

# Quantum<sup>®</sup>



## Dental Implants

Catalog 2022

# QVS<sup>™</sup> System

## Quality

## Versatility

## Simplicity

“More options, Less cost, High quality”

Quantum BioEngineering Ltd.

201 North University Drive #101

Plantation FL 33324

(954) 474-2556 (954) 474-2533 Fax

(800) 600-4845 Toll Free

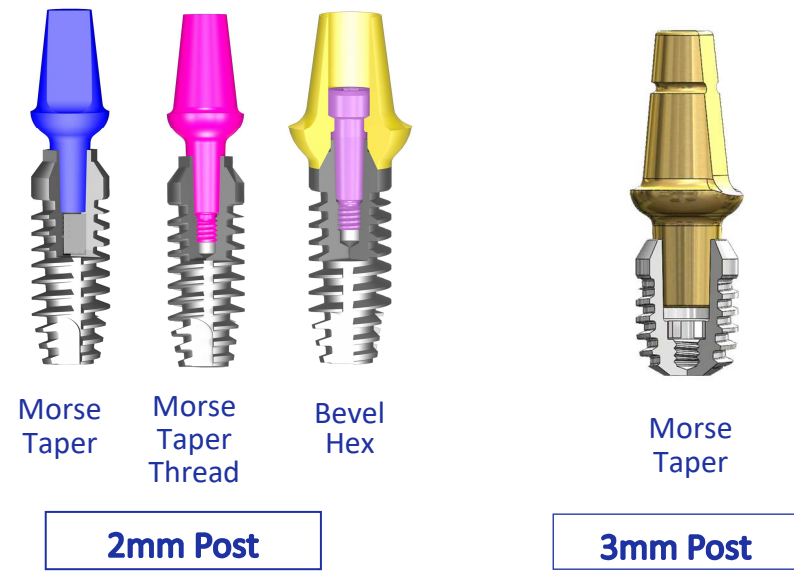
[www.quantumimplants.com](http://www.quantumimplants.com)

[info@quantumimplants.com](mailto:info@quantumimplants.com)



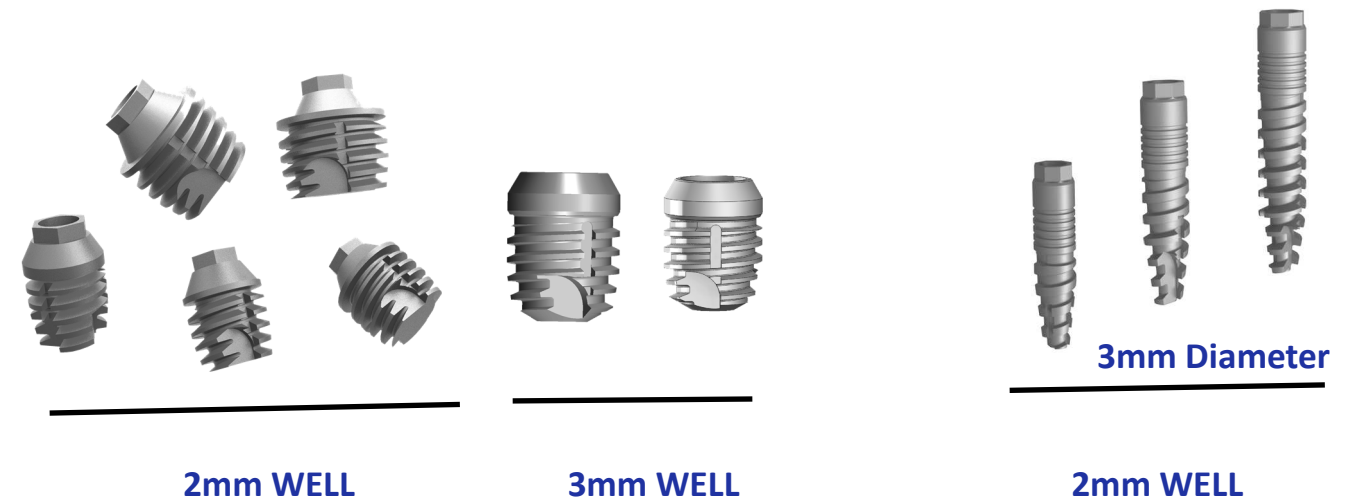


# Index



Thread Implants .....	3
Healing Plugs .....	10
Transfer Posts .....	14
Implant Analogs .....	14
Healing Caps .....	16
C & B Taper Lock Abutments .....	18
C & B Custom Abutments .....	23
QFit Abutments .....	24
O Ring Ball Abutments .....	28
Res-Q Abutment .....	30
Multi-Unit Abutments .....	32
Hex Abutments .....	34
Rapid Mounts .....	38
Carrier .....	42
Sulcus Reamers .....	44
Harvesting Drills .....	46
Surgical/Prosthetic Kits .....	48
Drivers .....	50
Handles .....	52
Surgical/Restorative Accessories .....	54
Uni-Tool .....	55
Abutment Forceps / Handles .....	56
Motors / Handpieces .....	58

# THREAD IMPLANTS



## SHORT-T™

- Ideal for minimal bone height
- Immediate Fixation
- Prevent Micro-Movement
- Place with Thread-In or Push-In techniques
- Minimally invasive procedure
- Eliminate bone grafting procedures
- Avoid nerve injuries
- Prevent damage to vital structures
- Multiple placement & restorative solutions
- Simplify treatment planning
- Increase treatment plan acceptance
- Cost effective
- Minimal inventory required
- Only Short Thread Implant with Locking Taper engagement (True Morse 1.5°)

## SLIM™

- Ideal for narrow ridges :  
Pre-Maxilla & Mandibular anterior areas
- Solution for decreased interproximal spaces
- Avoid bone grafting
- Facilitates Ridge Splitting
- Multiple placement & restorative solutions
- Immediate Fixation prevents Micro-Movement
- Place with Thread-In or Push-In techniques
- Minimally invasive procedures
- Avoid nerve injuries
- Prevent possible damage to vital structures
- Increase case acceptance
- Cost effective
- Only Narrow Thread Implant with Locking Taper engagement (True Morse 1.5°)



## THREAD IMPLANTS



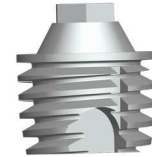
4.0 x 6



4.5 x 6



5.0 x 6



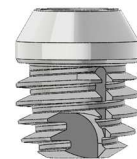
6.0 x 6



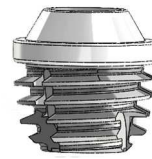
4.0 x 6



4.5 x 6



5.0 x 6



6.0 x 6

### Short-T 2 mm Well

Part Name	Part Number HA
Thread Implant 4.0 x 6	230-140-006 HA
Thread Implant 4.5 x 6	230-145-006 HA
Thread Implant 5.0 x 6	230-150-006 HA
Thread Implant 6.0 x 6	230-160-006 HA

### Short-T 3 mm Well

Part Name	Part Number HA
Thread Implant 4.0 x 6	230-140-006 HA
Thread Implant 4.5 x 6	230-145-006 HA
Thread Implant 5.0 x 6	230-150-006 HA
Thread Implant 6.0 x 6	230-160-006 HA



## THREAD IMPLANTS



3.0 x 9



3.0 x 11



3.0 x 14

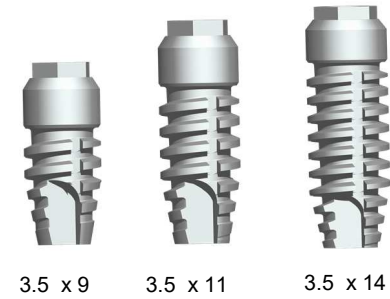
### Slim 2 mm Well

Part Name	Part Number
Thread Implant 3.0 x 9	200-130-009 HA
Thread Implant 3.0 x 11	200-130-011 HA
Thread Implant 3.0 x 14	200-130-014 HA

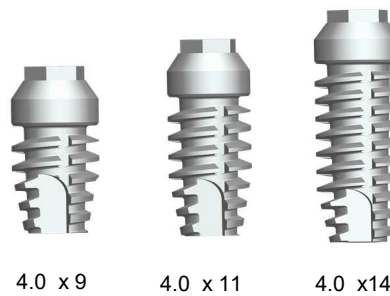
- Quantum Osteosupportive Thread is ideal for a Thread-In technique or a Push-In press fit technique
- The Thread-In technique is an excellent choice for Immediate Fixation and Immediate Loading
- Slim implants are ideal for narrow ridges and
- Narrow Mesio-Distal spaces
- 3 different abutment angulations 0 - 15 - 25 degrees



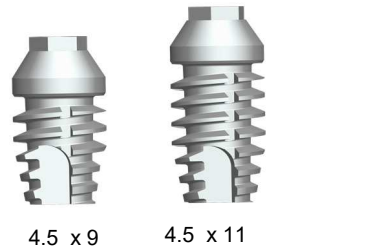
## THREAD IMPLANTS



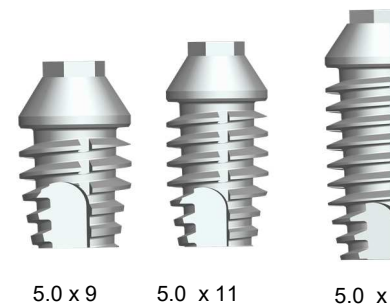
3.5 x 9    3.5 x 11    3.5 x 14



4.0 x 9    4.0 x 11    4.0 x 14



4.5 x 9    4.5 x 11



5.0 x 9    5.0 x 11    5.0 x 14

Summa 2mm Well			
Part Name	Part Number HA	Part Number RBM	Part Number BioTi
Thread Implant 3.5 x 9	200-135-009 HA	200-135-009 RBM	200-135-009 BioTi
Thread Implant 3.5 x 11	200-135-011 HA	200-135-011 RBM	200-135-011 BioTi
Thread Implant 3.5 x 14	200-135-014 HA	200-135-014 RBM	200-135-014 BioTi

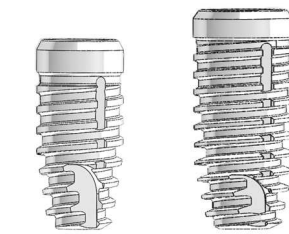
Thread Implant 4.0 x 9	200-140-009 HA	200-140-009 RBM	200-140-009 BioTi
Thread Implant 4.0 x 11	200-140-011 HA	200-140-011 RBM	200-140-011 BioTi
Thread Implant 4.0 x 14	200-140-014 HA	200-140-014 RBM	200-140-014 BioTi

Thread Implant 4.5 x 9	200-145-009 HA	200-145-009 RBM	200-145-009 BioTi
Thread Implant 4.5 x 11	200-145-011 HA	200-145-011 RBM	200-145-011 BioTi

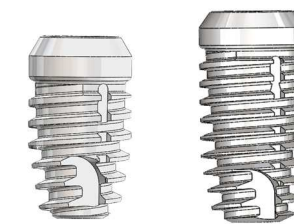
Thread Implant 5.0 x 9	200-150-009 HA	200-150-009 RBM	200-150-009 BioTi
Thread Implant 5.0 x 11	200-150-011 HA	200-150-011 RBM	200-150-011 BioTi
Thread Implant 5.0 x 14	200-150-014 HA	200-150-014 RBM	200-150-014 BioTi



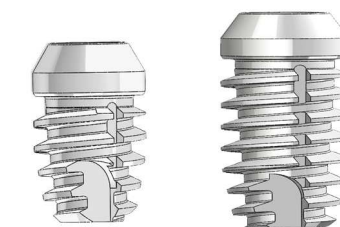
## THREAD IMPLANTS



4.0 x 8    4.0 x 11



4.5 x 8    4.5 x 11



5.0 x 8    5.0 x 11

Magnum 3mm Well	
Part Name	Part Number HA
W3 Thread Implant 4.0 x 8	230-140-008 HA
W3 Thread Implant 4.0 x 11	230-140-011 HA

Part Name	Part Number HA
W3 Thread Implant 4.5 x 8	230-145-008 HA
W3 Thread Implant 4.5 x 11	230-145-011 HA

Part Name	Part Number HA
Thread Implant 5.0 x 8	230-150-008 HA
Thread Implant 5.0 x 11	230-150-011 HA



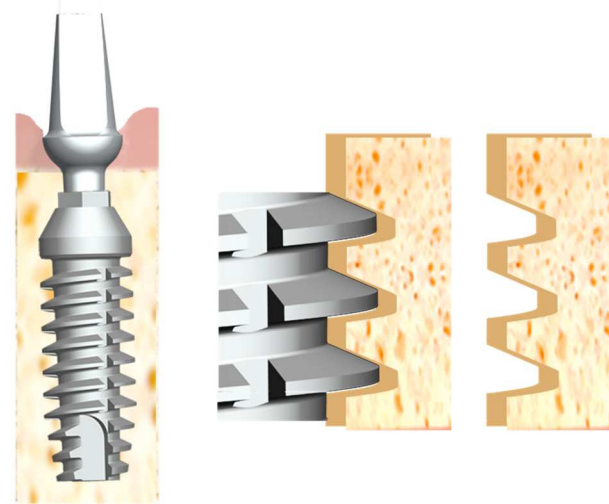


## Morse Taper Abutments No Screws

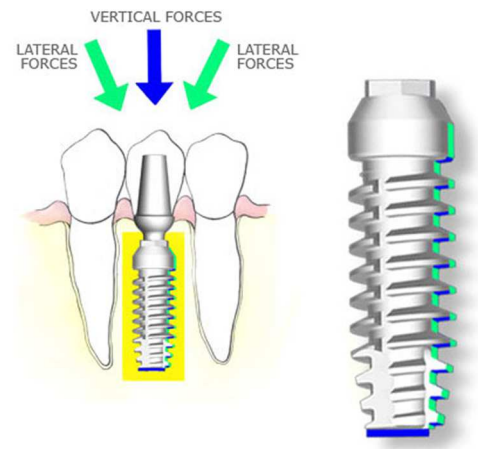
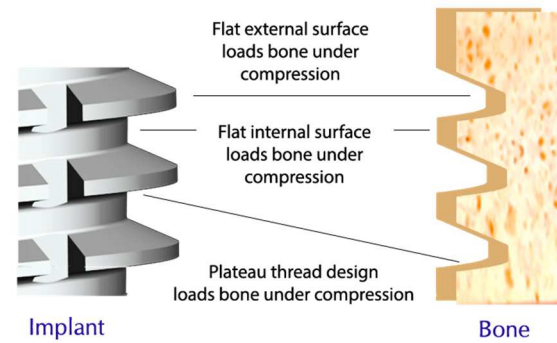


- No fractured screws
- No loose screws
- No need for torque wrenches

## Quantum's Osteosupportive Thread



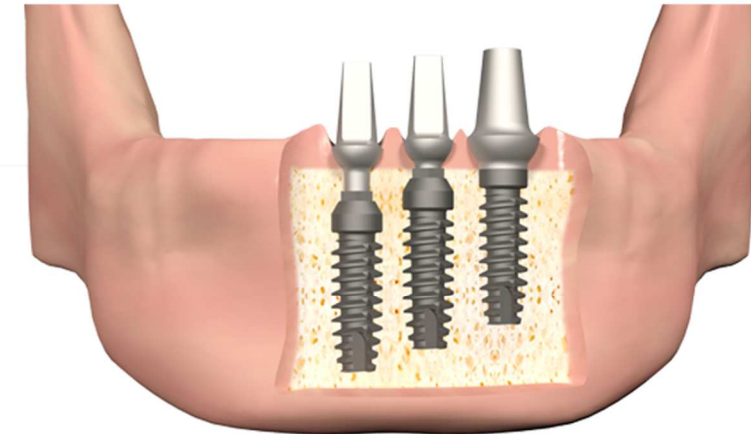
- Immediate Loading
- Immediate Fixation
- Immediate Placement
- More bone surface contact area
- Enough space for the formation of true Haversian Canals
- Prevents Micro-Movement



Osteosupportive Thread decreases stress load of Vertical and Lateral forces on implant and bone

