# TOPLAN IMPLANT SYSTEM

탑플란 제품 종합 카다록 | REV.05

# TOPLAN OF THE TOP IN THE WORLD

**Smart Dental Companion.**
**Young leader of Implant popularization, Toplan.**

Toplan is a global dental implant company that brings researchers and clinicians with world-class technical expertise in dental implant to research customer-friendly products and produce excellent products with proven quality and performance to contribute to the development of the global dental industry and the promotion of oral health of mankind.

Toplan

[ 탑플란, 대한민국을 넘어 세계를 대표하는 전문기업이 되겠습니다. ]

## R&D

Toplan's product is more complete and more customer-oriented than existing products by reflecting systematic market research and the needs of various consumers.

## SPECIALIST

It is a clear and accurate product made by research and production experts with knowledge and experience in conjunction with the history of dental implant and the development of industry.

Toplan

## MANUFACTURING

We have achieved the KGMP and ISO certifications, We produce and supply products that are secure and reliable through rigorous quality management systems and proven manufacturing processes.

## VISION

Toplan will continue to lead Dental Industry's Trend and create products that can contribute to the development of the world's dental industry and the advancement of everyone's health.

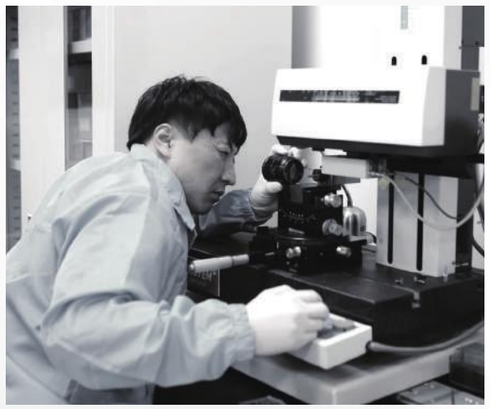
[ 탑플란, 대한민국을 넘어 세계를 대표하는 전문기업이 되겠습니다. ]

# LAB OF TOPLAN

**The goal of Toplan implant Lap is that developing the most popular and stable dental implant, which is the standard for the global implant market.**

Toplan implant has developed dental products that put first priority on safety and convenience of procedure after placement, based on its experience and infrastructure.
In particular, in terms of Surface Modification Techniques,
we have applied SLA surface modification techniques,
which has been clinically verified for more than 10 years,
to achieve the highest success rate of Osseointegration in Korea.
We continue to invest in R&D to advance into overseas markets as well as Korea.

Toplan's implant lab is constantly striving to develop the most stable implants
in the global market is to become the standard.



# HISTORY

## 2020

01 | To be Achieved FDA (within this year)
Making inroads into overseas market.
(EU, Taiwan, Thailand, Iran, Vietnam)

## 2019

01 | Achieved ISO 13485

05 | Launched K3 Unit Chair
Launched UC-ONE Passive Ultrasonic Irrigation
Launched NIBEC Regenomer

06 | 1 million dollar export contract to Iran

09 | Launched SINUS KIT

10 | Launched TDP System
Launched Equimatrix
(Heterogeneous bone graft material)
Launched BioGaia Prodentis

12 | Achieved CE Mark
Achieved Vietman Importing License
Launched Osstell Beacon
Launched SM5 Engine

## 2018

01 | Launched T01 Implant System
Launched SM3 Engine
Launched Vussen Whitening Toothpaste

04 | Launched Topgen-X
(Heterogeneous bone graft material)
Launched Topgen-S
(Synthetic bone graft material)
Launched Onefit Custom Abutment

07 | Launched Ossguide
(absorbable collagen membrane)
Launched BIO-MEM
(titanium-reinforced micro pore membrane)

12 | Launched TSR/TFR KIT

## 2017

01 | Engaged a development cooperation
agreement with Osstem Implant R&D

08 | Completed T01 Implant System development

10 | Achieved KGMP Certification

12 | Established 15 Sales branches

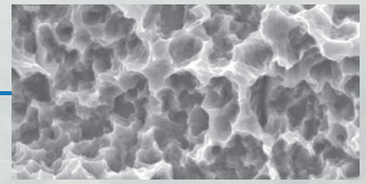
## 2016

12 | Established Toplan Co., Ltd.

## DISTINGUISHED FEATURE OF TOPLAN

# T01

- Taper Body with excellent placement
- The great initial fixation
- S.L.A Surface
- High Strength of Screw and Abutment Connections
- Excellent surgical procedural convenience
- Recommended placement torque : 30 ~ 45Ncm

### S.L.A SURFACE

- Surface roughness of Ra 2.0~2.5㎛
- Uniform micro-pit size of 1 ~ 3㎛
- Excellent bone response performance
- Biologically safe

### TAPERED DESIGN

As the product is designed similar to natural dental root, it is favorable for bone formation and is suitable for immediate & early loading.

### SMALL THREAD

Secures the initial fixing force in Soft Bone.

### CORKSCREW THREAD & CUTTING EDGE

Easy to adjust the depth and the path of insertion with powerful Self-threading effect

### DOUBLE THREAD

Operation time is reduced due to the Double Thread.

**Internal Hex**
Submerged type implant with internal hex and 11° Morse Taper structure

# CONTENTS

# Fixture & Abutment

1

## Fixture & Abutment 13

# T01 FIXTURE

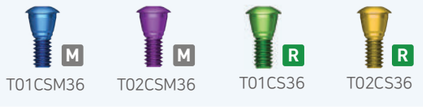
- Submerged type implant with internal hex and 11° Morse Taper structure
- Taper Body with a great initial fixation
- High Strength of Screw and Abutment Connections
- Recommended placement torque: 30 ~ 45Ncm

NOMOUNT FIXTURE ORDER CODE

: T01+4.5+8+SLA
(System + Diameter + Length + Surface)
= T014508S

COVER SCREW
·Mini: Diameter 3.1 / Length 5.87
·Mini: Diameter 3.6 / Length 6.37

- T01 : Connect using 1.28 Hex Driver for hands
- T02 : Connect using 1.2 Hex Driver for hands
- Recommended tightening torque: Less than 5Ncm
- Must use sterilized products




T01CSM36 T02CSM36 T01CS36 T02CS36


## DØ 3.0 Hex 2.1

M

| L(mm) | 5.5(7) | 7 | 8 | 10 | 12 | 14 |
|---|---|---|---|---|---|---|
| | - | T013007S | T013008S | T013010S | T013012S | T013014S |

## DØ 3.6 Hex 2.5

R

| L(mm) | 5.5(7) | 7 | 8 | 10 | 12 | 14 |
|---|---|---|---|---|---|---|
| | T013606S | T013607S | T013608S | T013610S | T013612S | T013614S |

## DØ 4.0 Hex 2.5

R

| L(mm) | 5.5(7) | 7 | 8 | 10 | 12 | 14 |
|---|---|---|---|---|---|---|
| | T014006S | T014007S | T014008S | T014010S | T014012S | T014014S |



## DØ 4.5 Hex 2.5

R

| L(mm) | 5.5(7) | 7 | 8 | 10 | 12 | 14 |
|---|---|---|---|---|---|---|
| | T014506S | T014507S | T014508S | T014510S | T014512S | T014514S |

## DØ 5.0 Hex 2.5

R

| L(mm) | 5.5(7) | 7 | 8 | 10 | 12 | 14 |
|---|---|---|---|---|---|---|
| | T015006S | T015007S | T015008S | T015010S | T015012S | T015014S |

Ultra-WIDE

## DØ 6.0 Hex 2.5

R

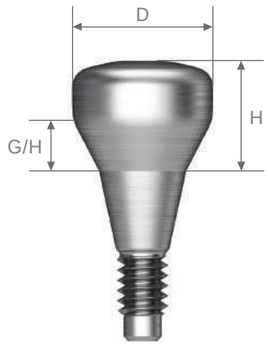
| L(mm) | 5.5(7) | 7 | 8 | 10 | 12 | 14 |
|---|---|---|---|---|---|---|
| | T016006S | T016007S | T016008S | T016010S | T016012S | - |

## DØ 7.0 Hex 2.5

R

| L(mm) | 5.5(7) | 7 | 8 | 10 | 12 | 14 |
|---|---|---|---|---|---|---|
| | T017006S | T017007S | T017008S | T017010S | T017012S | - |

# T01 HEALING ABUTMENT




- **1.28 Hex only**
- Connect using 1.28 Hex Driver for hands
- Recommended tightening torque: Less than 10Ncm

## D Ø 4.0

M

| G/H | 2.0 | 2.0 | 3.0 | 4.0 |
|---|---|---|---|---|
| H(mm) | 2.0 | 3.5 | 5.0 | 7.0 |
| | T01HAM402020 | T01HAM402035 | T01HAM403050 | T01HAM404070 |

## D Ø 4.0

R

| G/H | 2.0 | 2.0 | 3.0 | 4.0 |
|---|---|---|---|---|
| H(mm) | 2.0 | 3.5 | 5.0 | 7.0 |
| | T01HA402020 | T01HA402035 | T01HA403050 | T01HA404070 |

## D Ø 4.5

R

| G/H | 2.0 | 2.0 | 3.0 | 4.0 |
|---|---|---|---|---|
| H(mm) | 2.0 | 3.5 | 5.0 | 7.0 |
| | T01HA452020 | T01HA452035 | T01HA453050 | T01HA454070 |

## D Ø 5.5

R

| G/H | 2.0 | 2.0 | 3.0 | 4.0 |
|---|---|---|---|---|
| H(mm) | 2.0 | 3.5 | 5.0 | 7.0 |
| | T01HA552020 | T01HA552035 | T01HA553050 | T01HA554070 |

## D Ø 6.5

R

| G/H | 2.0 | 2.0 | 3.0 | 4.0 |
|---|---|---|---|---|
| H(mm) | 2.0 | 3.5 | 5.0 | 7.0 |
| | T01HA652020 | T01HA652035 | T01HA653050 | T01HA654070 |

## D Ø 7.5

R

| G/H | 2.0 | 2.0 | 3.0 | 4.0 |
|---|---|---|---|---|
| H(mm) | 2.0 | 3.5 | 5.0 | 7.0 |
| | - | T01HA752035 | T01HA753050 | - |

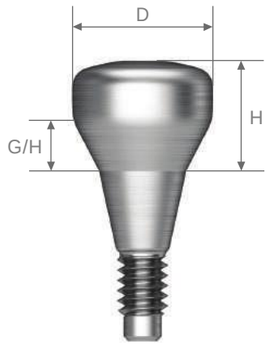
## D Ø 8.5

R

| G/H | 2.0 | 2.0 | 3.0 | 4.0 |
|---|---|---|---|---|
| H(mm) | 2.0 | 3.5 | 5.0 | 7.0 |
| | - | T01HA852035 | T01HA853050 | - |

# T02 HEALING ABUTMENT

- **1.2 Hex only**
- 1.2 Hex Driver
- Recommended tightening torque: Less than 10Ncm




## DØ 4.0

M

| G/H | H(mm) | |
|---|---|---|
| 2.0 | 2.0 | T02HAM402020 |
| 2.0 | 3.5 | T02HAM402035 |
| 3.0 | 5.0 | T02HAM403050 |
| 4.0 | 7.0 | T02HAM404070 |

## DØ 4.0

R

| G/H | H(mm) | |
|---|---|---|
| 2.0 | 2.0 | T02HA402020 |
| 2.0 | 3.5 | T02HA402035 |
| 3.0 | 5.0 | T02HA403050 |
| 4.0 | 7.0 | T02HA404070 |

## DØ 4.5

R

| G/H | H(mm) | |
|---|---|---|
| 2.0 | 2.0 | T02HA452020 |
| 2.0 | 3.5 | T02HA452035 |
| 3.0 | 5.0 | T02HA453050 |
| 4.0 | 7.0 | T02HA454070 |

## DØ 5.5

R

| G/H | H(mm) | |
|---|---|---|
| 2.0 | 2.0 | T02HA552020 |
| 2.0 | 3.5 | T02HA552035 |
| 3.0 | 5.0 | T02HA553050 |
| 4.0 | 7.0 | T02HA554070 |

## DØ 6.5

R

| G/H | H(mm) | |
|---|---|---|
| 2.0 | 2.0 | T02HA652020 |
| 2.0 | 3.5 | T02HA652035 |
| 3.0 | 5.0 | T02HA653050 |
| 4.0 | 7.0 | T02HA654070 |

## DØ 7.5

R

| G/H | H(mm) | |
|---|---|---|
| 2.0 | 2.0 | - |
| 2.0 | 3.5 | T02HA752035 |
| 3.0 | 5.0 | T02HA753050 |
| 4.0 | 7.0 | - |

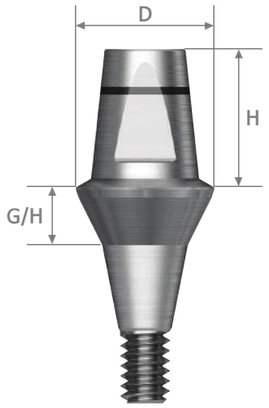
## DØ 8.5

R

| G/H | H(mm) | |
|---|---|---|
| 2.0 | 2.0 | - |
| 2.0 | 3.5 | T02HA852035 |
| 3.0 | 5.0 | T02HA853050 |
| 4.0 | 7.0 | - |

# T01 ONE ABUTMENT

- **1.28 Hex only**
- Abutment for cement-maintained prosthesis fabrication
- Connect using 1.28 Hex Driver
- Recommended tightening torque: Less than 25~30Ncm




## D Ø 4.0

M

G/H

H(mm) 4.0

5.5

| 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
|---|---|---|---|---|---|
| T01OAM4010S | T01OAM4015S | T01OAM4025S | T01OAM4035S | T01OAM4045S | T01OAM4055S |
| T01OAM4010L | T01OAM4015L | T01OAM4025L | T01OAM4035L | T01OAM4045L | T01OAM4055L |

## D Ø 4.5

R

G/H

H(mm) 4.0

5.5

| 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
|---|---|---|---|---|---|
| T01OA4510S | T01OA4515S | T01OA4525S | T01OA4535S | T01OA4545S | T01OA4555S |
| T01OA4510L | T01OA4515L | T01OA4525L | T01OA4535L | T01OA4545L | T01OA4555L |

## D Ø 5.5

R

G/H

H(mm) 4.0

5.5

| 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
|---|---|---|---|---|---|
| - | T01OA5515S | T01OA5525S | T01OA5535S | T01OA5545S | T01OA5555S |
| - | T01OA5515L | T01OA5525L | T01OA5535L | T01OA5545L | T01OA5555L |

