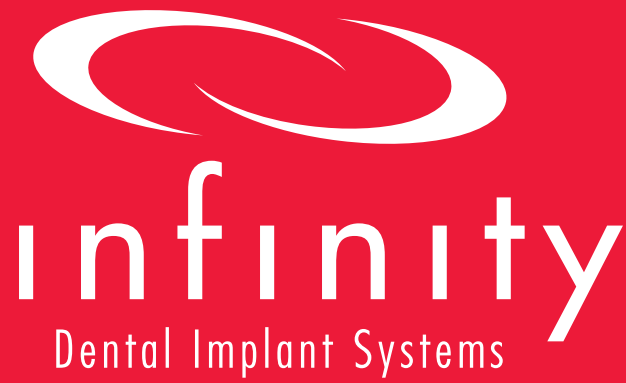




TRI-CAM Implant System



infinite OPPORTUNITIES IN IMPLANTOLOGY

For almost 50 years ACE Surgical has been dedicated to dental surgical advancements. We continue to develop and manufacture the highest quality, state-of-the-art products at competitive prices; while keeping customer service at the core of our business.

Our team of industry leading professionals have taken every detail into account—designing, engineering and manufacturing the infinity TRI-CAM Dental Implant System. Made in the USA, each of the infinity systems allow you to place and restore our implants with the confidence you expect from a market leading implant system, without the added expenses.

The infinity TRI-CAM Dental Implant System is committed to delivering a truly compatible dental implant solution to both you and your patients.

infinity Implants—infinite innovation, endless opportunities in implantology.

(INFINITY) Ø4.3mm TRI-CAM DRILL SEQUENCE
(3.4/2.8mm STEP & 4.3mm COUNTERSINK & TAP)

620-ALL (Drills & Tap)

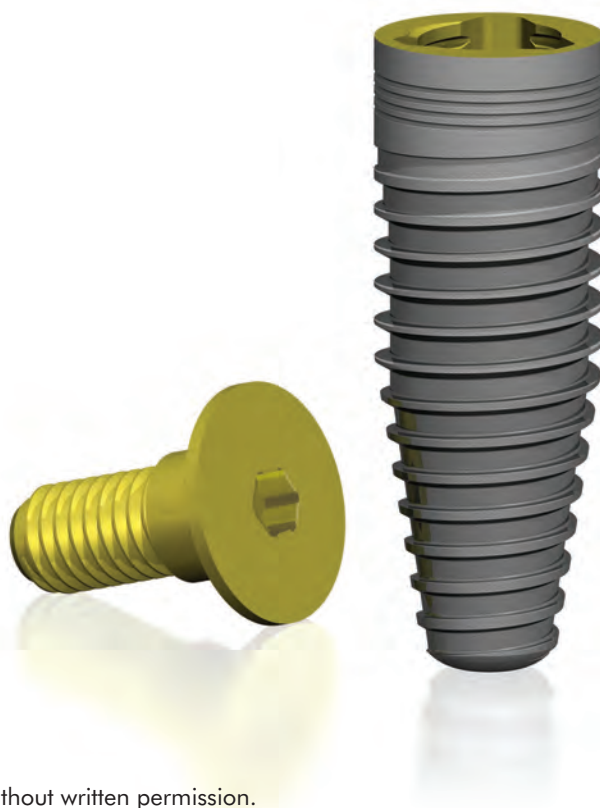
ACE Surgical Supply Co., Inc. • 1.800.441.3100 • acesurgical.com

Rev. 10/11 • 1034 Pearl Street, Brockton, MA 02301 • E-Mail: info@acesurgical.com



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Introduction **TRI-CAM IMPLANTS**

The background of the slide features a large, faint, light red watermark logo. It consists of a stylized infinity symbol (a horizontal figure-eight) positioned above a large gear. The gear has a central hexagonal shape. The word 'infinity' is written in a large, lowercase, sans-serif font across the middle of the gear, and 'Dental Implant Systems' is written in a smaller, lowercase, sans-serif font below it.

infinity

Dental Implant Systems

infinity TRI-CAM Implant System

The infinity TRI-CAM implant system has been designed to work with some of the leading tri-channel configured systems in the market today. The infinity TRI-CAM platform allows for a secure connecting interface between the implant and prosthetic. The precise manufacturing of all TRI-CAM components is what separates this system from other compatible dental implant systems.

The implants are manufactured in the USA from high-strength, bio-compatible titanium alloy (Ti 6Al-4V-ELI). The implant's roughened surface treatment allows for a greater surface area for osseointegration.

The engineered micro-grooves found on the collar of the TRI-CAM implant are for maintaining crestal bone. The tapered body of the implant is designed to resemble a natural tooth root which will fit extraction sockets and healed grafted sites.

The available prosthetics options for the infinity TRI-CAM are designed to offer familiar options without the inflated costs. From a single tooth restoration to a full arch, infinity TRI-CAM prosthetics are easy to use and restore functionality at a price that makes sense for your practice.

Ø3.5 mm



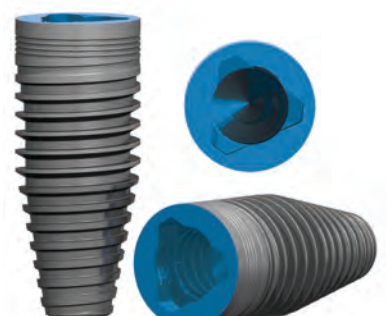
TRI-CAM Ø3.5mm Platform
Tapered

Ø4.3 mm



TRI-CAM Ø4.3mm Platform
Tapered

Ø5.0 mm

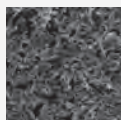


TRI-CAM Ø5.0mm Platform
Tapered

COLOR-CODED

The entire TRI-CAM system is color-coded. From the drilling process, to the final restoration, we have color-coded all the components allowing you and your referrals to easily identify the implant platform and their correct components.

RBM TEXTURED SURFACE



For over twenty years Resorbable Blast Media technology has allowed for improved osseointegration. RBM is a surface treatment designed to roughen the surface of an implant without leaving the residual embedded blast particles or debris in the treated substrate. To achieve the desired roughening, a biocompatible material with a suitable hardened particle size is used and then subsequently dissolved from the surface with a defined passivation treatment. The result is a rougher surface than the traditional acid etch-treatments, providing a greater surface area for osseointegration.

PLACEMENT OF THE TRI-CAM

Use your existing implant tools to drive the TRI-CAM implant or utilize the precision engineered driver that comes standard with the surgical kit. The drivers are available in both a contra-angle or ratchet configuration.

SECURITY WITH THE INTERNAL TRI-CAM

With the internal TRI-CAM design you get peace of mind. Three locking tri-channel points make the prosthetic attachment to the implant a secure and precise fit each time.

MICRO-GROOVES

Placed at the neck of all TRI-CAM implants are micro-grooves that have been designed to aid in maintaining crestal bone.

TAPERED SHAPE

The tapered shape resembles a natural tooth root and is designed to fit extraction sockets and healed bone grafted sites.

LIFETIME WARRANTY

The ACE Surgical implant warranty program is designed to support all clinicians involved with the infinity Implant System.