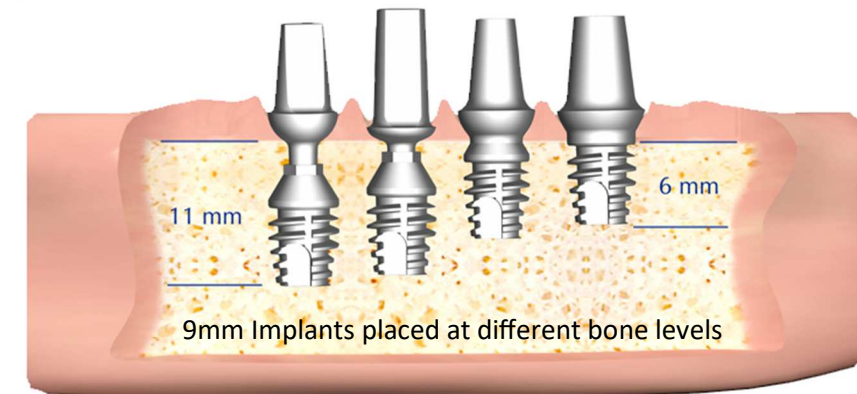


## DIFFERENT BONE LEVELS SAME IMPLANT



### Quantum's Self Tapping Thread Implants

- |                       |                       |
|-----------------------|-----------------------|
| Place:                | Provides:             |
| ■ 2 mm subcrestal     | ■ Immediate Fixation  |
| ■ At the crest        | ■ Immediate Loading   |
| ■ 2 mm supracrestal   | ■ Immediate Placement |
| ■ Anywhere in between |                       |



- SAME 9mm IMPLANT AT DIFFERENT BONE LEVELS:**
- 9 mm length implant placed subcrestal becomes an 11mm implant
  - 9 mm length implant placed at the crest is a 9 mm implant
  - 9 mm length implant placed supracrestal becomes a 6 mm implant

- Only Implant System with variable bone levels using the same implant
- Complete freedom of choice during surgery and the restorative phase
- Available in all Quantum Implants' lengths and diameters
- No other implant company offers you this advantage



## HEALING PLUGS TAPERLOCK ONE STAGE 2mm Well

### Healing Plug TL Abutments One Stage



### Healing Plug TaperLock Thread- Sinus



### Healing Plug TL Abutment Two Stage



Part Name	Part Number
Healing Plug One Stage 5.0 S	005-150-100

Healing Plug One Stage 3.5 R	050-135-100
Healing Plug One Stage 4.0 R	050-140-100
Healing Plug One Stage 5.0 R	050-150-100

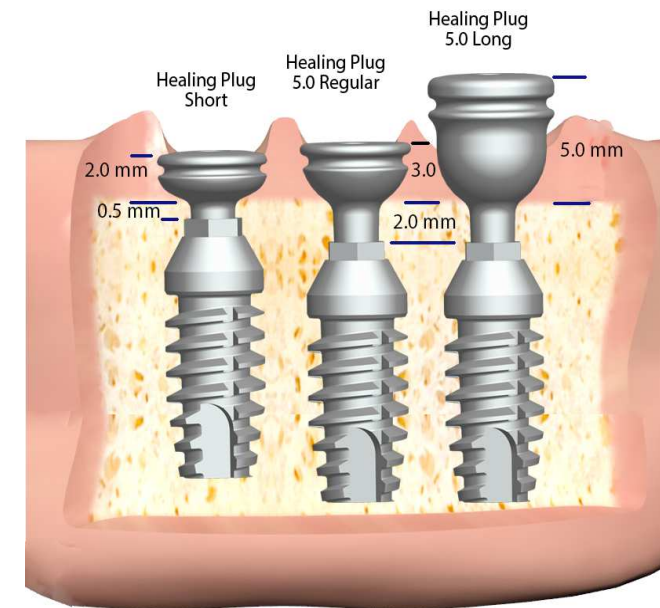
Healing Plug One Stage 3.5 L	500-135-100
Healing Plug One Stage 4.0 L	500-140-100
Healing Plug One Stage 5.0 L	500-150-100

Healing Plug - One Stage 4.0 Si	500-140-101
Healing Plug - One Stage 5.0 Si	500-150-101
Healing Plug - One Stage 6.0 Si	500-160-101

Healing Plug - Two Stage	500-200-100
--------------------------	-------------



## HEALING PLUGS TAPERLOCK ONE STAGE



Sinus HEALING PLUG  
TaperLock Thread

### Restoring With TaperLock Abutments

- Short Healing Plug (005-150-100) - Use when placing the top portion of the implant (hex) level at the crest of the ridge or slightly above. It is universal for all implant diameters.
- Healing Plugs - Regular & Long - Use when the implant is submerged below the crest. Available in 3.5, 4.0, 5.0 mm diameters. Select according the diameter of the TaperLock abutment to be used.
- Regular and Long Healing Plugs are selected according to tissue thickness.

### Sinus Healing Plug

- Sinus Thread TaperLock Healing Plug has a thread at the end, securing it to the implant and allowing for repositioning of the implant if necessary at the time of placement.
- The head has a larger diameter than the implant to prevent the implant from falling into the sinus.





## HEALING PLUGS

### TAPERLOCK ONE STAGE

### 3mm Well

Healing Plug TL Abutments One Stage

5.0 HP 3P S



5.0 HP 3P R



5.0 HP 3P L



Healing Plug TaperLock Thread– Sinus



HP 4.0 SI



HP 5.0 SI



HP 6.0 SI

Healing Plug TL Abutment Two Stage



Part Name	Part Number
Healing Plug One Stage 5.0 3P S	005-150-100-3

Part Name	Part Number
Healing Plug One Stage 5.0 3P R	050-150-100-3

Part Name	Part Number
Healing Plug One Stage 5.0 3P L	500-150-100-3

Part Name	Part Number
Healing Plug - One Stage 4.0 Si 3P	500-140-101-3
Healing Plug - One Stage 5.0 Si 3P	500-150-101-3
Healing Plug - One Stage 6.0 Si 3P	500-160-101-3

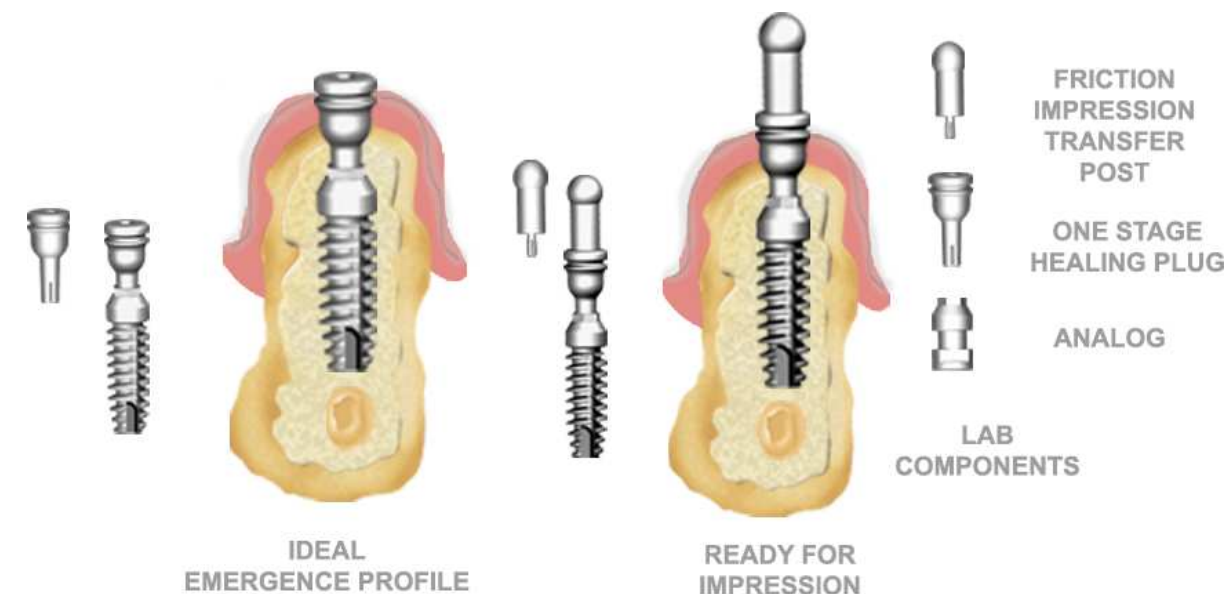
Healing Plug - Two Stage 3P	500-200-100-3
-----------------------------	---------------



## HEALING PLUGS

### Impression with Transfer Post

### Healing Plugs don't need to be removed



#### Impression without removing Healing Plugs (graphic above)

- Pressure-fit transfer post to the Healing Plug and take impression.
- Remove impression, place and assemble Transfer Post with another Healing Plug (same size and dimension as the one in the implant), attach to Analog.
- Insert the above assembly into the impression and pour.
- Short Transfer Post can be used to take bite registration.

(If the retention of the Transfer post needs to be adjusted refer to page 55)

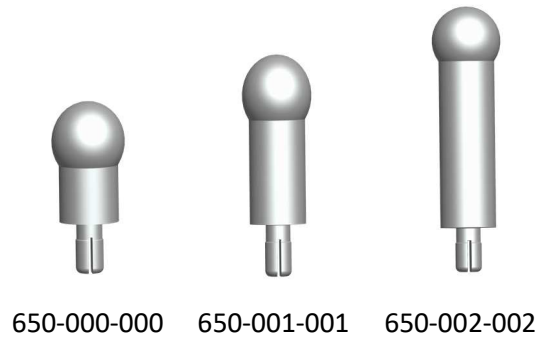
#### Two Different Impression Options

1. Place the selected abutment into the implant and either scan or take impression
2. Place the selected abutment into the implant, take impression, remove the abutment and insert abutment into the impression with an attached analog and pour the impression



## TRANSFER POSTS

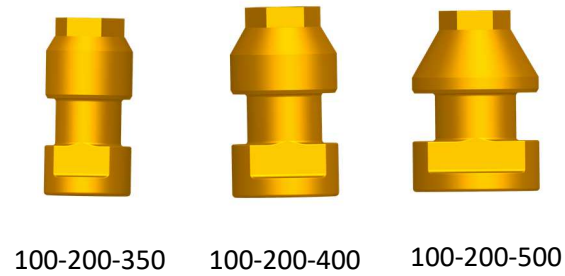
Part Name	Part Number
Transfer Post - One Stage Short .50	650-000-000
Transfer Post - One Stage Regular.50	650-001-001
Transfer Post - One Stage Long .50	650-002-002



**Impression Posts  
Interchangeable with  
2mm Well and 3mm Well**

## IMPLANT ANALOGS W2

Part Name	Part Number
Implant Analog 3.5	100-200-350
Implant Analog 4.0	100-200-400
Implant Analog 5.0	100-200-500



## IMPLANT ANALOG W3

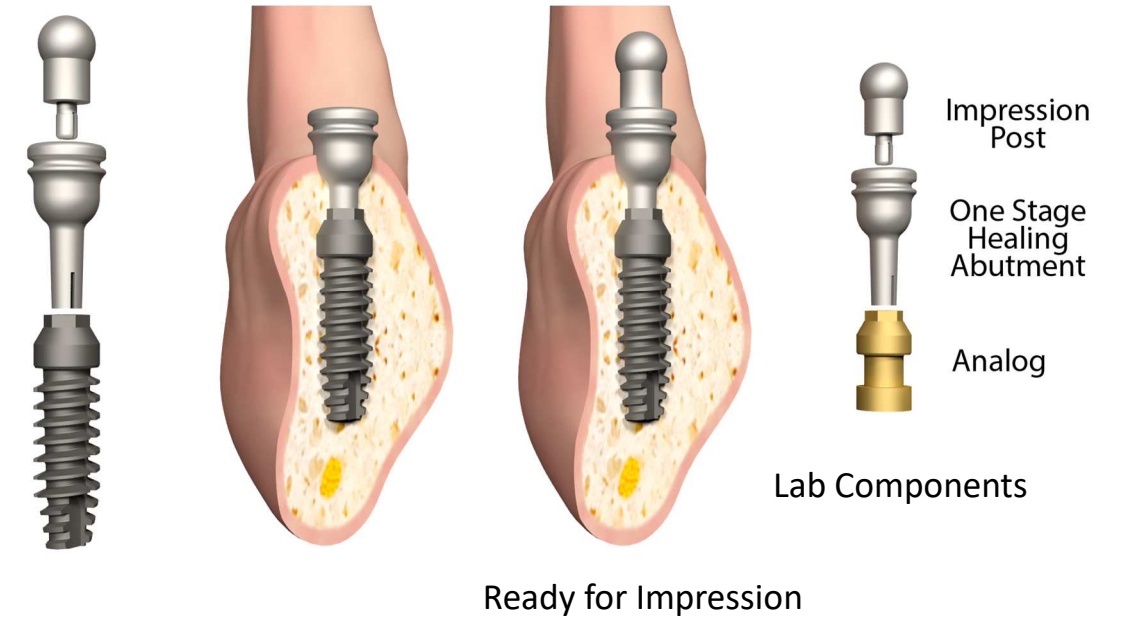
Part Name	Part Number
Implant Analog W3	100-200-145-3W



100-200-145-3W  
Universal Analog



## TRANSFER POSTS



- IMPRESSION WITHOUT REMOVING HEALING PLUGS:**
- Transfer post is pressure fitted into the Healing Plug eliminating screwing it into position
  - Lengths: short, regular, long
  - Use Short Post for bite registration if desired
  - Use to select permanent abutment angulation
  - Adjust the retention of the Transfer Post to the Healing Plug by spreading the tip - See page 55



## HEALING CAPS

FOR HEX ABUTMENTS

2MM

### Healing Caps - Short



006-135-100    006-140-100    006-150-100

Part Name	Part Number
Healing Cap - One Stage 3.5 S	006-135-100
Healing Cap - One Stage 4.0 S	006-140-100
Healing Cap - One Stage 5.0 S	006-150-100

### Healing Caps - Long



600-135-100    600-140-100    600-150-100

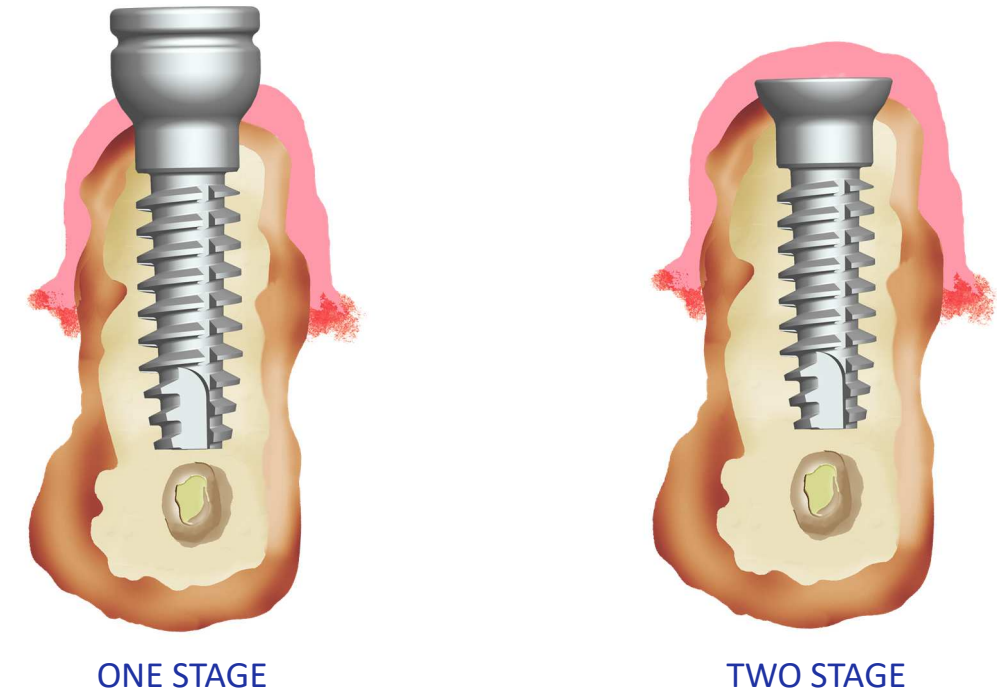
Healing Cap - One Stage 3.5 L	600-135-100
Healing Cap - One Stage 4.0 L	600-140-100
Healing Cap - One Stage 5.0 L	600-150-100



