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FIXTURE

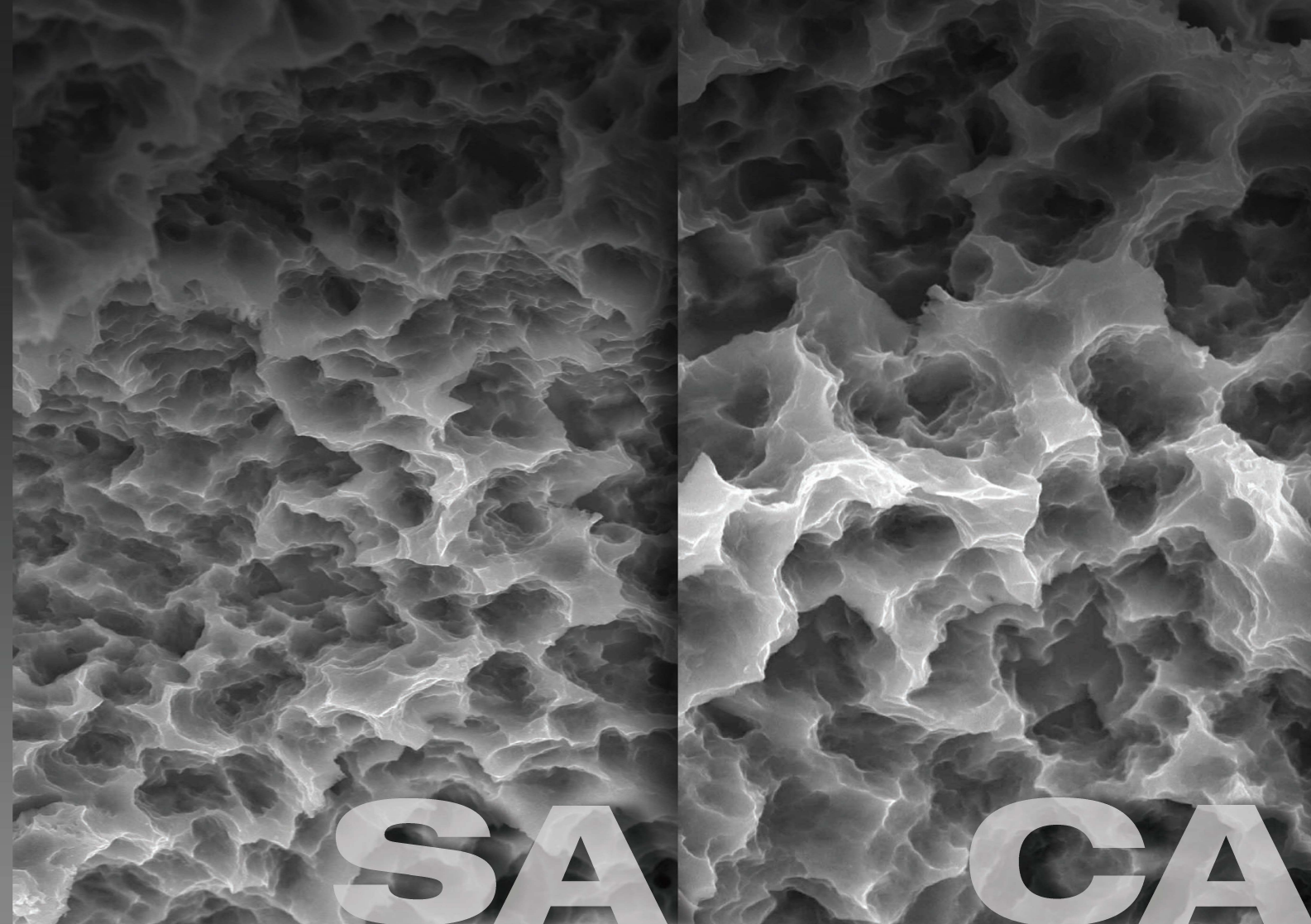
- 180 USII SA Fixture
- 182 USII CA Fixture
- 184 USIII SA Fixture
- 186 USIII CA Fixture
- 188 USIV SA Fixture
- 190 Simple Mount
- 190 Cover Screw
- 190 Headless Cover Screw
- 191 Healing Abutment

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- 192 PROSTHETIC FLOW DIAGRAM 1
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- 199 Angled (ID) Abutment
- 203 UCLA Gold Abutment
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- 206 UCLA Temporary Abutment
- 210 SmartFit Abutment
- 211 ZioCera Abutment
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## US Design & Surface Feature



US 포장 색상 정보

### External hex의 connection 구조를 가진 submerged type의 임플란트

- Connection - Mini Regular Wide Wide PS
- Corkscrew thread & cutting edge
  - 강력한 self threading 효과로 식립 path 수정 용이
  - Soft bone 초기 고정력 증대 및 드릴 직경에 따라 편차가 없는 식립토크 획득
- 골질 및 환자 상황에 따라 body shape 선택 가능
  - USII (straight body) : 식립 깊이 조절 용이
  - USIII (1.5° taper body) : soft bone에서도 immediate loading에 필요한 초기 고정력 획득 가능
  - USIV (6° taper body) : 상악동 및 soft bone 전용으로 강력한 초기 고정력 획득 가능

- 적용 표면 - SA CA

### 산 처리를 통한 최적의 표면형상 구현

- Ra 2.5~3.0 $\mu$ m 표면거칠기 구현  
단, 상단부 0.5mm 구간 Ra 0.5~0.6 $\mu$ m
- 1~3 $\mu$ m 크기의 균일한 micro-pit 구현
- RBM 대비 표면적 46% 증가

### 골 반응 성능 (in-vitro and in-vivo)

- 조골세포 분화 및 골화능 RBM 대비 20% 향상
- 대동물 (mini-pig) 적용 초기골 반응 성능
  - 초기 고정력(RT, 4주) RBM 대비 48% 향상
  - 신생골 형성(BIC, 4주) RBM 대비 20% 향상

### 칼슘 용액에 담지된 초친수성 SA 표면

- SA 표면과 동일한 최적의 표면 형상 유지
- 칼슘(CaCl<sub>2</sub>) 수용액에 담지하여 표면 활성 극대화
- 탁월한 혈액 젖음성을 통한 신생골 형성 면적 증대
- SA 대비 시술 초기 골반응 성능 향상

### 골 반응 성능 (in-vitro and in-vivo)

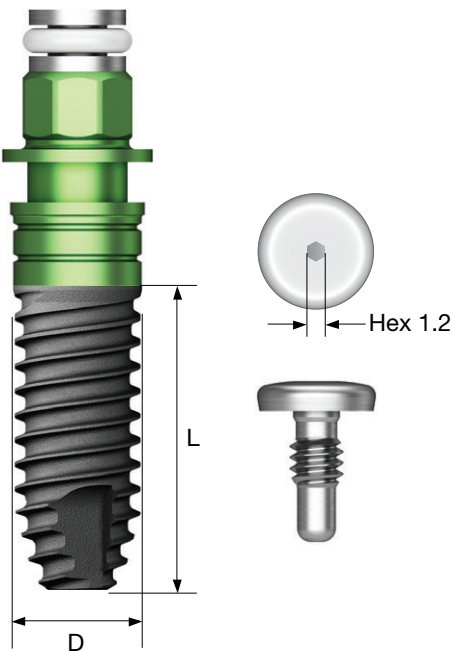
- 단백질, 세포부착능 SA 대비 3배 증대
- 초기 세포분화능(7일) SA 대비 19% 증대
- 초기 고정력(RT, 4주) SA 대비 34% 향상
- 신생골 형성(BIC, 4주) SA 대비 26% 향상

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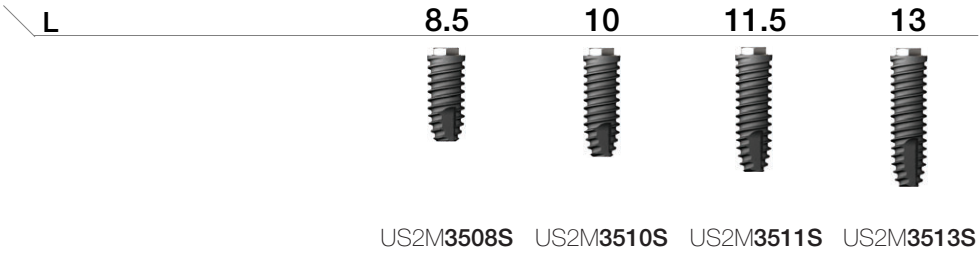
- External hex connection 구조를 가진 submerged type의 임플란트
- 최적의 SA 표면 구현을 위한 최적의 나사산 디자인
- 식립 깊이 조절이 용이한 straight body 디자인
- Corkscrew thread로 강력한 self threading 효과
- 권장 식립 토크 : 40Ncm 이하
- ※ 구치부 single case에서는 직경 4.5mm 이상의 fixture 사용 추천

NoMount fixture order code  
: fixture product code (ex : US2R4010S)  
Pre-Mounted fixture (fixture + mount + cover screw) order code  
: A + fixture product code (ex : AUS2R4010S)

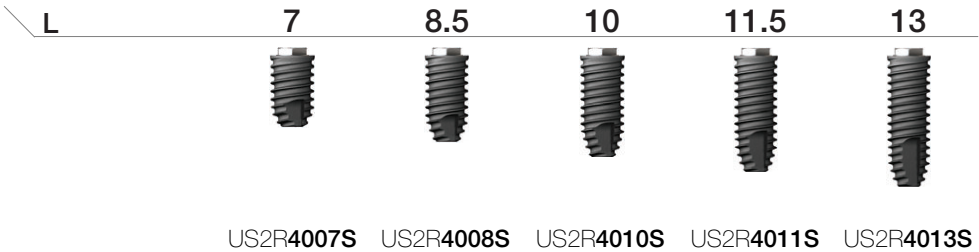


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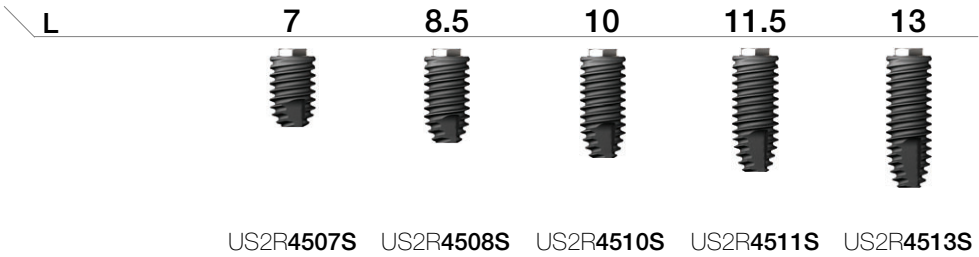
D Ø3.5  
P Ø3.5  
Hex 2.4



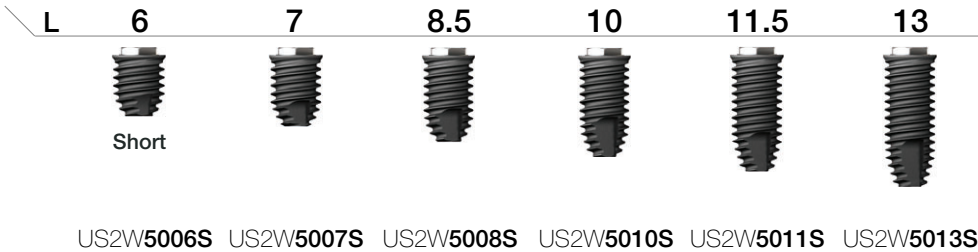
D Ø4.0  
P Ø4.1  
Hex 2.7



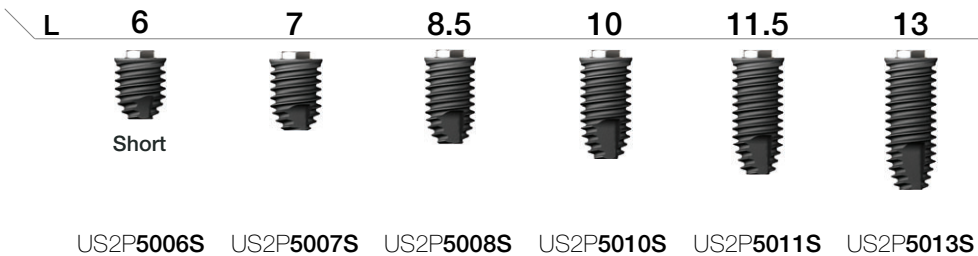
D Ø4.5  
P Ø4.1  
Hex 2.7



D Ø5.0  
P Ø5.1  
Hex 3.4



D Ø5.0  
P Ø5.0  
Hex 2.7



공칭 직경이 실제 직경과 차이가 있을 수 있음  
주의 Short implant는 충분한 치유기간을 거친 후, 보철시 다른 implant와 연결(splinting)하여 사용



- External hex connection 구조를 가진 submerged type의 임플란트
- 칼슘용액에 담지된 초친수성 SA 표면
- 식립 깊이 조절이 용이한 straight body 디자인
- Corkscrew thread로 강력한 self threading 효과