(See page 28 for details)



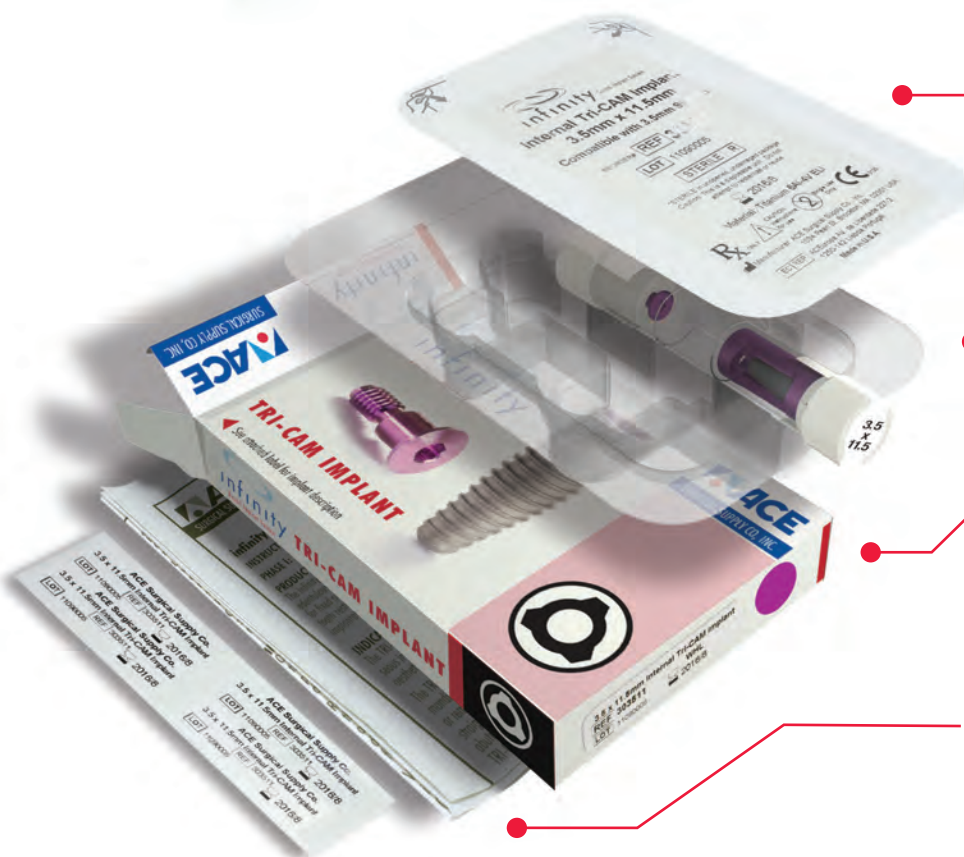


IMPLANT SUSPENSION CHAMBER

Color-coded for easy recognition. The suspension chamber securely cradles the implant and allows for easy removal once the cap is removed.

COVER SCREW

Included inside the vial's bottom cap.



STERILE PACKAGING

All implants come packed sterile with easy to read pull back seal with detailed labeling to expose the implant chamber.

CONTAINED IMPLANT

Vial packed implant suspension and easy to retrieve Cover Screw.

IMPLANT BOX

Implant symbol, size and color clearly distinguishes the TRI-CAM product. Side label includes implant specifications.

INSTRUCTIONS

Every implant comes complete with instructions for use enclosed.

PATIENT RECORD LABELS

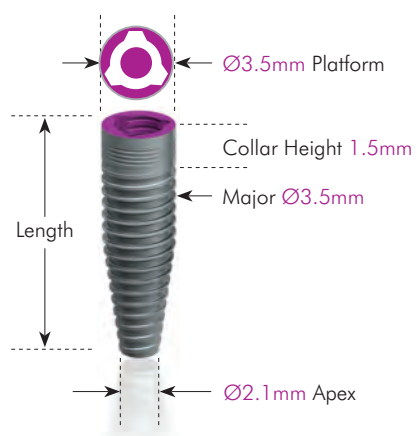
Every implant comes complete with multiple patient labels.

Ø3.5mm



TRI-CAM Ø3.5mm Platform Tapered

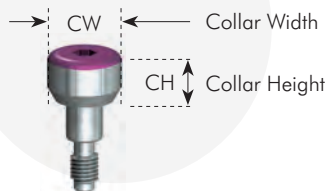
Product No.	303508	303510	303511	303513	303516
Diameter	Ø3.5mm	Ø3.5mm	Ø3.5mm	Ø3.5mm	Ø3.5mm
Length	8mm	10mm	11.5mm	13mm	16mm



Caution: The size of the implants are 0.6mm longer in length than what is described.

TRI-CAM Ø3.5mm Healing Caps

- Uses a 6-Point Spline Driver
- 30° Emergence Profile for Contoured Healing Caps
- Recommended Seating Torque 20 N-cm



IMPLANT COVER SCREW

Included with
every Implant



30587001



Product No.	30135353	30135355	30135453	30135455
Platform	Ø3.5mm	Ø3.5mm	Ø3.5mm	Ø3.5mm
Collar Width	3.5mm	3.5mm	4.5mm	4.5mm
Collar Height	3mm Straight	5mm Straight	3mm Contoured	5mm Contoured

Ø4.3 mm


TRI-CAM Ø4.3mm Platform Tapered

Product No.	304308	304310	304311	304313	304316
Diameter	Ø4.3mm	Ø4.3mm	Ø4.3mm	Ø4.3mm	Ø4.3mm
Length	8mm	10mm	11.5mm	13mm	16mm



Caution: The size of the implants are 0.6mm longer in length than what is described.

TRI-CAM Ø4.3mm Healing Caps

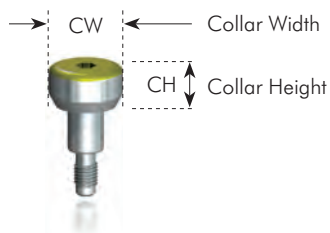
- Uses a 6-Point Spline Driver
- 30° Emergence Profile for Contoured Healing Caps
- Recommended Seating Torque 20 N-cm

IMPLANT COVER SCREW

Included with
every Implant



30587501



Product No.	30143433	30143435	30143553	30143555
Platform	Ø4.3mm	Ø4.3mm	Ø4.3mm	Ø4.3mm
Collar Width	4.3mm	4.3mm	5.5mm	5.5mm
Collar Height	3mm Straight	5mm Straight	3mm Contoured	5mm Contoured



Ø5.0mm



TRI-CAM Ø5.0mm Platform

Tapered

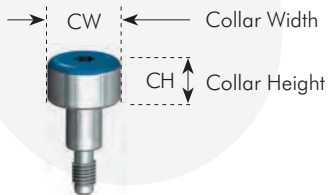
Product No.	305008	305010	305011	305013	305016
Diameter	Ø5.0mm	Ø5.0mm	Ø5.0mm	Ø5.0mm	Ø5.0mm
Length	8mm	10mm	11.5mm	13mm	16mm



Caution: The size of the implants are 0.6mm longer in length than what is described.

TRI-CAM Ø5.0 Healing Caps

- Uses a 6-Point Spline Driver
- 30° Emergence Profile for Contoured Healing Caps
- Recommended Seating Torque 20 N-cm



Product No.	30150503	30150505	30150603	30150605
Platform	Ø5.0mm	Ø5.0mm	Ø5.0mm	Ø5.0mm
Collar Width	5.0mm	5.0mm	6.0mm	6.0mm
Collar Height	3mm Straight	5mm Straight	3mm Contoured	5mm Contoured

IMPLANT COVER SCREW

Included with
every Implant



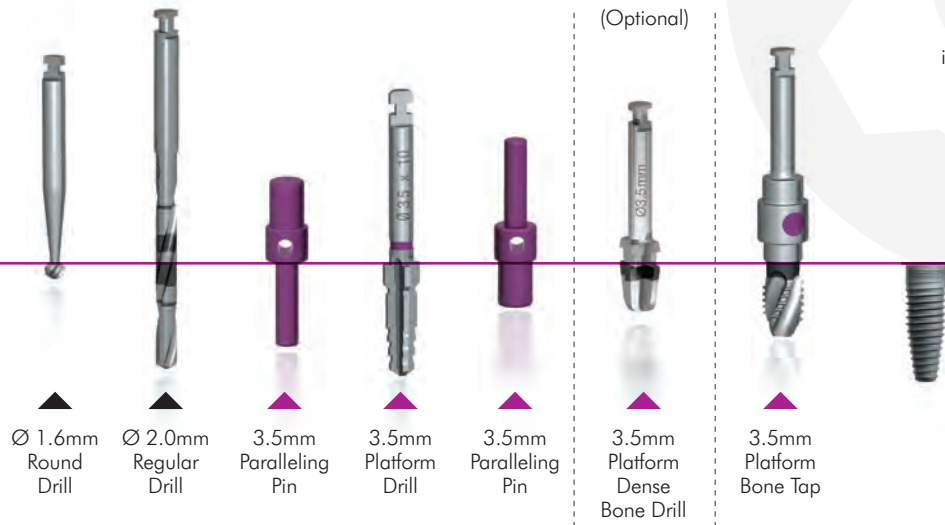
30587801

TRI-CAM Drilling Sequences*

* Note: Instruments shown are for a 10mm implant. Adjust instruments accordingly.