## HEALING CAPS

FOR HEX ABUTMENTS

2MM



ONE STAGE

TWO STAGE

### RESTORING WITH HEX ABUTMENTS

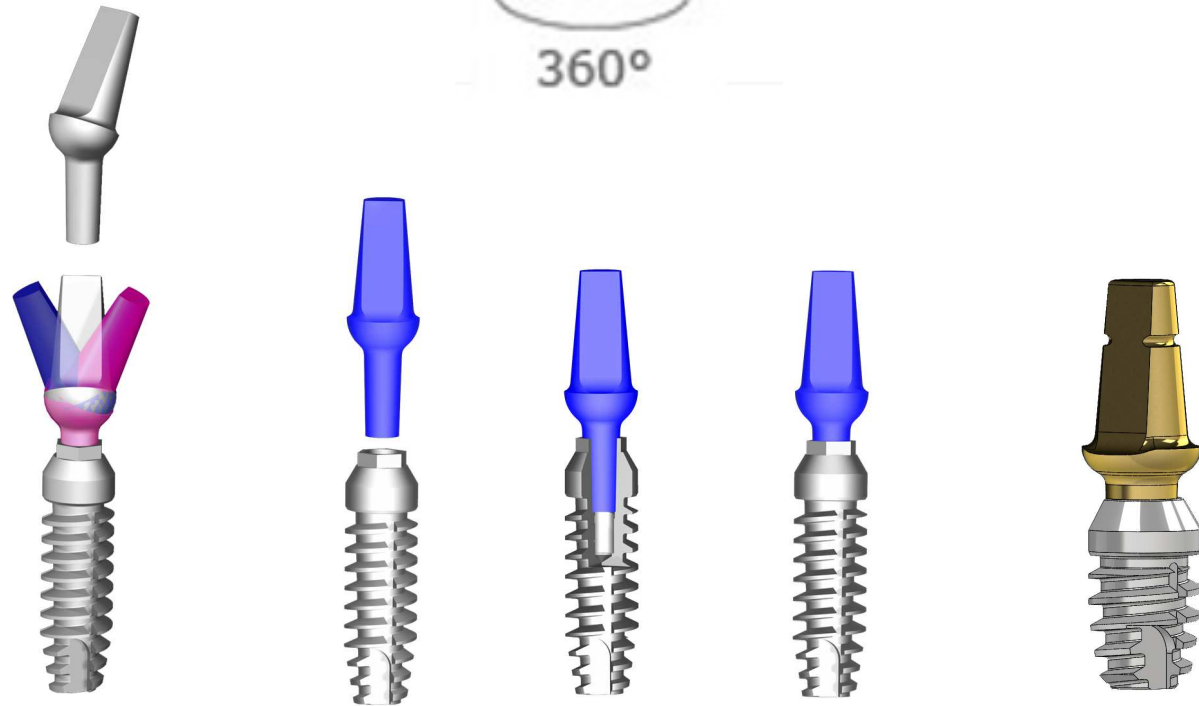
#### ONE & TWO STAGE

- Available in three diameters: 3.5 , 4.0 , 5.0 mm and two lengths: short and long
- Conveniently interchangeable - smaller diameters can be placed on a larger diameter implant
- Ideal for Platform Switching
- Short length can be used for One or Two Stage





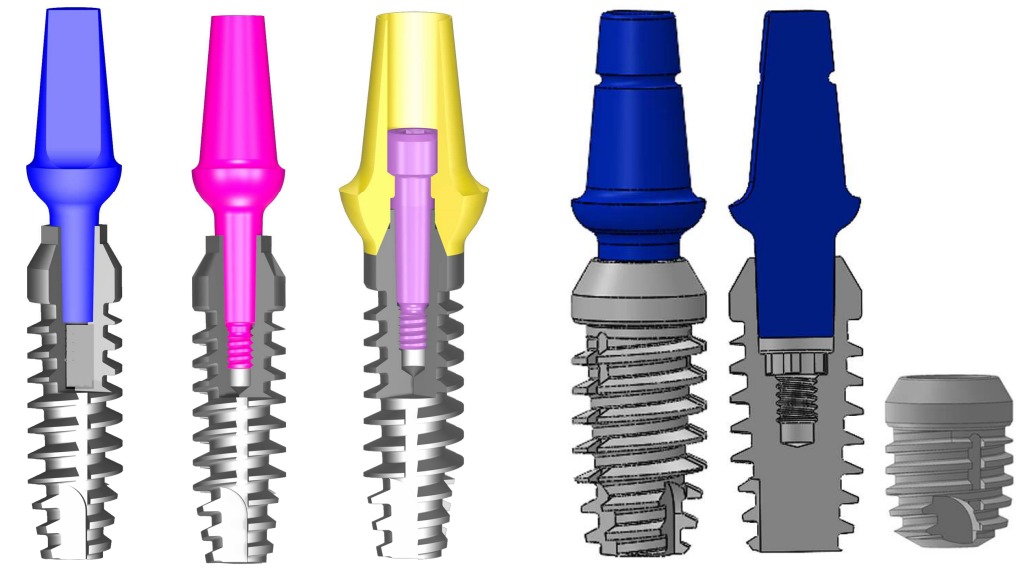
## C & B TAPERLOCK ABUTMENTS



**2mm Post**

**3mm Post**

- Totally interchangeable (any abutment diameter can be placed on any implant size)
- Easy 360° positioning
- Gentle tapping with the concave seating tip engages the abutment to the implant
- To remove abutments, hold the abutment with forceps and gently rotate right and left. Don't apply extraction motion
- Abutments can be prepped and the impression taken chairside like conventional C & B or transferred to a model and custom prepped at the lab



Morse Taper

Morse Taper Thread

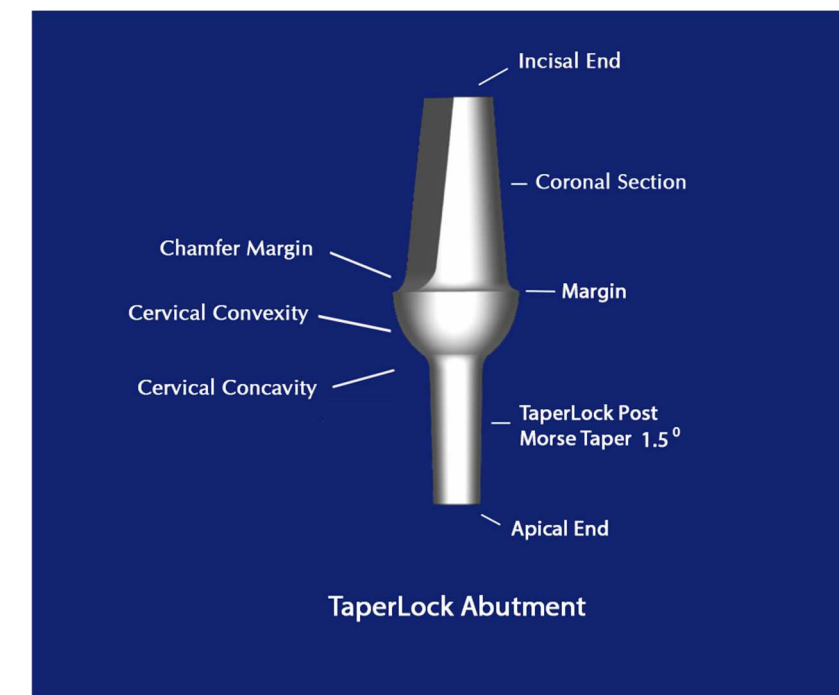
Hex Cervical Contour

Morse Taper

**2mm**

**Post**

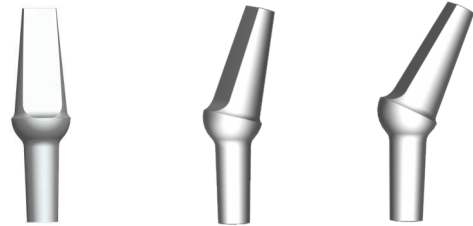
**3mm Post**





## C & B TAPERLOCK ABUTMENTS

### TaperLock - Regular



500-135-000    500-135-015    500-135-025



500-140-000    500-140-015    500-140-025



500-150-000    500-150-015    500-150-025

### TaperLock - Short



500-050-000    500-050-015    500-050-025

2mm Post	
Part Name	Part Number
C-B TaperLock Abutment 3.5 - 0°	500-135-000
C-B TaperLock Abutment 3.5 - 15°	500-135-015
C-B TaperLock Abutment 3.5 - 25°	500-135-025

C-B TaperLock Abutment 4.0 - 0°	500-140-000
C-B TaperLock Abutment 4.0 - 15°	500-140-015
C-B TaperLock Abutment 4.0 - 25°	500-140-025

C-B TaperLock Abutment 5.0 - 0°	500-150-000
C-B TaperLock Abutment 5.0 - 15°	500-150-015
C-B TaperLock Abutment 5.0 - 25°	500-150-025

TaperLock Abutment Short 5.0-0 S	500-050-000
TaperLock Abutment Short 5.0-15 S	500-050-015
TaperLock Abutment Short 5.0-25 S	500-050-025



## C & B TAPERLOCK ABUTMENTS

### TaperLock - Regular



500-150-000-3    500-150-015-3    500-150-025-3

### TaperLock - Short

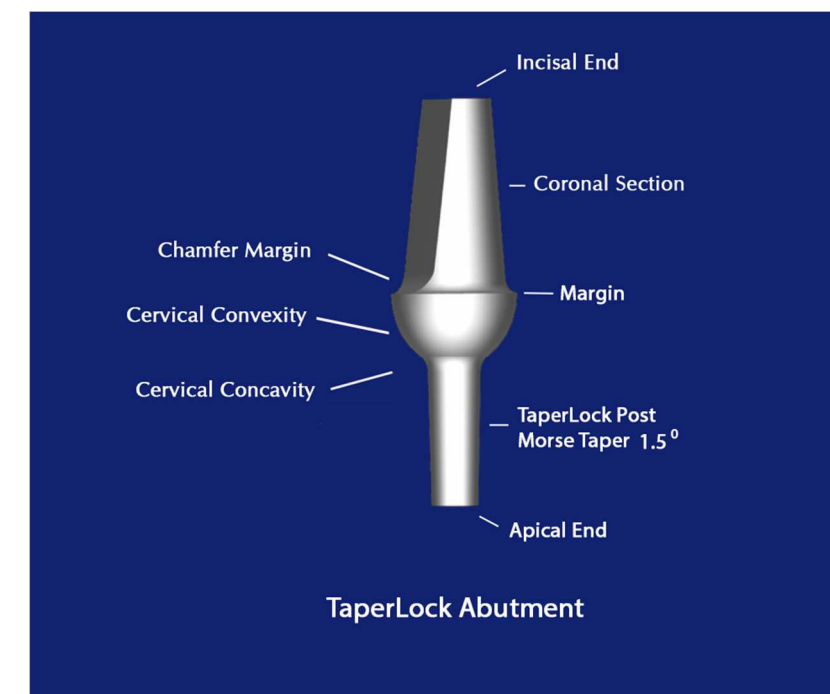


500-050-000-3    500-050-015-3    500-050-025-3

### 3mm Post

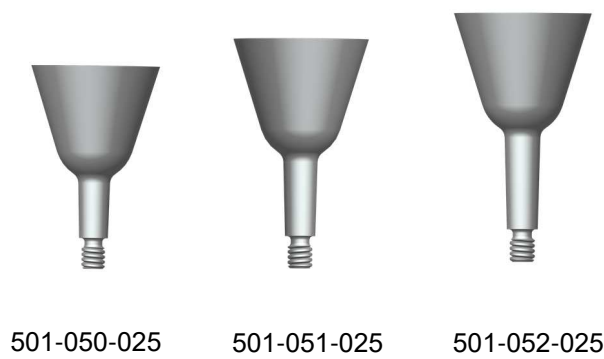
C-B TaperLock Abutment 5.0 - 0° 3P	500-150-000-3
C-B TaperLock Abutment 5.0 - 15° 3P	500-150-015-3
C-B TaperLock Abutment 5.0 25° 3P	500-150-025-3

TaperLock Abutment Short 5.0-0 S 3P	500-050-000-3
TaperLock Abutment Short 5.0-15 S 3P	500-050-015-3
TaperLock Abutment Short 5.0-25 S 3P	500-050-025-3



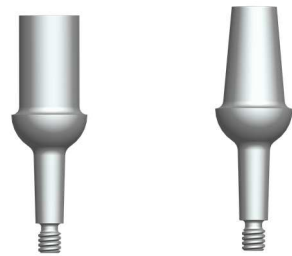


## C & B CUSTOM TAPERLOCK THREAD ABUTMENTS



2mm Post	
Part Name	Part Number
Custom TaperLock Thread Abutment 5.0 - 25° S	501-050-025
Custom TaperLock Thread Abutment 5.0 - 25° R	501-051-025
Custom TaperLock Thread Abutment 5.0 - 25° L	501-052-025

501-050-025    501-051-025    501-052-025



C-B TaperLock Thread Abutment 4.0 - 0° T-R	501-140-001
C-B TaperLock Thread Abutment 4.0 - 0° T-R	501-140-004

501-140-001    501-140-004

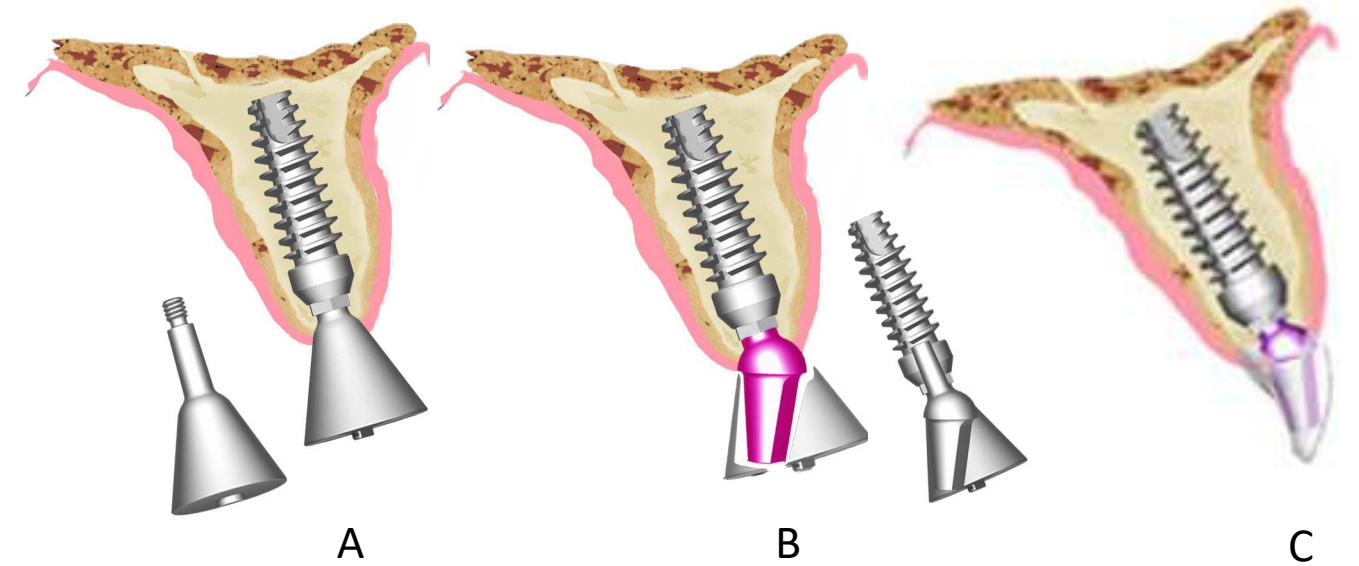


C-B TaperLock Thread Abutment 5.0 - 0° T-S	501-150-000-T
C-B TaperLock Thread Abutment 5.0 - 0° T-R	501-150-001-T
C-B TaperLock Thread Abutment 5.0 - 0° T-L	501-150-002-T

501-150-000-T    501-150-001-T    501-150-002-T



## C & B CUSTOM TAPERLOCK THREAD ABUTMENTS



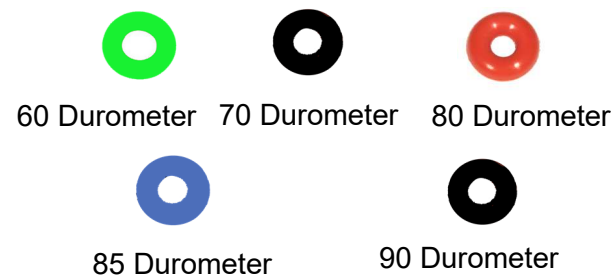
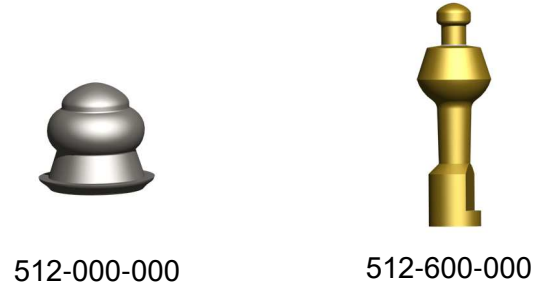
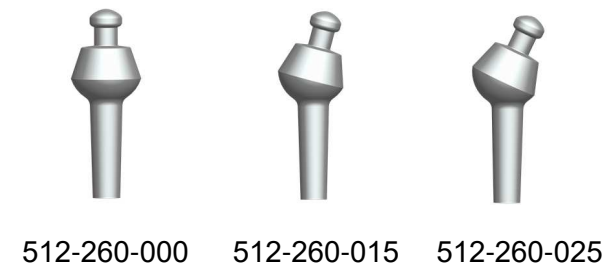
- Place and thread into position with finger pressure or with a torque wrench at 30-32 Newton cm. Retighten after 5 minutes to compensate for metal elongation (any implant system screw should be re-tightened) Fig.A
- Once in position , prep with a carbide burr to the desired angulation and height, like conventional crown and bridge. Fig. B
- Impression or scanning can be done like conventional crown and bridge
- Cement crown to the abutment. Fig. C