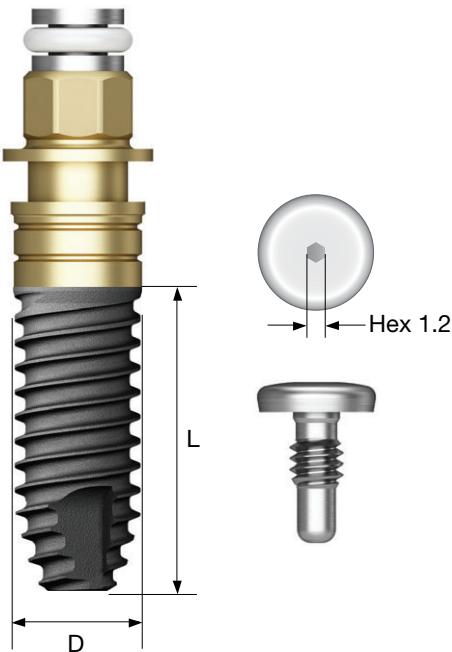
Ultra-wide

- 구치부 발치와 즉시 식립 case, failed implant 교체 식립시 유용한 fixture
- 권장 식립 토크 : 40Ncm 이하

※ 구치부 single case에서는 직경 4.5mm 이상의 fixture 사용 추천

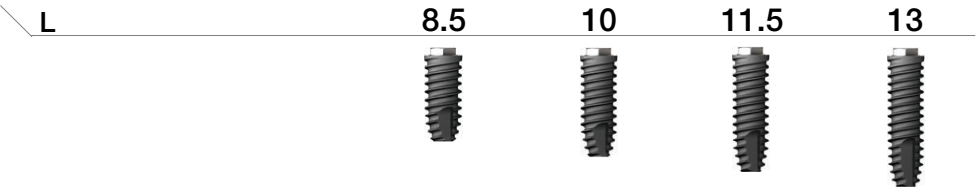
Pre-Mounted fixture (fixture + mount + cover screw) order code

: A + fixture product code (ex : AUS2R4010C)



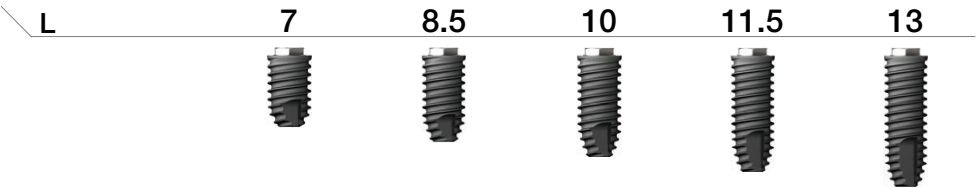
<http://Shitak.com>

D Ø3.5  
P Ø3.5  
Hex 2.4



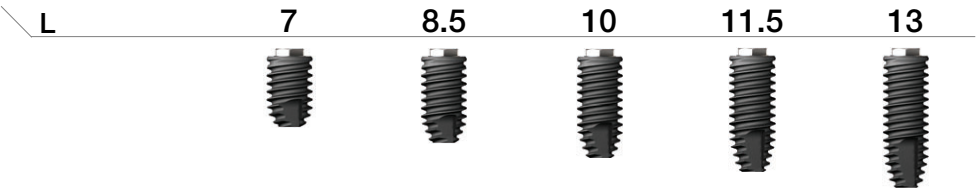
AUS2M3508C AUS2M3510C AUS2M3511C AUS2M3513C

D Ø4.0  
P Ø4.1  
Hex 2.7



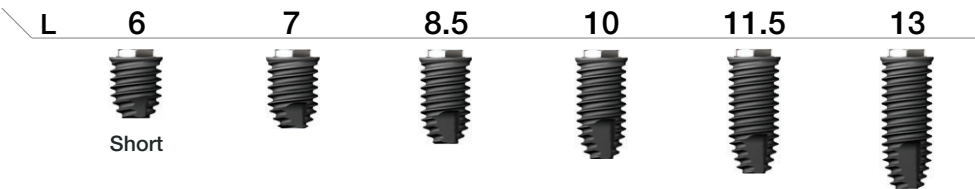
AUS2R4007C AUS2R4008C AUS2R4010C AUS2R4011C AUS2R4013C

D Ø4.5  
P Ø4.1  
Hex 2.7



AUS2R4507C AUS2R4508C AUS2R4510C AUS2R4511C AUS2R4513C

D Ø5.0  
P Ø5.1  
Hex 3.4

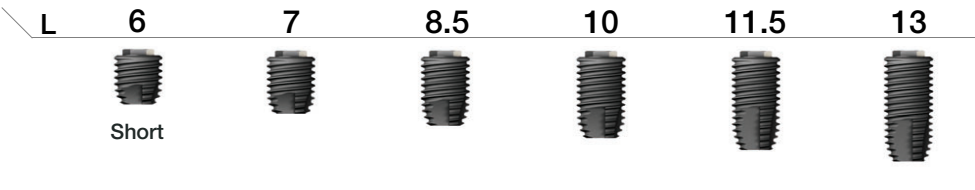


AUS2W5006C AUS2W5007C AUS2W5008C AUS2W5010C AUS2W5011C AUS2W5013C

NEW 2016

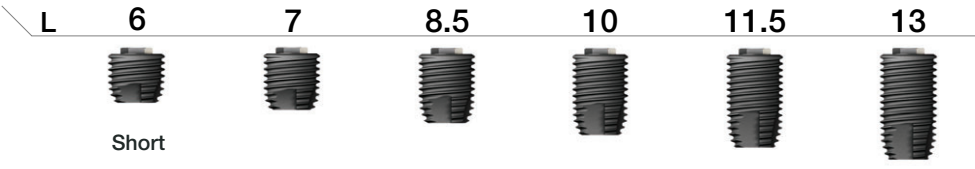
Ultra-wide

D Ø6.0  
P Ø5.1  
Hex 3.4



AUS2W6006C AUS2W6007C AUS2W6008C AUS2W6010C AUS2W6011C AUS2W6013C

D Ø7.0  
P Ø5.1  
Hex 3.4



AUS2W7006C AUS2W7007C AUS2W7008C AUS2W7010C AUS2W7011C AUS2W7013C

공칭 직경이 실제 직경과 차이가 있을 수 있음

주의 Short implant는 충분한 치유기간을 거친 후, 보철시 다른 implant와 연결(splinting)하여 사용

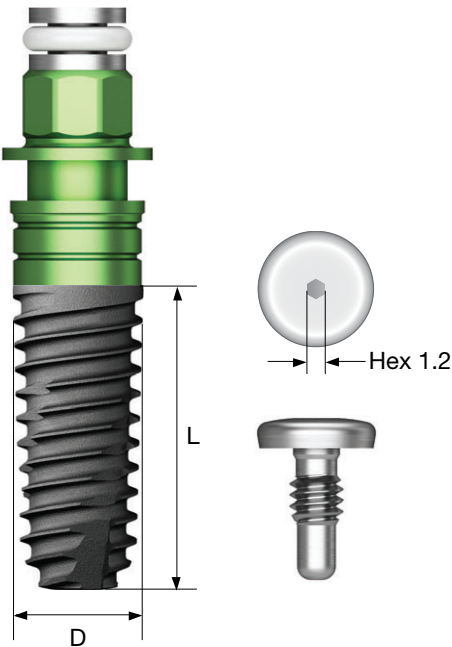


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- Corkscrew thread로 강력한 self threading 효과
- Soft bone에서도 immediate loading에 필요한 초기 고정력 획득 가능

- Ultra-wide**
- 구치부 발치와 즉시 식립 case, failed implant 교체 식립시 유용한 fixture
  - 최적화된 apex design으로 발치와 하단 3mm에서도 초기 고정을 안정적으로 획득 가능
  - 권장 식립 토크 : 40Ncm 이하
- ※ 구치부 single case에서는 직경 4.5mm 이상의 fixture 사용 추천

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**Pre-Mounted fixture (fixture + mount + cover screw) order code**  
: A + fixture product code (ex : AUS3R4010S)



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| L | 8.5       | 10        | 11.5      | 13        |
|---|-----------|-----------|-----------|-----------|
|   |           |           |           |           |
|   | US3M3508S | US3M3510S | US3M3511S | US3M3513S |

| L | 7         | 8.5       | 10        | 11.5      | 13        |
|---|-----------|-----------|-----------|-----------|-----------|
|   |           |           |           |           |           |
|   | US3R4007S | US3R4008S | US3R4010S | US3R4011S | US3R4013S |

| L | 7         | 8.5       | 10        | 11.5      | 13        |
|---|-----------|-----------|-----------|-----------|-----------|
|   |           |           |           |           |           |
|   | US3R4507S | US3R4508S | US3R4510S | US3R4511S | US3R4513S |

**D Ø5.0**  
**P Ø5.1**  
**Hex 3.4**  
**W**

| L | 6         | 7         | 8.5       | 10        | 11.5      | 13        |
|---|-----------|-----------|-----------|-----------|-----------|-----------|
|   |           |           |           |           |           |           |
|   | US3W5006S | US3W5007S | US3W5008S | US3W5010S | US3W5011S | US3W5013S |

**D Ø5.0**  
**P Ø5.0**  
**Hex 2.7**  
**W<sup>PS</sup>**

| L | 6         | 7         | 8.5       | 10        | 11.5      | 13        |
|---|-----------|-----------|-----------|-----------|-----------|-----------|
|   |           |           |           |           |           |           |
|   | US3P5006S | US3P5007S | US3P5008S | US3P5010S | US3P5011S | US3P5013S |

Ultra-wide

**D Ø6.0**  
**P Ø5.1**  
**Hex 3.4**  
**W**

| L | 6         | 7         | 8.5       | 10        | 11.5      | 13        |
|---|-----------|-----------|-----------|-----------|-----------|-----------|
|   |           |           |           |           |           |           |
|   | US3W6006S | US3W6007S | US3W6008S | US3W6010S | US3W6011S | US3W6013S |

**D Ø7.0**  
**P Ø5.1**  
**Hex 3.4**  
**W**

| L | 6         | 7         | 8.5       | 10        | 11.5      | 13        |
|---|-----------|-----------|-----------|-----------|-----------|-----------|
|   |           |           |           |           |           |           |
|   | US3W7006S | US3W7007S | US3W7008S | US3W7010S | US3W7011S | US3W7013S |

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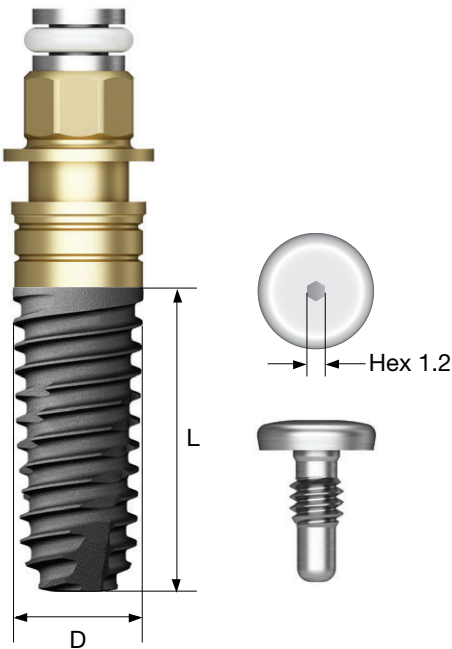
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Ultra-wide

- 구치부 발치와 즉시 식립 case, failed implant 교체 식립시 유용한 fixture
- 권장 식립 토크 : 40Ncm 이하

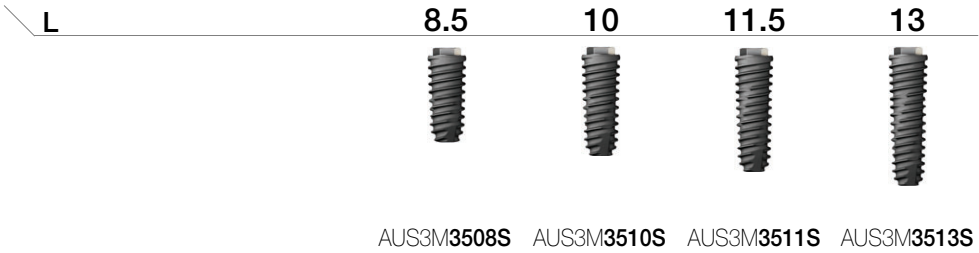
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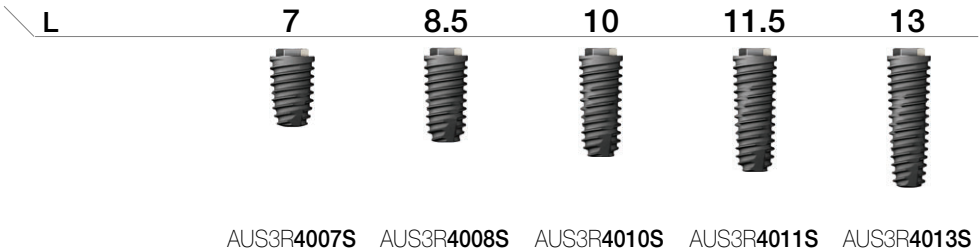


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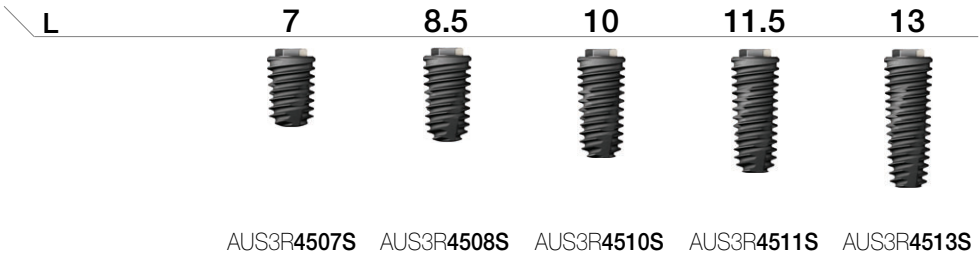
D Ø3.5  
P Ø3.5  
Hex 2.4