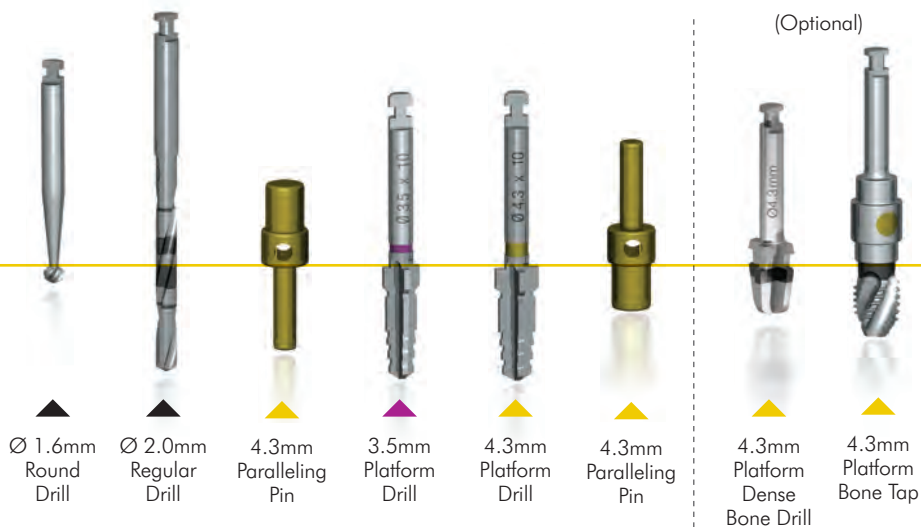
Ø 3.5mm

choose implant length



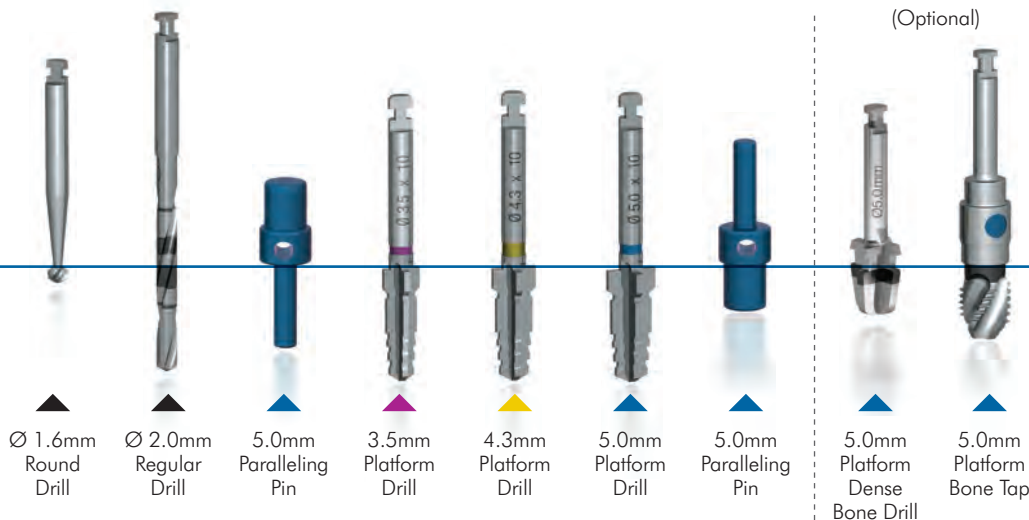
Ø 4.3mm

choose implant length



Ø 5.0mm

choose implant length



Caution: The tapered surgical drills are 1.5mm longer in length than what is described.



infinity **TRI-CAM** Surgical Drills, Drivers, and Kit



CERTIFIED PRECISION

Manufactured under strictly controlled Swiss machining and certified to ISO 13485 regulations.

BUILT TO LAST

Manufactured from hardened, high strength, corrosive-resistant surgical drilling materials. Engineered for multiple use.

THE PERFECT SIZE

Individually designed and sized tapered drills allow for the creation of an osteotomy to match each individual implant's geometry and assure the exact fit for implant placement.

TIP TOP PERFORMANCE

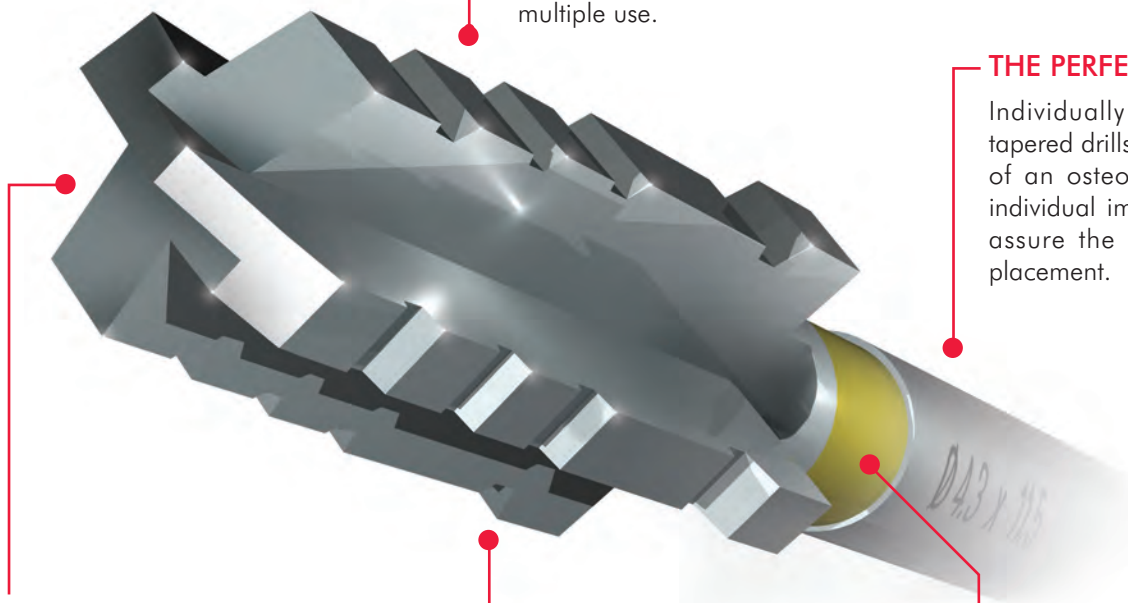
Double split point cutting tip to increase drilling efficiency.