## D Ø 6.5

R

G/H

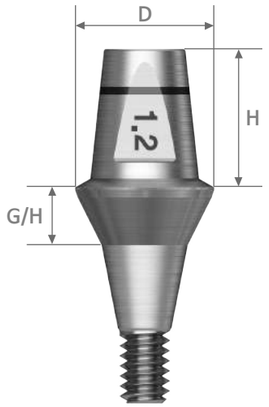
H(mm) 4.0

5.5

| 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
|---|---|---|---|---|---|
| - | T01OA6515S | T01OA6525S | T01OA6535S | T01OA6545S | T01OA6555S |
| - | T01OA6515L | T01OA6525L | T01OA6535L | T01OA6545L | T01OA6555L |

# T02 ONE ABUTMENT

- **1.2 Hex only**
- Abutment for cement-maintained prosthesis fabrication
- Connect using 1.2 Hex Driver
- Recommended tightening torque: Less than 25~30Ncm




## D Ø 4.0

M

G/H

H(mm) 4.0

5.5

| 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
|---|---|---|---|---|---|
| T02OAM4010S | T02OAM4015S | T02OAM4025S | T02OAM4035S | T02OAM4045S | T02OAM4055S |
| T02OAM4010L | T02OAM4015L | T02OAM4025L | T02OAM4035L | T02OAM4045L | T02OAM4055L |

## D Ø 4.5

R

G/H

H(mm) 4.0

5.5

| 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
|---|---|---|---|---|---|
| T02OA4510S | T02OA4515S | T02OA4525S | T02OA4535S | T02OA4545S | T02OA4555S |
| T02OA4510L | T02OA4515L | T02OA4525L | T02OA4535L | T02OA4545L | T02OA4555L |

## D Ø 5.5

R

G/H

H(mm) 4.0

5.5

| 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
|---|---|---|---|---|---|
| - | T02OA5515S | T02OA5525S | T02OA5535S | T02OA5545S | T02OA5555S |
| - | T02OA5515L | T02OA5525L | T02OA5535L | T02OA5545L | T02OA5555L |

## D Ø 6.5

R

G/H

H(mm) 4.0

5.5

| 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
|---|---|---|---|---|---|
| - | T02OA6515S | T02OA6525S | T02OA6535S | T02OA6545S | T02OA6555S |
| - | T02OA6515L | T02OA6525L | T02OA6535L | T02OA6545L | T02OA6555L |

# ONE ABUTMENT Components

## Comfort Cap

- Protecting One abutment and minimizing patient's uncomfortable
- Available as a temporary crown base

M R

| D \ H | 4.0 | 5.5 | 7.0 |
|---|---|---|---|
| |  |  |  |
| ø 4.0 | T01ALCC40S | T01ALCC40M | T01ALCC40L |
| ø 4.5 | T01ALCC45S | T01ALCC45M | T01ALCC45L |
| ø 5.5 | T01ALCC50S | T01ALCC50M | T01ALCC50L |
| ø 6.5 | T01ALCC65S | T01ALCC65M | T01ALCC65L |

## Impression Coping

- One abutment components for impression
- Available exquisite prosthetic fabrication with Lab analog
- Use for 5.5 height Abutment

M R

| D \ H | 5.5 |
|---|---|
| |  |
| ø 4.0 | T01ALIC40 |
| ø 4.5 | T01ALIC45 |
| ø 5.5 | T01ALIC55 |
| ø 6.5 | T01ALIC65 |

## Lab Analog

- Reproduction on model after impression one abutment
- Use by connecting to the same diameter with one impression coping

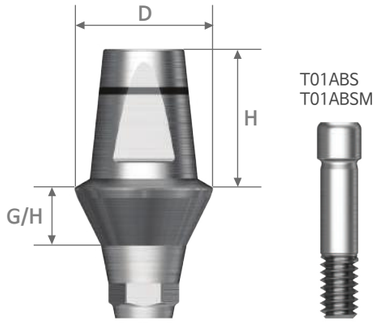
M R

| D \ H | 4.0 | 5.5 | 7.0 |
|---|---|---|---|
| |  |  |  |
| ø 4.0 | T01ALLA40S | T01ALLA40M | - |
| ø 4.5 | T01ALLA45S | T01ALLA45M | T01ALLA45L |
| ø 5.5 | T01ALLA50S | T01ALLA50M | T01ALLA50L |
| ø 6.5 | T01ALLA65S | T01ALLA65M | - |

# T01 TWO ABUTMENT

- **1.28 Hex only**
- Abutment for cement/combination-maintained prosthesis fabrication
- Connect by using 1.28 Hex Driver
- Recommended tightening torque: Mini 20Ncm / Regular 30Ncm
- Packing unit : Abutment + Screw

**ORDER CODE**
: Product Code+TH = **T01TA4510TH**




## D Ø 4.0 M

| H(mm) | 5.5 | | | | | |
|---|---|---|---|---|---|---|
| G/H | 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
| Hex | T01TAM4510 | T01TAM4515 | T01TAM4525 | T01TAM4535 | T01TAM4545 | T01TAM4555 |
| Non-Hex | T01TAM4510N | T01TAM4515N | T01TAM4525N | T01TAM4535N | T01TAM4545N | T01TAM4555N |

## D Ø 4.0 M

| H(mm) | 7.0 | | | | | |
|---|---|---|---|---|---|---|
| G/H | 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
| Hex | T01TAM4710 | T01TAM4715 | T01TAM4725 | T01TAM4735 | T01TAM4745 | T01TAM4755 |
| Non-Hex | T01TAM4710N | T01TAM4715N | T01TAM4725N | T01TAM4735N | T01TAM4745N | T01TAM4755N |

## D Ø 4.5 R

| H(mm) | 4.0 | | | | | |
|---|---|---|---|---|---|---|
| G/H | 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
| Hex | T01TA4410 | T01TA4415 | T01TA4425 | T01TA4435 | T01TA4445 | T01TA4555 |
| Non-Hex | T01TA4410N | T01TA4415N | T01TA4425N | T01TA4435N | T01TA4445N | T01TA4555N |

## D Ø 4.5 R

| H(mm) | 5.5 | | | | | |
|---|---|---|---|---|---|---|
| G/H | 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
| Hex | T01TA4510 | T01TA4515 | T01TA4525 | T01TA4535 | T01TA4545 | T01TA4555 |
| Non-Hex | T01TA4510N | T01TA4515N | T01TA4525N | T01TA4535N | T01TA4545N | T01TA4555N |

## D Ø 4.5 R

| H(mm) | 7.0 | | | | | |
|---|---|---|---|---|---|---|
| G/H | 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
| Hex | T01TA4710 | T01TA4715 | T01TA4725 | T01TA4735 | T01TA4745 | T01TA4755 |
| Non-Hex | T01TA4710N | T01TA4715N | T01TA4725N | T01TA4735N | T01TA4745N | T01TA4755N |

# T01 TWO ABUTMENT

- 1.28 Hex only

## D Ø 5.5

R

| H(mm) | 4.0 | | | | | |
|---|---|---|---|---|---|---|
| G/H | 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
| Hex | - | T01TA5415 | T01TA5425 | T01TA5435 | T01TA5445 | T01TA5455 |
| Non-Hex | - | T01TA5415N | T01TA5425N | T01TA5435N | T01TA5445N | T01TA5455N |

## D Ø 5.5

R

| H(mm) | 5.5 | | | | | |
|---|---|---|---|---|---|---|
| G/H | 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
| Hex | - | T01TA5515 | T01TA5525 | T01TA5535 | T01TA5545 | T01TA5555 |
| Non-Hex | - | T01TA5515N | T01TA5525N | T01TA5535N | T01TA5545N | T01TA5555N |

## D Ø 5.5

R

| H(mm) | 7.0 | | | | | |
|---|---|---|---|---|---|---|
| G/H | 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
| Hex | - | T01TA5715 | T01TA5725 | T01TA5735 | T01TA5745 | T01TA5755 |
| Non-Hex | - | T01TA5715N | T01TA5725N | T01TA5735N | T01TA5745N | T01TA5755N |

## D Ø 6.5

R

| H(mm) | 4.0 | | | | | |
|---|---|---|---|---|---|---|
| G/H | 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
| Hex | - | T01TA6415 | T01TA6425 | T01TA6435 | T01TA6445 | T01TA6455 |
| Non-Hex | - | T01TA6415N | T01TA6425N | T01TA6435N | T01TA6445N | T01TA6455N |

## D Ø 6.5

R

| H(mm) | 5.5 | | | | | |
|---|---|---|---|---|---|---|
| G/H | 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
| Hex | - | T01TA6515 | T01TA6525 | T01TA6535 | T01TA6545 | T01TA6555 |
| Non-Hex | - | T01TA6515N | T01TA6525N | T01TA6535N | T01TA6545N | T01TA6555N |

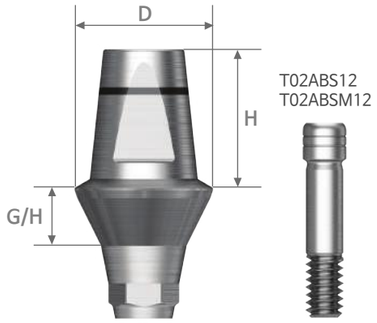
## Abutment Screw

| L(mm) | 10.2 | 10.2 |
|---|---|---|
| M | T01ABSM | - |
| R | - | T01ABS |

# T02 TWO ABUTMENT

- **1.2 Hex only**
- Abutment for cement/combination-maintained prosthesis fabrication
- Connect by using 1.28 Hex Driver
- Recommended tightening torque: Mini 20Ncm / Regular 30Ncm
- Packing unit : Abutment + Screw

**ORDER CODE**
: Product Code+TH = **T02TA4510TH**




## D Ø 4.0 M

| H(mm) | 5.5 | | | | | |
|---|---|---|---|---|---|---|
| G/H | 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
| Hex | T02TAM4510 | T02TAM4515 | T02TAM4525 | T02TAM4535 | T02TAM4545 | T02TAM4555 |
| Non-Hex | T02TAM4510N | T02TAM4515N | T02TAM4525N | T02TAM4535N | T02TAM4545N | T02TAM4555N |

## D Ø 4.0 M

| H(mm) | 7.0 | | | | | |
|---|---|---|---|---|---|---|
| G/H | 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
| Hex | T02TAM4710 | T02TAM4715 | T02TAM4725 | T02TAM4735 | T02TAM4745 | T02TAM4755 |
| Non-Hex | T02TAM4710N | T02TAM4715N | T02TAM4725N | T02TAM4735N | T02TAM4745N | T02TAM4755N |



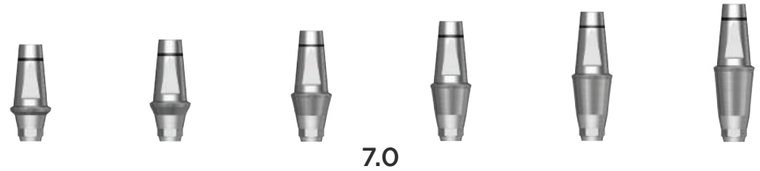
## D Ø 4.5 R

| H(mm) | 4.0 | | | | | |
|---|---|---|---|---|---|---|
| G/H | 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
| Hex | T02TA4410 | T02TA4415 | T02TA4425 | T02TA4435 | T02TA4445 | T02TA4555 |
| Non-Hex | T02TA4410N | T02TA4415N | T02TA4425N | T02TA4435N | T02TA4445N | T02TA4555N |

## D Ø 4.5 R

| H(mm) | 5.5 | | | | | |
|---|---|---|---|---|---|---|
| G/H | 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
| Hex | T02TA4510 | T02TA4515 | T02TA4525 | T02TA4535 | T02TA4545 | T02TA4555 |
| Non-Hex | T02TA4510N | T02TA4515N | T02TA4525N | T02TA4535N | T02TA4545N | T02TA4555N |

## D Ø 4.0 R



| H(mm) | 7.0 | | | | | |
|---|---|---|---|---|---|---|
| G/H | 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
| Hex | T02TA4710 | T02TA4715 | T02TA4725 | T02TA4735 | T02TA4745 | T02TA4755 |
| Non-Hex | T02TA4710N | T02TA4715N | T02TA4725N | T02TA4735N | T02TA4745N | T02TA4755N |

# T02 TWO ABUTMENT

- 1.2 Hex only

## D Ø 5.5

R

| H(mm) | 4.0 | | | | |
|---|---|---|---|---|---|
| G/H | 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
| Hex | - | T02TA5415 | T02TA5425 | T02TA5435 | T02TA5445 | T02TA5455 |
| Non-Hex | - | T02TA5415N | T02TA5425N | T02TA5435N | T02TA5445N | T02TA5455N |

## D Ø 5.5

R

| H(mm) | 5.5 | | | | |
|---|---|---|---|---|---|
| G/H | 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
| Hex | - | T02TA5515 | T02TA5525 | T02TA5535 | T02TA5545 | T02TA5555 |
| Non-Hex | - | T02TA5515N | T02TA5525N | T02TA5535N | T02TA5545N | T02TA5555N |

## D Ø 5.5

R

| H(mm) | 7.0 | | | | |
|---|---|---|---|---|---|
| G/H | 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
| Hex | - | T02TA5715 | T02TA5725 | T02TA5735 | T02TA5745 | T02TA5755 |
| Non-Hex | - | T02TA5715N | T02TA5725N | T02TA5735N | T02TA5745N | T02TA5755N |

## D Ø 6.5

R

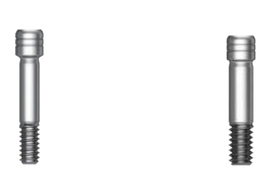
| H(mm) | 4.0 | | | | |
|---|---|---|---|---|---|
| G/H | 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
| Hex | - | T02TA6415 | T02TA6425 | T02TA6435 | T02TA6445 | T02TA6455 |
| Non-Hex | - | T02TA6415N | T02TA6425N | T02TA6435N | T02TA6445N | T02TA6455N |

## D Ø 6.5

R

| H(mm) | 5.5 | | | | |
|---|---|---|---|---|---|
| G/H | 1.0 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
| Hex | - | T02TA6515 | T02TA6525 | T02TA6535 | T02TA6545 | T02TA6555 |
| Non-Hex | - | T02TA6515N | T02TA6525N | T02TA6535N | T02TA6545N | T02TA6555N |