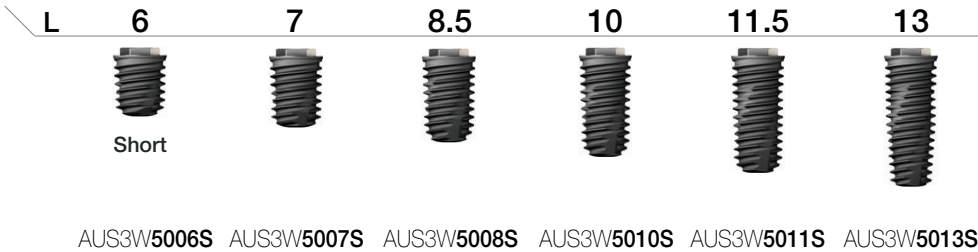
D Ø4.0  
P Ø4.1  
Hex 2.7



D Ø4.5  
P Ø4.1  
Hex 2.7

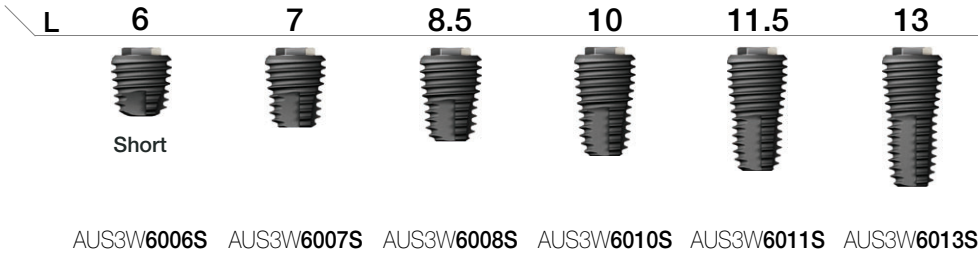


D Ø5.0  
P Ø5.1  
Hex 3.4

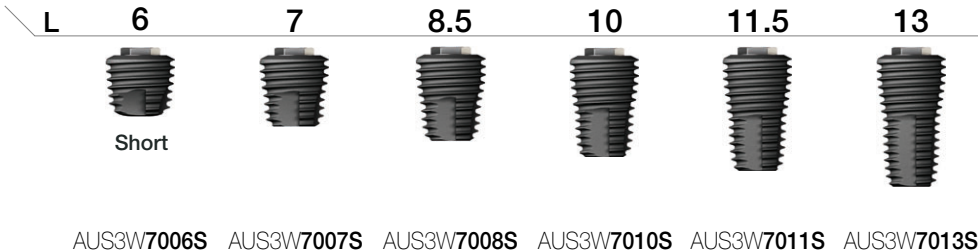


Ultra-wide

D Ø6.0  
P Ø5.1  
Hex 3.4



D Ø7.0  
P Ø5.1  
Hex 3.4



공칭 직경이 실제 직경과 차이가 있을 수 있음  
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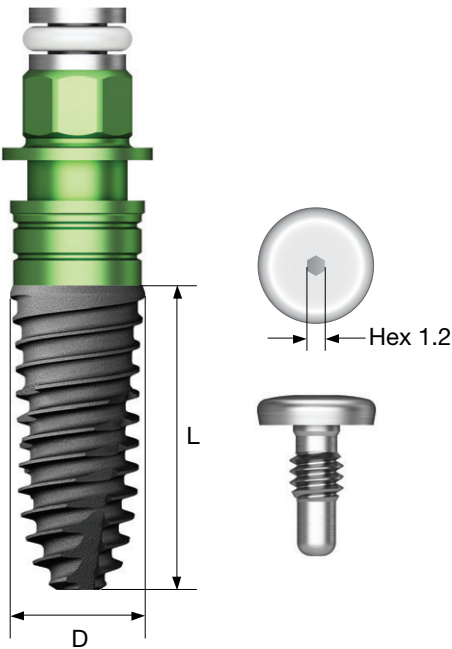
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- 최적의 SA 표면 구현을 위한 최적의 나사산 디자인
- 상악동 및 soft bone 전용 fixture
- Corkscrew thread로 강력한 self threading 효과
- Sharp한 apex design으로 D4 bone  $\varnothing$  2.0,  $\varnothing$  3.0mm drilling 후에도 식립 가능
- 권장 식립 토크 : 40Ncm 이하
- ※ 구치부 single case에서는 직경 4.5mm 이상의 fixture 사용 추천
- ※ USIV fixture는 thread의 pitch가 커서 식립 속도가 빠르므로, 식립 rpm을 15rpm 이하로 낮추어서 식립할 것을 추천

NoMount fixture (fixture + mount + cover screw) order code

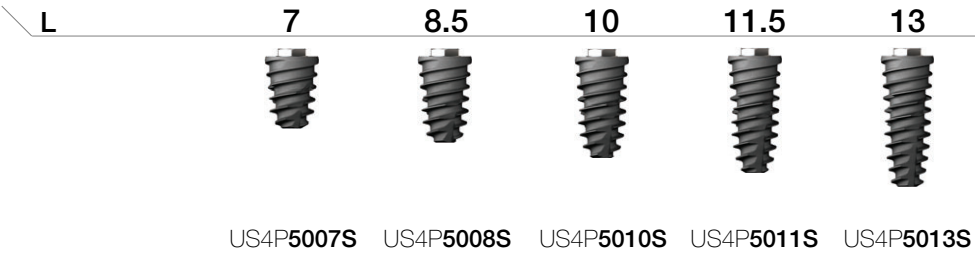
: fixture product code (ex : US4R4010S)

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

: A + fixture product code (ex : AUS4R4010S)

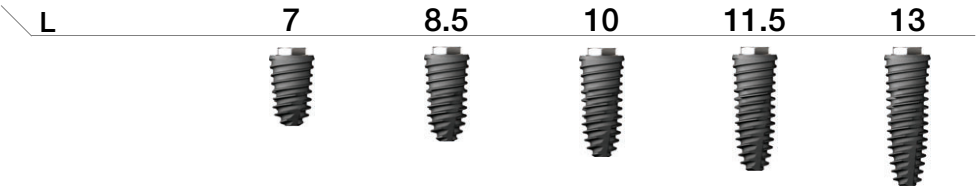


D  $\varnothing$ 5.0  
P  $\varnothing$ 5.0  
Hex 2.7  
W<sup>PS</sup>



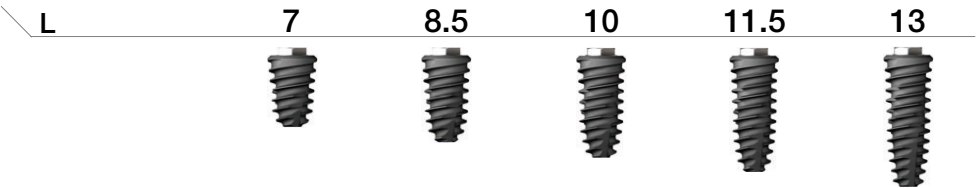
US4P5007S US4P5008S US4P5010S US4P5011S US4P5013S

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



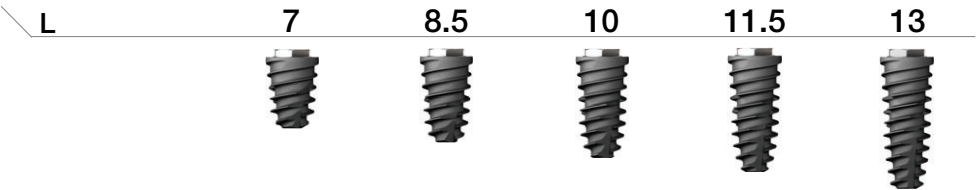
US4R4007S US4R4008S US4R4010S US4R4011S US4R4013S

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



US4R4507S US4R4508S US4R4510S US4R4511S US4R4513S

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



US4W5007S US4W5008S US4W5010S US4W5011S US4W5013S

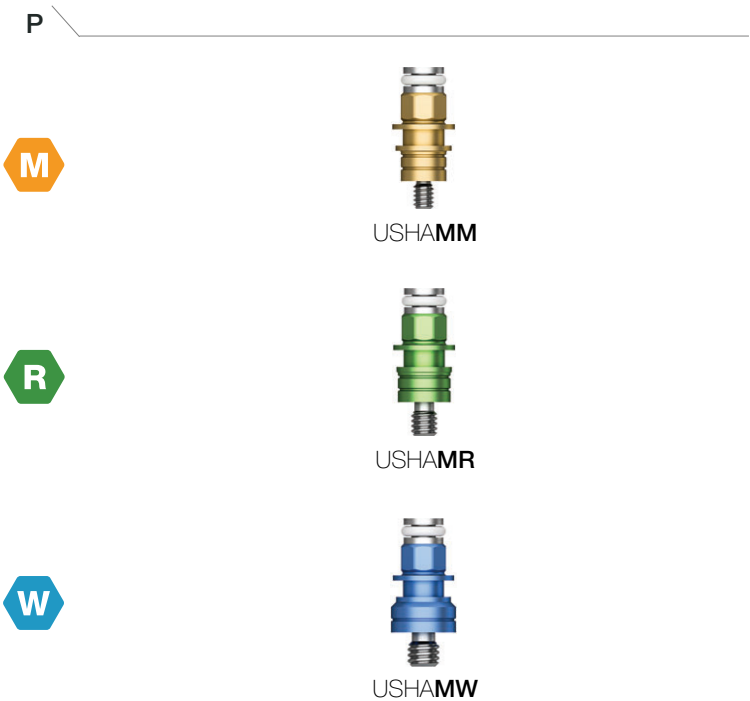
<http://Shetak.com>

공칭 직경이 실제 직경과 차이가 있을 수 있음

Simple Mount

- Fixture platform에 따라 선택 사용
- 1.2 hex driver로 손 힘으로 체결
- ※ 일회용, 재사용 금지
- P = Platform

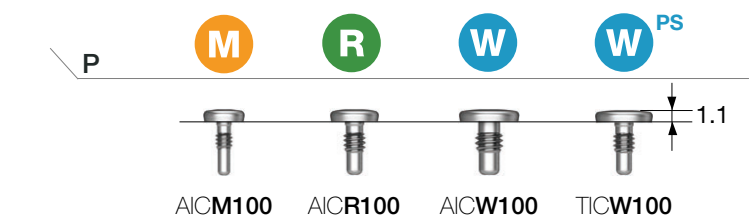
- M Mini
- R Regular
- W Wide



Cover Screw

- Fixture platform에 따라 선택 사용
- 0.9 hex(only mini), 1.2 hex driver로 손 힘으로 체결
- P = Platform

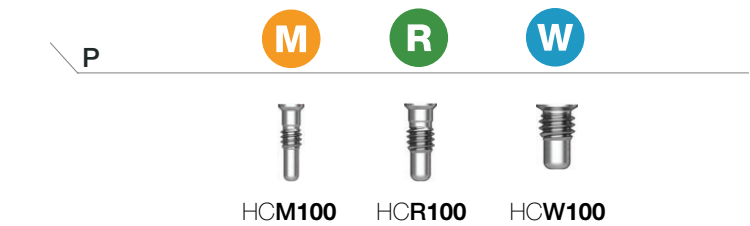
- M Mini
- R Regular
- W Wide



Headless Cover Screw

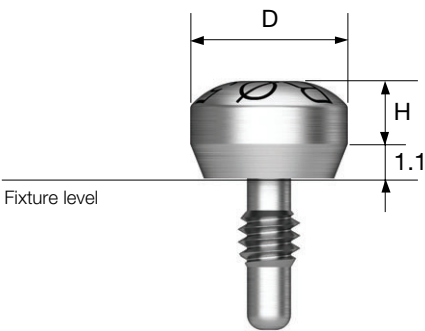
- 봉합부의 연조직이 부족할 경우 사용
- 0.9 hex(only mini), 1.2 hex driver로 손 힘으로 체결
- P = Platform