**QFit**®

Fixed Full-Arch Implant System  
Individual Fixed Detachable Bridges  
Implanto-Supported  
Screwless - Cementless

2mm Post



Part Name	Part Number
QFit Abutment 0° S	512-060-000
QFit Abutment 15° S	512-060-015
QFit Abutment 25° S	512-060-025

Part Name	Part Number
QFit Abutment 0° R	512-160-000
QFit Abutment 15° R	512-160-015
QFit Abutment 25° R	512-160-025

Part Name	Part Number
QFit Abutment 0° L	512-260-000
QFit Abutment 15° L	512-260-015
QFit Abutment 25° L	512-260-025

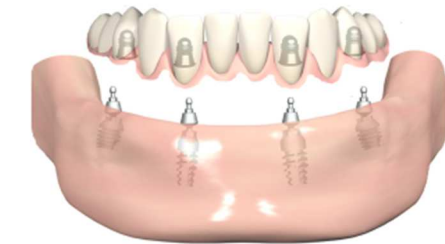
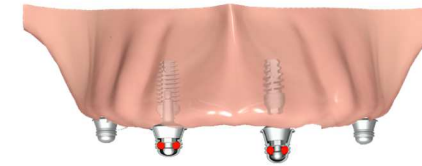
Part Name	Part Number
QFit Retention Coping	512-000-000
QFit Analog	512-600-000

Part Name	Part Number
O Ring Green Soft 60	503-504-000
O Ring Black Soft 70	503-504-001
O Ring Red Med 80	503-504-002
O Ring Blue Hard 85	503-504-003
O Ring Blue Hard 90	503-504-004

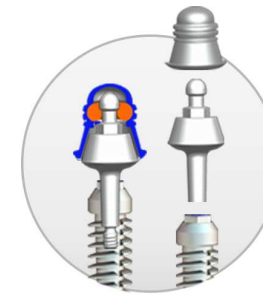


**QFit**®

Fixed Full-Arch Implant System  
Fixed Detachable Bridges  
Implanto-Supported  
Screwless - Cementless



Coping is attached to the bridge



**NOT a BALL ABUTMENT or LOCATOR**



**QFit On 4 - or - 6**

- Conical Retrievable Engagement System
- Practical and effective solution for:
  - Fixed Bridges & Fixed-Removable Bridges
  - Fixed Hybrid & Removable Hybrid
  - Implant supported Overdentures
- Abutments are interchangeable with any implant size
- Conventional or Scanned Impressions
- Impression is taken with the QFit Abutment in position
- Abutment Analog is placed in the impression and poured
- Retention Coping is processed in the prosthesis at the lab or chairside
- Different degrees of retention: 60- 70 - 80 - 85 - 90 Durometers
- If a reinforcement bar is desired, it can be attached to the copings.
- Easy maintenance







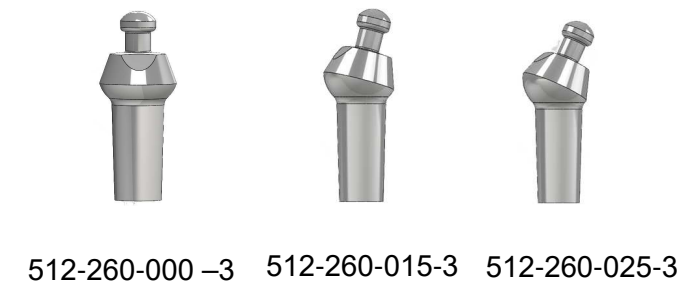
# QFit<sup>®</sup>

## Fixed Full-Arch Implant System

### Individual Fixed Bridges

Screwless - Cementless

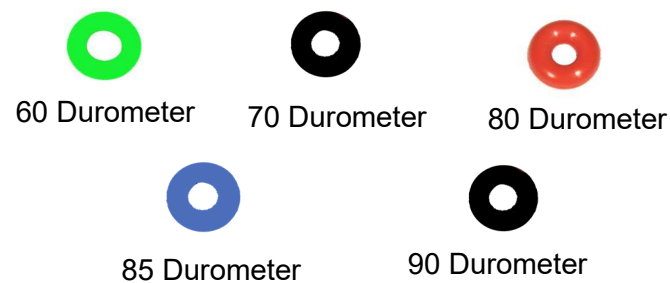
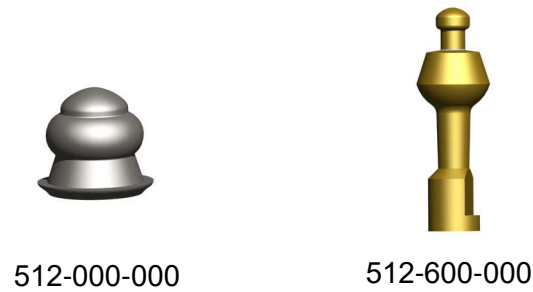
3mm Post



Part Name	Part Number
QFit Abutment 0° S 3P	512-060-000-3
QFit Abutment 15° S 3P	512-060-015-3
QFit Abutment 25° S 3P	512-060-025-3

Part Name	Part Number
QFit Abutment 0° R 3P	512-160-000-3
QFit Abutment 15° R 3P	512-160-015-3
QFit Abutment 25° R 3P	512-160-025-3

Part Name	Part Number
QFit Abutment 0° L 3P	512-260-000-3
QFit Abutment 15° L 3P	512-260-015-3
QFit Abutment 25° L 3P	512-260-025-3



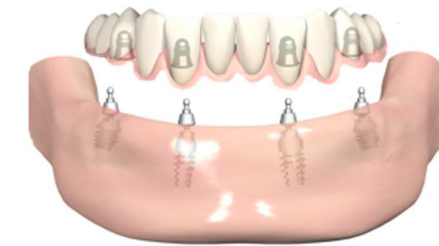
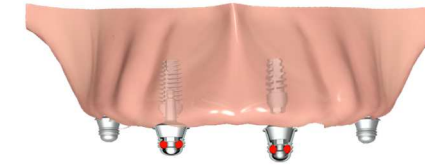
Part Name	Part Number
QFit Retention Coping	512-000-000-3
QFit Analog	512-600-000-3

Part Name	Part Number
O Ring Green Soft 60	503-504-000
O Ring Black Soft 70	503-504-001
O Ring Red Med 80	503-504-002
O Ring Blue Hard 85	503-504-003
O Ring Blue Hard 90	503-504-004

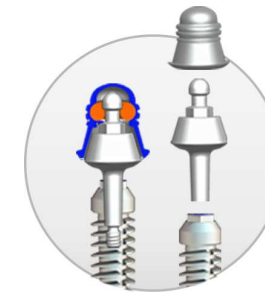


# QFit<sup>®</sup>

## Abutment System



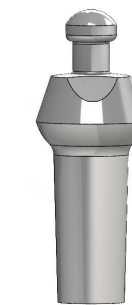
Coping is attached to the bridge



**NOT a BALL ABUTMENT or LOCATOR**

3mm Post

## QFit On 4 - or - 6



- Conical Retrievable Engagement System
- Practical and effective solution for:
  - Fixed Bridges & Fixed-Removable Bridges
  - Fixed Hybrid & Removable Hybrid
  - Implant supported Overdentures
- Abutments are interchangeable with any implant size
- Conventional or Scanned Impressions
- Impression is taken with the QFit Abutment in position
- Abutment Analog is placed in the impression and poured
- Retention Coping is processed in the prosthesis at the lab or chairside
- Different degrees of retention: 60- 70 - 80 - 85 - 90 Durometers
- If a reinforcement bar is desired, it can be attached to the copings.
- Easy maintenance

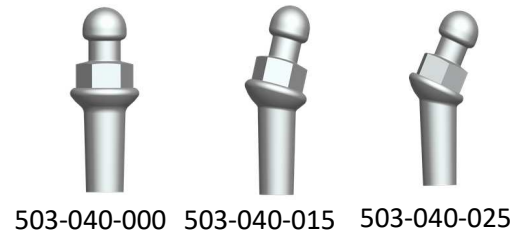






## O-RING ABUTMENT SYSTEM

### O - Ring TaperLock



503-040-000 503-040-015 503-040-025



503-140-000 503-140-015 503-140-025

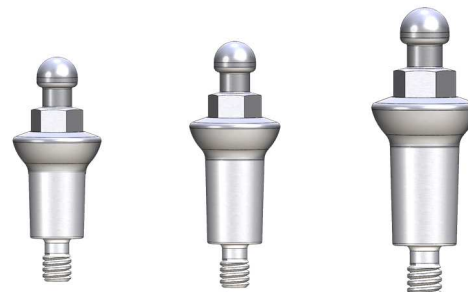


503-240-000 503-240-015 503-240-025

### O Ring TaperLock Thread



503-040-001 503-140-001 503-240-001



503-104-001-3 503-140-001-3 503-240-001-3

2mm Post	
Part Name	Part Number
O-Ring TaperLock Abutment 4.0 - 0° S	503-040-000
O-Ring TaperLock Abutment 4.0 - 15° S	503-040-015
O-Ring TaperLock Abutment 4.0 - 25° S	503-040-025

O-Ring TaperLock Abutment 4.0 - 0° R	503-140-000
O-Ring TaperLock Abutment 4.0 - 15° R	503-140-015
O-Ring TaperLock Abutment 4.0 - 25° R	503-140-025

O-Ring TaperLock Abutment 4.0 - 0° L	503-240-000
O-Ring TaperLock Abutment 4.0 - 15° L	503-240-015
O-Ring TaperLock Abutment 4.0 - 25° L	503-240-025

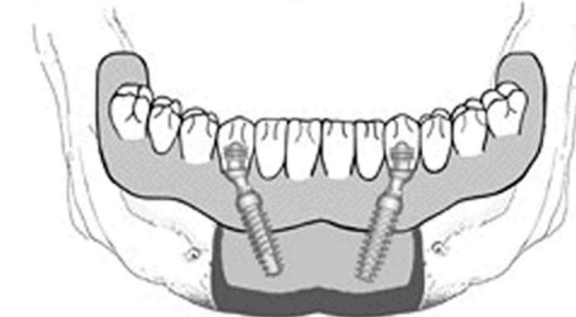
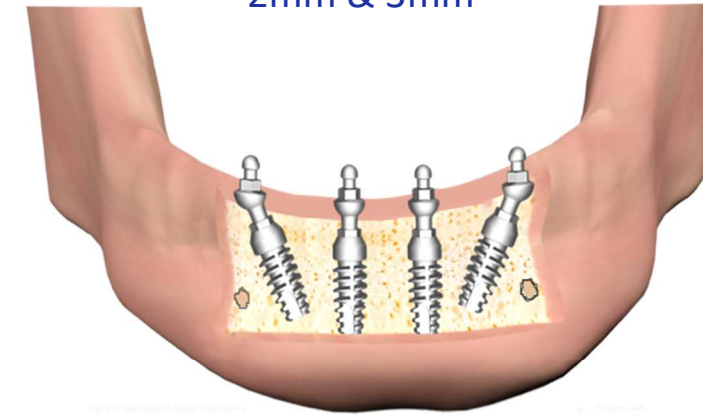
O-Ring TaperLock Thread Abutment 4.0 - 0° S	503-040-001
O-Ring TaperLock Thread Abutment 4.0 - 0° R	503-140-001
O-Ring TaperLock Thread Abutment 4.0 - 0° L	503-240-001

3mm Post	
O-Ring TaperLock Thread Abutment 4.0 - 0° 3 P S	503-040-001 -3
O-Ring TaperLock Thread Abutment 4.0 - 0° 3 P R	503-140-001 -3
O-Ring TaperLock Thread Abutment 4.0 - 0° 3 P L	503-240-001 -3



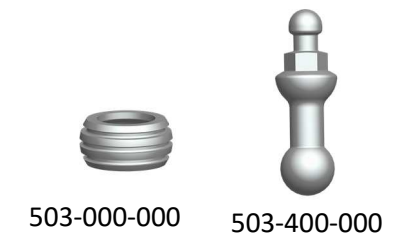
## O-RING ABUTMENT SYSTEM

2mm & 3mm



- Corrects divergence up to 60°
- Easy parallelism- Only System with a 25° O-Ring Abutment
- Receptor/Housing can be placed chairside or at the lab
- Transfer Post serves as Analog
- Impression is taken by injecting light body around the abutment and heavy body in the tray
- Different retentions available

O-Ring Receptor	503-000-000
O-Ring Transfer Analog	503-400-000
Part Name	Part Number
O Ring Green Soft 60	503-504-000
O Ring Black Soft 70	503-504-001
O Ring Red Med 80	503-504-002
O Ring Blue Hard 85	503-504-003
O Ring Blue Hard 90	503-504-004



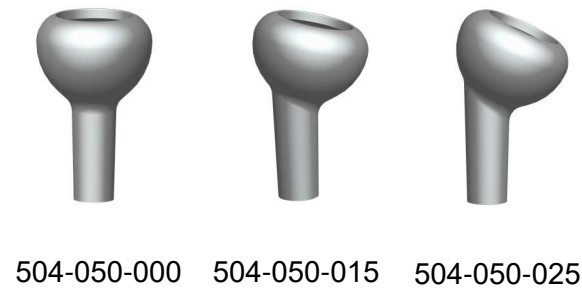
503-000-000 503-400-000

60	70	80	85	90
Durometers				



## RES-Q™ ABUTMENT SYSTEM

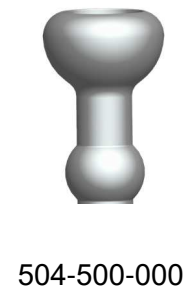
2mm Post



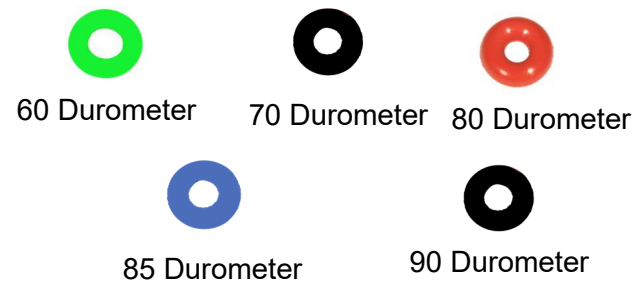
Part Name	Part Number
Res-Q Low Profile TaperLock Abutment, 5.0 - 0° S	504-050-000
Res-Q Low Profile TaperLock Abutment, 5.0 - 15° S	504-050-015
Res-Q Low Profile TaperLock Abutment, 5.0 - 25° S	504-050-025



Res-Q Low Profile Retention Post and Impression Post	504-000-000
--	-------------