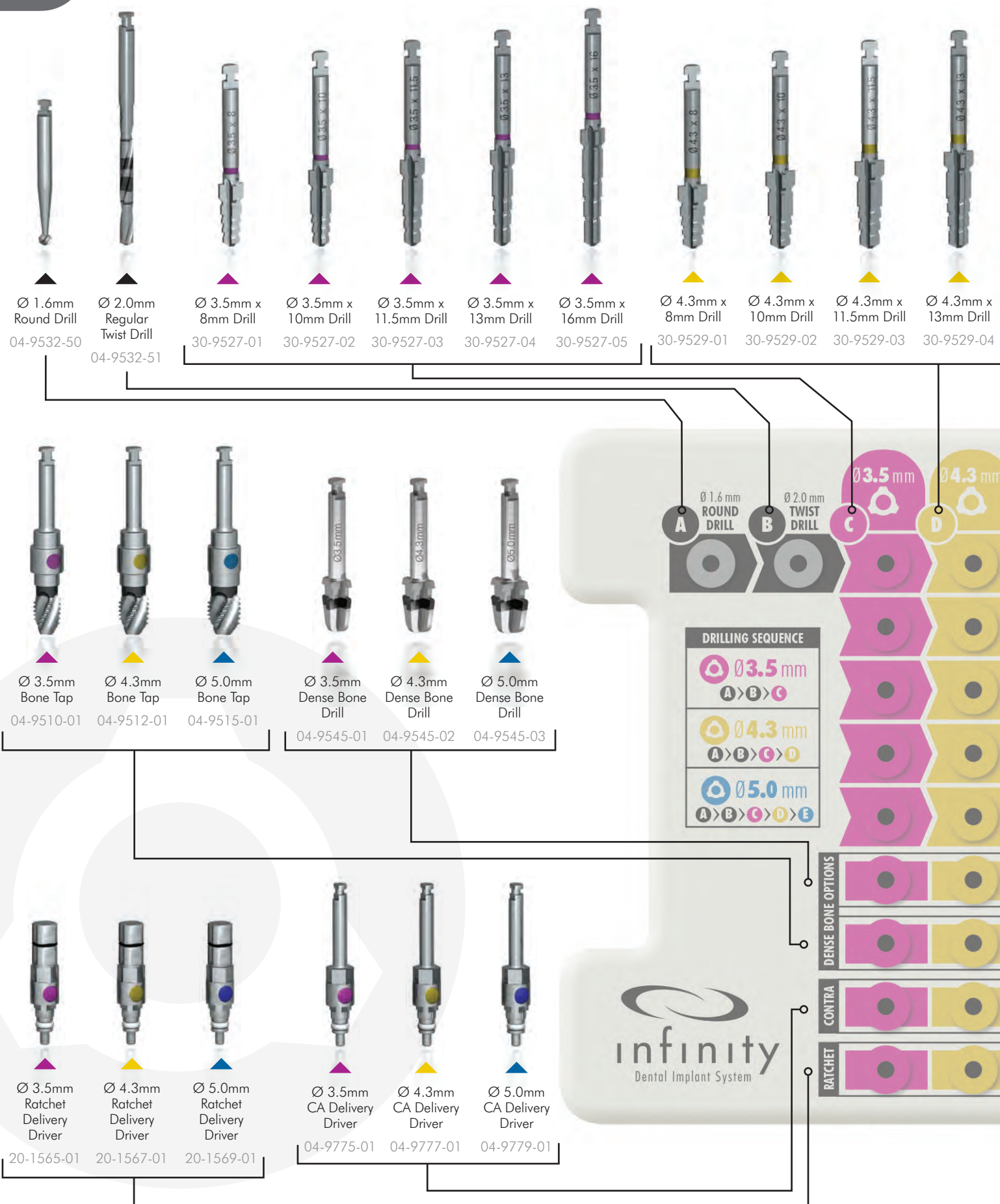
QUAD CUTTING SURFACES

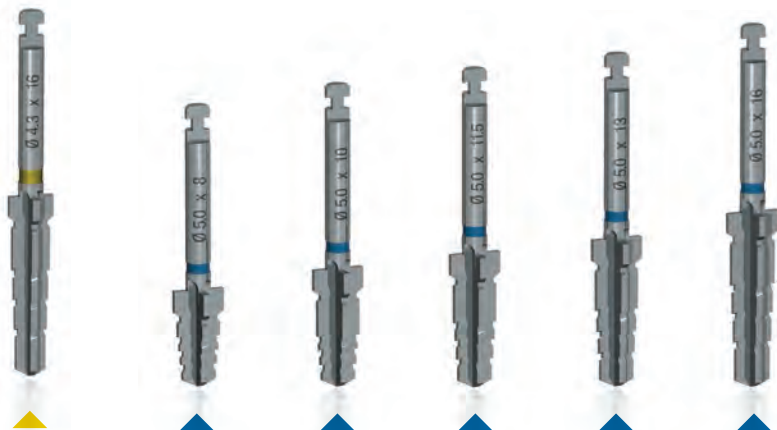
Four (4) fluted tapered drills allow for an easy on-center drilling process.

EASILY ORGANIZED

Combination of color coding and laser marking, allows for easy visual bur identification and drill length indication.



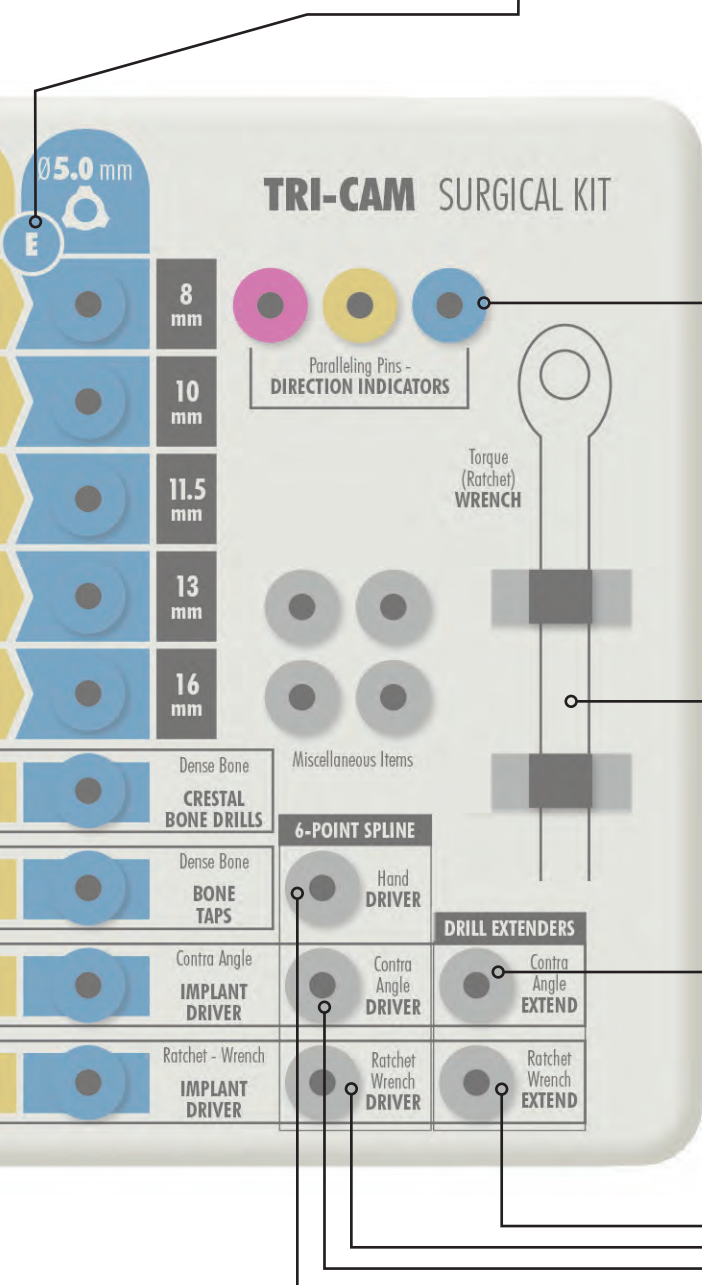




Ø 4.3mm x 16mm Drill 30-9529-05
 Ø 5.0mm x 8mm Drill 30-9530-01
 Ø 5.0mm x 10mm Drill 30-9530-02
 Ø 5.0mm x 11.5mm Drill 30-9530-03
 Ø 5.0mm x 13mm Drill 30-9530-04
 Ø 5.0mm x 16mm Drill 30-9530-05