- M Mini
- R Regular
- W Wide



- Hex driver : 1.2
- 권장 조임 토크 : 5~8Ncm

- M Mini
- R Regular
- W Wide

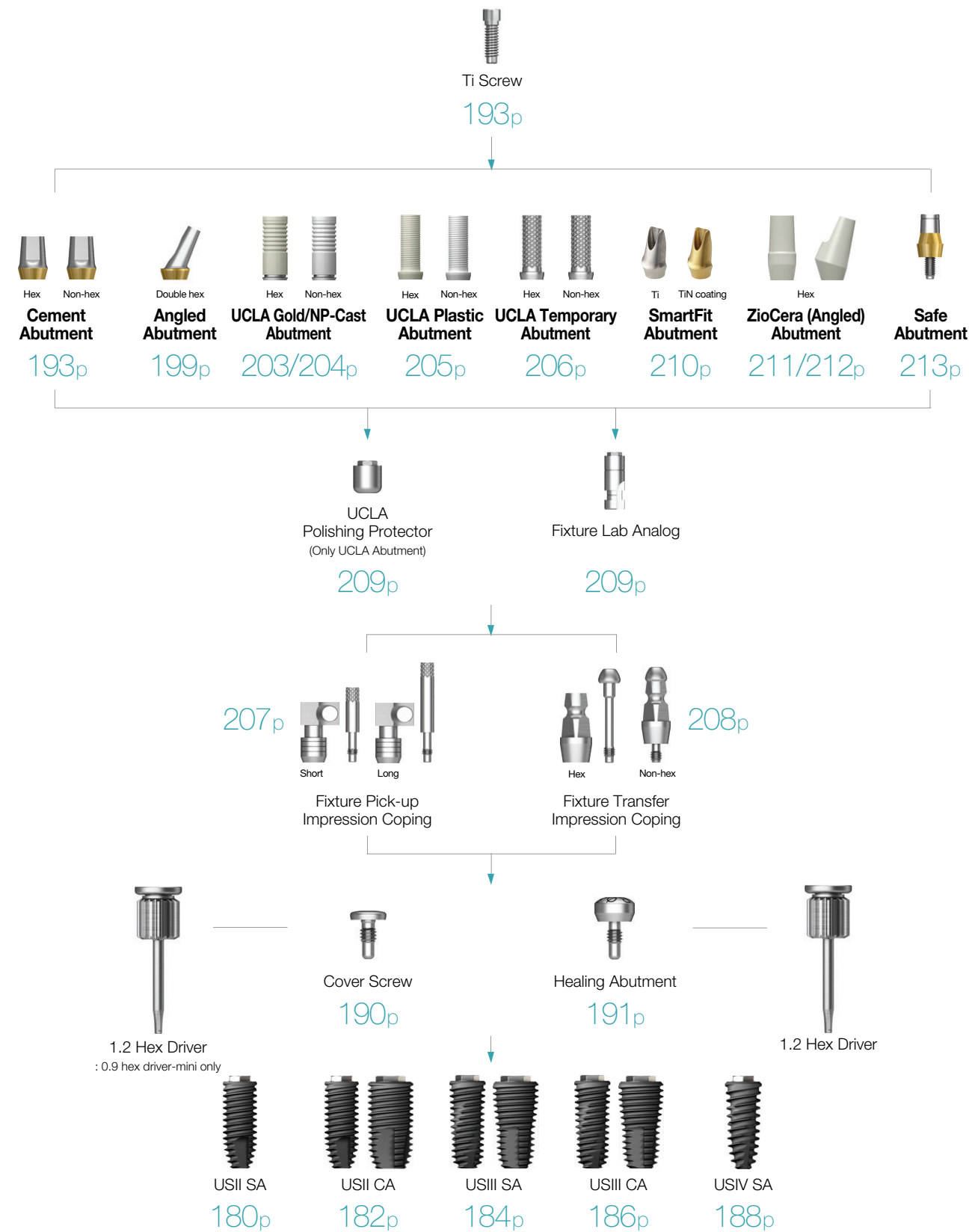


| D \ H           | 2.0     | 3.0      | 4.0     | 5.5      | 7.0      |
|-----------------|---------|----------|---------|----------|----------|
| Ø 4.0           | -       | AIHM403  | -       | AIHM405  | -        |
| Ø 5.0           | -       | AIHM503  | -       | AIHM505  | -        |
| D \ H           | 2.0     | 3.0      | 4.0     | 5.5      | 7.0      |
| Ø 4.1 One Piece | -       | AIOHR403 | -       | AIOHR405 | AIOHR407 |
| Ø 4.1 Two Piece | -       | AIHR403  | -       | AIHR405  | AIHR407  |
| Ø 5.0           | AIHR502 | AIHR503  | AIHR504 | AIHR505  | AIHR507  |
| Ø 6.0           | AIHR602 | AIHR603  | AIHR604 | AIHR605  | AIHR607  |
| D \ H           | 2.0     | 3.0      | 4.0     | 5.5      | 7.0      |
| Ø 5.1 One Piece | -       | AIOHW503 | -       | AIOHW505 | -        |
| Ø 5.1 Two Piece | -       | AIHW503  | -       | AIHW505  | -        |
| Ø 6.0           | AIHW602 | AIHW603  | AIHW604 | AIHW605  | -        |
| Ø 7.0           | AIHW702 | AIHW703  | AIHW704 | AIHW705  | -        |
| Ø 6.0 PS        | -       | TIHW603  | -       | TIHW605  | -        |



# Cement / Angled / UCLA / SmartFit / ZioCera / Safe

Fixture Level Impression



## Cement Abutment

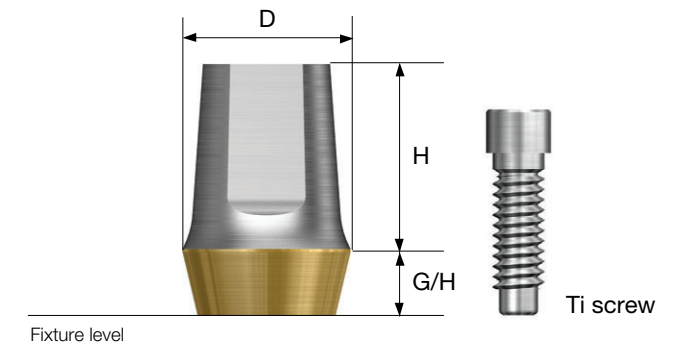
2007.09

보험용



- Cement/combination 유지형 보철 제작용 abutment
- Fixture level impression
- 1.2 hex driver로 체결
- 권장 조임 토크 : 30Ncm
- Packing unit : abutment + Ti screw

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



| D Ø4.0             | H \ G/H Type | 1.0 | 2.0    | 3.0 | 4.0    | 1.0     | 2.0     | 3.0 | 4.0     |
|--------------------|--------------|-----|--------|-----|--------|---------|---------|-----|---------|
| M                  |              | Hex |        |     |        | Non-Hex |         |     |         |
| Ti screw : USABSMT |              |     |        |     |        |         |         |     |         |
| 7.0                |              | -   | CAM427 | -   | CAM447 | -       | CAM427N | -   | CAM447N |

| D Ø4.1            | H \ G/H Type | 1.0 | 2.0 | 3.0    | 4.0 | 1.0     | 2.0 | 3.0     | 4.0 |
|-------------------|--------------|-----|-----|--------|-----|---------|-----|---------|-----|
| R                 |              | Hex |     |        |     | Non-Hex |     |         |     |
| Ti screw : ASR200 |              |     |     |        |     |         |     |         |     |
| 7.0               |              | -   | -   | CAR437 | -   | -       | -   | CAR437N | -   |

http://Shitak.com

US SYSTEM

193

US SYSTEM

192

Cement Abutment 2007.09

보험용



D Ø5.0



Ti screw : ASR200

| H \ G/H | Type   |        |        |        | Type    |         |         |         |
|---------|--------|--------|--------|--------|---------|---------|---------|---------|
|         | 1.0    | 2.0    | 3.0    | 4.0    | 1.0     | 2.0     | 3.0     | 4.0     |
|         | 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



Ti screw : ASR200

| H \ G/H | Type   |        |        |        | Type    |         |         |         |
|---------|--------|--------|--------|--------|---------|---------|---------|---------|
|         | 1.0    | 2.0    | 3.0    | 4.0    | 1.0     | 2.0     | 3.0     | 4.0     |
|         | Hex    |        |        |        | Non-Hex |         |         |         |
|         |        |        |        |        |         |         |         |         |
| 5.5     | CAR615 | CAR625 | CAR635 | CAR645 | CAR615N | CAR625N | CAR635N | CAR645N |

D Ø5.1



Ti screw : ASW200

| H \ G/H | Type |     |        |     | Type    |     |         |     |
|---------|------|-----|--------|-----|---------|-----|---------|-----|
|         | 1.0  | 2.0 | 3.0    | 4.0 | 1.0     | 2.0 | 3.0     | 4.0 |
|         | Hex  |     |        |     | Non-Hex |     |         |     |
|         |      |     |        |     |         |     |         |     |
| 7.0     | -    | -   | CAW537 |     | -       | -   | CAW537N | -   |

D Ø6.0



Ti screw : ASW0200

| H \ G/H | Type   |        |        |        | Type    |         |         |         |
|---------|--------|--------|--------|--------|---------|---------|---------|---------|
|         | 1.0    | 2.0    | 3.0    | 4.0    | 1.0     | 2.0     | 3.0     | 4.0     |
|         | 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 |

보험용

D Ø7.0



Ti screw : ASW200

| H \ G/H | Type   |        |        |        | Type    |         |         |         |
|---------|--------|--------|--------|--------|---------|---------|---------|---------|
|         | 1.0    | 2.0    | 3.0    | 4.0    | 1.0     | 2.0     | 3.0     | 4.0     |
|         | Hex    |        |        |        | Non-Hex |         |         |         |
|         |        |        |        |        |         |         |         |         |
| 5.5     | CAW715 | CAW725 | CAW735 | CAW745 | CAW715N | CAW725N | CAW735N | CAW745N |

D Ø6.0



Ti screw : ASR200

| H \ G/H | Type |         |     |         | Type    |          |     |          |
|---------|------|---------|-----|---------|---------|----------|-----|----------|
|         | 1.0  | 2.0     | 3.0 | 4.0     | 1.0     | 2.0      | 3.0 | 4.0      |
|         | Hex  |         |     |         | Non-Hex |          |     |          |
|         |      |         |     |         |         |          |     |          |
| 7.0     | -    | TCAW627 | -   | TCAW647 | -       | TCAW627N | -   | TCAW647N |

D Ø6.0



Ti screw : RASW200

| H \ G/H | Type |         |     |         |
|---------|------|---------|-----|---------|
|         | 1.0  | 2.0     | 3.0 | 4.0     |
|         | Hex  |         |     |         |
|         |      |         |     |         |
| 7.0     | -    | RCAW627 | -   | RCAW647 |

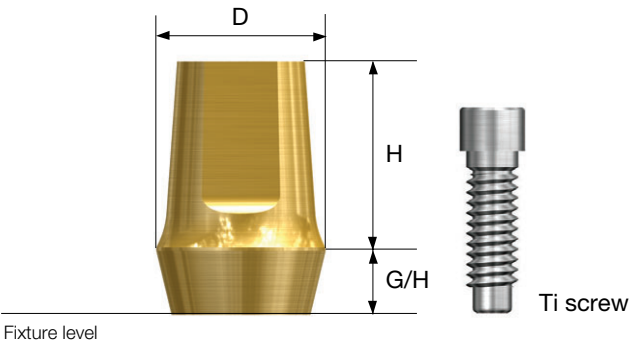
http://Shetak.com

Cement ID Abutment NEW 2014.09



• 비보철용 cement abutment

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



D Ø5.0



Ti screw  
: ASR200

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

D Ø6.0



Ti screw  
: ASR200

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

D Ø5.1



Ti screw  
: ASW200

| H \ G/H<br>Type | 1.0 | 2.0 | 3.0     | 4.0 |         |   |          |   | 1.0 | 2.0 | 3.0 | 4.0 |
|-----------------|-----|-----|---------|-----|---------|---|----------|---|-----|-----|-----|-----|
|                 | Hex |     |         |     | Non-Hex |   |          |   |     |     |     |     |
| 7.0             | -   | -   |         | -   | -       | - |          | - |     |     |     |     |
|                 | -   | -   | BCAW537 | -   | -       | - | BCAW537N | - |     |     |     |     |

D Ø6.0



Ti screw  
: ASW0200

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

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Cement ID Abutment NEW 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 |

D Ø6.0

W R-type

Ti screw : RASW200

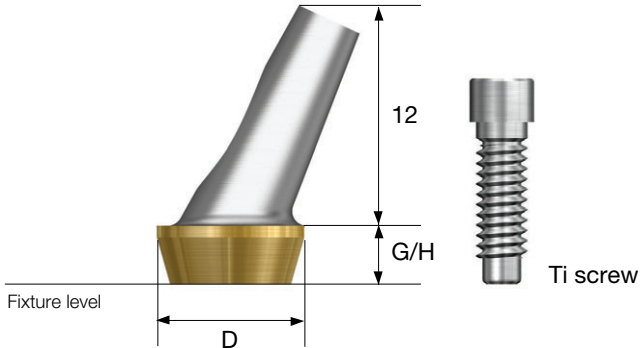
| H \ G/H | 1.0 | 2.0      | 3.0 | 4.0      |
|---------|-----|----------|-----|----------|
| Type    | Hex |          |     |          |
| 7.0     | -   |          | -   |          |
|         | -   | BRCAW627 | -   | BRCAW647 |

Angled Abutment 2007.09

보험용

- Cement/combination 유지형 보철 제작용 abutment
- 15°/25° fixture 식립 각도 보상 가능
- Double hex(12각) 구조로 abutment의 방향 제약 극복
- Fixture level impression
- 1.2 hex driver로 체결
- 권장 조임 토크 : 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 |

http://Shetak.com



Angled Abutment

2007.09

보험용

D Ø6.0



Ti screw : ASR200

| G/H   | 2.0         | 4.0         | 2.0         | 4.0         |
|-------|-------------|-------------|-------------|-------------|
| Angle | 15°         |             | 25°         |             |
|       |             |             |             |             |
|       | TA AW 6152C | TA AW 6154C | TA AW 6252C | TA AW 6254C |

D Ø6.0



Ti screw : RASW200

| G/H   | 2.0         | 4.0         | 2.0         | 4.0         |
|-------|-------------|-------------|-------------|-------------|
| Angle | 15°         |             | 25°         |             |
|       |             |             |             |             |
|       | RA AW 6152C | RA AW 6154C | RA AW 6252C | RA AW 6254C |