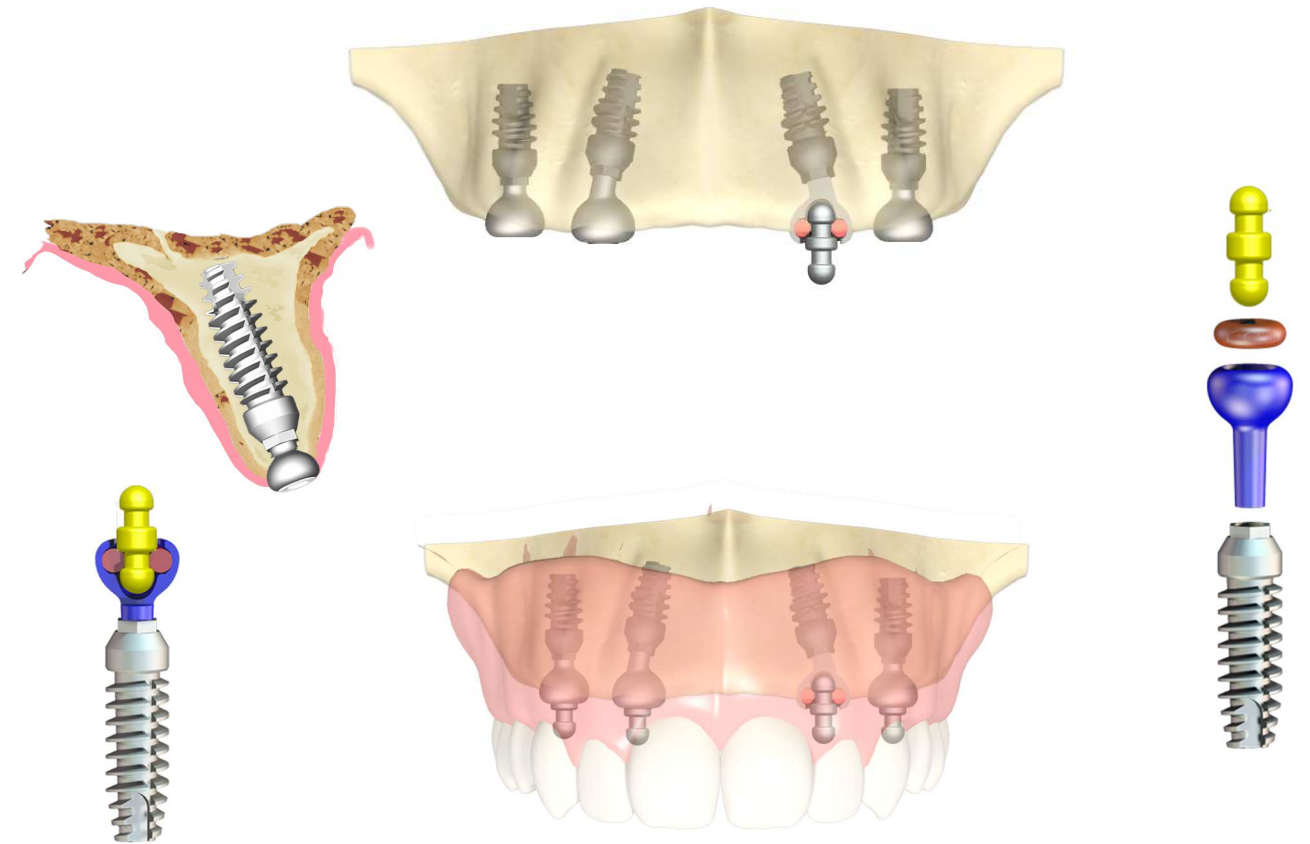
Res-Q Low Profile Transfer Analog	504-500-000
-----------------------------------	-------------



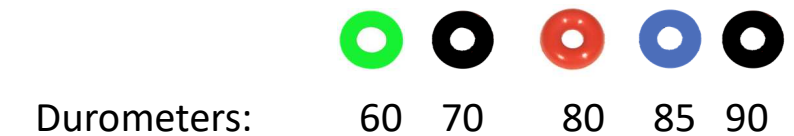
Part Name	Part Number
O Ring Green Soft 60	503-504-000
O Ring Black Soft 70	503-504-001
O Ring Red Med 80	503-504-002
O Ring Blue Hard 85	503-504-003
O Ring Blue Hard 90	503-504-004



## RES-Q™ ABUTMENT SYSTEM



- Low vertical dimension solution with 0°, 15° and 25° angulations
- Ideal for Maxillary Anterior Esthetics
- Place at tissue level in cases with limited vertical dimension
- Retention post is processed into the prosthesis, avoiding the **“Camel Mouth Effect”**
- Retentive portion of the abutment is at tissue level or below
- Insert the retention post in the abutment and take the impression. Transfer the retention post to the analog and pour the impression. Retention Post is processed to the prosthesis at the **lab or chairside**





## Multi-Unit Abutments

Fixed-Detachable Abutment System  
Hybrid-Bar Abutments

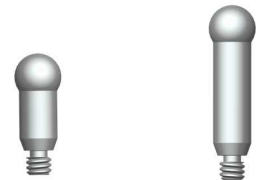
2mm Post



502-140-000 502-140-015 502-140-025



502-240-000 502-240-015 502-240-025



502-001-001 502-002-002



502-041-000 502-044-000 502-044-001



502-400-000

502-000-000

Part Name	Part Number
Removable TaperLock Abutment 4.0 - 0° R	502-140-000
Removable TaperLock Abutment 4.0 - 15° R	502-140-015
Removable TaperLock Abutment 4.0 - 25° R	502-140-025

Removable TaperLock Abutment 4.0 - 0° L	502-240-000
Removable TaperLock Abutment 4.0-15° L	502-240-015
Removable TaperLock Abutment 4.0 - 25° L	502-240-025

Removable Abutment Transfer Screw - R	502-001-001
Removable Abutment Transfer Screw - L	502-002-002

Removable Coping Fixation Screw	502-041-000
Removable Casting Coping 4.0 - 0°	502-044-000
Removable Titanium Coping 4.0 - 0°	502-044-001

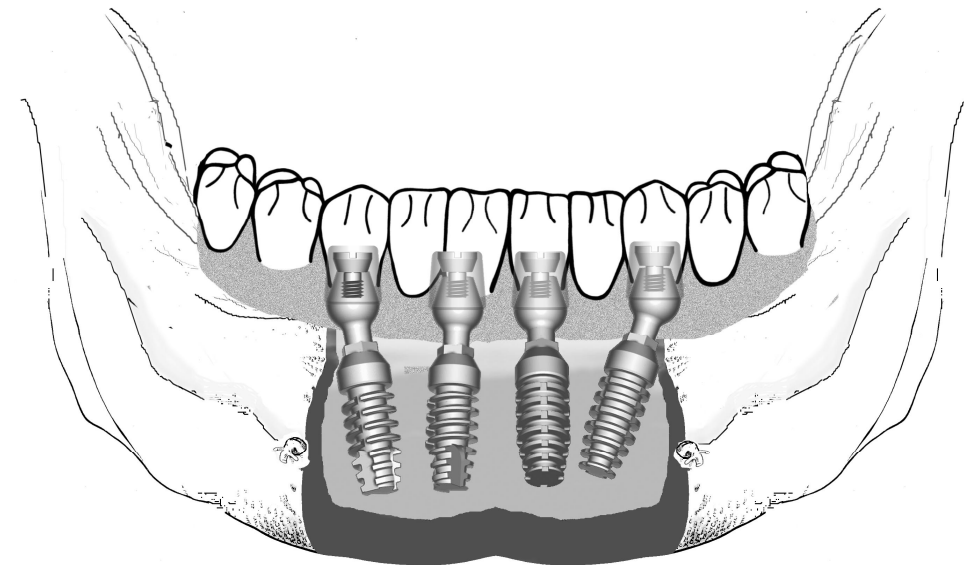
Removable Abutment Analog 4.0 - 0°	502-400-000
------------------------------------	-------------

O-Ring Custom Post	502-000-000
--------------------	-------------

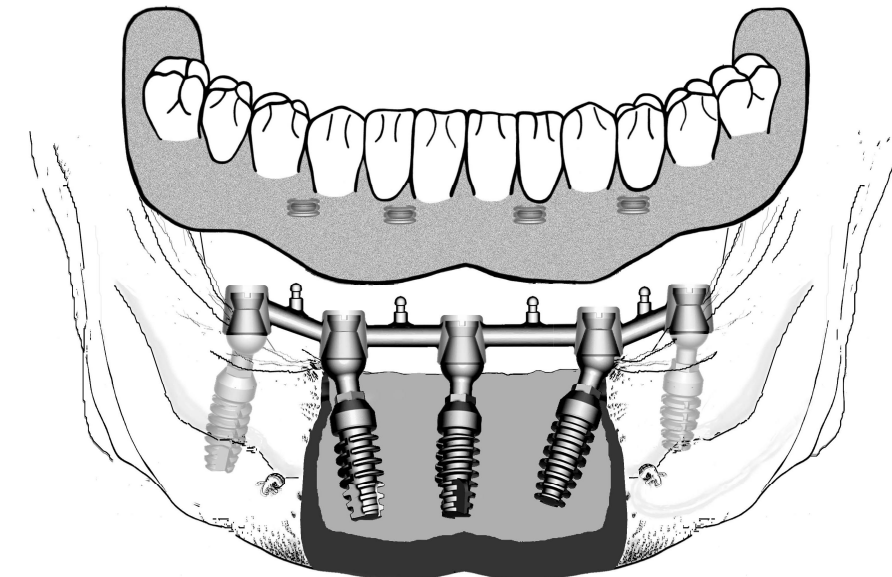


## Multi-Unit Abutments

Fixed-Detachable Abutment System  
Hybrid-Bar Abutments



Hybrid



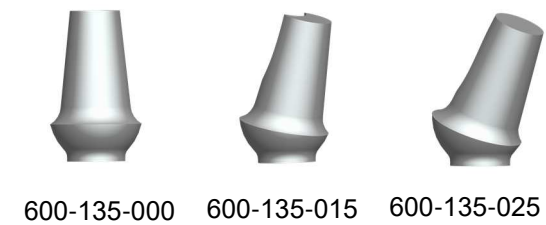
Bar Removable



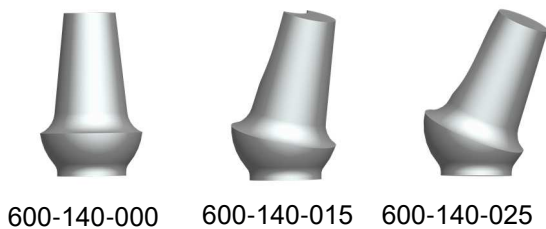


## HEX ABUTMENTS

2mm



600-135-000 600-135-015 600-135-025



600-140-000 600-140-015 600-140-025



600-150-000 600-150-015 600-150-025



600-111-000

Part Name	Part Number
Cervical Contour Bevel Hex Abutment 3.5-0°	600-135-000
Cervical Contour Bevel Hex Abutment 3.5-15°	600-135-015
Cervical Contour Bevel Hex Abutment 3.5-25°	600-135-025

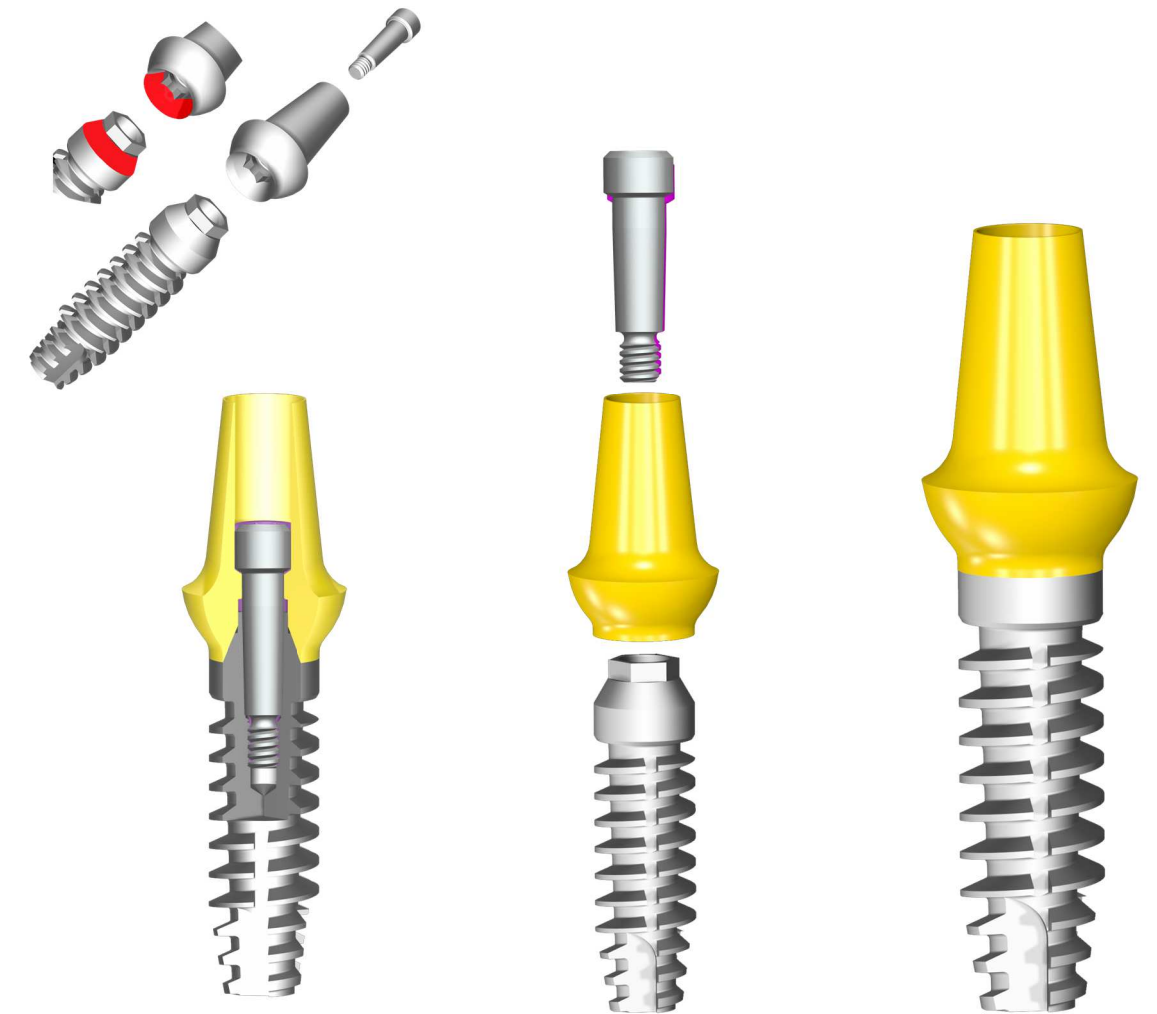
Cervical Contour Bevel Hex Abutment 4.0-0°	600-140-000
Cervical Contour Bevel Hex Abutment 4.0-15°	600-140-015
Cervical Contour Bevel Hex Abutment 4.0-25°	600-140-025

Cervical Contour Bevel Hex Abutment 5.0-0°	600-150-000
Cervical Contour Bevel Hex Abutment 5.0-15°	600-150-015
Cervical Contour Bevel Hex Abutment 5.0-25°	600-150-025

Hex Abutment Locking Screw	600-111-000
----------------------------	-------------



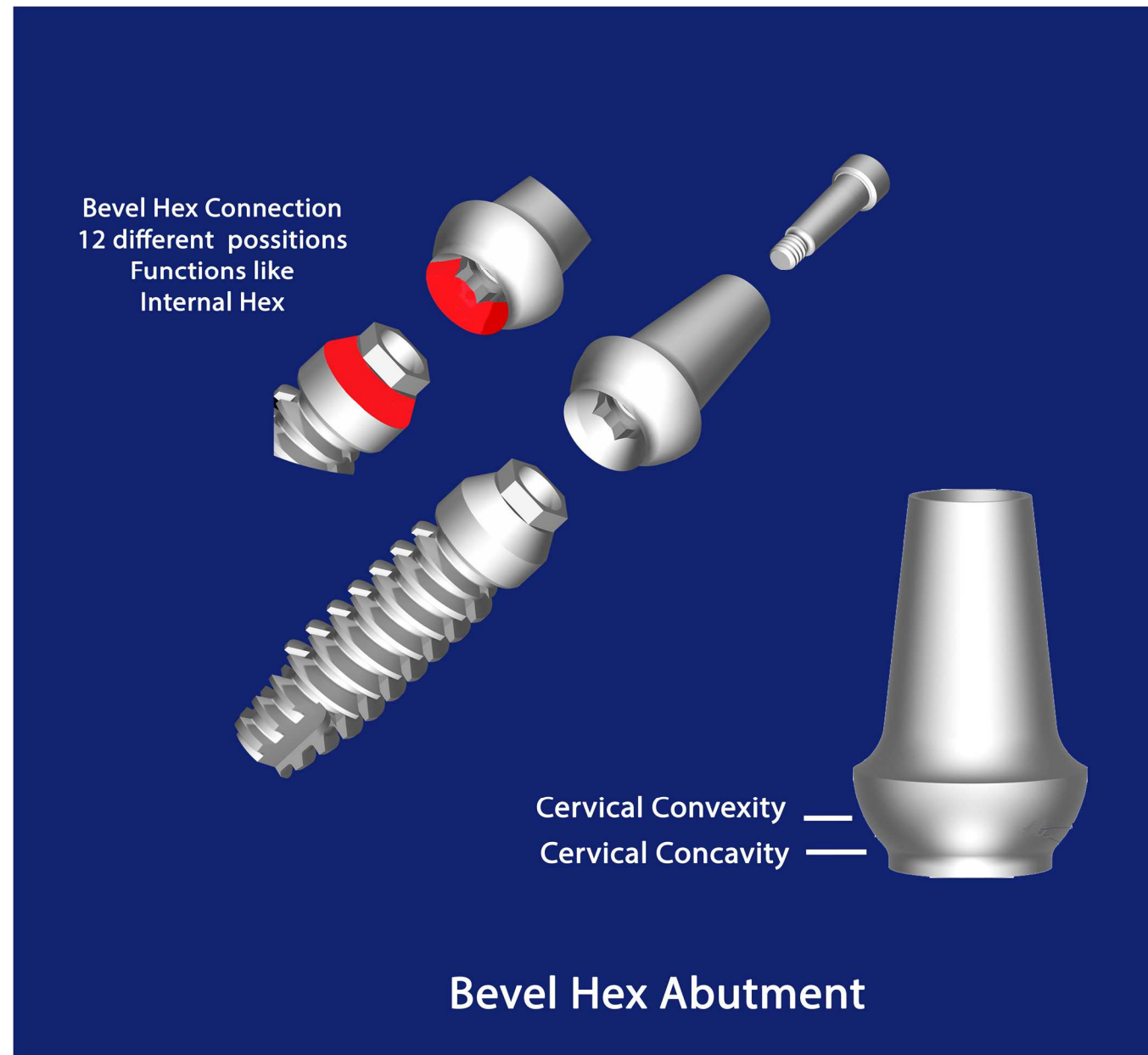
## HEX ABUTMENTS



- Functions as an internal Hex
- Small diameter abutments fit larger diameter implants
- True Platform Switching
- Cervicality— Esthetic benefit
- Unique 12 different positions