Complete infinity
 TRI-CAM Surgical Kit
 30-9910-00



Ø 3.5mm Paralleling Pin 30-3582-01
 Ø 4.3mm Paralleling Pin 30-4382-02
 Ø 5.0mm Paralleling Pin 30-5082-03



Implant Torque Ratchet
 20-45 N-cm
 003-5245



Drill Extender 04-9599-01
 22mm Square Driver Extension 20-1557-11
 1.25mm 6-Point Ratchet Spline Driver 20-1515-02
 1.25mm 6-Point CA Spline Driver 04-1560-01
 1.25mm 6-Point Hand Spline Driver 20-1585-01



infinity
TRI-CAM Prosthetics



Ø3.5mm


TRI-CAM Ø3.5mm PLATFORM PROSTHETICS

TRI-CAM Ø3.5mm

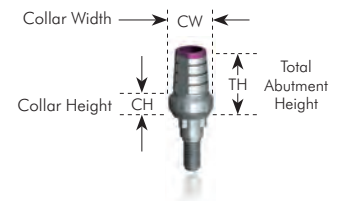
Prepable Abutments

with Retaining Screw



- Includes Retaining Screw
- Uses a 6-Point Spline Driver
- Recommended Seating Torque 30 N-cm
- 1mm Prepable Score Lines

Product No.	30235452	30235454
Collar Width	4.5mm	4.5mm
Collar Height	2mm	4mm
Total Height	7mm	9mm


TRI-CAM Ø3.5mm

Closed and Open Tray Transfers

Impression Copings w/Retaining Screw



- Implant Level Transfer
- Includes Retaining Screw
- Uses a 6-Point Spline Driver
- Recommended Seating Finger Pressure

Product No.	3063545	3053545
Collar Width	4.5mm	4.5mm
Tray Type	Closed Tray	Open Tray

TRI-CAM Ø3.5mm

Implant Analog



Product No.	30735
-------------	-------

TRI-CAM Ø3.5mm

UCLA



- Includes Retaining Screw
- Uses a 6-Point Spline Driver
- Recommended Seating Torque 30 N-cm

Product No.	3093545	3083545
Collar Width	4.5mm	4.5mm
Engagement	Non-Engaged	Engaged

Ø4.3 mm



TRI-CAM Ø4.3 PLATFORM PROSTHETICS

TRI-CAM Ø4.3mm

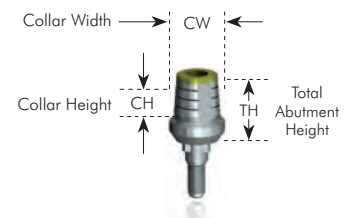
Prepable Abutments

with Retaining Screw



- Includes Retaining Screw
- Uses a 6-Point Spline Driver
- Recommended Seating Torque 30 N-cm
- 1mm Prepable Score Lines

Product No.	30243552	30243554
Collar Width	5.5mm	5.5mm
Collar Height	2mm	4mm
Total Height	7mm	9mm



TRI-CAM Ø4.3mm

Closed and Open Tray Transfers

Impression Copings w/Retaining Screw



- Implant Level Transfer
- Includes Retaining Screw
- Uses a 6-Point Spline Driver
- Recommended Seating Finger Pressure

Product No.	3064355	3054355
Collar Width	5.5mm	5.5mm
Tray Type	Closed Tray	Open Tray

TRI-CAM Ø4.3mm

Implant Analog



Product No.	30743
-------------	-------

TRI-CAM Ø4.3mm

UCLA



- Includes Retaining Screw
- Uses a 6-Point Spline Driver
- Recommended Seating Torque 30 N-cm

Product No.	3094355	3084355
Collar Width	5.5mm	5.5mm
Engagement	Non-Engaged	Engaged

Ø5.0mm


TRI-CAM Ø5.0mm PLATFORM PROSTHETICS

TRI-CAM Ø5.0mm

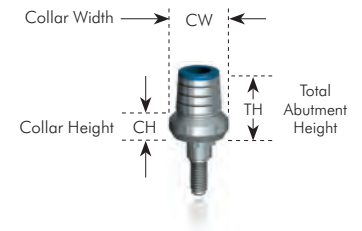
Prepable Abutments

with Retaining Screw



- Includes Retaining Screw
- Uses a 6-Point Spline Driver
- Recommended Seating Torque 30 N-cm
- 1mm Prepable Score Lines

Product No.	30250602	30250604
Collar Width	6.0mm	6.0mm
Collar Height	2mm	4mm
Total Height	7mm	9mm



TRI-CAM Ø5.0mm

Closed and Open Tray Transfers

Impression Copings w/Retaining Screw



- Implant Level Transfer
- Includes Retaining Screw
- Uses a 6-Point Spline Driver
- Recommended Seating Finger Pressure

Product No.	3065060	3055060
Collar Width	6.0mm	6.0mm
Tray Type	Closed Tray	Open Tray

TRI-CAM Ø5.0mm

Implant Analog



Product No.	30750
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TRI-CAM Ø5.0mm

UCLA



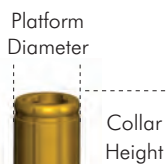
- Includes Retaining Screw
- Uses a 6-Point Spline Driver
- Recommended Seating Torque 30 N-cm

Product No.	3095060	3085060
Collar Width	6.0mm	6.0mm
Engagement	Non-Engaged	Engaged

Ø3.5mm



TRI-CAM Ø3.5mm Platform
Zest LOCATOR® Abutment



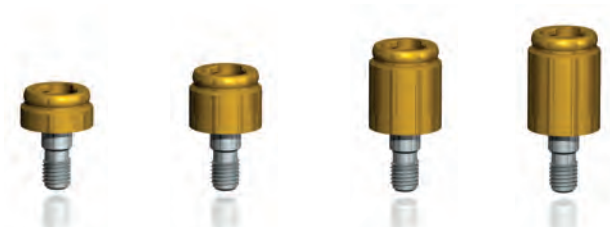
Product No.	206-8758	206-8759	206-8760	206-8734
Diameter	Ø3.5mm	Ø3.5mm	Ø3.5mm	Ø3.5mm
Collar Height	2mm	3mm	4mm	5mm

- Recommended Seating Torque 30 N-cm

Ø4.3mm



TRI-CAM Ø4.3mm Platform
Zest LOCATOR® Abutment



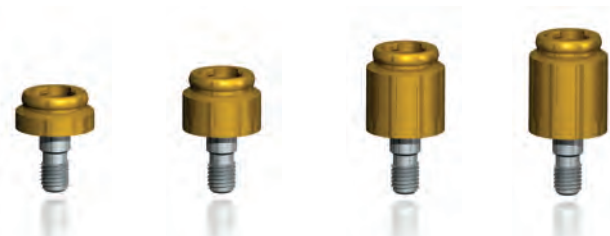
Product No.	206-8763	206-8764	206-8765	206-8753
Diameter	Ø4.3mm	Ø4.3mm	Ø4.3mm	Ø4.3mm
Collar Height	2mm	3mm	4mm	5mm

- Recommended Seating Torque 30 N-cm

Ø5.0mm



TRI-CAM Ø5.0mm Platform
Zest LOCATOR® Abutment



Product No.	206-8767	206-8768	206-8769	206-8770
Diameter	Ø5.0mm	Ø5.0mm	Ø5.0mm	Ø5.0mm
Collar Height	2mm	3mm	4mm	5mm

- Recommended Seating Torque 30 N-cm

Zest LOCATOR® Components

REPLACEMENT MALE - SETS

Each Set includes:

- (1) Denture Cap with Black Processing Male
- (1) White Block-Out Spacer
- (3) Nylon Retention Males: 1 each of the Dual or Extended Range Nylon Retention Males

Dual Retention Replacement Male

Two retention surfaces, the outer ring and the center nipple allows for maximum hold. Good for use with divergent implants up to 10° (accommodates up to 20° between 2 or more implants).