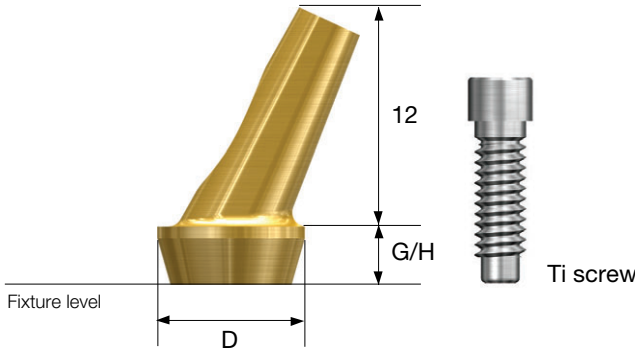
Angled ID Abutment

NEW 2014.09



• 비보험용 angled abutment

Abutment + Ti screw order code  
: product code + TH (ex : BAAR5152C TH)



D Ø4.0



Ti screw : USABSMT

| G/H   | 2.0         | 4.0         | 2.0         | 4.0         |
|-------|-------------|-------------|-------------|-------------|
| Angle | 15°         |             | 25°         |             |
|       |             |             |             |             |
|       | BA AM 4152C | BA AM 4154C | BA AM 4252C | BA AM 4254C |

D Ø5.0



Ti screw : ASR200

| G/H   | 2.0         | 4.0         | 2.0         | 4.0         |
|-------|-------------|-------------|-------------|-------------|
| Angle | 15°         |             | 25°         |             |
|       |             |             |             |             |
|       | BA AR 5152C | BA AR 5154C | BA AR 5252C | BA AR 5254C |

D Ø6.0



Ti screw : ASW200

| G/H   | 2.0         | 4.0         | 2.0         | 4.0         |
|-------|-------------|-------------|-------------|-------------|
| Angle | 15°         |             | 25°         |             |
|       |             |             |             |             |
|       | BA AW 6152C | BA AW 6154C | BA AW 6252C | BA AW 6254C |

http://Shitak.com

Angled ID Abutment NEW 2014.09

D Ø6.0

W<sup>PS</sup>

Ti screw : ASR200

| G/H   | 2.0        | 4.0        | 2.0        | 4.0        |
|-------|------------|------------|------------|------------|
| Angle | 15°        |            | 25°        |            |
|       |            |            |            |            |
|       | BTAAW6152C | BTAAW6154C | BTAAW6252C | BTAAW6254C |

D Ø6.0

W<sup>R-type</sup>

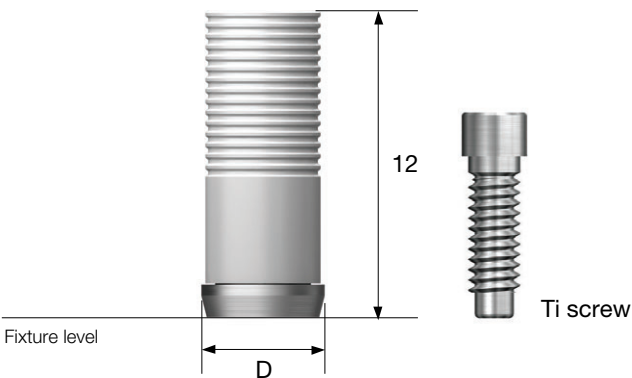
Ti screw : RASW200

| G/H   | 2.0        | 4.0        | 2.0        | 4.0        |
|-------|------------|------------|------------|------------|
| Angle | 15°        |            | 25°        |            |
|       |            |            |            |            |
|       | BRAAW6152C | BRAAW6154C | BRAAW6252C | BRAAW6254C |

UCLA Gold Abutment 2007.09

- Cement/combination/screw 유지형 보철 제작용 abutment
- Gold 합금으로 casting하여 customize 보철 제작에 사용
- Abutment 용융 온도 : 1400~1450°C
- Fixture level impression
- 1.2 hex driver로 체결
- 권장 조임 토크 : 30Ncm
- Packing unit : abutment + Ti screw

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



<http://Shetak.com>

D Ø4.0

M

Ti screw : USABSMT

| Type | Hex    | Non-Hex |
|------|--------|---------|
|      |        |         |
|      | GCM200 | GCM100  |

D Ø4.5

R

Ti screw : ASR200

| Type | Hex    | Non-Hex |
|------|--------|---------|
|      |        |         |
|      | GCR200 | GCR100  |

D Ø5.5

W

Ti screw : ASW200

| Type | Hex    | Non-Hex |
|------|--------|---------|
|      |        |         |
|      | GCW200 | GCW100  |

D Ø5.5

W<sup>PS</sup>

Ti screw : ASR200

| Type | Hex     | Non-Hex |
|------|---------|---------|
|      |         |         |
|      | TGCW200 | TGCW100 |

D Ø6.0

W<sup>R-type</sup>

Ti screw : RASW200

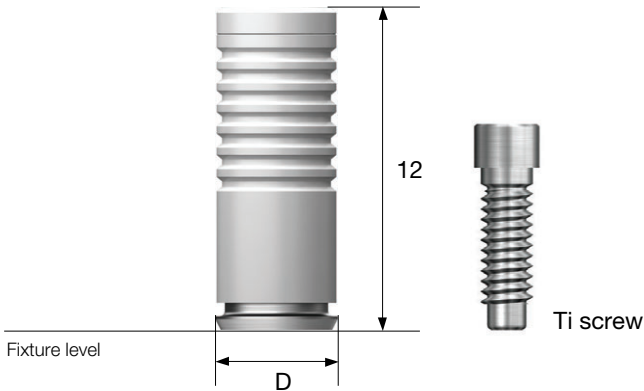
| Type | Hex     | Non-Hex |
|------|---------|---------|
|      |         |         |
|      | RGCW200 | RGCW100 |



UCLA NP-Cast Abutment 2012.04

- Cement/combination/screw 유지형 보철 제작용 abutment
- 비귀금속 합금으로 casting하여 customize 보철 제작에 사용
- Abutment 용융 온도 : 1400~1550℃
- Fixture level impression
- 1.2 hex driver로 체결
- 권장 조임 토크 : 30Ncm
- Packing unit : abutment + Ti screw

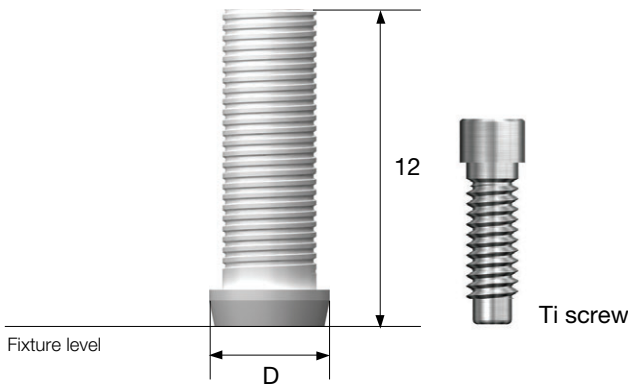
Abutment + Ti screw order code  
: product code + TH (ex : NCR200TH)



UCLA Plastic Abutment 2007.09

- Cement/combination/screw 유지형 보철 제작용 abutment
- Abutment의 체결부까지 합금으로 casting하여 customize 보철 제작에 사용
- Fixture level impression
- 1.2 hex driver로 체결
- 권장 조임 토크 : 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code  
: product code + TH (ex : PSR200TH)



US SYSTEM

204

**D Ø4.0**

| Type                                                                                | Hex                                                                                 | Non-Hex                                                                             |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
|                                                                                     | NCM200                                                                              | NCM100                                                                              |

Ti screw : USABSMT

**D Ø4.5**

| Type                                                                                | Hex                                                                                   | Non-Hex                                                                               |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
|                                                                                     | NCR200                                                                                | NCR100                                                                                |

Ti Screw : ASR200

**D Ø5.5**

| Type                                                                                | Hex                                                                                 | Non-Hex                                                                             |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
|                                                                                     | NCW200                                                                              | NCW100                                                                              |

Ti screw : ASR200

**D Ø5.5**

| Type                                                                                | Hex                                                                                   | Non-Hex                                                                               |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
|                                                                                     | TNCW200                                                                               | TNCW100                                                                               |

Ti screw : ASR200

http://Shatak.com

US SYSTEM

205

**D Ø4.0**

| Type                                                                                  | Hex                                                                                   | Non-Hex                                                                               |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
|                                                                                       | PSM200                                                                                | PSM100                                                                                |

Ti screw : USABSMT

**D Ø4.5**

| Type                                                                                  | Hex                                                                                   | Non-Hex                                                                               |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
|                                                                                       | PSR200                                                                                | PSR100                                                                                |

Ti screw : ASR200

**D Ø5.5**

| Type                                                                                  | Hex                                                                                   | Non-Hex                                                                               |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
|                                                                                       | PSW200                                                                                | PSW100                                                                                |

Ti screw : ASW200

**D Ø5.5**

| Type                                                                                  | Hex                                                                                   | Non-Hex                                                                               |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
|                                                                                       | TPSW200                                                                               | TPSW100                                                                               |

Ti screw : ASR200

**D Ø6.0**

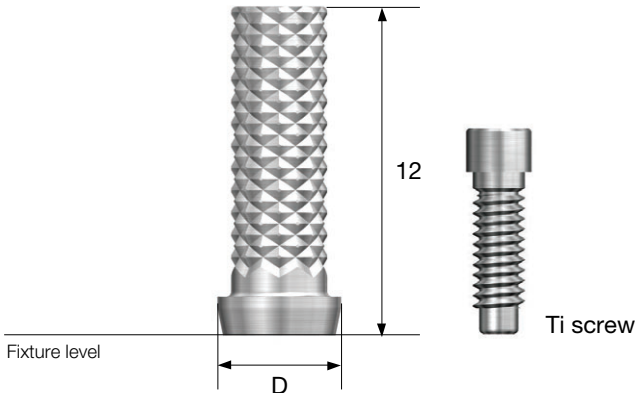
| Type                                                                                  | Hex                                                                                   | Non-Hex                                                                               |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
|                                                                                       | RPSW200                                                                               | RPSW100                                                                               |

Ti screw : RASW200

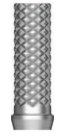
UCLA Temporary Abutment<sup>2007.09</sup>

- Cement/screw 유지형 임시 보철 제작용 abutment
- 삭제하여 임시 보철물 제작에 사용 (Ti Gr-3)
- Fixture level impression
- 1.2 hex driver로 체결
- 권장 조임 토크 : 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code  
: product code + TH (ex : TAR200TH)



**D Ø4.0**

| Type                                                                                | Hex                                                                                 | Non-Hex                                                                             |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
|                                                                                     | TAM200                                                                              | TAM100                                                                              |

Ti screw : USABSMT

**D Ø4.5**

| Type                                                                                | Hex                                                                                   | Non-Hex                                                                               |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
|                                                                                     | TAR200                                                                                | TAR100                                                                                |

Ti screw : ASR200

**D Ø5.5**

| Type                                                                                | Hex                                                                                 | Non-Hex                                                                             |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
|                                                                                     | TAW200                                                                              | TAW100                                                                              |

Ti screw : ASW200

**D Ø5.5<sup>PS</sup>**

| Type                                                                                | Hex                                                                                   | Non-Hex                                                                               |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
|                                                                                     | TTAW200                                                                               | TTAW100                                                                               |

Ti screw : ASR200

**D Ø6.0**

| Type                                                                                | Hex                                                                                 | Non-Hex                                                                             |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
|                                                                                     | RTAW200                                                                             | RTAW100                                                                             |

Ti screw : RASW200

UCLA Abutment Components



Fixture Pick-Up Impression Coping

- Open tray를 이용
- 인상체 안에서 안정적으로 고정되는 unique한 디자인
- 1.2 hex driver로 손 힘으로 체결
- Packing unit : impression coping body + guide pin(\*)

-  Mini
-  Regular
-  Wide

| D \ L                   | 7                                                                                    |                                                                                      | 12                                                                                   |                                                                                      | Guide Pin |                                                                                      |                                                                                      |                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|                         | Type                                                                                 | Hex                                                                                  | Non-Hex                                                                              | Hex                                                                                  | Non-Hex   | 10                                                                                   | 15                                                                                   | 17                                                                                   |
|                         |  |  |  |  |           |  |  |  |
| Ø 4.0                   | -                                                                                    | -                                                                                    | ICFM400                                                                              | ICFM400N                                                                             | -         | CSM150                                                                               | -                                                                                    |                                                                                      |
| Ø 5.0                   | ICSR500                                                                              | ICSR500N                                                                             | ICFR500                                                                              | ICFR500N                                                                             | CSR100    | CSR150*                                                                              | CSR170                                                                               |                                                                                      |
| Ø 6.0                   | -                                                                                    | -                                                                                    | ICFR600                                                                              | ICFR600N                                                                             | -         | -                                                                                    | -                                                                                    |                                                                                      |
| Ø 6.0                   | ICSW600                                                                              | ICSW600N                                                                             | ICFW600                                                                              | ICFW600N                                                                             | CSW100    | CSW150*                                                                              | -                                                                                    |                                                                                      |
| Ø 6.0 <sub>PS</sub>     | -                                                                                    | -                                                                                    | TICFW600                                                                             | TICFW600N                                                                            | -         | TCSW150                                                                              | -                                                                                    |                                                                                      |
| Ø 6.0 <sub>R-type</sub> | -                                                                                    | -                                                                                    | RICFW600                                                                             | RICFW600N                                                                            | -         | RCSW150                                                                              | -                                                                                    |                                                                                      |

http://Shetak.com

# UCLA Abutment Components



## Fixture Transfer Impression Coping

- Closed tray를 이용
- 안정적인 체결감, 정확한 재위치가 가능한 삼각 원호 구조
- 1.2 hex driver로 손 힘으로 체결
- Packing unit
  - Hex : impression coping body + guide pin
  - Non-hex : impression coping