## Bevel Hex Abutments



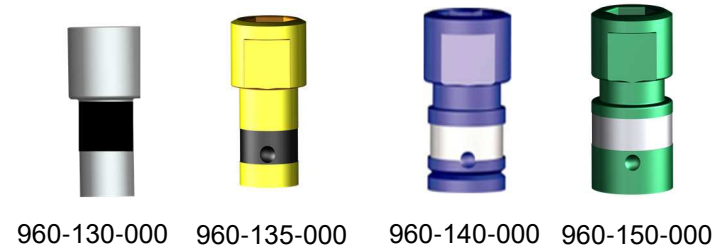
## Bevel Hex Abutments

- The Bevel Hex connection functions as an internal hex
- Abutments have double hex providing for 12 different engagement positions
- Offers the benefits of the internal hex as well as the benefits of the external hex
- Abutments with a smaller diameter than the implant can provide a true Platform Switch
- Allows to submerge the implanto-abutment connection below the crest of the ridge
- Cervicality - Better esthetics as well as benefiting papilla and gingival health

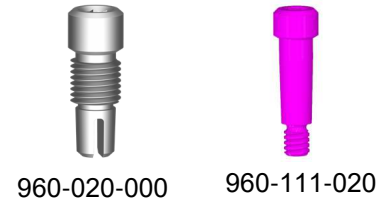




## RAPID MOUNTS 2mm Post



960-130-000 960-135-000 960-140-000 960-150-000



960-020-000 960-111-020

Part Name	Part Number
Rapid 3.0	960-130-000
Rapid 3.5	960-135-000
Rapid 4.0	960-140-000
Rapid 5.0	960-150-000

Rapid Lock	960-020-000
Rapid Screw	960-111-020

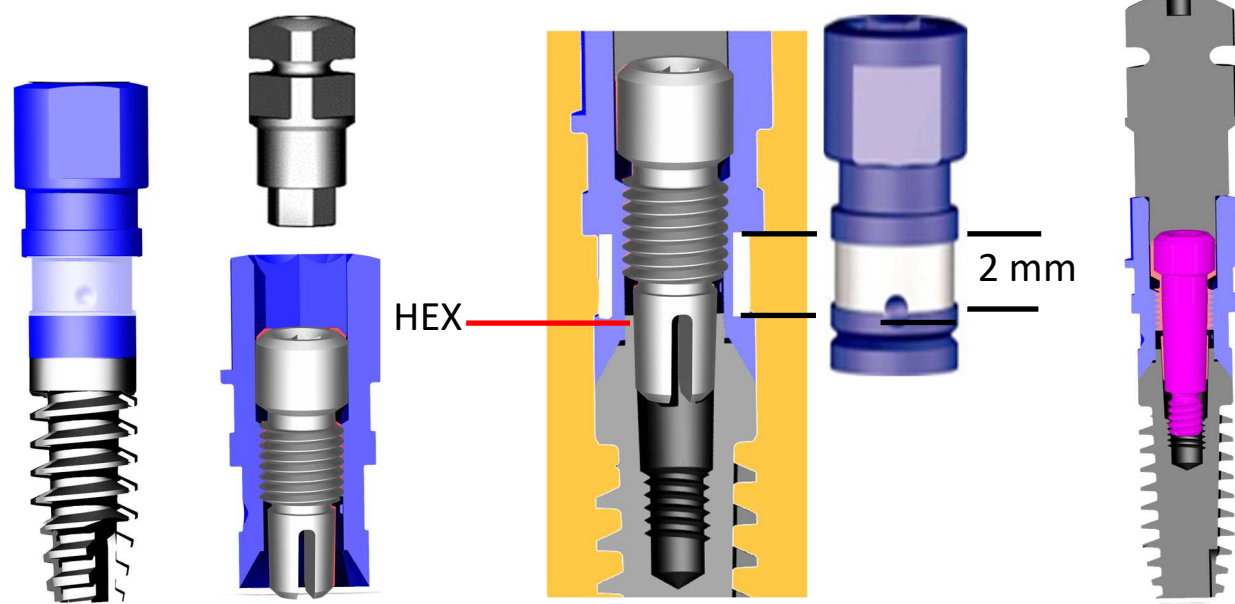


Fig. 1

Fig. 2

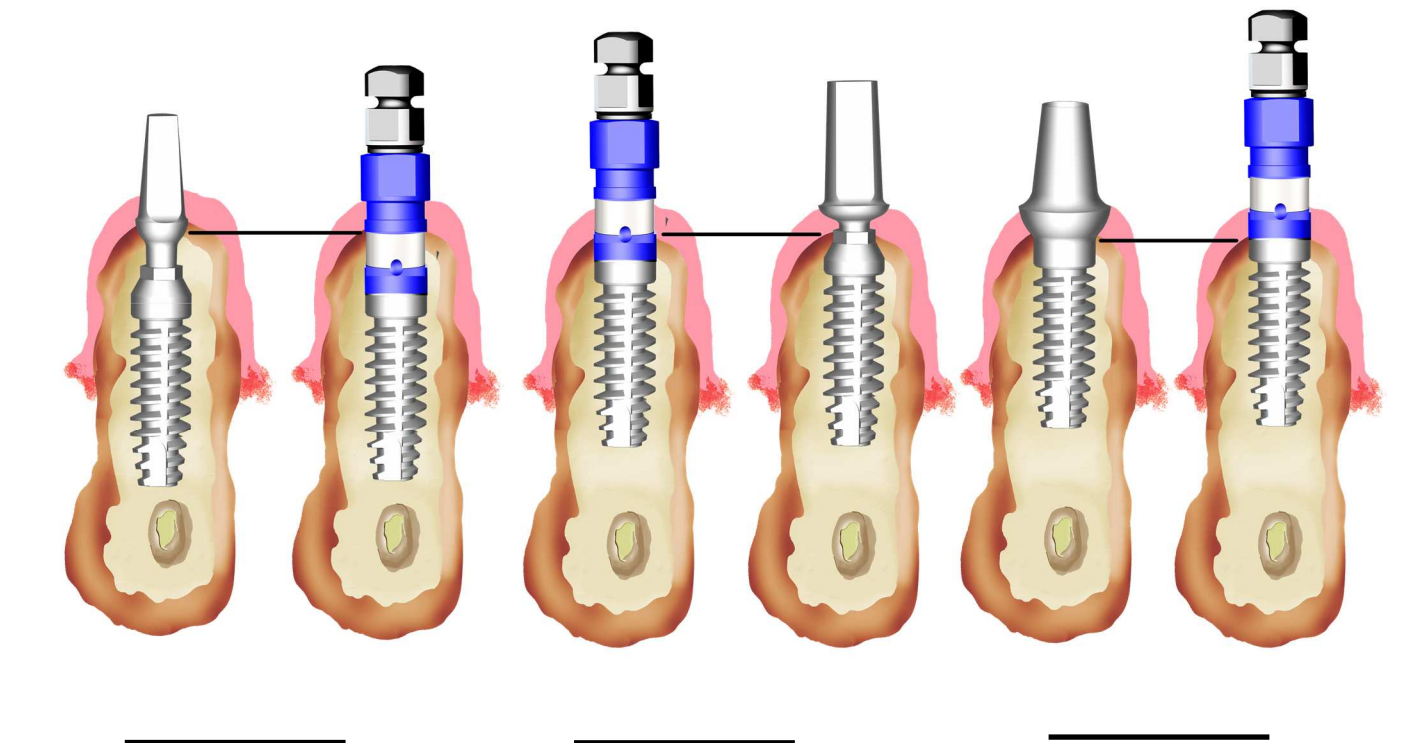
Fig.3

Fig. 4

- Use Rapid Mount to place the implant into the osteotomy **Fig. 1**
- When the Rapid Mount is engaged to the implant, the bottom of the band is located at the top of the hex of the implant and extends 2mm above the implant hex **Fig. 2**
- Rapid Lock has a groove at the apex to adjust the retention to the implant **Figs. 1 and 2**
- Rapid Screw is another choice to engage the Rapid Mount to the implant **Fig. 4**
- Insertion depth on the osteotomy **Fig. 3**
- Other Uses:  
UCLA Abutment, Straight Abutment, and Transfer Impression Mount with Hex Abutments



## RAPID MOUNTS 2mm Post



A

Implant 2 mm below the crest for  
Regular TaperLock Abutment

B

Implant Hex at the crest for  
Short TaperLock Abutment

C

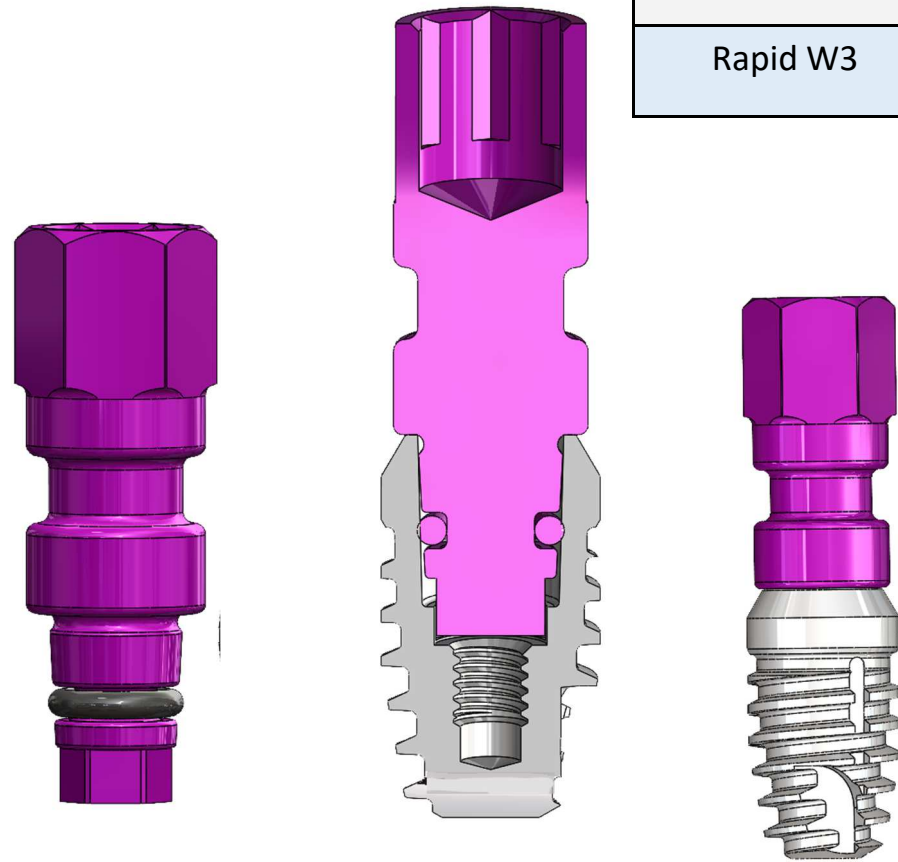
Implant Bevel at the crest for  
Hex Abutment

- **Implant 2mm below the crest** - fully submerge the top of the band even with the crest (for regular TaperLock abutments) **Fig. A**
- **Implant even with the crest** - submerge until the bottom of the band is even with the crest (for short TaperLock abutments) **Fig. B**
- **Implant above the crest** – insert the implant until the bottom of the Rapid Mount reaches the crest (for Hex Abutments) **Fig. C**



## Rapid Mount W3

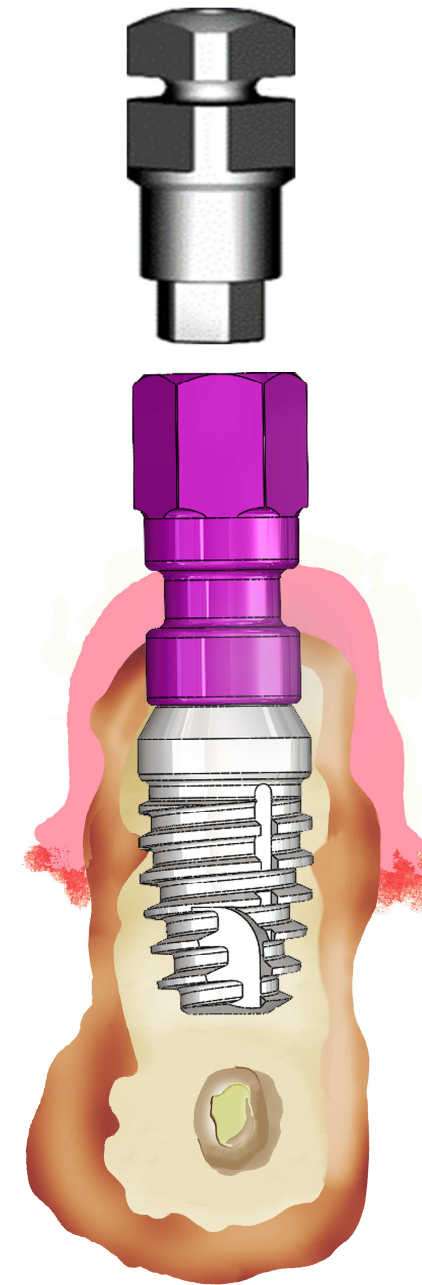
Part Name	Part Number
Rapid W3	960-003-003



- Insert the Rapid into the implant *making* sure the male hex of the Rapid engages the female hex of the implant
- Once the hex has been engaged, pressing down slightly try to rotate the Rapid right and left. This slight movement will allow for the ring to settle in the implant and maintain the connection secured



## Rapid Mount W3

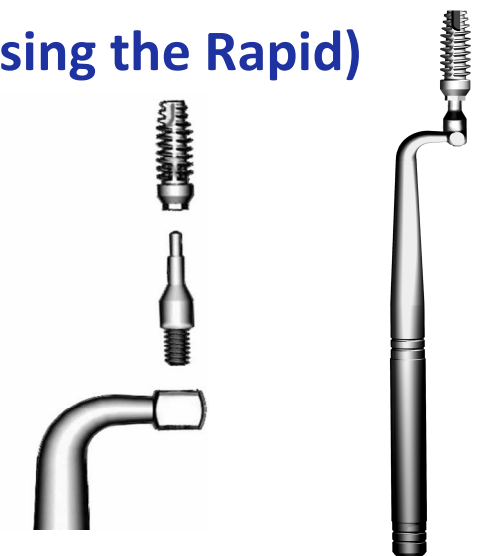


### Thread-In Technique:

- Hex Driver with Thumb Knob
- Hex Driver and Wrench
- Latch Driver

### Push-In Technique:

- Place a handle with a concave seating tip over the Rapid and tap
- Straight seating tip attached to a handle. Insert the tip directly into the implant and tap (without using the Rapid)





## IMPLANT MOUNT CARRIER



2mm Post

Part Name	Part Number
Implant Mount Carrier Assembly	902-345-000
Implant Mount Carrier Sleeve	902-044-020
Implant Mount Carrier Insert	902-033-020



## IMPLANT MOUNT CARRIER

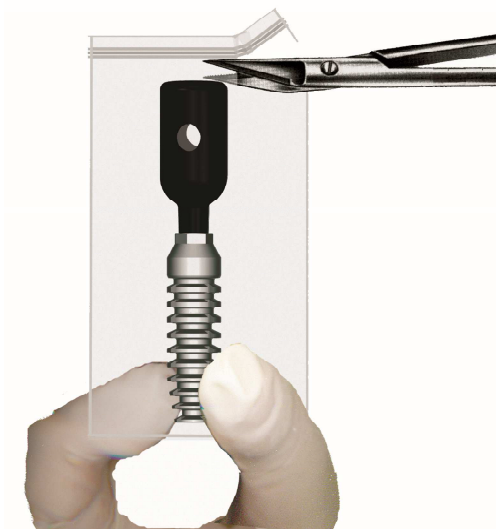


Fig.2

Fig.1

Apply pressure to the Carrier. Insert Knob toward the implant to firmly engage the implant