## Abutment Screw



| L(mm) | 10.2 | 10.2 |
|---|---|---|
| M | T02ABSM12 | - |
| R | - | T02ABS12 |

# T01 IMPRESSION COMPONENT

## PICK-UP IMPRESSION COPING

- **1.28 Hex only**
- Designed to fix stably in the impression by using open tray
- Connect by using 1.28 Hex Driver for hands
- Packing unit : Impression Coping + Guide Pin

**ORDER CODE**
: Product Code+TH = **T01PIC4511TH**


| L(mm) | Hex | Non-Hex | Hex | Non-Hex |
|---|---|---|---|---|
| |  |  |  |  |
| | 11 | | 15 | |
| M DØ 4.0 | T01PICM4011 | T01PICM4011N | T01PICM4015 | T01PICM4015N |
| R DØ 4.0 | T01PIC4011 | T01PIC4011N | T01PIC4015 | T01PIC4015N |
| DØ 4.5 | T01PIC4511 | T01PIC4511N | T01PIC4515 | T01PIC4515N |
| DØ 5.5 | T01PIC5511 | T01PIC5511N | T01PIC5515 | T01PIC5515N |
| DØ 6.5 | T01PIC6511 | T01PIC6511N | T01PIC6515 | T01PIC6515N |

## GUIDE PIN

| L(mm) | 23 | 27 |
|---|---|---|
| M | T01PICGMS | T01PICGML |
| R | T01PICGS | T01PICGL |

## LAP ANALOG

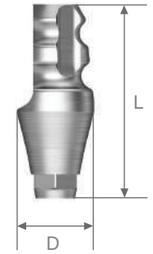
| | |
|---|---|
| M | T01LAM |
| R | T01LA |



## TRANSFER IMPRESSION COPING

- **1.28 Hex only**
- Designed to fastening stably, accurate repositioning by using open tray
- Connect by using 1.28 Hex Driver for hands
- Packing unit : Impression Coping+Guide Pin

**ORDER CODE**
: Product Code+TH = **T01TIC4511TH**




| L(mm) | Hex | Non-Hex | Hex | Non-Hex |
|---|---|---|---|---|
| |  |  |  |  |
| | 11 | | 15 | |
| M DØ 4.0 | T01TICM4011 | T01TICM4011N | T01TICM4015 | T01TICM4015N |
| R DØ 4.0 | T01TIC4011 | T01TIC4011N | T01TIC4015 | T01TIC4015N |
| DØ 4.5 | T01TIC4511 | T01TIC4511N | T01TIC4515 | T01TIC4515N |
| DØ 5.5 | T01TIC5511 | T01TIC5511N | T01TIC5515 | T01TIC5515N |
| DØ 6.5 | T01TIC6511 | T01TIC6511N | T01TIC6515 | T01TIC6515N |

## GUIDE PIN

| L(mm) | 17 | 21 |
|---|---|---|
| M | T01TICGMS | T01TICGML |
| R | T01TICGS | T01TICGL |

# T02 IMPRESSION COMPONENT

## PICK-UP IMPRESSION COPING


- **1.2 Hex only**
- Designed to fix stably in the impression by using open tray
- Connect by using 1.2 Hex Driver for hands
- Packing unit : Impression Coping + Guide Pin

**ORDER CODE**
: Product Code+TH = **T02PIC4511TH**

| L(mm) | Hex | Non-Hex | Hex | Non-Hex |
|---|---|---|---|---|
| |  |  |  |  |
| | 11 | | 15 | |
| M DØ 4.0 | T02PICM4011 | T02PICM4011N | T02PICM4015 | T02PICM4015N |
| R DØ 4.0 | T02PIC4011 | T02PIC4011N | T02PIC4015 | T02PIC4015N |
| DØ 4.5 | T02PIC4511 | T02PIC4511N | T02PIC4515 | T02PIC4515N |
| DØ 5.5 | T02PIC5511 | T02PIC5511N | T02PIC5515 | T02PIC5515N |
| DØ 6.5 | T02PIC6511 | T02PIC6511N | T02PIC6515 | T02PIC6515N |

## GUIDE PIN

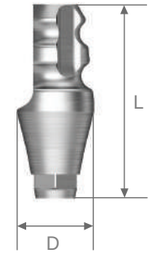
| L(mm) | 23 | 27 |
|---|---|---|
| |  |  |
| M | T02PICMGS12 | T02PICMGL12 |
| R | T02PICGS12 | T02PICGL12 |

## LAP ANALOG

| | |
|---|---|
| |  |
| M | T01LAM |
| R | T01LA |



## TRANSFER IMPRESSION COPING




- **1.2 Hex only**
- Designed to fastening stably, accurate repositioning by using open tray
- Connect by using 1.2 Hex Driver for hands
- Packing unit : Impression Coping+Guide Pin

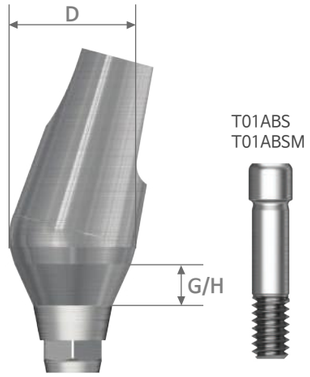
**ORDER CODE**
: Product Code+TH = **T02TIC4511TH**

| L(mm) | Hex | Non-Hex | Hex | Non-Hex |
|---|---|---|---|---|
| |  |  |  |  |
| | 11 | | 15 | |
| M DØ 4.0 | T02TICM4011 | T02TICM4011N | T02TICM4015 | T02TICM4015N |
| R DØ 4.0 | T02TIC4011 | T02TIC4011N | T02TIC4015 | T02TIC4015N |
| DØ 4.5 | T02TIC4511 | T02TIC4511N | T02TIC4515 | T02TIC4515N |
| DØ 5.5 | T02TIC5511 | T02TIC5511N | T02TIC5515 | T02TIC5515N |
| DØ 6.5 | T02TIC6511 | T02TIC6511N | T02TIC6515 | T02TIC6515N |

## GUIDE PIN

| L(mm) | 17 | 21 |
|---|---|---|
| |  |  |
| M | T02TICMGS12 | T02TICMGL12 |
| R | T02TICGS12 | T02TICGL12 |

# T01 ANGLED ABUTMENT




- **1.28 Hex only**
- Abutment for cement/combination-maintained prosthesis fabrication
- Angled type : 15°/25°
- Connect by using 1.28 Hex Driver
- Recommended tightening torque: Mini 20Ncm / Regular 30Ncm
- Packing unit : abutment + screw

**ORDER CODE**
: Product Code+TH = **T01AA155515TH**

## 15°

### D Ø 4.0 M

| G/H | 1.5 | 2.5 | 3.5 |
|---|---|---|---|
| Hex | T01AAM154015 | T01AAM154025 | T01AAM154035 |
| Non-Hex | T01AAM154015N | T01AAM154025N | T01AAM154035N |

### D Ø 4.5 R

| G/H | 1.5 | 2.5 | 3.5 |
|---|---|---|---|
| Hex | T01AA154515 | T01AA154525 | T01AA154535 |
| Non-Hex | T01AA154515N | T01AA154525N | T01AA154535N |

### D Ø 5.5 R

| G/H | 1.5 | 2.5 | 3.5 |
|---|---|---|---|
| Hex | T01AA155515 | T01AA155525 | T01AA155535 |
| Non-Hex | T01AA155515N | T01AA155525N | T01AA155535N |



## 25°

### D Ø 4.0 M

| G/H | 1.5 | 2.5 | 3.5 |
|---|---|---|---|
| Hex | T01AAM254015 | T01AAM254025 | T01AAM254035 |
| Non-Hex | T01AAM254015N | T01AAM254025N | T01AAM254035N |

### D Ø 4.5 R

| G/H | 1.5 | 2.5 | 3.5 |
|---|---|---|---|
| Hex | T01AA254515 | T01AA254525 | T01AA254535 |
| Non-Hex | T01AA254515N | T01AA254525N | T01AA254535N |

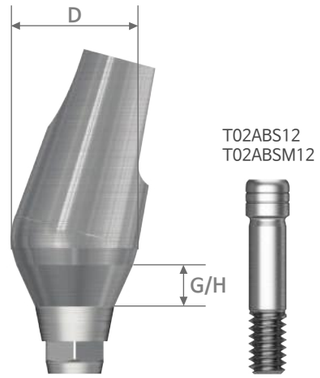
### D Ø 5.5 R

| G/H | 1.5 | 2.5 | 3.5 |
|---|---|---|---|
| Hex | T01AA255515 | T01AA255525 | T01AA255535 |
| Non-Hex | T01AA255515N | T01AA255525N | T01AA255535N |

# T02 ANGLED ABUTMENT

- **1.2 Hex only**
- Abutment for cement/combination-maintained prosthesis fabrication
- Angled type : 15°/25°
- Connect by using 1.2 Hex Driver
- Recommended tightening torque: Mini 20Ncm / Regular 30Ncm
- Packing unit : abutment + screw

**ORDER CODE**
: Product Code+TH = **T02AA155515TH**




## 15°

### D Ø 4.0 M

| G/H | 1.5 | 2.5 | 3.5 |
|---|---|---|---|
| Hex | T02AAM154015 | T02AAM154025 | T02AAM154035 |
| Non-Hex | T02AAM154015N | T02AAM154025N | T02AAM154035N |

### D Ø 4.5 R

| G/H | 1.5 | 2.5 | 3.5 |
|---|---|---|---|
| Hex | T02AA154515 | T02AA154525 | T02AA154535 |
| Non-Hex | T02AA154515N | T02AA154525N | T02AA154535N |

### D Ø 5.5 R

| G/H | 1.5 | 2.5 | 3.5 |
|---|---|---|---|
| Hex | T02AA155515 | T02AA155525 | T02AA155535 |
| Non-Hex | T02AA155515N | T02AA155525N | T02AA155535N |

## 25°

### D Ø 4.0 M

| G/H | 1.5 | 2.5 | 3.5 |
|---|---|---|---|
| Hex | T02AAM254015 | T02AAM254025 | T02AAM254035 |
| Non-Hex | T02AAM254015N | T02AAM254025N | T02AAM254035N |

### D Ø 4.5 R

| G/H | 1.5 | 2.5 | 3.5 |
|---|---|---|---|
| Hex | T02AA254515 | T02AA254525 | T02AA254535 |
| Non-Hex | T02AA254515N | T02AA254525N | T02AA254535N |

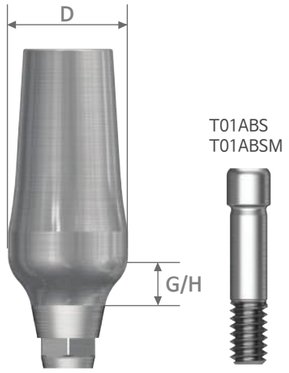
### D Ø 5.5 R

| G/H | 1.5 | 2.5 | 3.5 |
|---|---|---|---|
| Hex | T02AA255515 | T02AA255525 | T02AA255535 |
| Non-Hex | T02AA255515N | T02AA255525N | T02AA255535N |

# T01 MILLING ABUTMENT

- **1.28 Hex only**
- Abutment for cement/combination-maintained prosthesis fabrication
- Connect by using 1.28 Hex Driver
- Recommended tightening torque: Mini 20Ncm / Regular 30Ncm
- Packing unit : abutment + screw

**ORDER CODE**
: Product Code+TH = **T01MA5515TH**




T01ABS
T01ABSM



## D Ø 4.5 R

| G/H | 1.5 | 2.5 | 3.5 |
|---|---|---|---|
| Hex | T01MA4515 | - | - |
| Non-Hex | T01MA4515N | - | - |

## D Ø 5.5 R

| G/H | 1.5 | 2.5 | 3.5 |
|---|---|---|---|
| Hex | T01MA5515 | T01MA5525 | - |
| Non-Hex | T01MA5515N | T01MA5525N | - |

## D Ø 4.0 M

| G/H | 1.0 | 2.0 | 3.0 |
|---|---|---|---|
| Hex | T01MAM4010 | T01MAM4020 | T01MAM4030 |
| Non-Hex | T01MAM4010N | T01MAM4020N | T01MAM4030N |

## D Ø 4.0 R

| G/H | 1.0 | 2.0 | 3.0 |
|---|---|---|---|
| Hex | T01MA4010 | - | - |
| Non-Hex | T01MA4010N | - | - |

## D Ø 6.5 R

| G/H | 1.5 | 2.5 | 3.5 |
|---|---|---|---|
| Hex | T01MA6515 | T01MA6525 | T01MA6535 |
| Non-Hex | T01MA6515N | T01MA6525N | T01MA6535N |

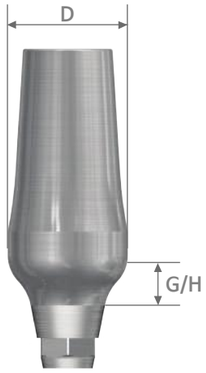
## D Ø 7.5 R

| G/H | 1.5 | 2.5 | 3.5 |
|---|---|---|---|
| Hex | - | T01MA7525 | T01MA7535 |
| Non-Hex | - | T01MA7525N | T01MA7535N |

# T02 MILLING ABUTMENT

- **1.2 Hex only**
- Abutment for cement/combination-maintained prosthesis fabrication
- Connect by using 1.2 Hex Driver
- Recommended tightening torque: Mini 20Ncm / Regular 30Ncm
- Packing unit : abutment + screw

**ORDER CODE**
: Product Code+TH = **T02MA5515TH**




T02ABS12
T02ABSM12

## D Ø 4.0 M

| G/H | 1.0 | 2.0 | 3.0 |
|---|---|---|---|
| Hex | T02MAM4010 | T02MAM4020 | T02MAM4030 |
| Non-Hex | T02MAM4010N | T02MAM4020N | T02MAM4030N |

## D Ø 4.0 R

| G/H | 1.0 | 2.0 | 3.0 |
|---|---|---|---|
| Hex | T02MA4010 | - | - |
| Non-Hex | T02MA4010N | - | - |

## D Ø 4.5 R

| G/H | 1.5 | 2.5 | 3.5 |
|---|---|---|---|
| Hex | T02MA4515 | - | - |
| Non-Hex | T02MA4515N | - | - |

## D Ø 5.5 R

| G/H | 1.5 | 2.5 | 3.5 |
|---|---|---|---|
| Hex | T02MA5515 | T02MA5525 | - |
| Non-Hex | T02MA5515N | T02MA5525N | - |

