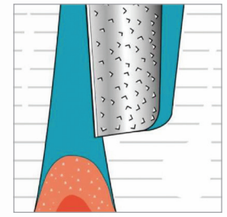


Sonicflex® Prep CAD/CAM

- 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® 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

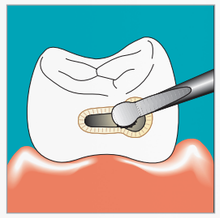
- Gentle and secure placement of inlays (1 type)
- Viscous resin is quickly liquefied

No. 12	0.571.5431

Sonicflex® Microinvasive

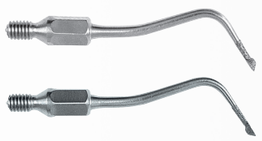
- Tips are designed for small, difficult-to-access lesions (caries) in the proximal region (6 types)
- Diamond coated on one side to allow direct occlusal and lateral access to existing lesions (caries)
- Used for maintenance of healthy tooth substance

No. 30	0.571.6811
No. 31	0.571.6801
No. 32	0.571.6831
No. 33	0.571.6821

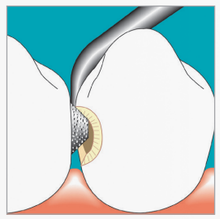


Sonicflex® Bevel

- 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

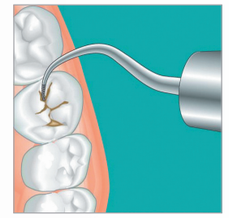
- Effective removal of subgingival plaque and calculus around implants

Tip. 48 + 10 Polymer pins	1.003.8167
30pcs Polymer Pins	1.003.8168

Sonicflex® Seal

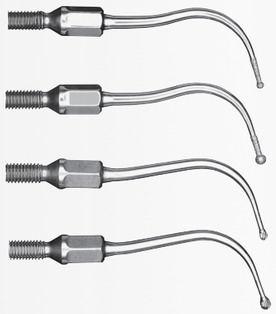
- Minimally invasive treatment of fissures (1 type)

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

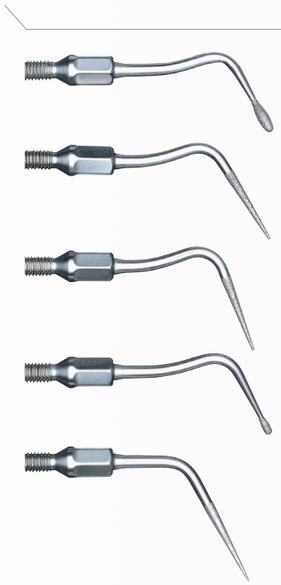


No. 42	1.000.7105
No. 43	1.000.7167
No. 71	1.000.7362
No. 72	1.000.7363

Special Handpieces SONICflex & Tips

Sonicflex® Line- endo

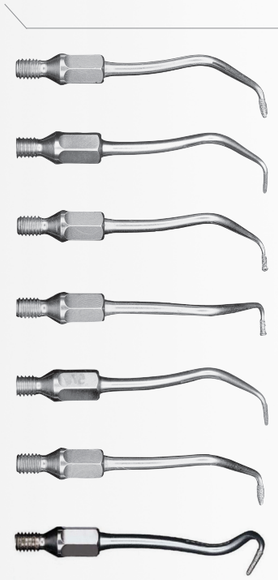
- Shaping of canal entrances (5 types)
- Shaping of the pulp cavity for coronal root preparation
- Searching for canals
- Removal of soft materials during revision



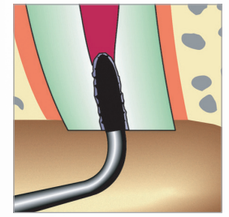
No. 66	1.000.5825
No. 67	1.000.5822
No. 68	1.000.5823
No. 69	1.000.5827
No. 70	1.000.5821

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

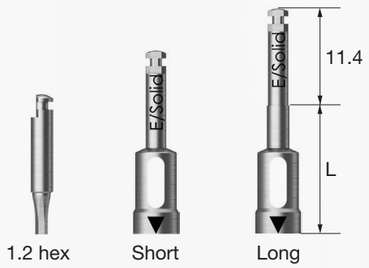
Osstem Torque II

- 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

User Manual 2020.10 ver.6.0 “Disposable, re-use prohibited, medical devices”

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.

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

STERILE R — Sterilized using irradiation

Use by

Manufacture

Do not reuse

Date of manufacture

Keep away from sunlight

Do not use, if package is damaged

REF — Catalogue number

NON STERILE — Non-Sterile

Keep dry

LOT — Batch code

Do not resterilize

Caution, Consult accompanying documents

OSSTEM IMPLANT

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