Extended Range Replacement Male

Single retention surface using only the outer ring with the inner nipple removed. Good for use with divergent implants up to 20° (accommodates up to 40° between 2 or more implants).



Zest LOCATOR® Replacement
Dual Retention Male Sets

2 sets / pkg - 206-85192
10 sets / pkg - 206-851910



Zest LOCATOR® Replacement
Extended Range
Male Sets

2 sets / pkg - 206-85402
10 sets / pkg - 206-854010

REPLACEMENT PROCESSING PACKS

- Available in various retention strengths
- Sold in packages of 4

						
Color	Clear	Pink	Blue	Green	Orange	Red
Item #	206-8524	206-8527	206-8529	206-8547	206-8915	206-8548
Retention	Standard	Light	Extra Light	Standard	Light	Extra Light
Lbs.	5 lbs.	3 lbs.	1.5 lbs.	3-4 lbs.	2 lbs.	0.5-1.5 lbs.
Grams	2268	1361	680	1361-1814	907	226-680
Qty/Pack	4/pack	4/pack	4/pack	4/pack	4/pack	4/pack

Male Processing Pack

Male Processing Pack
(Extended Range)

Zest LOCATOR® Male
Installation / Removal Tool
This end for LOCATOR Abutments

ZEST LOCATOR® LAB COMPONENTS



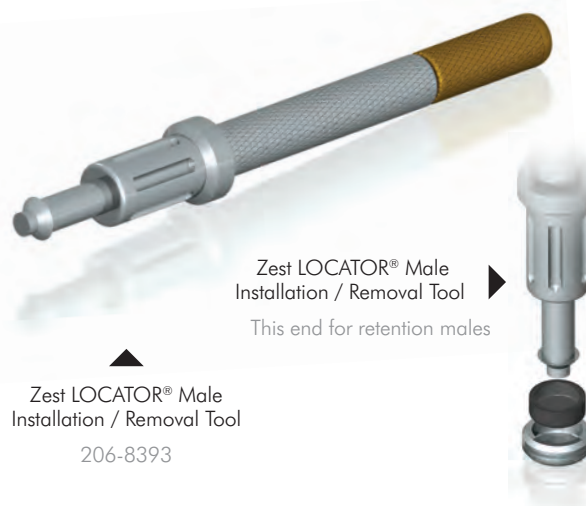
Zest LOCATOR®
White Block-Out
Spacer - 20/pkg
206-8514



Zest LOCATOR®
Transfer - 4/pkg
206-8505



Zest LOCATOR®
Analog - 4/pkg
206-8516



Zest LOCATOR® Male
Installation / Removal Tool
This end for retention males

Zest LOCATOR® Male
Installation / Removal Tool
206-8393

infinity TRI-CAM Surgical Protocol



TRI-CAM Implant Placement Protocol Implant Site Preparation

Site Preparation of the Implant Bed (Example shown for Ø5.0mm x 11.5mm length)

Step 1 - Determine Tissue Depth

- Prior to drilling, use a tissue probe to determine the soft tissue depth.

Step 2 & 3 – Preparing the Surgical Site

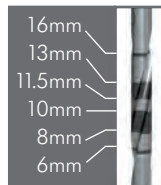
- Make a mesio-distal incision along the buccal side of the alveolar crest through the mucoperiosteum and attached gingiva to the bone and reflect the flap.

Step 4 - Marking the Implant Site

- Using a handpiece at 800 to 1200rpm and copious irrigation, mark the initial osteotomy using the Ø1.6mm round drill.

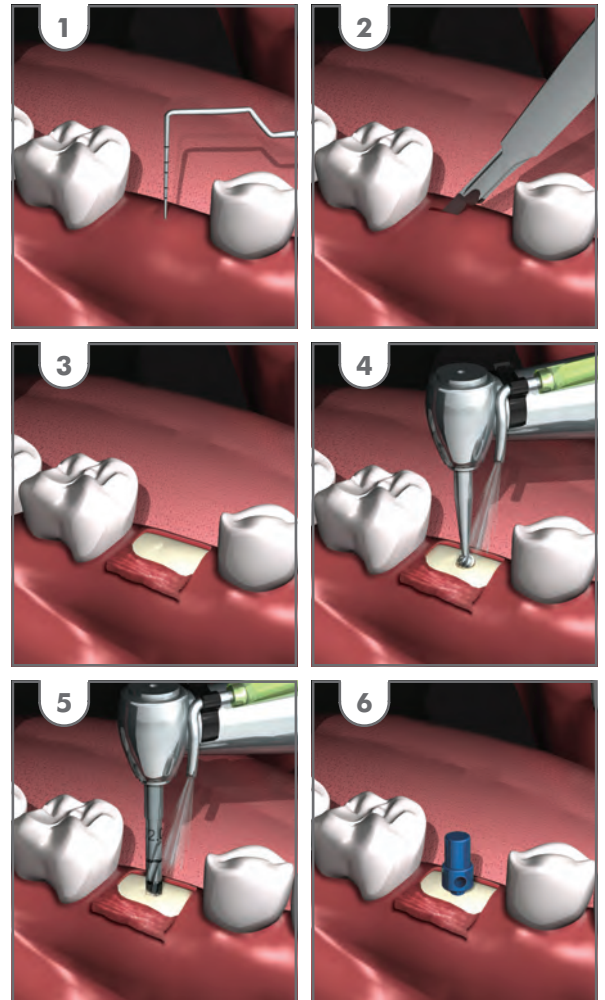
Step 5 - Drilling the Pilot Hole

- Drill the initial pilot osteotomy using the Ø2.0mm tapered implant drill.
- Drill to appropriate implant length.



Step 6 - Check Parallel Alignment

- Confirm the appropriate drill angle with the 2mm side of the paralleling pin.
- Osteotomy corrections can be made during the following drilling step.



Continued on following page

Caution: The size of the implants are 0.6mm longer in length than what is described.
The Tapered Surgical Drills are 1.5mm longer in length than what is described.



TRI-CAM Implant Placement Protocol

Implant Site Preparation

Site Preparation of the Implant Bed (Example shown up to the Ø5.0mm x 11.5mm length)

When drilling steps 7A, 7B, and 7C, select the drill lengths that correspond with the TRI-CAM dental implant body being placed.

Step 7A - Drill for all Implant Diameters



Select the corresponding Ø3.5mm tapered implant drill to match the length of the implant. Drill to the top of the cutting edge as shown.

NOTE: If placing a Ø3.5mm implant, this is the final drilling step. Proceed to step 8.

Step 7B - Drill for Ø4.3mm and Ø5.0mm Implants



Select the corresponding Ø4.3mm tapered implant drill to match the length of the implant. Drill to the top of the cutting edge as shown.

NOTE: If placing a Ø4.3mm implant, this is the final drilling step. Proceed to step 8.