## D Ø 6.5 R

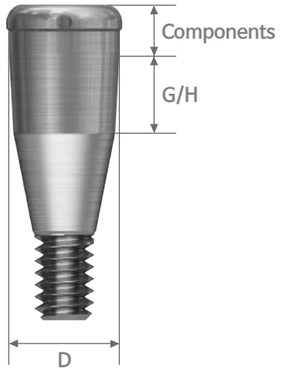
| G/H | 1.5 | 2.5 | 3.5 |
|---|---|---|---|
| Hex | T02MA6515 | T02MA6525 | T02MA6535 |
| Non-Hex | T02MA6515N | T02MA6525N | T02MA6535N |

## D Ø 7.5 R

| G/H | 1.5 | 2.5 | 3.5 |
|---|---|---|---|
| Hex | - | T02MA7525 | T02MA7535 |
| Non-Hex | - | T02MA7525N | T02MA7535N |

# T01 PORT ABUTMENT

**- Connect by using Port Torque Driver**
- Compensation of placement angle up to 40°
- 1.5mm lower vertical height, Configuring variety and reliable maintenance of attachment
- Recommended tightening torque: 30Ncm




**D Ø 3.7**

M

G/H

Non-Hex

| 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 |
|---|---|---|---|---|---|---|
| T01PAM3510 | T01PAM3520 | T01PAM3530 | T01PAM3540 | T01PAM3550 | T01PAM3560 | T01PAM3570 |

**D Ø 3.7**

R

G/H

Non-Hex

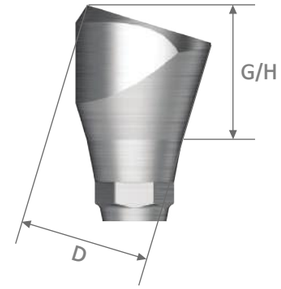
| 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 |
|---|---|---|---|---|---|---|
| T01PA3510 | T01PA3520 | T01PA3530 | T01PA3540 | T01PA3550 | T01PA3560 | T01PA3570 |



# T01 PORT ANGLED ABUTMENT

**- 1.28 Hex only**
- Use when compensation for placement angles is required in Overdenture
- Abutment level impression
- Compensation of placement angle up to 60°
- Connect by using 1.28 Hex Driver
- Recommended tightening torque: 30Ncm

**ORDER CODE**
: Product Code+TH = **T01PAA174540TH**




T01PABS

## 10°

**D Ø 4.7**

R

G/H

Hex

Non-Hex

| 10 | 5.0 |
|---|---|
| T01PAA104540 | T01PAA104550 |
| T01PAA104540N | T01PAA104550N |

## 17°

**D Ø 4.7**

R

G/H

Hex

Non-Hex

| 4.0 | 5.0 |
|---|---|
| T01PAA174540 | T01PAA174550 |
| T01PAA174540N | T01PAA174550N |

## 30°

**D Ø 4.7**

R

G/H

Hex

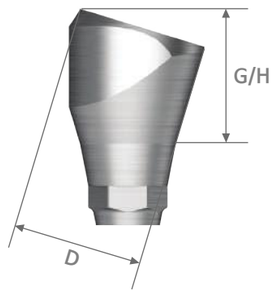
Non-Hex

| 4.0 | 5.0 |
|---|---|
| T01PAA304540 | T01PAA304550 |
| T01PAA304540N | T01PAA304550N |

# T02 PORT ANGLED ABUTMENT

- **1.2 Hex only**
- Use when compensation for placement angles is required in Overdenture
- Abutment level impression
- Compensation of placement angle up to 60°
- Connect by using 1.2 Hex Driver
- Recommended tightening torque: 30Ncm

**ORDER CODE**
: Product Code+TH = **T02PAA174540TH**




T02PABS12

## 10°

**D Ø 4.7** R

| | 4.0 | 5.0 |
|---|---|---|
| G/H | T02PAA104540 | T02PAA104550 |
| Hex | T02PAA104540N | T02PAA104550N |
| Non-Hex | | |

## 17°

**D Ø 4.7** R

| | 4.0 | 5.0 |
|---|---|---|
| G/H | T02PAA174540 | T02PAA174550 |
| Hex | T02PAA174540N | T02PAA174550N |
| Non-Hex | | |

## 30°

**D Ø 4.7** R

| | 4.0 | 5.0 |
|---|---|---|
| G/H | T02PAA304540 | T02PAA304550 |
| Hex | T02PAA304540N | T02PAA304550N |
| Non-Hex | | |



# PORT ABUTMENT COMPONENTS

## PORT Processing Kit

- Component
  · Block out spacer / denture cap connected black processing male
  · Replacement male blue / pink / clear
- Use the appropriate male of retentivity according to the case
- Replacing male by using locator core toll
- Packing unit : 2set

LMPS

## PORT Replacement Male

- Retentivity : About 6N
- Compensation of placement angle up to 20°
- Packing unit : 4ea

LRM06S

- Retentivity : About 12N
- Compensation of placement angle up to 20°
- Packing unit : 4ea

LRM12S

- Retentivity : About 22N
- Compensation of placement angle up to 20°
- Packing unit : 4ea

LRM22S

## PORT Extended Replacement Male

- Retentivity : About 6N
- Compensation of placement angulation 20~40°
- Packing unit : 4ea

LEM06S

- Retentivity : About 12N
- Compensation of placement angulation 20~40°
- Packing unit : 4ea

LEM12S

# PORT ABUTMENT COMPONENTS

## PORT Black Processing Male

- Male used only in prosthetic fabrication
- Packing unit : 4ea

LBPS

## PORT Block Out Spacers

- Used in the space sealing between abutment and denture cap when attaching overdenture and denture cap in mouth
- Packing unit : 20ea

LBSS

## PORT Impression Coping

- Pick up impression coping for locator abutment
- Use a close tray
- Packing unit : 4ea

LICS

## PORT Lab Analog

LAL40S

## PORT Core Tool

- Use to tighten and remove the replacement male on Denture cap
- Separated by a 3-piece and also available as a hand drive for locator abutment

LCCT

## PORT Torque Driver

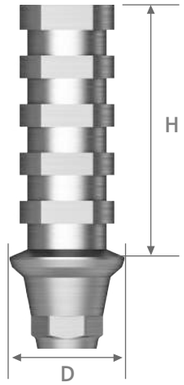
- Torque driver for locator abutment

| Type | Short | Long |
|---|---|---|
| |  |  |
| | TWLDSK | TWLDLK |

# T01 Temporary ABUTMENT

- Abutment for cement/screw-maintained prosthesis fabrication
- Use to produce temporary prosthetic by removing Fixture level impression (Ti Gr-3)
- Fixture level impression
- Connect by using 1.28 Hex Driver
- Recommended tightening torque: 20Ncm (mini/regular)

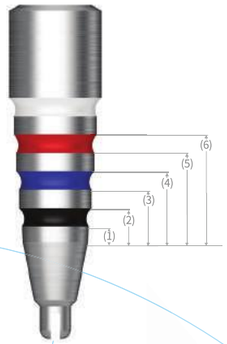
**ORDER CODE**
: Product Code+TH = T01TTAM4010TH





| | Hex | Non-Hex |
|---|---|---|
| |  |  |
| H(mm) | 1.0 | |
| G/H | 1.0 | |
| M DØ 4.0 | T01TTAM4010 | T01TTAM4010N |
| R DØ 4.5 | T01TTA4510 | T01TTA4510N |

# TDP SYSTEM




### Gingiva Gauge

- Checking Gingiva Depth with Colour Marking.
- Selecting MA by checking the appropriate height of cuff
- Sanp-ON tightening method, enable accurate Depth
  (Preventing Depth measurement Error due to adjacent gums interference)

### Offer MA Driver & Ratchet Adaptor for MA connecting

- Attached Circular adaptor on to square MA Driver Head

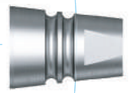


### Healing Cap

- Prevent entering foreign body into area and Bone / Tissue Growth until fixture is established
- Reinforcing Scan function
- Reinforcing scan function when it difficult to secure interproximal space

### MA Temporary Abutment

- Reinforcing Scan function
- Reinforcing scan function when it difficult to secure interproximal space
- Available Impression Coping
- Available abutment for temporary crown usage



### Digital Lab Analog

- Available 3D Print and Plaster model



# TDP SYSTEM COMPONENTS

## Multi Abutment

| | |
|---|---|
| Ø 4.0 | MA01-4H |
| Ø 5.0 | MA01-5H |
| Ø 6.0 | MA01-6H |
| Ø 7.0 | MA01-7H |

▶Order Code

MA01-46(Diameter:Ø4.0, Cuff:6mm)
- 4 → Cuff Height
- MA Diameter

H - Cuff Height(Choose one size from 1~6mm)

## Healing cap

| | | H (Cuff height) | |
|---|---|---|---|
| Ø 4.0 | MAHC-42<br>MAHC-44 | 2 | 4 |
| Ø 5.0 | MAHC-52<br>MAHC-54 | | |
| Ø 6.0 | MAHC-62<br>MAHC-64 | | |
| Ø 7.0 | MAHC-72<br>MAHC-74 | | |

## MA Temporary Abutment

| | |
|---|---|
| Ø 4.0 | MATA-4 |
| Ø 5.0 | MATA-5 |
| Ø 6.0 | MATA-6 |
| Ø 7.0 | MATA-7 |

## MA Link

| | |
|---|---|
| Ø 4.0 | ML40S |
| | ML40R |
| | ML40W |
| Ø 5.0 | ML50S |
| | ML50R |
| | ML50W |

# TDP SYSTEM COMPONENTS

## MA Digital Analog

| | |
|---|---|
| Ø 4.0 | MADLA-4 |
| Ø 5.0 | MADLA-5 |
| Ø 6.0 | MADLA-6 |
| Ø 7.0 | MADLA-7 |

## MA impression coping

| | |
|---|---|
| Ø 4.0 | MAIC-4S<br>MAIC-4L |
| Ø 5.0 | MAIC-5S<br>MAIC-5L |
| Ø 6.0 | MAIC-6S<br>MAIC-6L |
| Ø 7.0 | MAIC-7S<br>MAIC-7L |

## MA Driver

| | |
|---|---|
| | MARD-1.8S |
| | MARD-1.8L |

## Gingiva Gauge

| | |
|---|---|
| | MAMGG |

# PRE-MILLED ABUTMENT

- Fabrication custom abutment with technician milling equipment
- Excellent connecting accuracy compared to non-fabricated item
- Various milling equipment line-up (Milling manufacturer: Manix, Dowon, Vatec)

## Toplan T01 Connection

M

| Milling Machine | Diameter 10mm | | Diameter 14mm | |
|---|---|---|---|---|
| | Hex | Non-Hex | Hex | Non-Hex |
| Manix | M10-31 | M10-31N | M14-31 | M14-31N |
| Duwon | D10-31 | D10-31N | D14-31 | D14-31N |
| Vatec | V10-31 | V10-31N | V14-31 | V14-31N |

## Toplan T02 Connection

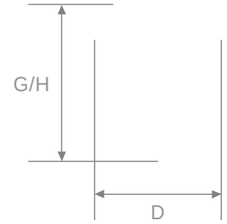
R

| Milling Machine | Diameter 10mm | | Diameter 14mm | |
|---|---|---|---|---|
| | Hex | Non-Hex | Hex | Non-Hex |
| Manix | M10-39 | M10-39N | M14-39 | M14-39N |
| Duwon | D10-39 | D10-39N | D14-39 | D14-39N |
| Vatec | V10-39 | V10-39N | V14-39 | V14-39N |



# ONEFIT ABUTMENT

- Abutment for cement/combination-maintained prosthesis fabrication
- Custom abutment made with CAD/CAM
- Fixture level impression
- Production period: about 5 days (based on business day)
- Connect by using 1.28 Hex Driver
- Recommended tightening torque: Mini 20Ncm / Regular 30Ncm
- Packing unit : abutment + Ti screw




# SCAN BODY

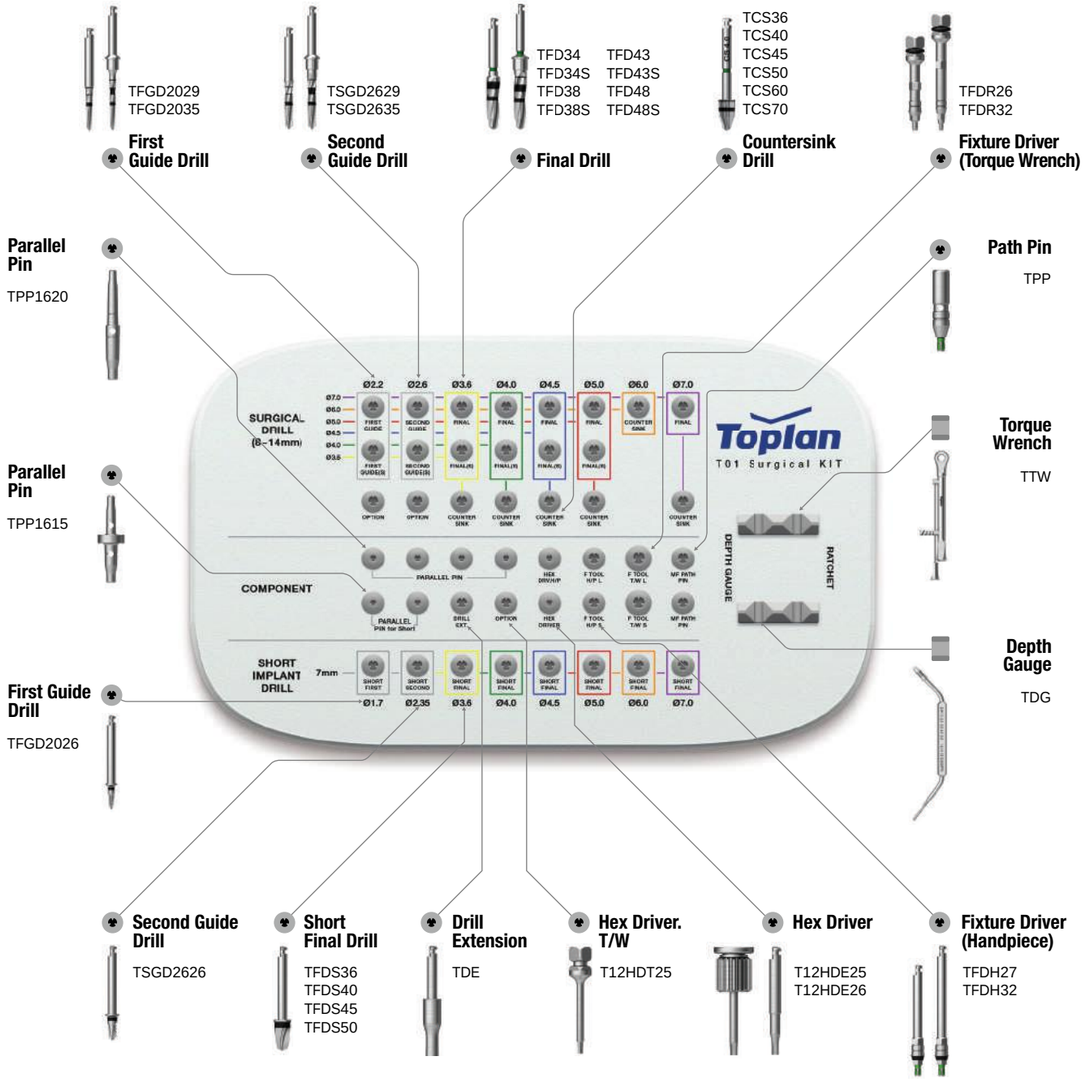
- Scan body for producing Titanium custom abutment
- Connect by using 1.28 Hex Driver for hands
- Packing unit : scan body + Ti screw