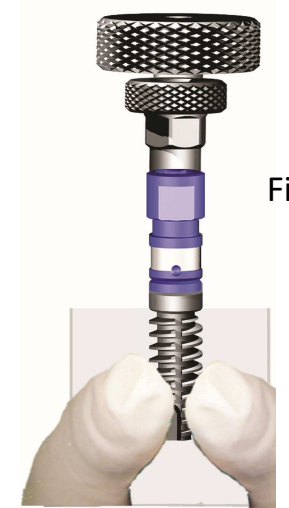


Fig.3

- Implant placement options with Implant Mount Carrier:
  - Finger Thread
  - Hex Handle
  - Ratchet
- Place the Implant Mount on the Implant Fig.1 page 43
- Thread the Carrier Sleeve all the way toward the Thread Knob end of the Carrier Insert Fig.2
- Place the Taper Post end of the Carrier Insert through the Implant Mount and into the Implant, apply pressure to the Carrier Insert Knob to firmly engage the Implant. Bring the Carrier Sleeve toward the Implant Mount until it barely touches it Fig.3
- Proceed with Implant placement Fig.4
- Once the Implant is in position disengage the Carrier by unthreading the Carrier Sleeve Clockwise Fig.5
- It will immediately separate from the implant Fig.6
- Practice the procedure with an Implant Analog before actually attempting it on a patient
- **See Implant Mount Carrier Technical Video for full details**

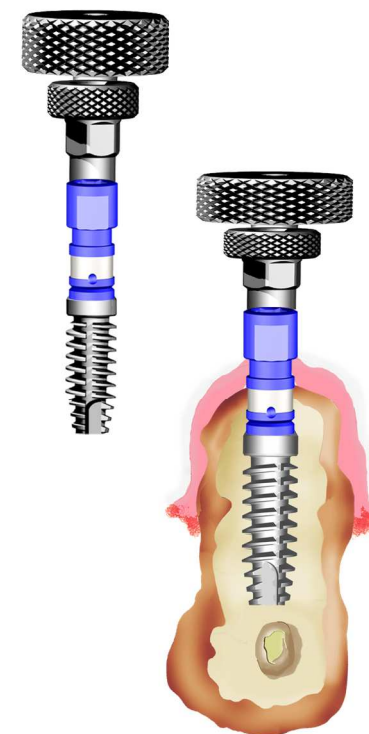


Fig.4

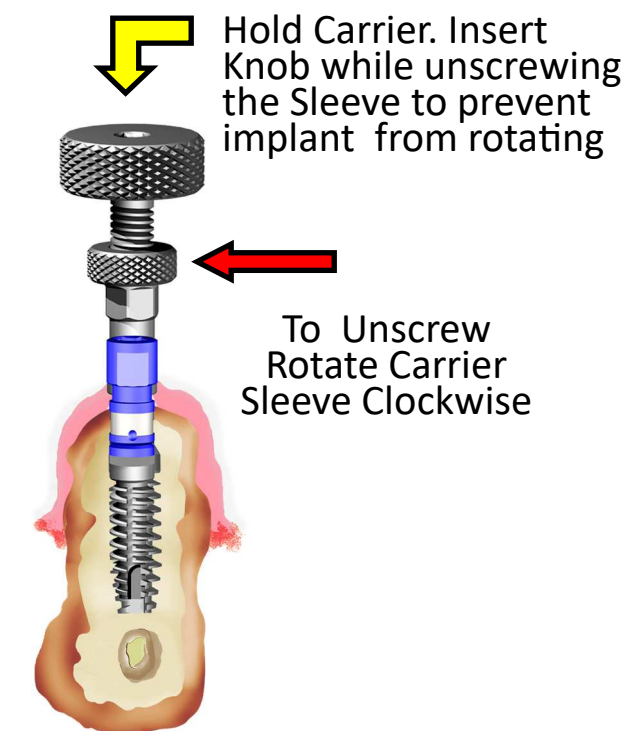


Fig.5

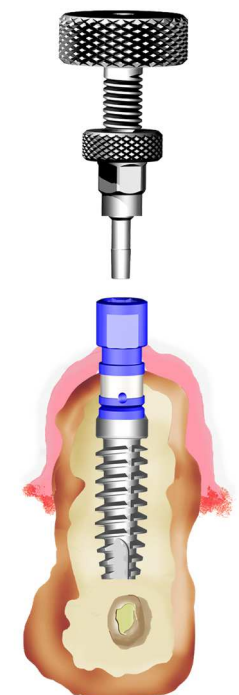


Fig.6





## SULCUS REAMERS



902-001-001



902-002-002

PART NAME	PART #
Threaded Knob - Regular	902-001-001
Threaded Knob - Long	902-002-002



903-333-035



903-333-040



903-333-050



903-333-050 -3

Sulcus Tap 3.5	903-333-035
Sulcus Tap 4.0	903-333-040
Sulcus Tap 5.0	903-333-050
Sulcus Tap 5.0 W3	903-333-050 -3



903-111-111



903-111-111-3R



903-111-111-3S

Guide Wire W2	903-111-111
Sulcus Wire W3 R	903-111-111-3 R
Sulcus Wire W3 S	903-333-111-3 S

### SEATING THE TAPERLOCK ABUTMENT—TWO STAGE TECHCNIC:

- Incision is made and Healing Plug is exposed. Fig. 1 Page 45
- The tip of the explorer is placed downward between the hex of the Implant and the Healing Plug, then apply lever motion. Healing Plug is elevated and removed (use extreme care so that the patient does not aspirate the Healing Plug) Fig. 2
- The **Guide Wire** is inserted through the tip of the Sulcus Reamer, then insert the Guide Wire into the Implant. Fig.3
- Use the **Sulcus Reamer** to shape the bone to receive the TaperLock Abutment. Fig. 4
- The **Sulcus Reamer** is rotated in order to shape the bone to allow the Abutment to properly seat over the bone and into the implant. Fig. 5
- Position the Abutment in the Implant and tap it so it is firmly engaged. Fig. 6 - 7



## SULCUS REAMERS

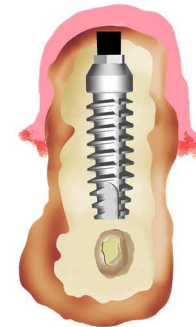


Fig. 1

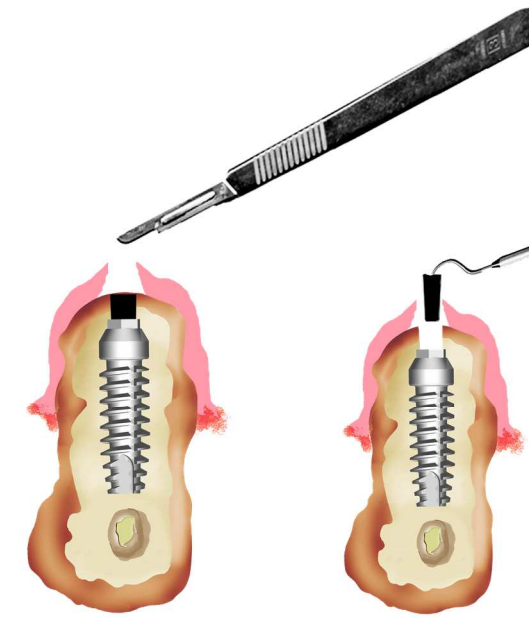


Fig. 2



Fig. 3

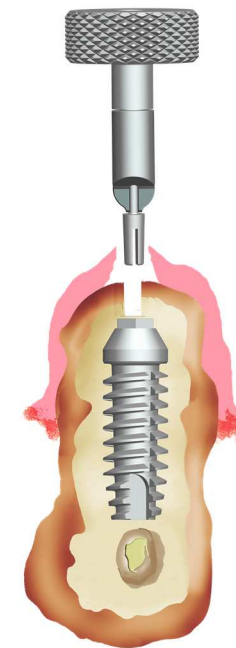


Fig. 4

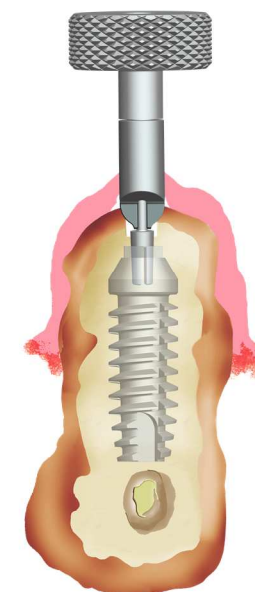


Fig. 5



Fig. 6

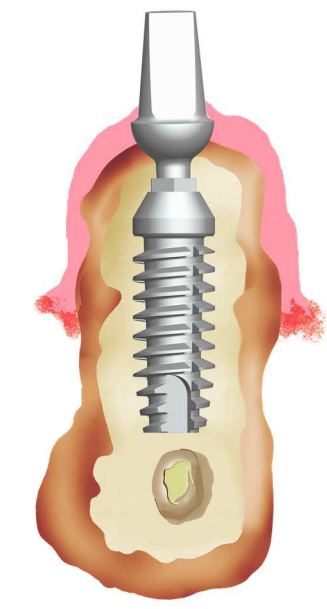
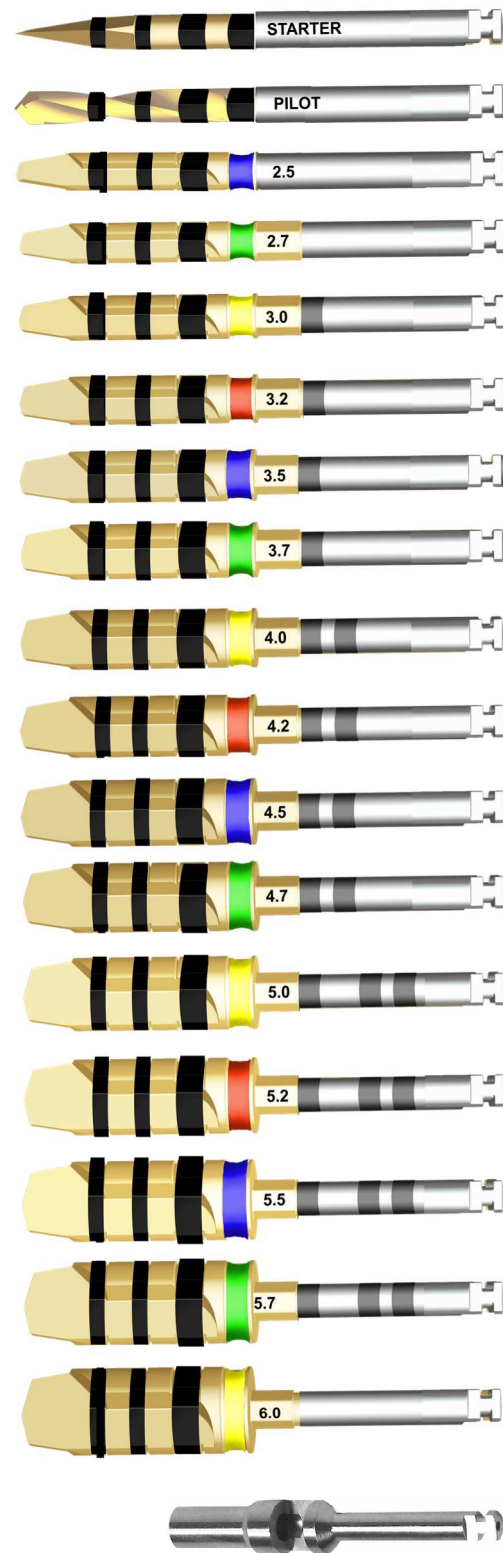


Fig. 7



## BONE HARVESTING DRILLS



Part Name	Part Number
Starter Drill	900-000-120
Pilot Drill	900-000-200
Bone Harvesting Drill, 2.5 mm	900-000-250
Bone Harvesting Drill, 2.7 mm	900-000-270
Bone Harvesting Drill, 3.0 mm	900-000-300
Bone Harvesting Drill, 3.2 mm	900-000-325
Bone Harvesting Drill, 3.5 mm	900-000-350
Bone Harvesting Drill, 3.7 mm	900-000-370
Bone Harvesting Drill, 4.0 mm	900-000-400
Bone Harvesting Drill, 4.2 mm	900-000-420
Bone Harvesting Drill, 4.5 mm	900-000-450
Bone Harvesting Drill, 4.7 mm	900-000-470
Bone Harvesting Drill 5.0 mm	900-000-500
Bone Harvesting Drill 5.2 mm	900-000-520
Bone Harvesting Drill 5.5 mm	900-000-550
Bone Harvesting Drill 5.7 mm	900-000-570
Bone Harvesting Drill 6.0 mm	900-000-600
Drill Extender	900-000-000



## Bone Harvesting Drill Caddy



Part Name	Part Number
Drill Caddy	900-000-000

- Designed to collect autogenous bone to graft over the sloping shoulders of the implants, in addition to sinus grafting, bone expansion, ridge augmentation, and other surgical procedures.
- Drill at 100RPM
- Also Hand drilling
- Remove any grafting material remaining at the bottom of the osteotomy with a curette before implant placement
- Titanium Nitride coated to maintain sharpness, extend drills' life and decrease heat and friction