Step 7C - Drill for Ø5.0mm Implant

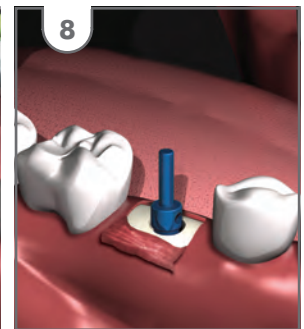
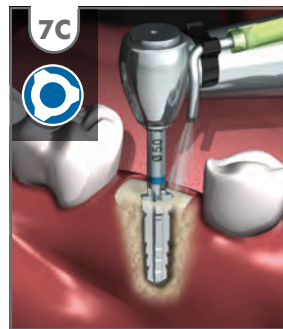
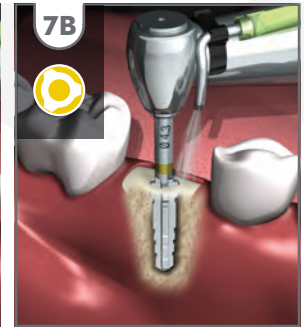
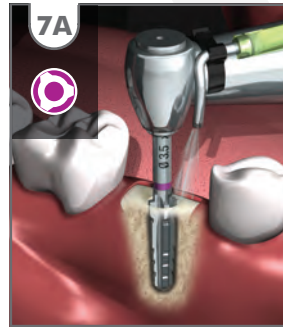


Select the corresponding Ø5.0mm tapered implant drill to match the length of the implant. Drill to the top of the cutting edge as shown.

NOTE: If placing a Ø5.0mm implant, this is the final drilling step. Proceed to step 8.

Step 8 - Check Parallel Alignment

- Confirm the appropriate drill angle for the next osteotomy.



TRI-CAM Implant Placement Protocol

Dense Bone Implant Site Preparation (optional)*

Site Preparation of the Implant Bed (Example shown for Ø5.0mm x 11.5mm length)



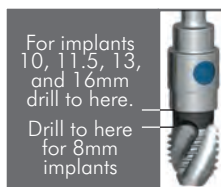
Step 1 - Dense Bone Drill (optional)

- Select appropriate Crestal Bone Drill platform diameter.
- Drill to the top marking on the Crestal Bone Drill.



Step 2 - Bone Taps (optional)*

- Select appropriate Bone Tap diameter.
- Use low speed (20rpm).
- For 8mm implants, tap to the bottom marking on the bone tap.
- For 10-16mm implants, tap to the top marking on the bone tap.



* The bone tap is recommended for use in all Ø3.5mm TRI-CAM Implant placements.



TRI-CAM Implant Placement Protocol

Loading Implant Onto Driver

Step 1 - Implant Packaging

- Remove the TRI-CAM Dental Implant Tyvek® sealed blister package from the outside box. Open this blister package over a sterile field by locating and pulling off the sealed Tyvek® lid. With the blister package open, drop the sterile inner implant vial onto the sterile field.

Step 2 - Break Sterile Strip - Remove Cap

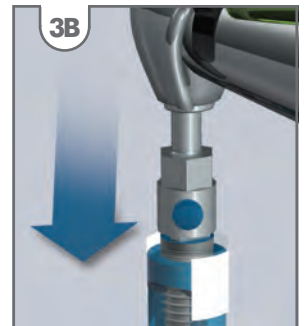
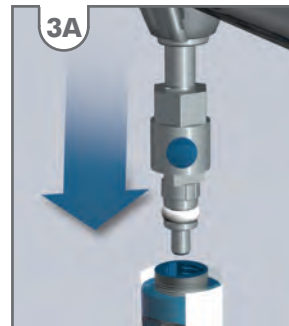
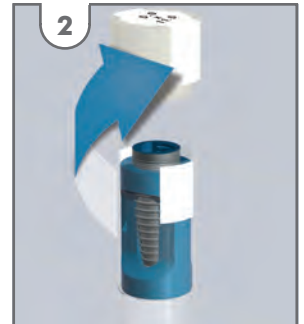
- Open the sterile implant vial by breaking the tamper proof tape and removing the cap using a gentle twisting and pulling motion.

Step 3A - Choose the Driver

- Pick up the TRI-CAM Dental Implant body from the vial by using either the ratchet or contra-angle driver tool.

Step 3B - Loading the Driver

- Carefully rotate and engage the mating cams of the implant and driver tool in a downward direction. For complete engagement the cams on the tool must be completely buried inside the implant body.
- Use caution when bringing implant to the surgical site.



TRI-CAM Implant Placement Protocol

Placing Implant Into Osteotomy

(Example placing Ø5.0mm x 11.5mm length Standard Platform Implant)

Step 1 - Placement Setup and Speed*

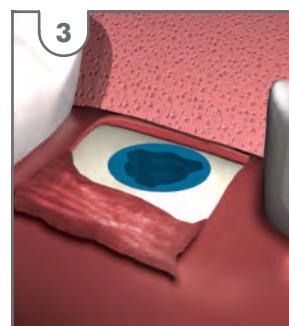
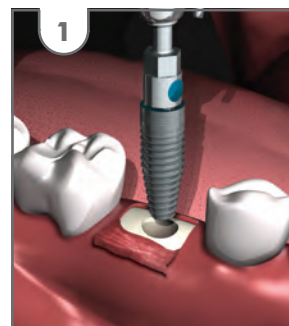
- With the TRI-CAM Dental Implant attached to the driver tool, insert the implant into the prepared osteotomy using an implant placement speed of 20rpm and a maximum insertion torque of 45 N-cm.
- If the implant does not seat at 45 N-cm, back the implant out of the osteotomy, place the implant back into the sterile vial, then refer to the dense bone site preparation protocol (page 21).

Step 2 - Seating the Implant

- Drive the implant until fully seated and flush with the crest of the bone ridge. Do not exceed 45 N-cm.

Step 3 - Disengage and Alignment

- After placement, disengage the hand or contra-angle implant driver tool from the implant by pulling off the tool in a straight upward direction.
- It is important that one of the implant's cams is facing the buccal wall when seated. To assist in this process, the hexagon on the shaft of tool is aligned with triangle points on the driver cam.



*External irrigation may be used to minimize heating during this process.



TRI-CAM Implant Placement Protocol

Two-Stage Healing Option

Step 1 - Loading the Implant Cover Screw

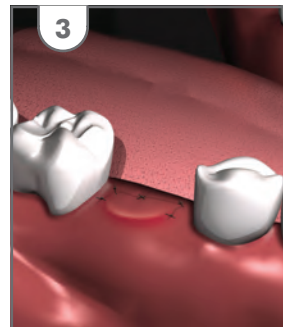
- The implant cover screw is located inside the bottom cap of the implant vial. Using one of the 6-point spline drivers, turn counter-clockwise to release the screw from the cap.

Step 2 - Placing the Implant Cover Screw

- Carefully place the implant cover screw into the implant and securely tighten into place.

Step 3 - Closing Tissue

- Suture the tissue over the cover screw using standard surgical protocols.



TRI-CAM Implant Placement Protocol

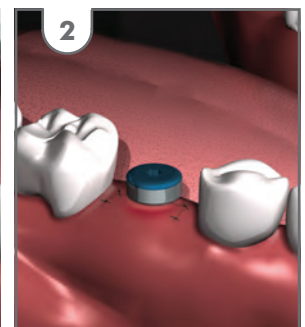
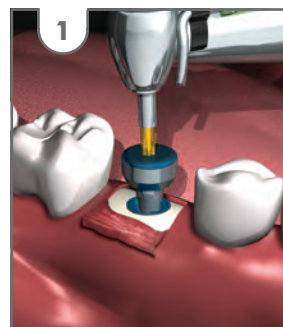
Single-Stage Healing Option

Step 1 - Healing Cap

- Using one of the 6-point spline drivers, place the appropriate healing cap into the implant using the recommended seating torque of 20 N-cm and secure tightly into place.

Step 2 - Closing Tissue

- Suture the tissue around the healing cap using standard surgical protocols.





infinity **TRI-CAM** Prosthetic Protocol



TRI-CAM Implant Prosthetic Protocol **Implant Level Impression Technique - Closed Tray**

Step 1 - Removing the Healing Cap or Cover Screw

- Using one of the 6-point spline drivers, remove the healing cap or cover screw from the implant.