| | | | | |
|---|---|---|---|---|
| M | T01SBMS | T01SBML | - | - |
| R | - | - | T01SBS | T01SBL |

# Kit & Tool

2

# T01 SURGICAL KIT (TT01K)




# SURGICAL INSTRUMENTS

## FIRST GUIDE DRILL

- Surgical Drill with Stopper
- Drill to form a hole in the bone to facilitate drilling
- Be sure to irrigate when using the drill
- **Recommended RPM: 1000~1200RPM**


| D | Ø 2.2 | | |
|---|---|---|---|
| L(mm) | 26 | 29 | 35 |
| | TFGD2026 | TFGD2029 | TFGD2035 |

## SECOND GUIDE DRILL

- Surgical Drill with Stopper
- Be sure to irrigate when using the drill
- **Recommended RPM: 1000~1200RPM**


| D | Ø 2.6 | | |
|---|---|---|---|
| L(mm) | 26 | 29 | 35 |
| | TSGD2626 | TSGD2629 | TSGD2635 |

# SURGICAL INSTRUMENTS

## FINAL DRILL with STOPPER

- Surgical Drill with Stopper
- Be sure to irrigate when using the drill
- **Recommended RPM: 1000~1200RPM**


| L(mm) | 35.5 | | | | |
|---|---|---|---|---|---|
| D | Ø 3.0 | Ø 3.6 | Ø 4.0 | Ø 4.5 | Ø 5.0 |
| Y-Dim | 0.8 | 0.8 | 0.85 | 1.0 | 1.15 |
| | M TFD30 *Option | TFD34 | TFD38 | TFD43 | TFD48 |

## FINAL DRILL

- Final Drill only 7mm Fixture
- Be sure to irrigate when using the drill
- **Recommended RPM: 1000~1200RPM**


| L(mm) | 29.5 | | | | | |
|---|---|---|---|---|---|---|
| D | Ø 3.0 | Ø 3.6 | Ø 4.0 | Ø 4.5 | Ø 5.0 | Ø 5.8 |
| Y-Dim | 0.8 | 0.8 | 0.85 | 1.0 | 1.15 | 1.0 |
| | M TFD30S *Option | TFD34S | TFD38S | TFD43S | TFD48S | TFD58 |



## FINAL DRILL for SHORT IMPLANT

- Be sure to irrigate when using the drill
- **Recommended RPM: 1000~1200RPM**


| L(mm) | 26.5 | | | | | | |
|---|---|---|---|---|---|---|---|
| D | 3.0 | 3.6 | 4.0 | 4.5 | 5.0 | 6.0 | 7.0 |
| | M TFDS30 *Option | TFDS36 | TFDS40 | TFDS45 | TFDS50 | TFDS60 | TFDS70 |

## COUNTERSINK DRILL

- Using Drill after Final Drill
- Using drill for removing Cortical Bone
- Be sure to irrigate when using the drill
- **Recommended RPM: 1000~1200RPM**


| L(mm) | 28.3 | | | | | | |
|---|---|---|---|---|---|---|---|
| D | 3.0 | 3.6 | 4.0 | 4.5 | 5.0 | 6.0 | 7.0 |
| | M TCS30 *Option | TCS36 | TCS40 | TCS45 | TCS50 | TCS60 | TCS70 |

# SURGICAL INSTRUMENTS

## FIXTURE DRIVER / H.P

- Fastened to the fixture directly when using Hand piece to place an implant
- **Recommended RPM: 30RPM**
- **Recommended torque: 30~45Ncm**


| L(mm) | 27 | 32 | 27 | 32 |
|---|---|---|---|---|
| M | TFDMH27 | TFDMH32 | - | - |
| R | - | - | TFDH27 | TFDH32 |

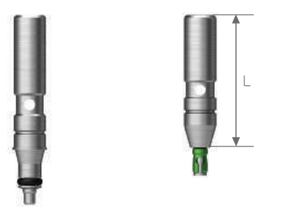
## FIXTURE DRIVER/ TORQUE WRENCH

- Fastened to the fixture directly when using wrench to place an implant


| L(mm) | 19 | 20 | 26 | 32 |
|---|---|---|---|---|
| M | - | TFDMR20 | TFDMR26 | TFDMR32 |
| R | TFDR19 | - | TFDR26 | TFDR32 *Option |

## PATH PIN

- Tool for checking the path after fixture is placed

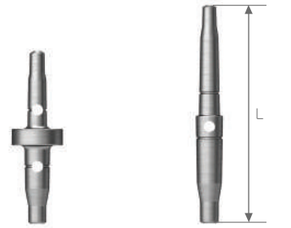



| L(mm) | 12 | |
|---|---|---|
| M | TPPM | - |
| R | - | TPP |



## PARALLEL PIN

- Used for identifying direction and location of bone preparation




| L(mm) | 15.5 | 19.5 |
|---|---|---|
| | TPP1615 | TPP1620 |

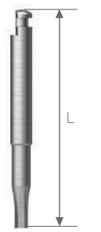
## HEX DRIVER / M

- Driver for hands


| L(mm) | 28 |
|---|---|
| Hex 1.28 | T12HDH26 |

## HEX DRIVER / H.P

- Driver for Hand piece




| L(mm) | 25 |
|---|---|
| Hex 1.28 | T12HDE25 |

# SURGICAL INSTRUMENTS

## DRILL EXTENSION

- Tool for extending the drill length

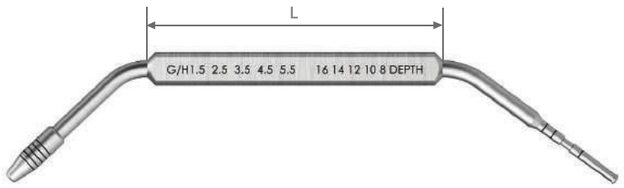

L(mm)

28.1

TDE

## DEPTH GAUGE

- Measuring the drilling depth
- Measuring gingival height after fixture is placed




L(mm)

53

TDG

## TORQUE WRENCH

- Bar type wrench which can apply accurate torque force
- If excessive torque force is applied, there is a risk of damage to the bone or inside of the fixture


L(mm)

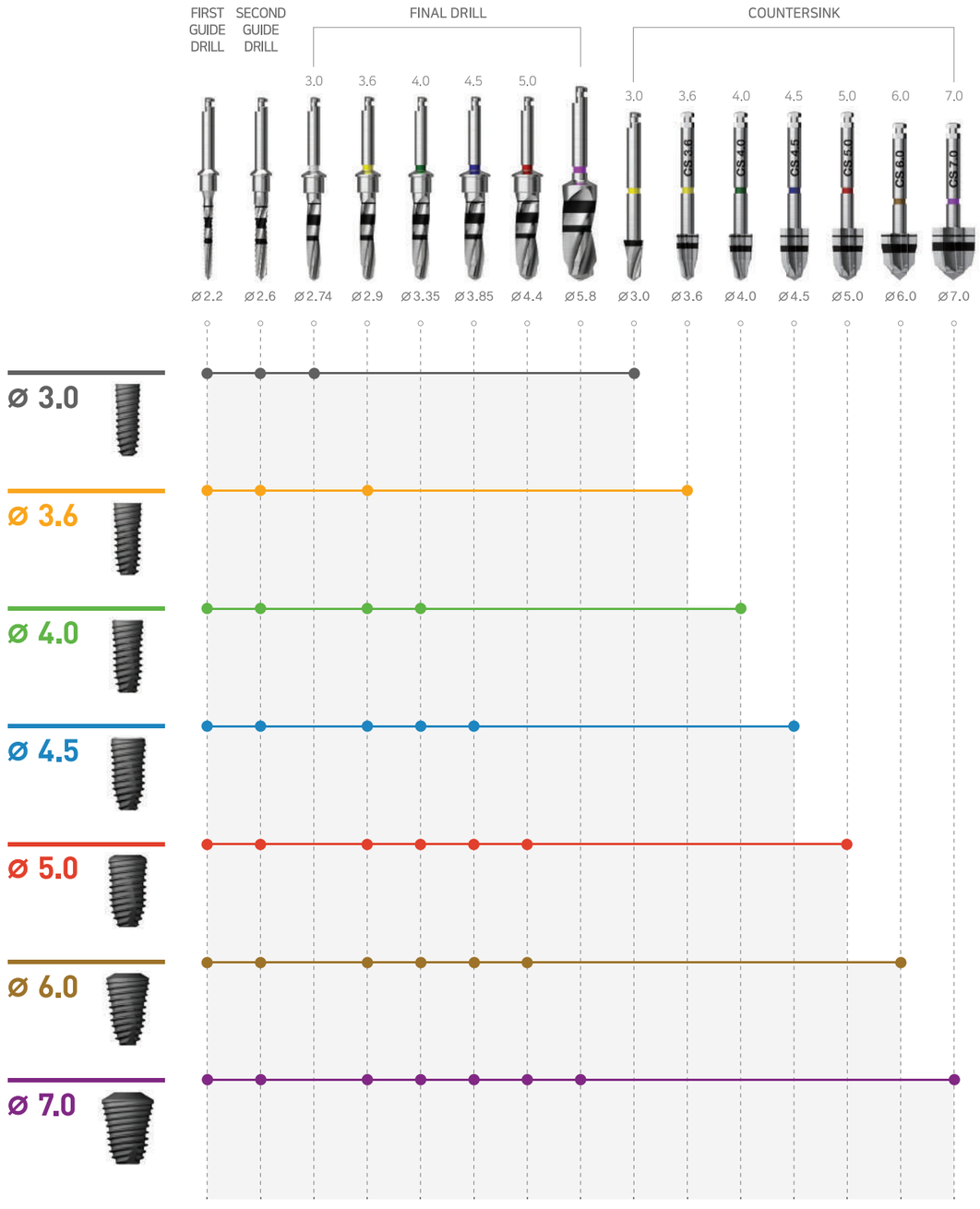
104.4

TTW



# SURGICAL DRILL SEQUENCE

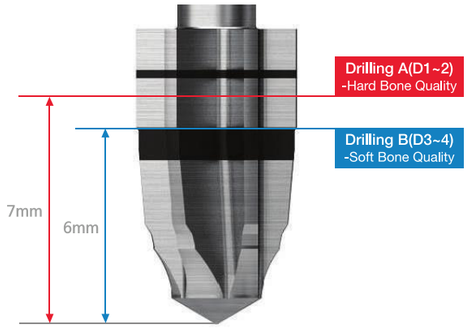
<Based on Normal Bone>



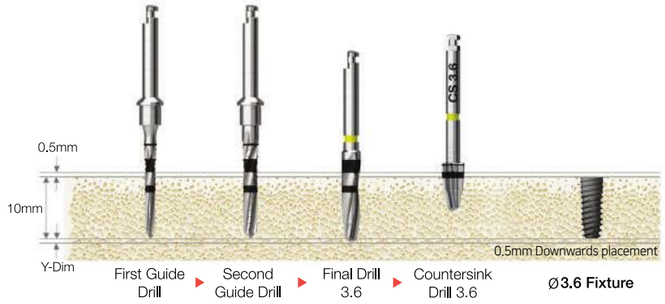
# SURGICAL DRILL SEQUENCE

## Countersink Depth Guide

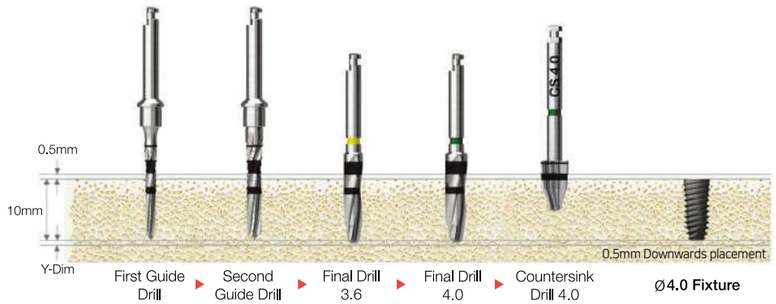
- The drilling depth of Countersink depends on the bone quality of the patient
- If patient's bone quality is hard, it is recommended to add 1mm drilling
- Recommended RPM: 1000~1200RPM
- Recommended torque: 30~45Ncm