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

| D \ L        | 10.5     |          | 13.5     |          |
|--------------|----------|----------|----------|----------|
|              | Hex      | Non-Hex  | Hex      | Non-Hex  |
| Type         |          |          |          |          |
| Ø 4.0        | ICPM402S | ICPM401S | ICPM402L | ICPM401L |
| Ø 5.0        | ICPR502S | ICPR501S | ICPR502L | ICPR501L |
| Ø 6.0        | ICPW602S | ICPW601S | ICPW602L | ICPW601L |
| Ø 6.0 PS     | -        | -        | TICPW602 | TICPW601 |
| Ø 6.0 R-type | -        | -        | RICPW602 | RICPW601 |

## Fixture Lab Analog

- Fixture level impression용 lab analog
- Packing unit : lab analog

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

| C               |         |
|-----------------|---------|
|                 | FAM300  |
| <b>M</b>        |         |
| <b>R</b>        | FAR300  |
| <b>W</b>        | FAW300  |
| <b>W</b> PS     | TFAW300 |
| <b>W</b> R-type | RFAW300 |

## UCLA Polishing Protector

- UCLA abutment 로 보철 제작 후 polishing 과정에서 체결부를 보호
- 1.2 hex driver를 이용하여 손 힘으로 체결

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

| C               |          |
|-----------------|----------|
|                 | UPCM100  |
| <b>M</b>        |          |
| <b>R</b>        | UPCR100  |
| <b>W</b>        | UPCW100  |
| <b>W</b> PS     | TUPCW100 |
| <b>W</b> R-type | RUPCW100 |

SmartFit Abutment 2012.05

ZioCera Abutment 2008.06

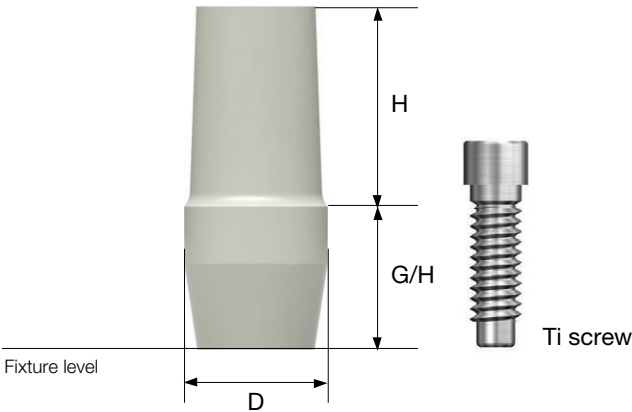


- Cement/combination 유지형 보철 제작용 abutment
- CAD/CAM으로 제작되는 custom abutment
- Fixture level impression
- 제작 기간 (working day 기준)
  - Titanium : 5일
  - Titanium + gold color : 7일
- 1.2 hex driver로 체결
- 권장 조임 토크 : 30Ncm
- Packing unit : abutment + Ti screw



- Cement/combination/screw 유지형 보철 제작용 abutment
- 전치부 all ceramic 보철 제작에 적합한 zirconia 소재
- Fixture level impression
- 1.2 hex driver로 체결
- 권장 조임 토크 : 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code  
: product code + TH (ex : ZAR537TH)



http://Shitak.com

Scan Body

- Titanium SmartFit abutment 제작용 Scan body
- Screw color를 통한 편리한 사양 구분
- 1.2 hex driver로 손 힘으로 체결
- Packing unit : scan body + Ti screw

Scan body + screw order code  
: product code + TH (ex : USSBMTH)

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



| D Ø5.0            | H \ G/H | 3.0    | 5.0    |
|-------------------|---------|--------|--------|
| <b>M</b>          |         |        |        |
| Ti screw : ASM200 |         |        |        |
|                   | 7.0     | ZAM537 | ZAM557 |

| D Ø5.0            | H \ G/H | 3.0    | 5.0    |
|-------------------|---------|--------|--------|
| <b>R</b>          |         |        |        |
| Ti screw : ASR200 |         |        |        |
|                   | 7.0     | ZAR537 | ZAR557 |

| D Ø6.0            | H \ G/H | 3.0    | 5.0    |
|-------------------|---------|--------|--------|
| <b>R</b>          |         |        |        |
| Ti screw : ASR200 |         |        |        |
|                   | 7.0     | ZAR637 | ZAR657 |

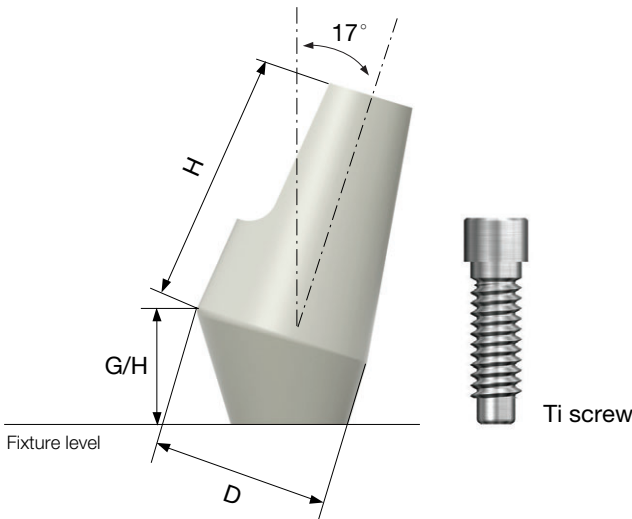
ZioCera Angled Abutment 2008.06

Safe Abutment 2007.09

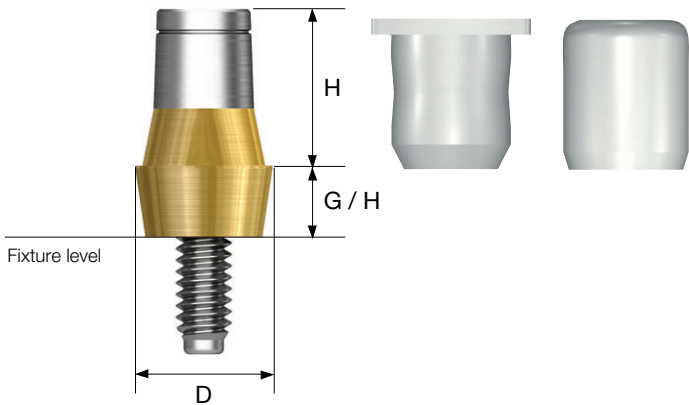


- Cement/combination/screw 유지형 보철 제작용 abutment
- 전치부 all ceramic 보철 제작에 적합한 zirconia 소재
- 23°까지 삭제없이 fixture 식립 각도 보상 가능
- Fixture level impression
- 1.2 hex driver로 체결
- 권장 조임 토크 : 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code  
: product code + TH (ex : ZAAR5173TH)



- Cement 유지형 보철 제작용 abutment
- Screw loosening을 최소화할 수 있는 구조
- Abutment 수정 및 삭제없이 사용
- Fixture/abutment level impression
- 1.2 hex driver로 체결
- 권장 조임 토크 : 30Ncm
- Packing unit : abutment + Ti screw + carrier cap + protect cap



http://Shetak.com

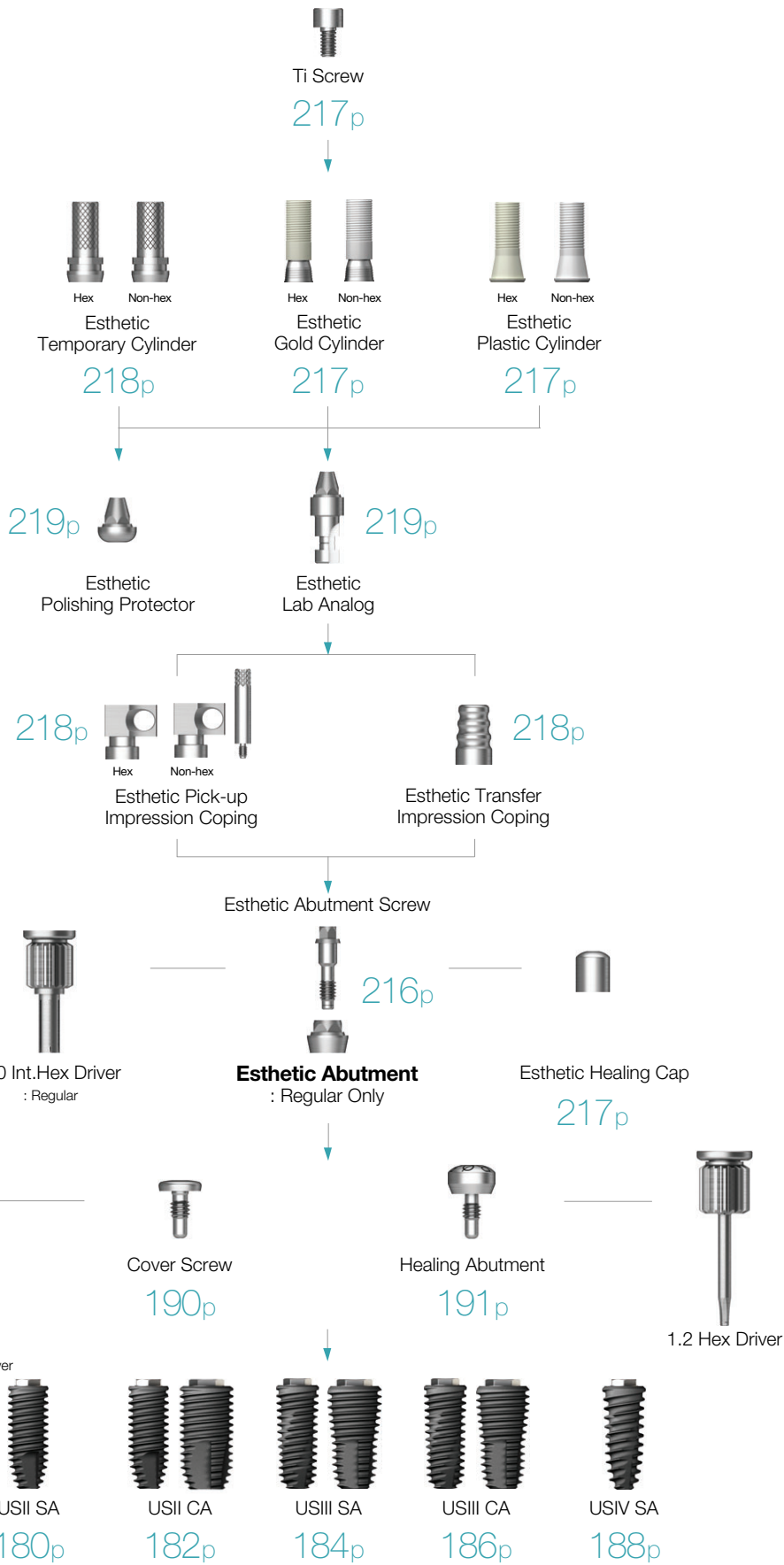
| D Ø5.5            | H \ G/H | 3.0      | D Ø6.5            | H \ G/H | 4.0      |
|-------------------|---------|----------|-------------------|---------|----------|
|                   |         |          |                   |         |          |
| Ti screw : ASR200 |         |          | Ti screw : ASR200 |         |          |
| 9.0               |         | ZAAR5173 | 9.0               |         | ZAAR6174 |

| D Ø4.8 | H \ G/H | 1.0       | 2.5       | 4.0       |
|--------|---------|-----------|-----------|-----------|
|        |         |           |           |           |
|        | 4.0     | SFAR514SC | SFAR524SC | SFAR544SC |
|        | 5.5     | SFAR515SC | SFAR525SC | SFAR545SC |
|        | 7.0     | SFAR517SC | SFAR527SC | SFAR547SC |