## BONE EXPANDERS

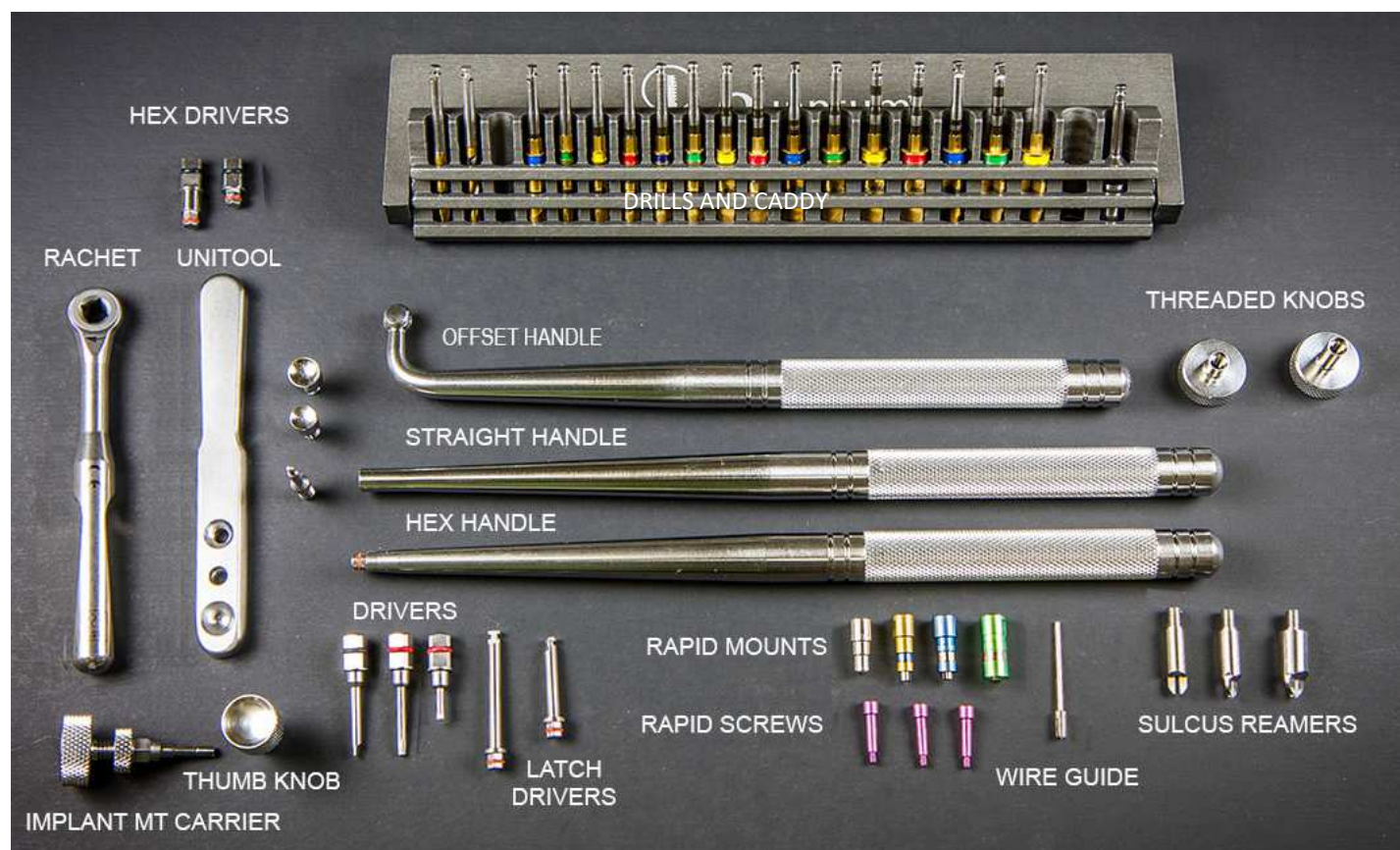
Atraumatic  
Manual or Handpiece



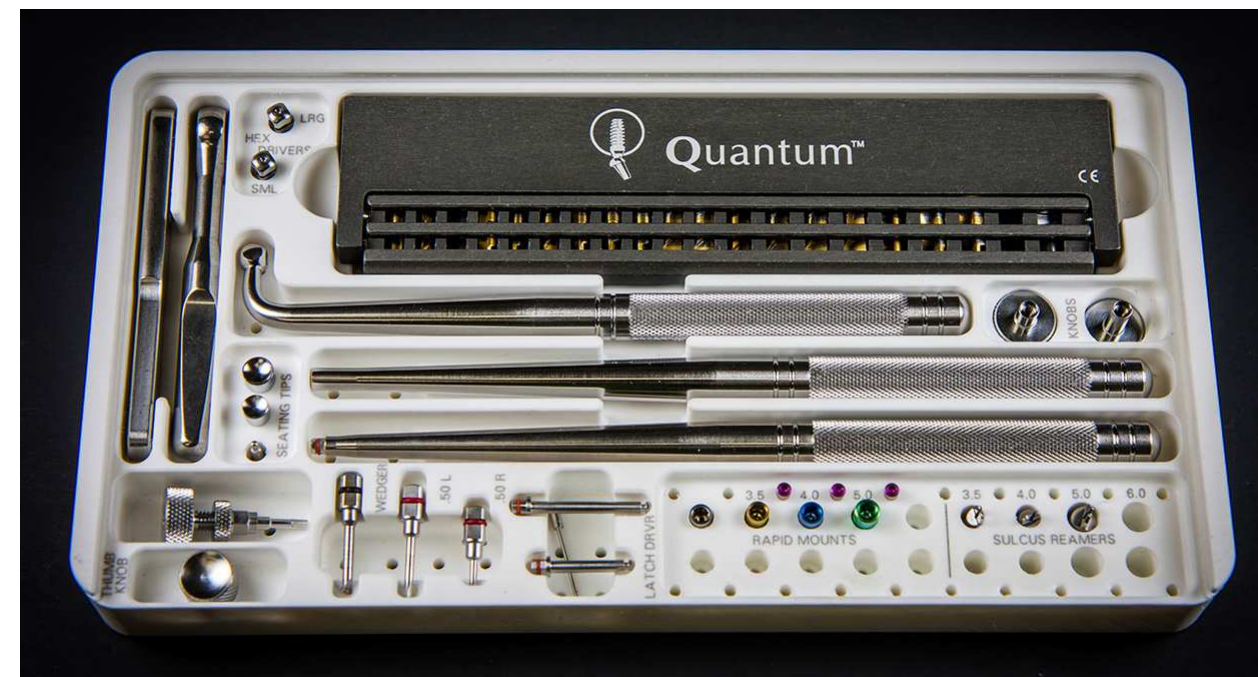




## SURGICAL AND RESTORATIVE INSTRUMENTATION



## SURGICAL & PROSTHETIC KITS



Part Name	Part Number
Surgical / Prosthetic Kit	999-000-001



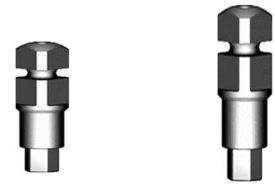
Prosthetic Kit	999-000-002
----------------	-------------



## Drivers

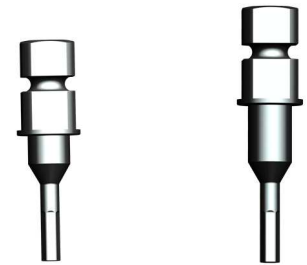


Thumb Knob  
Use With Drivers



903-001-011 903-002-011

- Engages Rapid Mount to Ratchet
- Engages Implant Mount Carrier to Ratchet



903-001-050 903-002-050



903-002-010

Adjusts Rapid Lock retention by spreading the post at



903-001-000

Tightens O-Ring Thread Abutment



903-000-022  
Replaces Driver's Head O-Ring



903-000-023  
Replaces Driver's Tip O-Ring  
Hex Handle O--Ring

Part Name	Part Number
Thumb Knob	903-000-001

Implant Mount Hex Driver R	903-001-011
Implant Mount Hex Driver L	903-002-011

Driver 0.50- R	903-001-050
Driver 0.50- L	903-002-050

Driver- 10T R	903-002-010
O Ring Driver	903-001-000

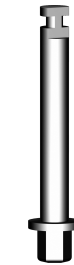
Driver's Head O-Ring	903-000-022
Driver's Tip O-Ring	903-000-023



## Drivers

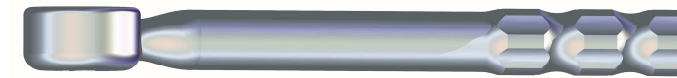


903-000-333



903-000-444

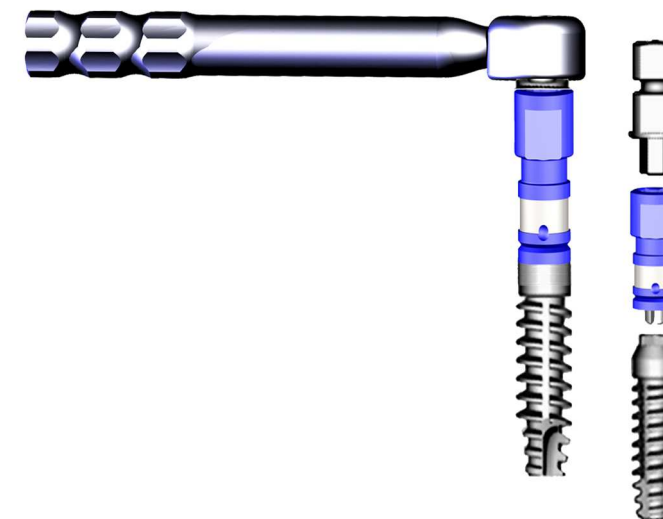
Engage Hex Latch Driver to Rapid Mount to place implants with handpiece



903-000-000



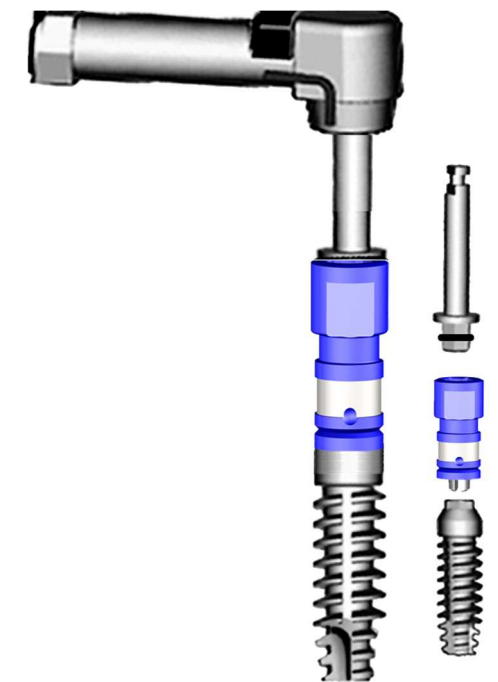
903-002-002



Ratchet engages to Hex Driver and Hex Driver to Rapid Mount

Part Name	Part Number
Hex Latch Driver- R	903-000-333
Hex Latch Driver- L	903-000-444

Ratchet	903-000-000
Torque Wrench	903-002-002



Handpiece engages Rapid Mount with the Hex Latch Driver





## Handles



Hex Handle	902-333-003
------------	-------------



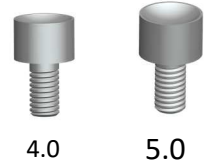
Straight Handle	902-333-001
-----------------	-------------



Offset Handle	902-333-002
---------------	-------------



Seating Tip  
Push-In Technic



Tap Abutments to  
Implants

Implant Seating Tip	902-111-111
Concave Seating Tip 4.0	902-222-040
Concave Seating Tip 5.0	902-222-050



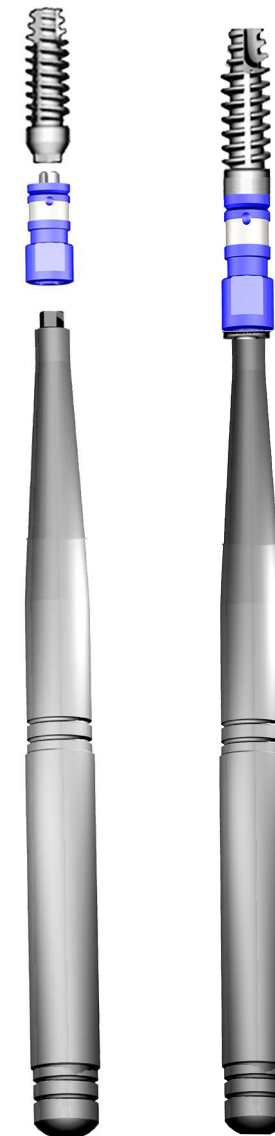
Hand Drilling Handle



Drill Handle	900-333-005
Square Latch Holder	900-000-015

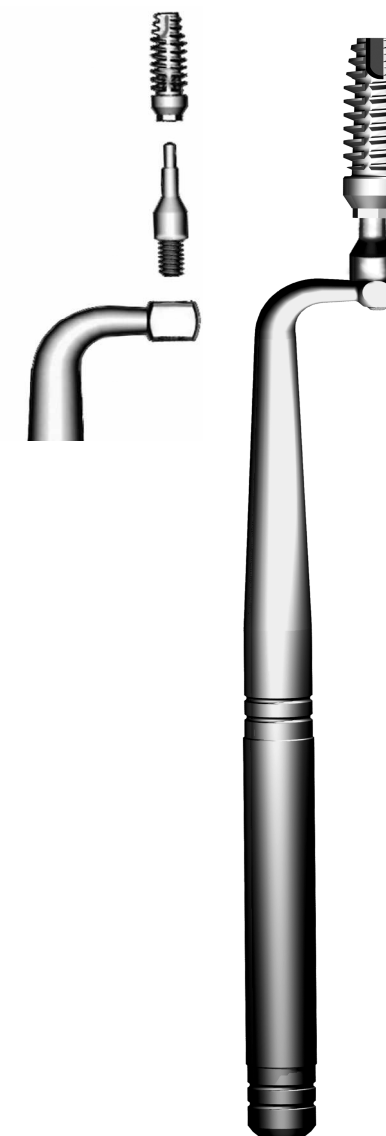


## Handles



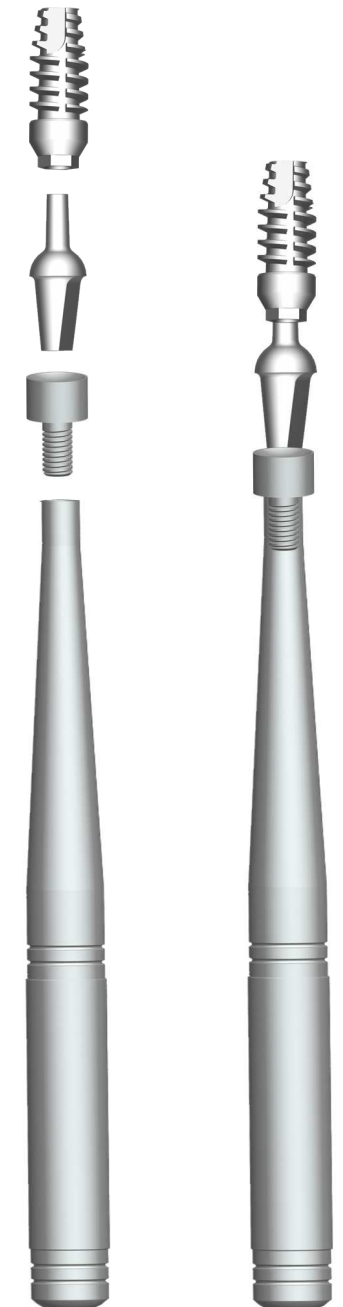
HEX HANDLE

Threads implant by hand  
with Rapid Mount  
Ideal to guide implant  
in the Pre-Maxilla



OFFSET HANDLE

Push-In Technique  
For implants  
and abutments



STRAIGHT HANDLE

For implants  
And abutments

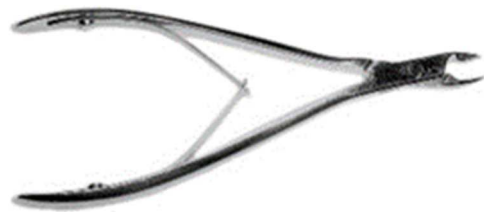




## Surgical Accessories



Part Name	Part Number
Mallet	904-333-003



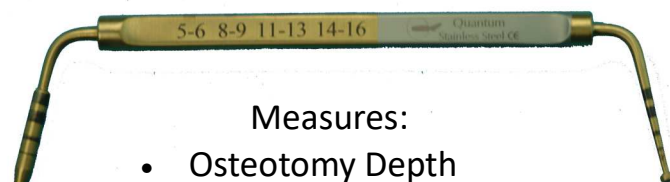
Nipper	904-000-777
--------	-------------

Cuts Two-Stage Healing Plug



Needle Recapping Plier	904-000-004
------------------------	-------------

One Hand Needle Recapping Plier



- Measures:
- Osteotomy Depth
  - Drill Lengths
  - Probe Sinus Membrane



## UniTool

Transfer Post



Uni-tool

Part Name	Part Number
Uni-Tool	903-001-000



### Uses:

- Place the Impression Post into the Uni-Tool to adjust to the desired retention by holding the post down and spreading the tip with a #15 blade
- Measures Drill lengths
- Place Uni-Tool large concavity to apply force over the ratchet while threading the implant into the osteotomy instead of using finger tip (prevents entangling glove to the ratchet)



## Abutment Forceps



905-100-001  
Upper Universal



905-100-002  
Upper Anterior



905-200-001  
Lower Universal



905-200-002  
Lower Anterior

Place and remove abutments  
Extractions



## Restorative Instruments



Abutment Pliers	904-000-222
-----------------	-------------

Carries abutments into position  
Ideal for Try-ins



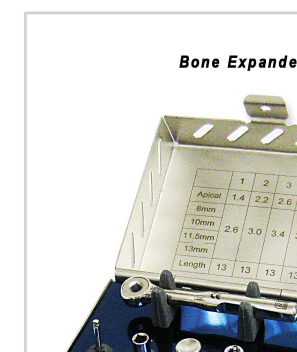
Abutment Prep Handle	902-333-004
----------------------	-------------

Holds abutment to be prepped  
extra orally or at the Lab

## BONE EXPANDERS

57

Atraumatic





## Surgical Motors



**AEU-7000 L SERIES**  
Premium Implant / Oral Surgery Motor  
Fiber Optic



**AEU-7000 SERIES**  
Premium Implant / Oral Surgery Motor



**AEU-260S**  
Implant & Surgery Motor  
Without Irrigation



**AEU-6000-70V**  
Preferred Implant / Oral Surgery Motor



**AEU-17BV2 SERIES**  
SurgiMotor II Implant & Oral Surgery Motor



## Surgical Equipment Handpieces



Adjustable  
Depth Gauge

**AHP-85MB-CX**

Mont Blanc 1:20  
With Depth Guide  
Rated 80 Ncm



**AHP-85MB-X**

Mont Blanc 1:20  
without  
Depth Guide  
Rated 80 Ncm



**AHP-85-I**

Impulse 1:20  
Rated to 50-55 Ncm



**AE-70 V**  
Multi-Function  
Foot Control



**AE-23/23-10**  
Irrigation Tubing Set  
(For 6000 and 7000 Series)



**NWS-9**  
Manual Surgical  
Irrigation System





# Quantum Implants

“More options, Less cost, High quality”

Quantum BioEngineering Ltd.

201 North University Drive #101

Plantation, FL 33324

Phone: (954) 474-2556

Toll Free: (800) 600-4845

Fax: (954) 474-2533

[www.quantumimplants.com](http://www.quantumimplants.com)

[info@quantumimplants.com](mailto:info@quantumimplants.com)