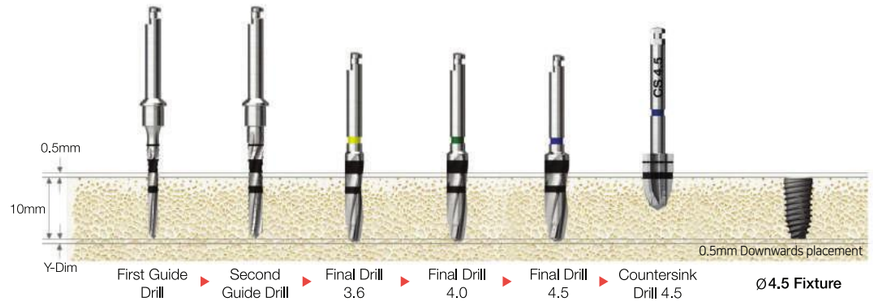

### Ø3.6 / 10mm



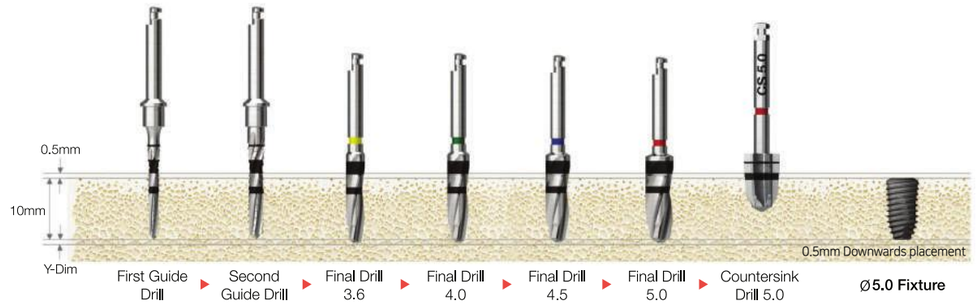

### Ø4.0 / 10mm




### Ø4.5 / 10mm



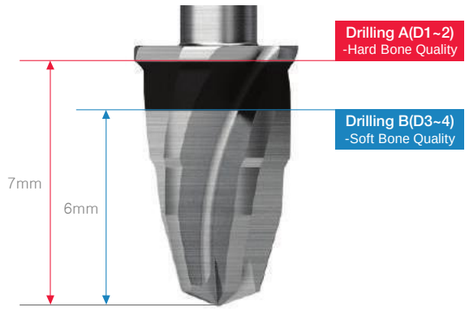

### Ø5.0 / 10mm



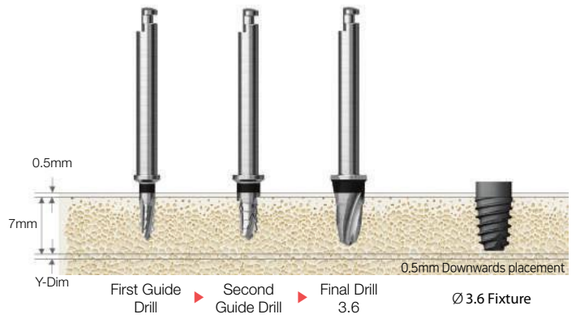
# SURGICAL DRILL SEQUENCE FOR SHORT IMPLANT

## Final Drill(short) Depth Guide

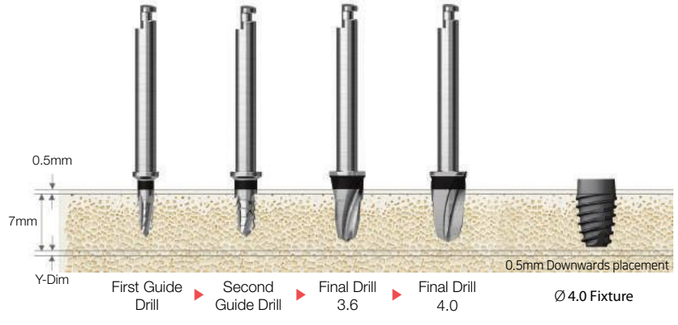
- The drilling depth of Final Drill(short) depends on the bone quality of the patient
- If patient's bone quality is hard, it is recommended to add 1mm drilling



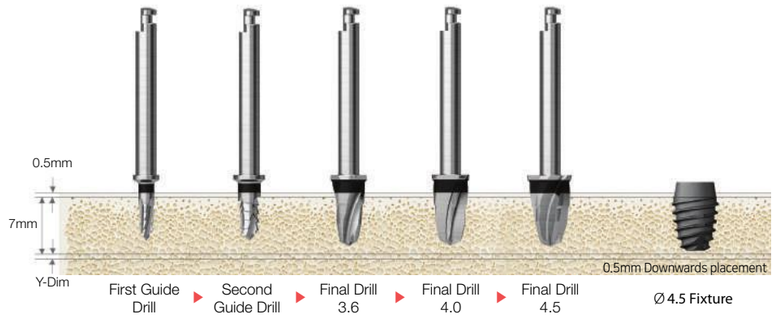

### ø3.6 / 6mm



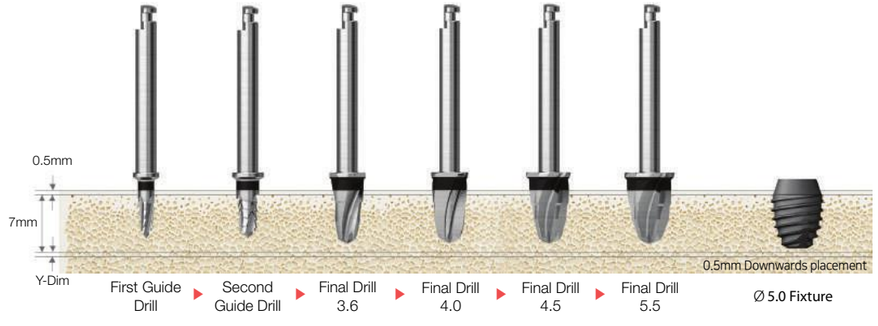

### ø4.0 / 6mm



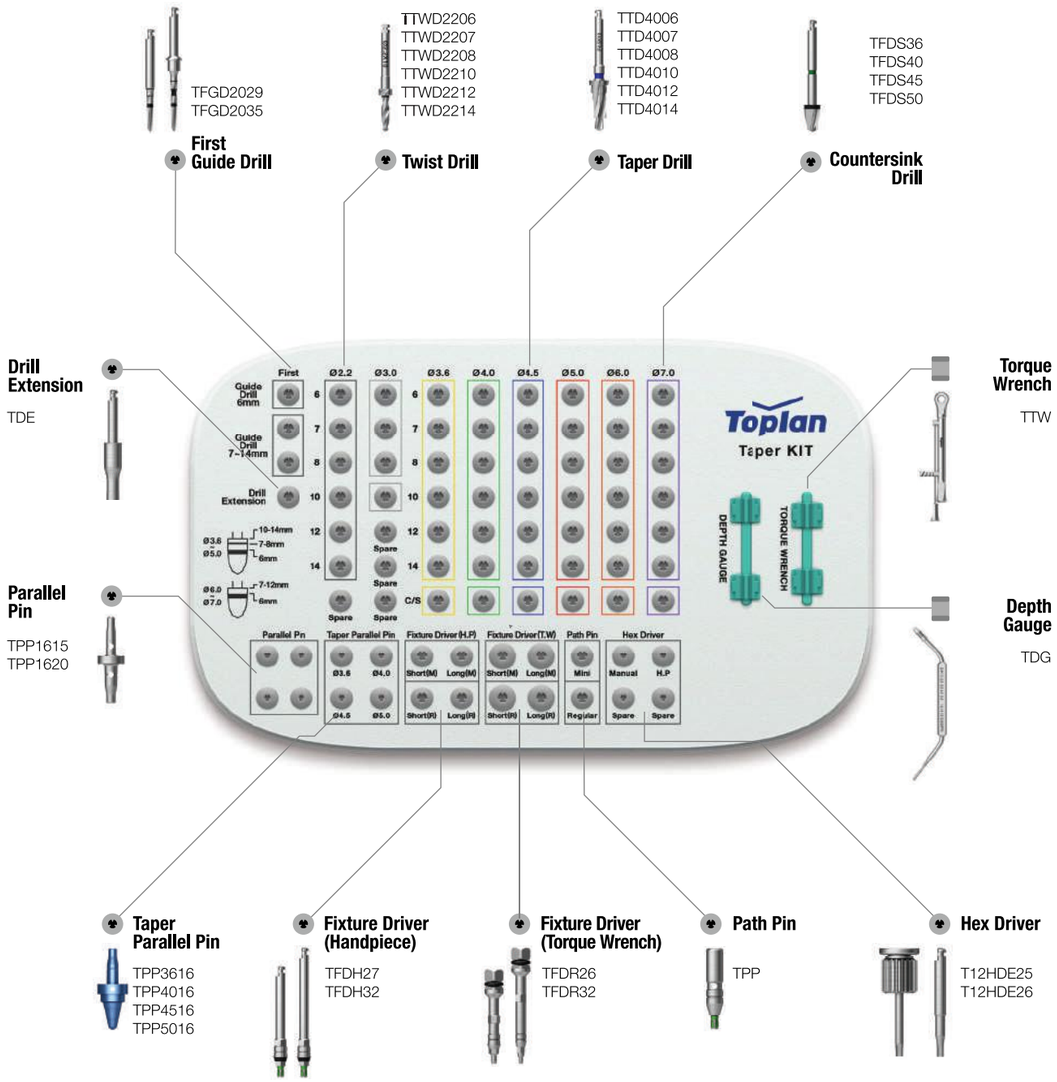

### ø4.5 / 6mm




### ø5.0 / 6mm



# T01 TAPER KIT






# SURGICAL INSTRUMENTS

## FIRST GUIDE DRILL

- Surgical Drill with Stopper
- Drill to form a hole in the bone to facilitate drilling
- Be sure to irrigate when using the drill
- **Recommended RPM: 1000~1200RPM**


| D | Ø 2.2 | | |
|---|---|---|---|
| L(mm) | 26 | 29 | 35 |
| | TFGD2026 | TFGD2029 | TFGD2035 |

## TWIST DRILL

- Stopper mounted drill
- Be sure to irrigate when using the drill
- **Recommended RPM: 1000~1200RPM**

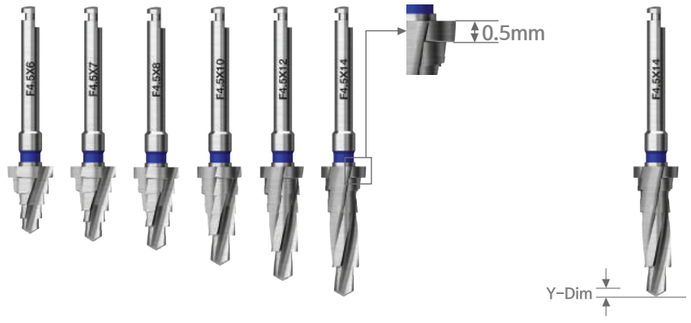

| D | Ø 2.2 | | | | | |
|---|---|---|---|---|---|---|
| L(mm) | 6 | 7 | 8 | 10 | 12 | 14 |
| | TTWD2206 | TTWD2207 | TTWD2208 | TTWD2210 | TTWD2212 | TTWD2214 |

# SURGICAL INSTRUMENTS

## TAPER DRILL

- Taper Body Drill by Taper diameter and length
- Fixture only Taper Drill
- Stopper drill with 0.5mm clearance
- The hilt part Colour Coding shows the diameter of the fixture.
- F3.6: Yellow, F4.0: Green, F4.5: Blue, F5.0: Red, F6.0: Orange, F7.0: Purple Color Drill

**Recommended RPM: 1000~1200RPM**




| D | Ø 3.0 | Ø 3.6 | Ø 4.0 | Ø 4.5 | Ø 5.0 | Ø 6.0 | Ø 7.0 |
|---|---|---|---|---|---|---|---|
| Y-Dim | 0.6 | 0.7 | 0.75 | 0.75 | 0.95 | 1.0 | 1.2 |
| L / TL | | | | | | | |
| 6.0 / 28.5 | TFDS30 | TTD3606 | TTD4006 | TTD4506 | TTD5006 | TTD6006 | TTD7006 |
| 7.0 / 29.5 | | TTD3607 | TTD4007 | TTD4507 | TTD5007 | TTD6007 | TTD7007 |
| 8.0 / 30.5 | TFD 30 TFD 30S (혼용사용) | TTD3608 | TTD4008 | TTD4508 | TTD5008 | TTD6008 | TTD7008 |
| 10 / 32.5 | | TTD3610 | TTD4010 | TTD4510 | TTD5010 | TTD6010 | TTD7010 |
| 12 / 34.5 | | TTD3612 | TTD4012 | TTD4512 | TTD5012 | TTD6012 | TTD7012 |
| 14 / 36.5 | | TTD3614 | TTD4014 | TTD4514 | TTD5014 | TTD6014 | TTD7014 |
| **Color** | Grey | Yellow | Green | Blue | Red | Orange | Purple |



## FINAL DRILL for SHORT IMPLANT

- Final Drill for 7mm fixture only
- Be sure to irrigate when using the drill

**- Recommended RPM: 1000~1200RPM**


| L(mm) | 26.5 | | | | | | |
|---|---|---|---|---|---|---|---|
| D | 3.0 | 3.6 | 4.0 | 4.5 | 5.0 | 6.0 | 7.0 |
| | M TFDS30 *Option | TFDS36 | TFDS40 | TFDS45 | TFDS50 | TFDS60 | TFDS70 |

## COUNTERSINK DRILL

- Using Drill after Final Drill
- Using drill for removing Cortical Bone
- Be sure to irrigate when using the drill

**- Recommended RPM: 1000~1200RPM**


| L(mm) | 28.3 | | | | | | |
|---|---|---|---|---|---|---|---|
| D | 3.0 | 3.6 | 4.0 | 4.5 | 5.0 | 6.0 | 7.0 |
| | M TCS30 *Option | TCS36 | TCS40 | TCS45 | TCS50 | TCS60 | TCS70 |

# SURGICAL INSTRUMENTS

## FIXTURE DRIVER / H.P

- Fastened to the fixture directly when using Hand piece to place an implant
- **Recommended RPM: 30RPM**
- **Recommended torque: 30~45Ncm**


| L(mm) | 27 | 32 | 27 | 32 |
|---|---|---|---|---|
| M | TFDMH27 | TFDMH32 | - | - |
| R | - | - | TFDH27 | TFDH32 |

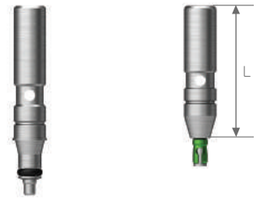
## FIXTURE DRIVER / TORQUE WRENCH

- Fastened to the fixture directly when using wrench to place an implant


| L(mm) | 19 | 20 | 26 | 32 |
|---|---|---|---|---|
| M | - | TFDMR20 | TFDMR26 | TFDMR32 |
| R | TFDR19 | - | TFDR26 | TFDR32 *Option |

## PATH PIN

- Tool for checking the path after fixture is placed

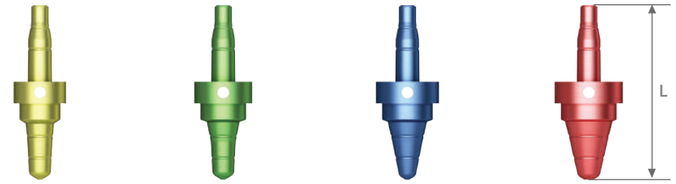



| L(mm) | 12 | |
|---|---|---|
| M | TPPM | - |
| R | - | TPP |



## TAPER PARALLEL PIN

- Used for identifying direction and location of bone preparation
- parallel pin of tapered shape




| L(mm) | 16 | 16 | 16 | 16 |
|---|---|---|---|---|
| | TPP3616 | TPP4016 | TPP4516 | TPP5016 |

## HEX DRIVER / M

- Driver for hands


| L(mm) | 28 |
|---|---|
| Hex 1.28 | T12HDH26 |

## HEX DRIVER / H.P

- Driver for Hand piece


| L(mm) | 25 |
|---|---|
| Hex 1.28 | T12HDE25 |

# SURGICAL INSTRUMENTS

## DRILL EXTENSION

- Tool for extending the drill length

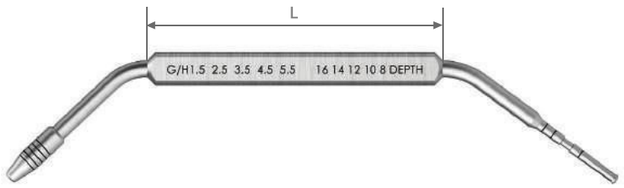

L(mm)