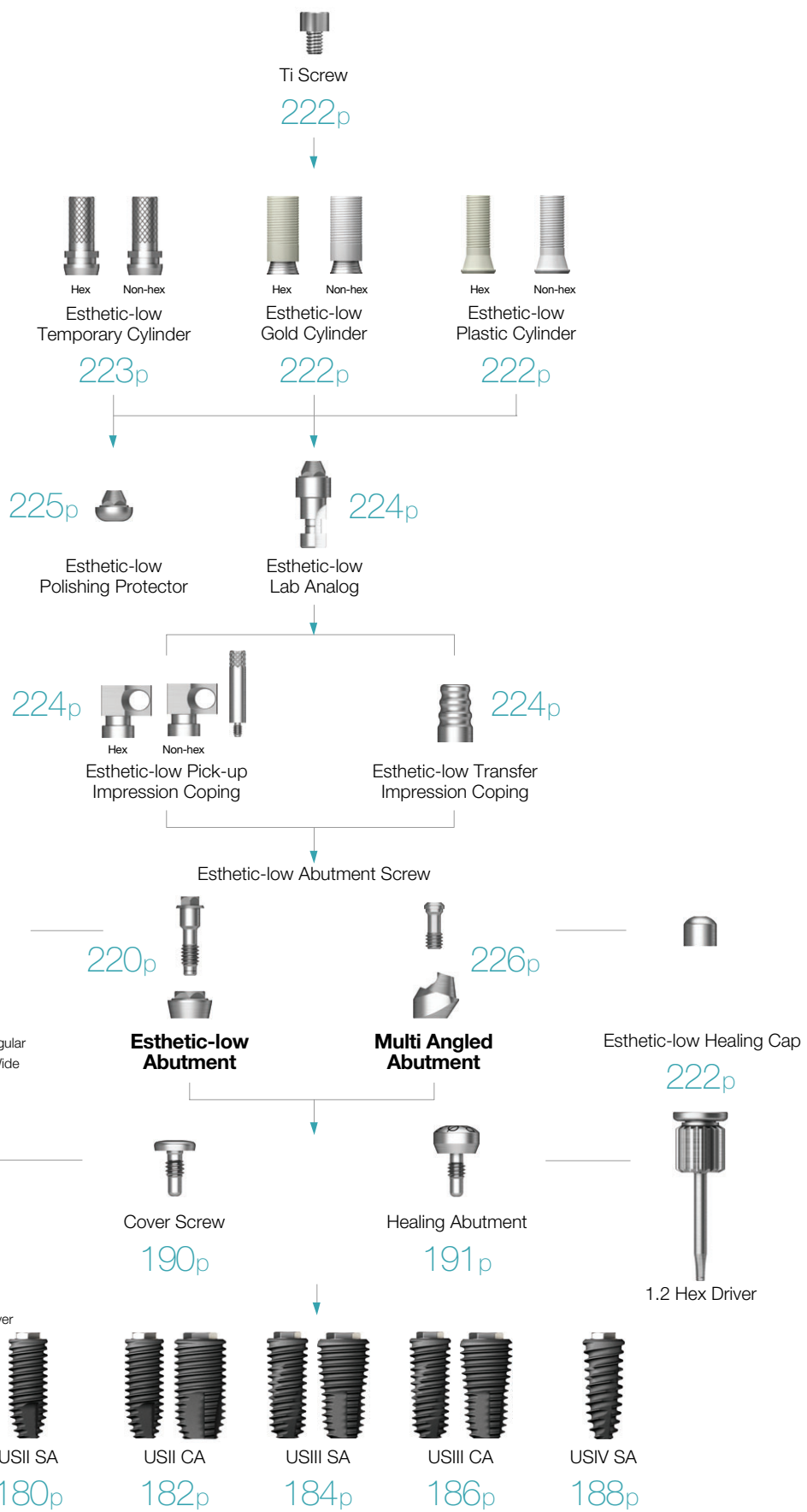
| D Ø6.0 | H \ G/H | 1.0       | 2.5       | 4.0       |
|--------|---------|-----------|-----------|-----------|
|        |         |           |           |           |
|        | 4.0     | SFAW614SC | SFAW624SC | SFAW644SC |
|        | 5.5     | SFAW615SC | SFAW625SC | SFAW645SC |

# Esthetic / Esthetic-low / Multi Angled

Abutment Level Impression



<http://Shitak.com>



US SYSTEM

214

US SYSTEM

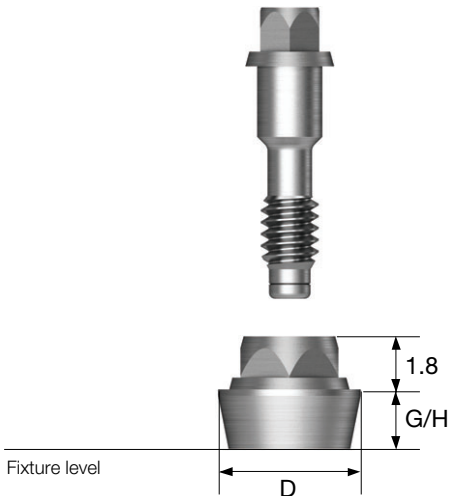
215

Esthetic Abutment 2007.09



- Multiple case에서 screw 유지형 보철 제작에 사용
- 보철물 체결부를 연조직 상방으로 이동
- Abutment level impression
- 최대 30°까지 fixture 식립 각도 보상 가능
- 전용의 outer driver를 이용하여 체결 (code : THD20L/THD20S)
- 권장 조임 토크 : 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code  
: product code + TH (ex : EAR200TH)



D Ø4.8



| G/H | 1.0    | 2.0    | 3.0    | 4.0    |
|-----|--------|--------|--------|--------|
|     |        |        |        |        |
|     | EAR100 | EAR200 | EAR300 | EAR400 |

Esthetic Abutment Components



Esthetic Healing Cap

- Esthetic abutment용 protect cap
- 1.2 hex driver를 이용하여 손 힘으로 체결

R Regular

| D \ H | 6.0    |
|-------|--------|
|       |        |
|       | EHC100 |

Ø4.8

Esthetic Gold Cylinder

- Esthetic abutment에서 screw 유지형 보철 제작에 사용
- Gold 합금으로 casting하여 customize 보철 제작에 사용
- Cylinder 용융 온도 : 1400~1450°C
- 1.2 hex driver로 체결
- 권장 조임 토크 : 20Ncm
- Packing unit : cylinder + Ti cylinder screw

Cylinder + Ti screw order Code  
: product code + TH (ex : EGC200TH)

R Regular

| D \ Type | Hex    | Non-Hex |
|----------|--------|---------|
|          |        |         |
|          | EGC200 | EGC100  |

Ø4.8

Ti screw  
: TS200

Esthetic Plastic Cylinder

- Esthetic abutment에서 screw 유지형 보철 제작에 사용
- 비귀금속 합금으로 casting하여 customize 보철 제작에 사용
- 1.2 hex driver로 체결
- 권장 조임 토크 : 20Ncm
- Packing unit : cylinder + Ti cylinder screw

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

R Regular

| D \ Type | Hex    | Non-Hex |
|----------|--------|---------|
|          |        |         |
|          | EPS200 | EPS100  |

Ø4.8

Ti screw  
: TS200

http://Shetak.com

# Esthetic Abutment Components

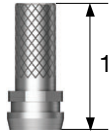


## Esthetic Temporary Cylinder

- Esthetic abutment에서 임시 보철 제작에 사용 (Ti Gr-3)
- 1.2 hex driver로 체결
- 권장 조임 토크 : 20Ncm
- Packing unit : cylinder + Ti cylinder screw

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



| D \ Type            | Hex                                                                                          | Non-Hex                                                                                       |
|---------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Ø 4.8               | <br>ETT200 | <br>ETT100 |
| Ti screw<br>: TS200 |                                                                                              | 12                                                                                            |

## Esthetic Lab Analog

- Esthetic abutment용 lab analog
- 1.2 hex driver를 이용하여 손 힘으로 체결



| D     |                                                                                               |
|-------|-----------------------------------------------------------------------------------------------|
| Ø 4.8 | <br>ERR300 |

## Esthetic Pick-up Impression Coping

- Esthetic abutment용 pick up impression coping
- 1.2 hex driver로 손 힘으로 체결
- Packing unit : impression coping body + guide pin(\*)



| D \ L | Hex                                                                                           | Non-Hex                                                                                       | 10                                                                                           | 15                                                                                             | 17                                                                                             | 20                                                                                             |
|-------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Ø 4.8 | <br>ESR200 | <br>ESR100 | <br>GP100 | <br>GP150* | <br>GP170 | <br>GP200 |

## Esthetic Transfer Impression Coping

- Esthetic abutment용 transfer impression coping
- 1.2 hex driver로 손 힘으로 체결



| D \ H | 8.0                                                                                             |
|-------|-------------------------------------------------------------------------------------------------|
| Ø 4.8 | <br>ETR100 |

## Esthetic Polishing Protector

- Esthetic GoldCast/plastic cylinder로 보철 제작 후 polishing 과정에서 체결부를 보호
- 1.2 hex driver를 이용하여 손 힘으로 체결



| D     |                                                                                                |
|-------|------------------------------------------------------------------------------------------------|
| Ø 4.8 | <br>EPCR100 |

http://Shetak.com

US SYSTEM

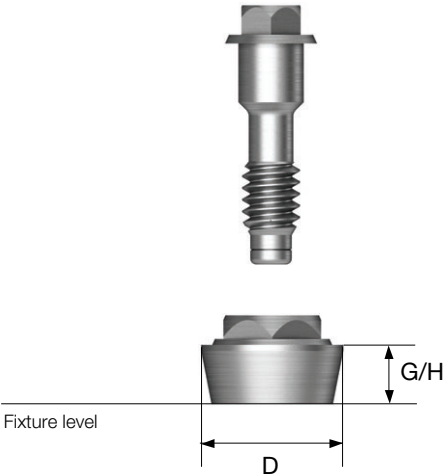
US SYSTEM

Esthetic-low Abutment 2007.09



- Multiple case에서 screw 유지형 보철 제작에 사용
- 보철물 체결부를 연조직 상방으로 이동
- Abutment level impression
- 최대 48°까지 fixture 식립 각도 보상 가능
- 전용의 outer driver를 이용하여 체결
  - Regular : 2.0 internal hex driver (code : TIHD20S/TIHD20L)
  - Wide : 2.7 internal hex driver (code : TIHD27)
- 권장 조임 토크 : 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code  
: product code + TH (ex : MER200TH)



D Ø5.5  
W

| G/H | 1.0    | 2.0    | 3.0    | 4.0    |
|-----|--------|--------|--------|--------|
|     |        |        |        |        |
|     | MEW100 | MEW200 | MEW300 | MEW400 |

D Ø5.5  
W<sup>PS</sup>

| G/H | 1.0     | 2.0     | 3.0     | 4.0     |
|-----|---------|---------|---------|---------|
|     |         |         |         |         |
|     | TMEW100 | TMEW200 | TMEW300 | TMEW400 |

http://Shetak.com

D Ø4.8  
M

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

D Ø4.8  
R

| G/H | 1.0    | 2.0    | 3.0    | 4.0    |
|-----|--------|--------|--------|--------|
|     |        |        |        |        |
|     | MER100 | MER200 | MER300 | MER400 |

Esthetic-low Abutment Components



Esthetic-low Healing Cap

- Esthetic-low abutment 전용 protect cap
- 1.2 hex driver를 이용하여 손 힘으로 체결

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

| D \ H | 6.0                                                                                 |
|-------|-------------------------------------------------------------------------------------|
|       |  |
|       | MHCR100<br>MHCW100                                                                  |

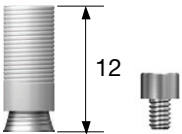
Ø 4.8 / Ø 4.8  
Ø 5.5 / Ø 5.5 PS

Esthetic-low Gold Cylinder

- Esthetic-low abutment에서 screw 유지형 보철 제작에 사용
- Gold 합금으로 casting하여 customize 보철 제작에 사용
- Cylinder 용융 온도 : 1400~1450°C
- 1.2 hex driver로 체결
- 권장 조임 토크 : 20Ncm
- Packing unit : cylinder + Ti cylinder screw

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

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

| D \ Type | Hex                                                                                | Non-Hex                                                                             |
|----------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|          |  |  |
|          | MGR200<br>MGW200                                                                   | MGR100<br>MGW100                                                                    |

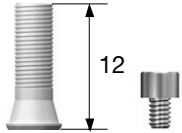
Ø 4.8 / Ø 4.8  
Ø 5.5 / Ø 5.5 PS  
Ti screw  
: MTS200 (Ø 4.8 / Ø 4.8)  
: WTS200 (Ø 5.5 / Ø 5.5PS)

Esthetic-low Plastic Cylinder

- Esthetic-low abutment에서 screw 유지형 보철 제작에 사용
- 비귀금속 합금으로 casting하여 customize 보철 제작에 사용
- 1.2 hex driver로 체결
- 권장 조임 토크 : 20Ncm
- Packing unit : cylinder + Ti cylinder screw

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

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

| D \ Type | Hex                                                                                  | Non-Hex                                                                               |
|----------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|          |  |  |
|          | MEPR200<br>MEPW200                                                                   | MEPR100<br>MEPW100                                                                    |

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

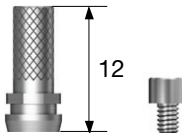
Esthetic-low Temporary Cylinder

Standard Type

- Esthetic-low abutment에서 임시 보철 제작에 사용 (Ti Gr-3)
- 1.2 hex driver로 체결
- 권장 조임 토크 : 20Ncm
- Packing unit : cylinder + Ti cylinder screw

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

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

| D \ Type | Hex                                                                                 | Non-Hex                                                                             |
|----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|          |  |  |
|          | MTR200<br>MTW200                                                                    | MTR100<br>MTW100                                                                    |

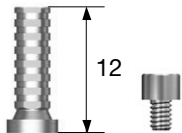
Ø 4.8 / Ø 4.8  
Ø 5.5 / Ø 5.5 PS  
Ti screw  
: MTS200 (Ø 4.8 / Ø 4.8)  
: WTS200 (Ø 5.5 / Ø 5.5PS)

Narrow Type

- Esthetic-low abutment에서 임시 보철 제작에 사용 (Ti Gr-3)
- Standard type 대비 얇은 직경으로 overdenture에 적합
- 1.2 hex driver로 체결
- 권장 조임 토크 : 20Ncm
- Packing unit : cylinder + Ti cylinder screw

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

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

| D \ Type | Hex                                                                                   | Non-Hex                                                                               |
|----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|          |  |  |
|          | NMTR200<br>NMTW200                                                                    | NMTR100<br>NMTW100                                                                    |

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

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Esthetic-low Abutment Components



Esthetic-low Pick-up Impression Coping

- Esthetic-low abutment용 pick up impression coping
- 1.2 hex driver로 손 힘으로 체결
- Packing unit : impression coping body + guide pin(\*)

- M Mini
- R Regular
- W Wide

| D \ L |                                                                                   |                                                                                   | Guide Pin                                                                         |                                                                                     |                                                                                     |                                                                                     |
|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|       | Hex                                                                               | Non-Hex                                                                           | 10                                                                                | 15                                                                                  | 17                                                                                  | 20                                                                                  |
|       |  |  |  |  |  |  |
|       | MSR200<br>MSW200                                                                  | MSR100<br>MSW100                                                                  | GP100<br>GPW100                                                                   | GP150*<br>GPW150*                                                                   | GP170<br>-                                                                          | GP200<br>-                                                                          |