28.1

TDE

## DEPTH GAUGE

- Measuring the drilling depth
- Measuring gingival height after fixture is placed




L(mm)

53

TDG

## TORQUE WRENCH

- Bar type wrench which can apply accurate torque force
- If excessive torque force is applied, there is a risk of damage to the bone or inside of the fixture


L(mm)

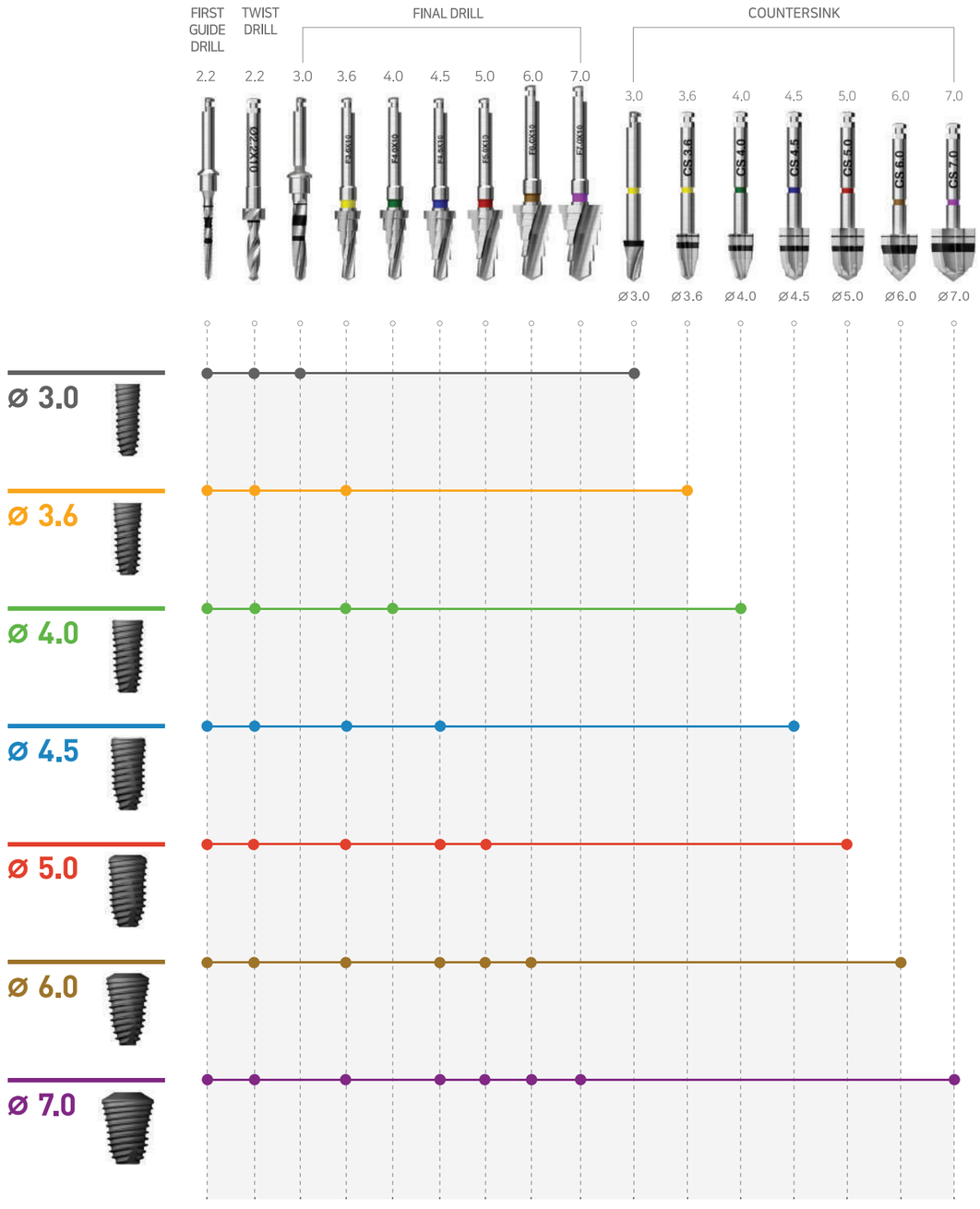
104.4

TTW



# TAPER DRILL SEQUENCE

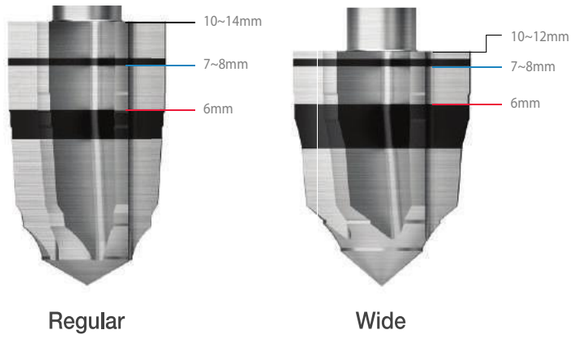
<Based on Normal Bone>



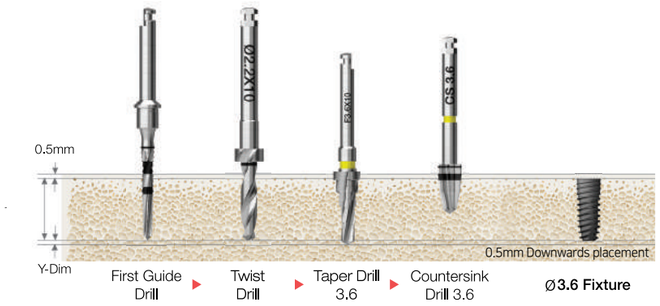
# TAPER DRILL SEQUENCE

## Countersink Depth Guide

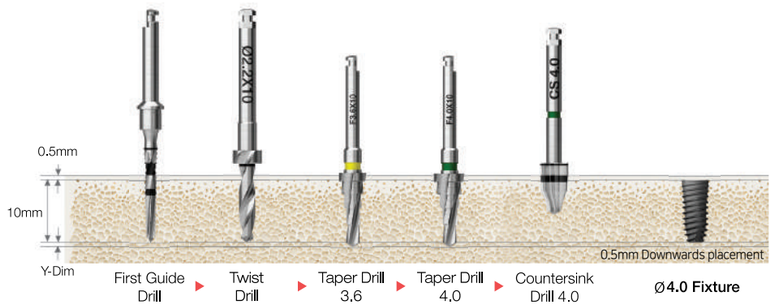
- Using Countersink Drill only Hard Bone case patients
- The drilling depth of Countersink depends on the bone quality of the patient
- If patient's bone quality is hard, it is recommended to add 1mm drilling
- Recommended RPM: 1000~1200RPM
- Recommended torque: 30~45Ncm




### ø3.6 / 10mm

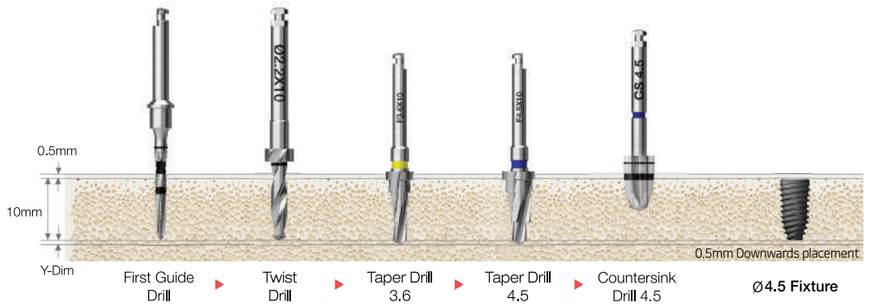



### ø4.0 / 10mm

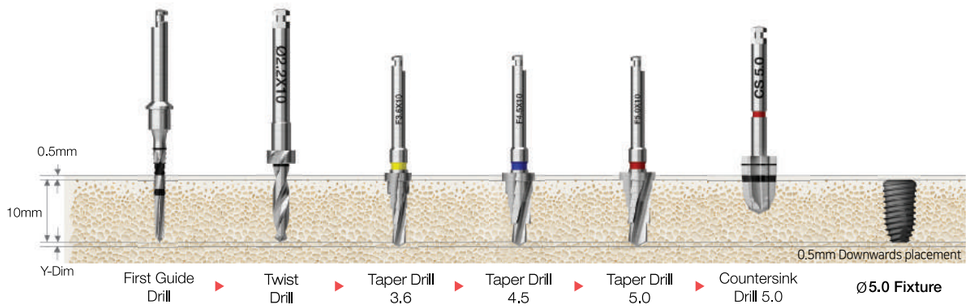




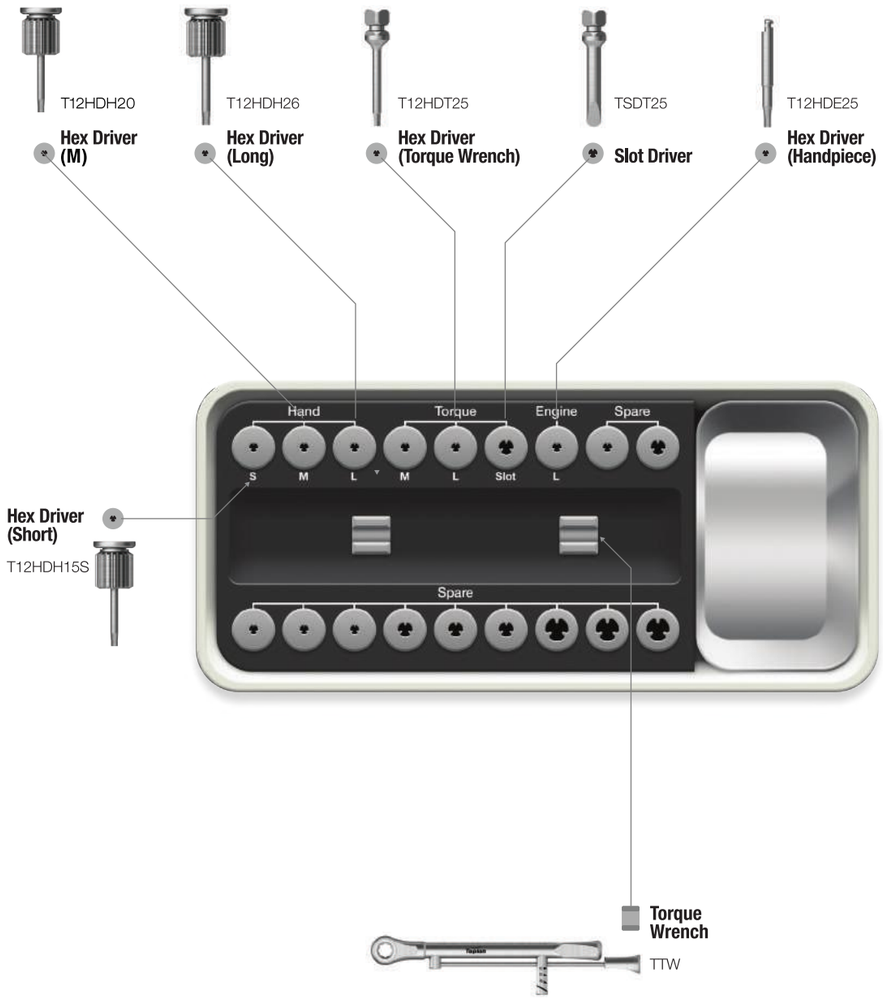

### ø4.5 / 10mm




### ø5.0 / 10mm



# T01 PROSTHETIC KIT(TPK)




# SURGICAL INSTRUMENTS

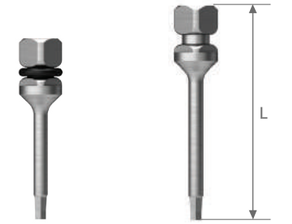
## HEX DRIVER / M(MANUAL)

- Driver for Hands


| L(mm) | 15 | 22 | 28 |
|---|---|---|---|
| Hex 1.28 | T12HDH15S | T12HDH20 | T12HDH26 |

## HEX DRIVER / TORQUE WRENCH

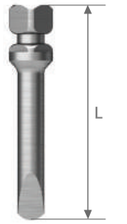
- Driver for Torque Wrench




| L(mm) | 21 | 25 |
|---|---|---|
| Hex 1.28 | T12HDT21 *Option | T12HDT25 |

## SLOT DRIVER / TORQUE WRENCH

- When the hex of Healing Abutment, Cover Screw, and Abutment Screw is damaged, Slot Driver can be used after the slot is created using Φ0.8 bur




| L(mm) | 25 |
|---|---|
| | TSDT25 |

# SURGICAL INSTRUMENTS

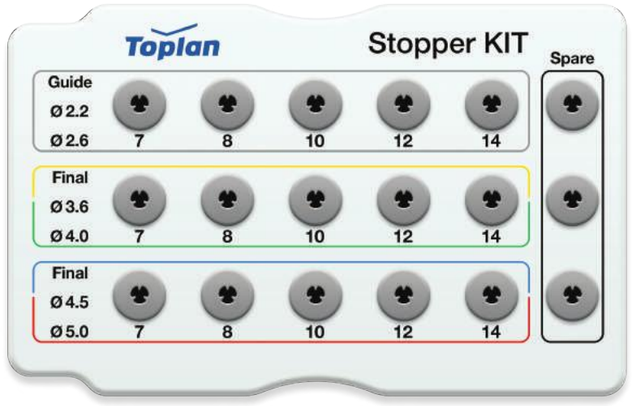
## HEX DRIVER / H.P(HANDPIECE)

- Driver for Hands


| L(mm) | 25 |
|---|---|
| Hex 1.28 | T12HDE25 |

# STOPPER KIT (TSTK)

- Drilling depth can be adjusted to the height of the patient's alveolar bone
- Ø When combining stopper on final drill only Ø3.0, use stopper only Ø3.6/4.0

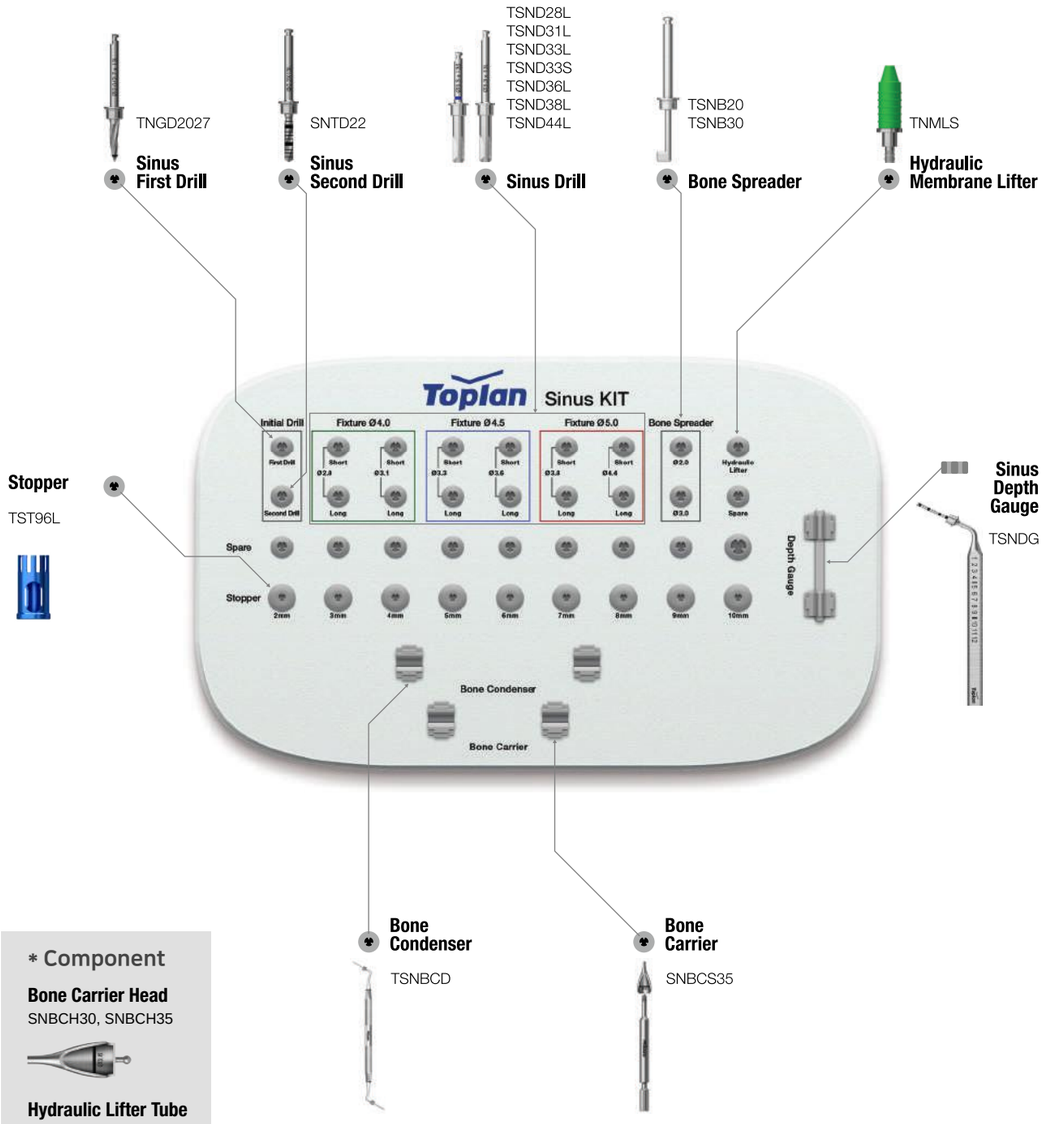



*Option

| L | 7 | 8 | 10 | 12 | 14 | 2 | 4 | 6 |
|---|---|---|---|---|---|---|---|---|
| Guide Drill Ø2.2/2.6 | TST116S | TST106S | TST86S | TST66S | TST46S | TST166S | TST146S | TST126S |
| Final Drill Ø3.6/4.0 | TST116M | TST106M | TST86M | TST66M | TST46M | TST166M | TST146M | TST126M |
| Final Drill Ø4.5/5.0 | TST116L | TST106L | TST86L | TST66L | TST46L | TST166L | TST146L | TST126L |

# SINUS KIT (TSNK)

- In case of a Crestal Approach surgical procedure in maxillary sinus , it is easy to quickly and easily without damage to the Membrane through hydraulic pressure elevation




* Component

**Bone Carrier Head**
SNBCH30, SNBCH35

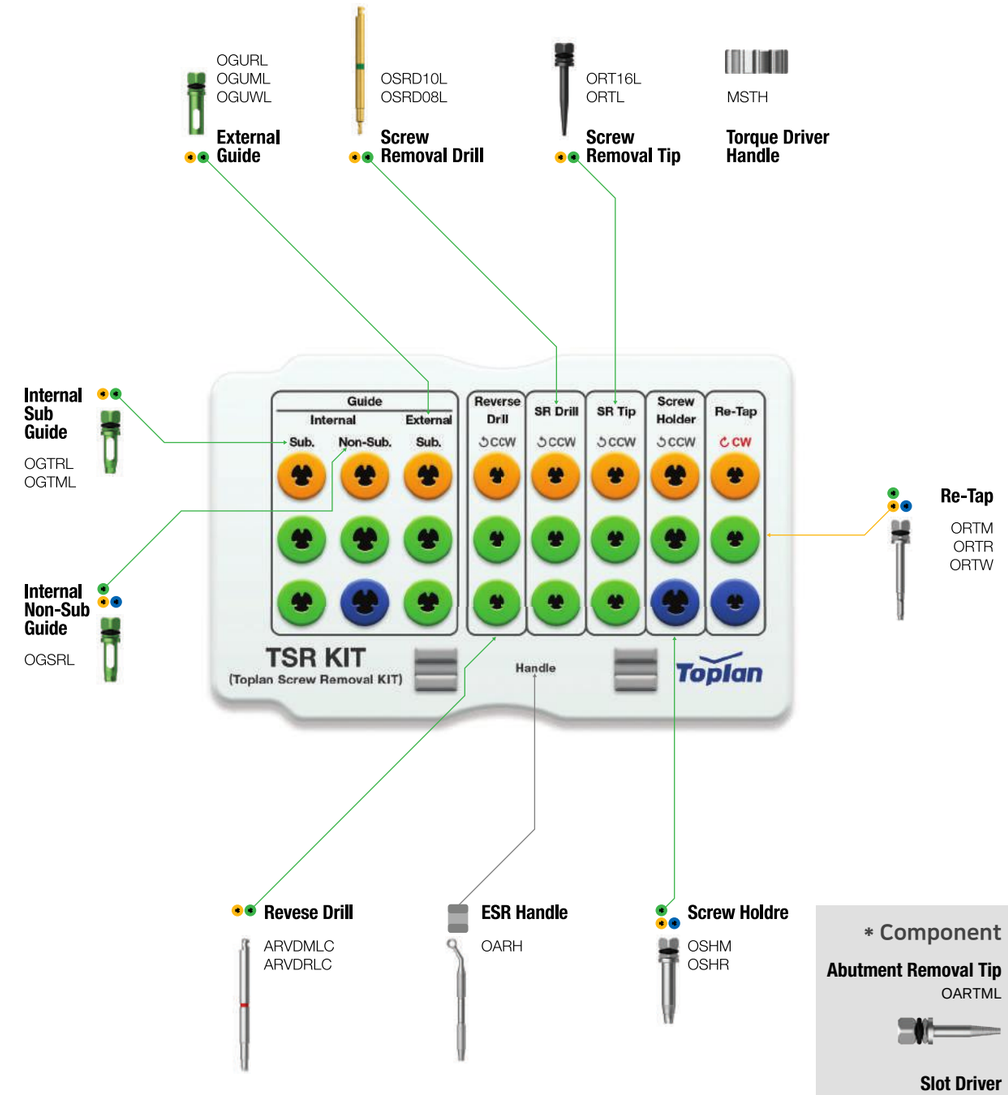


**Hydraulic Lifter Tube**
SNMT



# TSR KIT (TSRK)

- Safely removing when Screw / Abutment was broken
- Restoring fixture thread




* Component

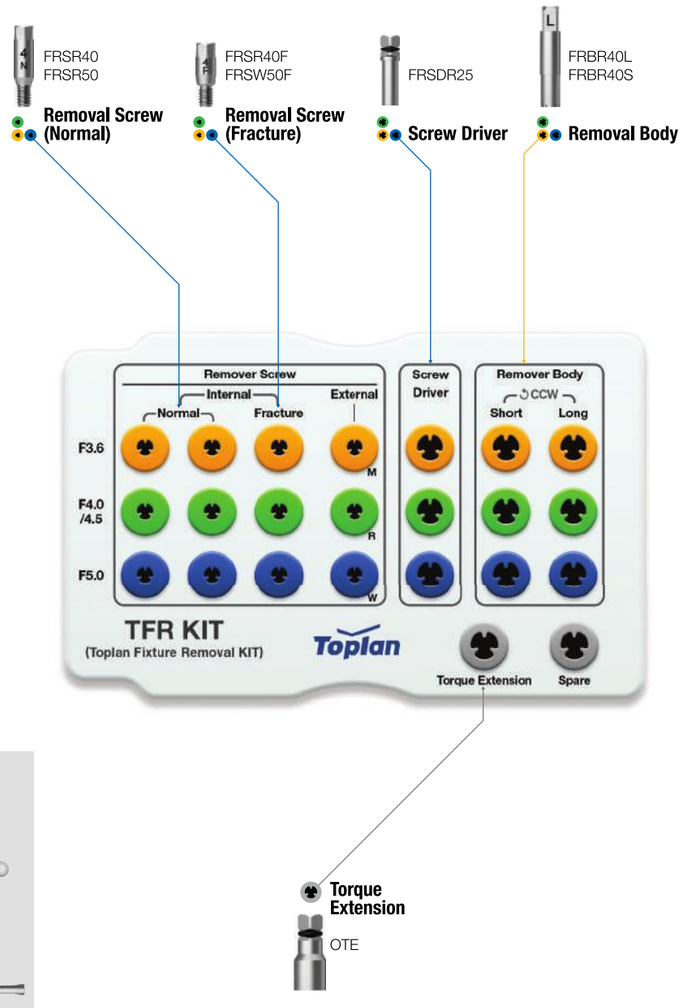
**Abutment Removal Tip**
OARTML



**Slot Driver**
OTSD07

# TFR KIT (TFRK)

- Available removing failure bony union and broken fixture




*** Component**

**Fixture Wrench**
FRDFE

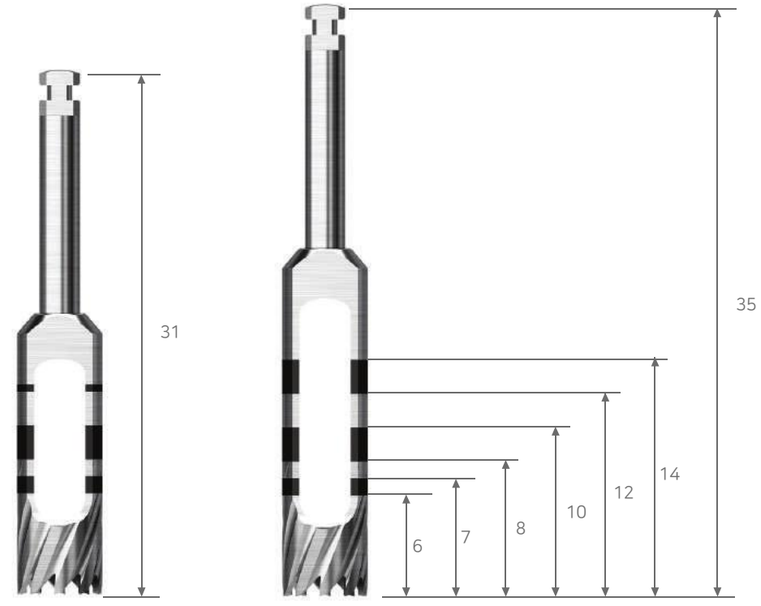
**Torque Wrench**
TW400B



# SURGICAL INSTRUMENTS

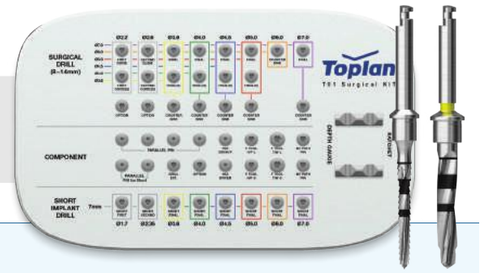
## TREPHINE DRILL

- Using when taking bone or removing failure fixture
- Using when removing septal bone
- Available as initial drill when placing ultra fixture




| 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 | TTD37S | TTD42S | TTD47S | TTD52S | TTD57S | TTD62S |
| Long | TTD37L | TTD42L | TTD47L | TTD52L | TTD57L | TTD62L |

# KIT & Tool management instructions




**※ Notes on implant placement**

- √ 0.5~1mm downwards insertion recommended
- √ Bone level insertion recommended


1. Immerse the used tool in saline or distilled water during the surgery.


2. After the surgery, all the tools including those unused should be taken out of the KIT and be cleaned in alcohol.
   Be sure to clean tools unused as corrosion may occur to the tools mounted on the rubber due to moisture generated during the sterilization, if they are not removed from the KIT. (At least once per quarter)
   Do not use hydrogen peroxide during cleaning.
   Exposure to hydrogen peroxide may discolor laser marking and anodizing.


3. Wash thoroughly with distilled or running water to remove any blood or foreign substances.


4. Remove the moisture completely with a dry cloth or a hot air fan.


5. After removing the moisture from the tools, set them in the KIT case.
   (Refer to Color Coding at this time for convenience.)


6. Afterward, dry the KIT in the autoclave (Temperature: 132℃, Time: 15 min) and store at room temperature.

**※ Caution**

- All devices used after the surgery should be separated immediately and be stored after cleaning.
- KIT is recommended to re-sterilize immediately before the surgery. (Temperature: 132℃, Time: 15 min)
- The warranty period of KIT is 1 year after the package is opened, and the guarantee for the times of use is 50 times.