Ø 4.8 / Ø 4.8  
Ø 5.5 / Ø 5.5 PS

Esthetic-low Polishing Protector

- Esthetic-low GoldCast/plastic cylinder로 보철 제작 후 polishing 과정에서 체결부를 보호
- 1.2 hex driver를 이용하여 손 힘으로 체결

- M Mini
- R Regular
- W Wide

Ø 4.8 / Ø 4.8  
Ø 5.5 / Ø 5.5 PS



MPCR100  
MPCW100

Esthetic-low Transfer Impression Coping

- Esthetic-low abutment용 transfer impression coping
- 1.2 hex driver로 손 힘으로 체결

- M Mini
- R Regular
- W Wide

| D \ H | 8.0                                                                                   |
|-------|---------------------------------------------------------------------------------------|
|       |  |
|       | MTTR100<br>MTTW100                                                                    |

Ø 4.8 / Ø 4.8  
Ø 5.5 / Ø 5.5 PS

Esthetic-low Lab Analog

- Esthetic-low abutment용 lab analog
- 1.2 hex driver를 이용하여 손 힘으로 체결

- M Mini
- R Regular
- W Wide

| D |                                                                                       |
|---|---------------------------------------------------------------------------------------|
|   |  |
|   | MERR300<br>MERW300                                                                    |

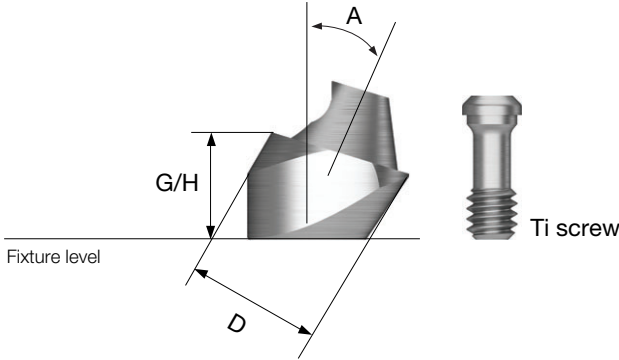
Ø 4.8 / Ø 4.8  
Ø 5.5 / Ø 5.5 PS

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Multi Angled Abutment 2013.01



- Multiple case에서 screw 유지형 보철 제작에 사용
- 최대 108°까지 fixture 식립 각도 보상 가능
- Esthetic low abutment와 동일 platform
- US esthetic low cylinder로 보철 제작 (regular/non-hex)
- 전용의 abutment screw 사용
- 1.2 hex driver로 체결
- 권장 조임 토크 : 20Ncm(mini), 30Ncm(regular)
- Packing unit : abutment + Ti screw



Abutment + Ti screw order code  
: product code + TH (ex : US17MAR4830TH)

US SYSTEM

|        |                         |  |  |             |  |  |
|--------|-------------------------|--|--|-------------|--|--|
| D Ø4.8 | H/G 2.0 3.0 4.0         |  |  | 3.0 4.0 5.0 |  |  |
|        | Angle                   |  |  | 30°         |  |  |
|        | 17°                     |  |  |             |  |  |
|        | US17MAM4820 US17MAM4830 |  |  |             |  |  |

M  
Ti screw : USMABSM

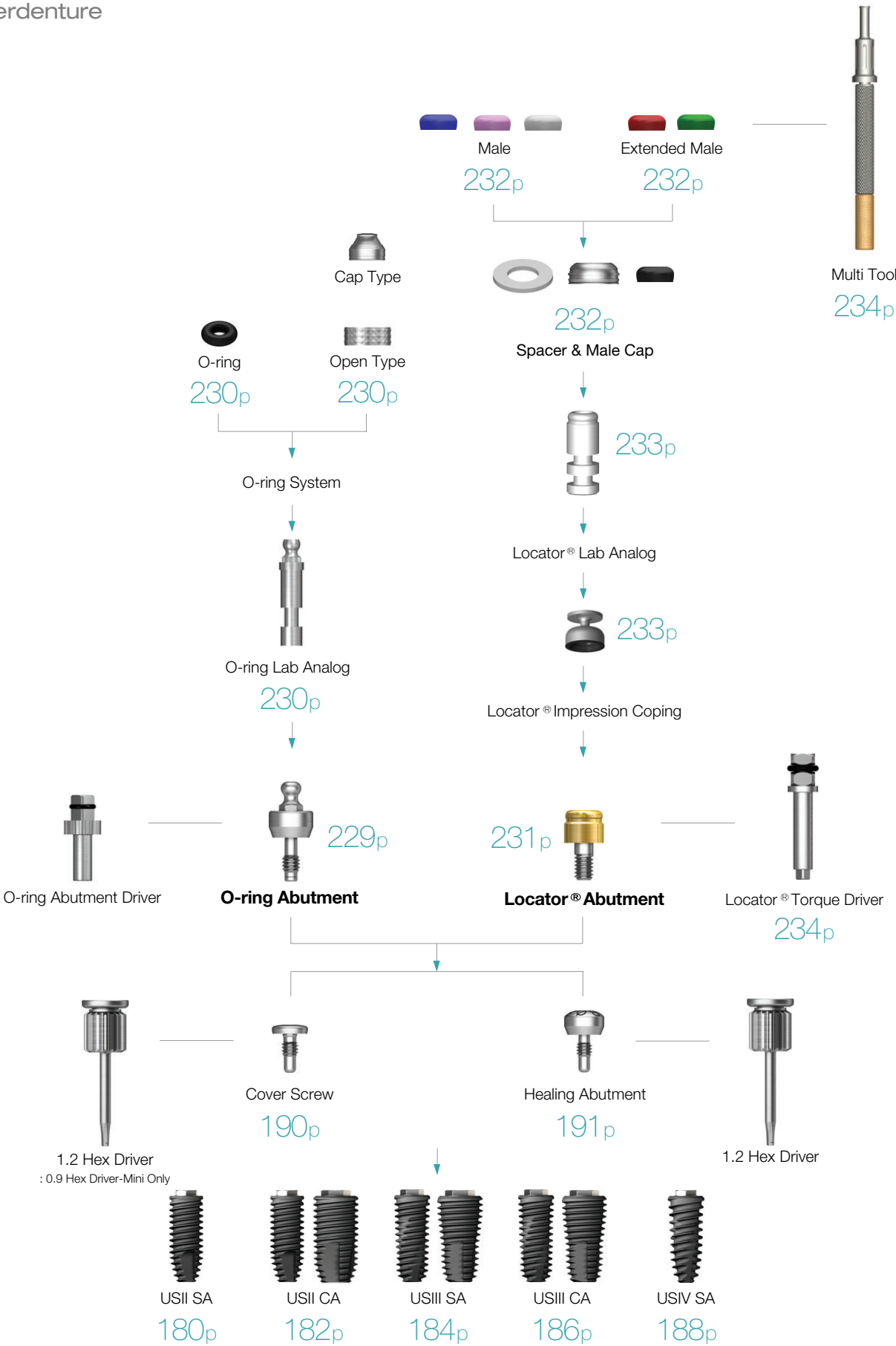
http://Shetak.com



US SYSTEM

|        |                                     |  |  |                                     |  |  |
|--------|-------------------------------------|--|--|-------------------------------------|--|--|
| D Ø4.8 | H/G 2.0 3.0 4.0                     |  |  | 3.0 4.0 5.0                         |  |  |
|        | Angle                               |  |  | 30°                                 |  |  |
|        | 17°                                 |  |  |                                     |  |  |
|        | US17MAR4820 US17MAR4830 US17MAR4840 |  |  | US30MAR4830 US30MAR4840 US30MAR4850 |  |  |

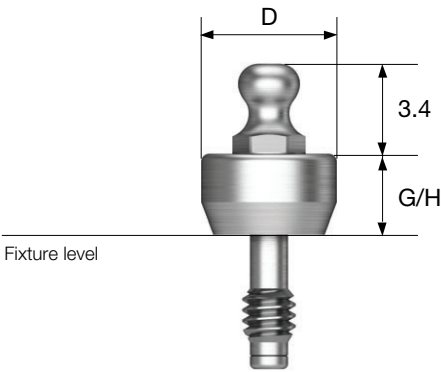
R  
Ti screw : USMABSR



## O-ring Abutment

2007.09

- O-ring attachment를 사용하는 overdenture용 abutment
- 최대 20°까지 식립 각도 보상
- 전용의 outer driver를 이용하여 체결 (code : AORD)
- 권장 조임 토크 : 30Ncm



D Ø5.0  
R

| G/H | 2.0    | 3.0    | 4.0    | 5.0    | 6.0    |
|-----|--------|--------|--------|--------|--------|
|     |        |        |        |        |        |
|     | OAA200 | OAA300 | OAA400 | OAA500 | OAA600 |

D Ø5.6  
W

| G/H | 2.0     | 3.0     | 4.0     | 5.0     | 6.0     |
|-----|---------|---------|---------|---------|---------|
|     |         |         |         |         |         |
|     | OAAW200 | OAAW300 | OAAW400 | OAAW500 | OAAW600 |

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# O-ring Abutment Components

## O-ring Retainer Cap Set

- O-ring abutment용 o-ring attachment
- Metal housing에서 o-ring 교체 사용
- Packing unit : retainer cap + o-ring



## O-ring Retainer Set

- Retainer cap 대비 수직고경이 부족할 경우 사용
- Packing unit : retainer cap + o-ring



## O-ring Set

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



## O-ring Lab Analog

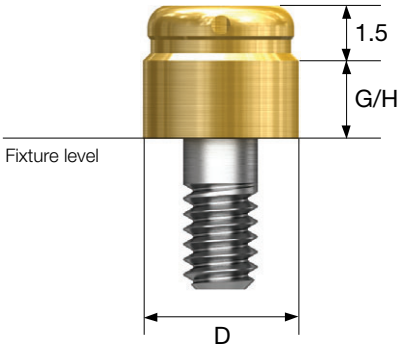
- Stud abutment용 lab analog



# Locator<sup>®</sup> Abutment<sup>2010.01</sup>



- Zest사 정품 US용 locator abutment
- 최대 40°까지 식립 각도 보상
- 1.5mm 낮은 수직 고경, 다양하고 안정적인 유지력의 attachment 구성
- 전용의 outer driver를 이용하여 체결 (code : TWLDLK/TWLDLSK)
- 권장 조임 토크 : 30Ncm



**D Ø3.5**

**M**

| G/H | 1.0        | 2.0        | 3.0        | 4.0        | 5.0        |
|-----|------------|------------|------------|------------|------------|
|     |            |            |            |            |            |
|     | HULCA3510M | HULCA3520M | HULCA3530M | HULCA3540M | HULCA3550M |

**D Ø4.1**

**R**

| G/H | 1.0        | 2.0        | 3.0        | 4.0        | 5.0        |
|-----|------------|------------|------------|------------|------------|
|     |            |            |            |            |            |
|     | HULCA4010R | HULCA4020R | HULCA4030R | HULCA4040R | HULCA4050R |

**D Ø5.0**

**W**

| G/H | 1.0        | 2.0        | 3.0        | 4.0        | 5.0        |
|-----|------------|------------|------------|------------|------------|
|     |            |            |            |            |            |
|     | HULCA5010W | HULCA5020W | HULCA5030W | HULCA5040W | HULCA5050W |

<http://Shi-tak.com>

# Locator® Abutment Components



## Locator® Male Processing Kit

- 구성품
  - Block out spacer / denture cap connected black processing male
  - Replacement male blue/pink/clear
- Case에 따라 적절한 유지력의 male을 선택하여 사용
- Locator core tool을 이용하여 male 교체
- Packing unit : 2set



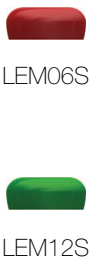
## Locator® Replacement Male

- 유지력 : 약 6N
  - 최대 20°까지 식립 각도 보상
  - Packing unit : 4ea
- 
- 유지력 : 약 12N
  - 최대 20°까지 식립 각도 보상
  - Packing unit : 4ea
- 
- 유지력 : 약 22N
  - 최대 20°까지 식립 각도 보상
  - Packing unit : 4ea



## Locator® Extended Replacement Male

- 유지력 : 약 6N
  - 20°~40°까지 식립 각도 보상
  - Packing unit : 4ea
- 
- 유지력 : 약 12N
  - 20°~40°까지 식립 각도 보상
  - Packing unit : 4ea



## Locator® Black Processing Male

- 보철물 제작 과정에서만 사용하는 male
- Packing unit : 4ea



## Locator® Block Out Spacers

- 구강에서 overdenture와 denture cap을 부착할 때 abutment와 denture cap 사이의 공간 sealing에 사용
- Packing unit : 20ea



## Locator® Impression Coping

- Locator abutment 전용 pick up impression coping
- Closed tray 사용
- Packing unit : 4ea



## Locator® Lab Analog

- Locator abutment 용 lab analog
- Packing unit : 4ea



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# Locator<sup>®</sup> Abutment Components



## Locator<sup>®</sup> Core Tool

- Denture cap에 replacement male을 체결 및 분리시 사용
- 3-piece로 분리되며 locator abutment용 hand driver로도 사용 가능



LCCT

## Locator<sup>®</sup> Torque Driver

- Locator abutment용 torque driver

Type

Short

Long



TWLDSK



TWLDLK