Note: In the case of bony overgrowth, use a curette to carefully clear the surface of the implant to provide direct access for transfer seating.

Step 2 - Place the Closed Tray Impression Transfer

- Use finger pressure to seat the closed tray transfer with transfer retaining screw using one of the 6-point spline drivers.
- A radiograph may be taken to verify proper seating of the closed tray impression transfer.

Step 3 - Impression Preparation

- Use a cotton pellet or other like material to protect the head of the retaining screw. Fill the access hole to prevent impression material from entering.
- Using impression material, encase the transfer.

Step 4 - Take Impression

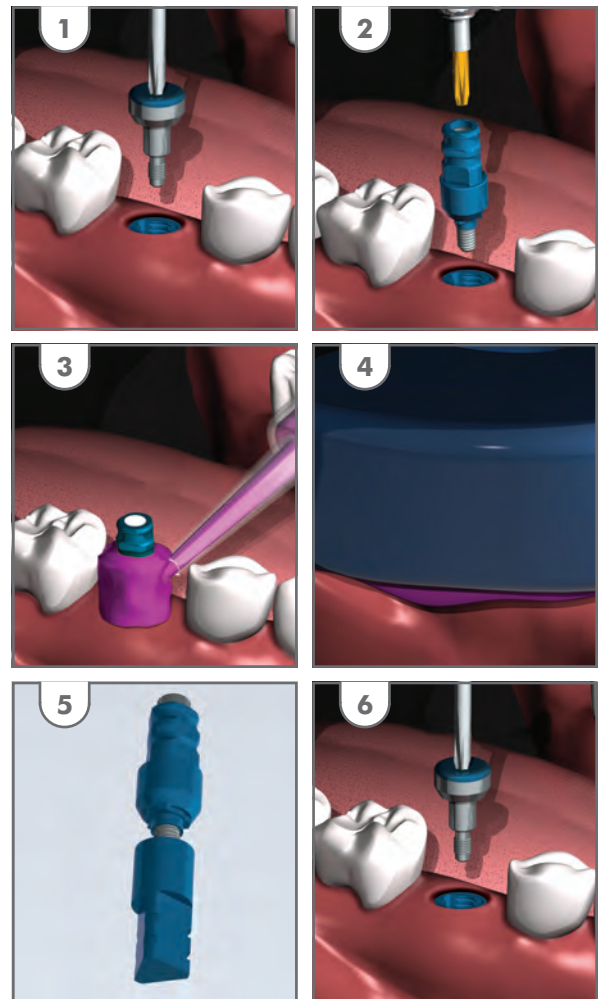
- Place the loaded impression tray into the mouth, apply pressure and allow the impression materials to set.

Step 5 - Removing Transfer

- Once impression tray is lifted, unblock the transfer retaining screw opening. Using the 6-point spline driver, remove the transfer.
- Remove the impression transfer and materials protecting the head of the retaining screw.
- Thread the impression transfer onto the corresponding implant analog.
- Send the complete implant analog assembly and the impression to dental laboratory for model fabrication.

Step 6 - Replace Healing Cap

- Re-seat the healing cap with a 6-point spline driver using the recommended seating torque of 20 N-cm.





TRI-CAM Implant Prosthetic Protocol

Implant Level Impression Technique - Open Tray

Step 1 - Removing the Healing Cap or Cover Screw

- Using one of the 6-point spline drivers, remove the healing cap or cover screw from the implant.

Note: In the case of bony overgrowth, use a curette to carefully clear the surface of the implant to provide direct access for transfer seating.

Step 2 - Placing the Open Tray Impression Transfer

- Seat the open tray transfer with transfer retaining screw using the 6-point spline driver.

Step 3 - Prepare An Opening in Tray

- Mark and then cut a Ø5-10mm opening in the top of the impression tray at the exact area where the transfer will protrude.

Step 4 - Impression Preparation

- Using impression material, encase the transfer.

Step 5 - Take Impression

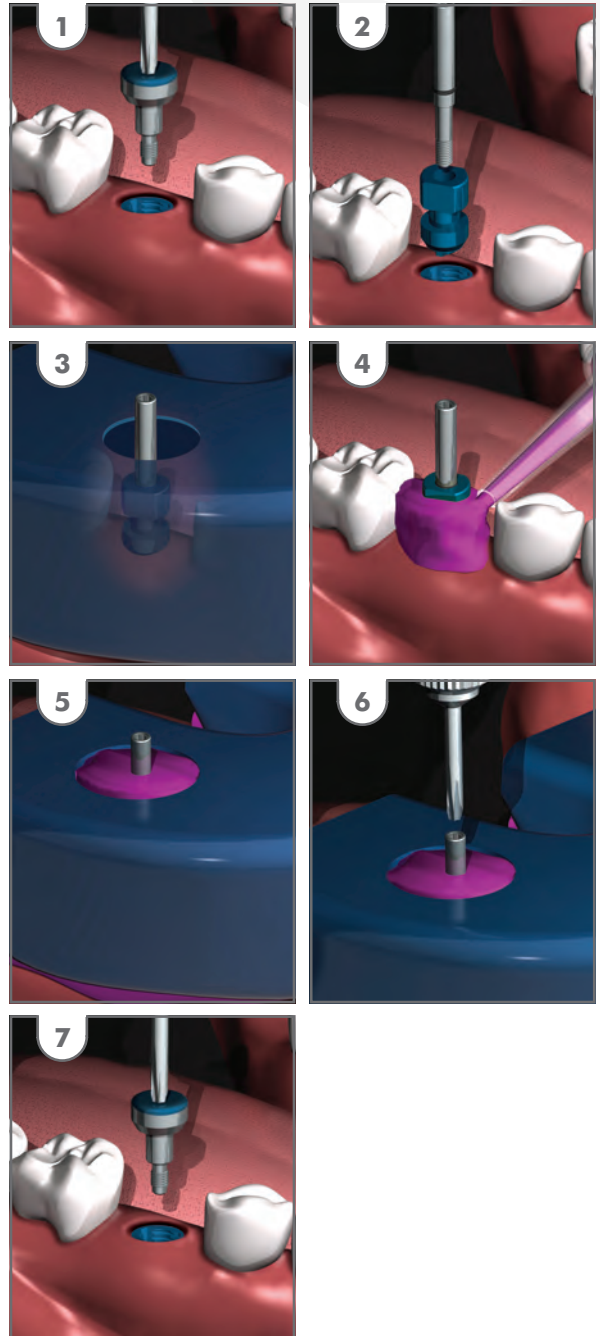
- Place the loaded impression tray into the mouth, apply pressure, and allow both impression materials to set.

Step 6 - Removing Tray and Transfer

- Using one of the 6-point hand spline drivers, carefully remove just the retaining screw through the access hole, leaving the open tray transfer in the impression.
- Once impression has set, passively remove the impression with the remaining impression transfer embedded.
- Send the impression along with the laboratory components to the dental laboratory for model fabrication.

Step 7 - Replace Healing Cap

- Clean the implant area and healing cap.
- Re-seat the healing cap with a 6-point spline driver using the recommended seating torque of 20 N-cm.





TRI-CAM Implant Prosthetic Protocol

Prepable Abutment Impression Technique

Step 1 - Removing the Healing Cap or Cover Screw

- Using one of the 6-point spline drivers, remove the healing cap or cover screw from the implant.

Note: In the case of bony overgrowth, use a curette to carefully clear the surface of the implant to provide direct access for final abutment seating.

Step 2 - Preparing the Prepable Abutment

- Seat the infinity abutment with the included retaining screw and mark for preparations. Mark the abutment's final height and gingival contour.

Step 3 - Abutment Preparation

- Remove the abutment and attach to implant analog and make any necessary adjustments.
- Re-seat the abutment with the included retaining screw and torque to 30 N-cm.

Step 4 - Impression Preparation

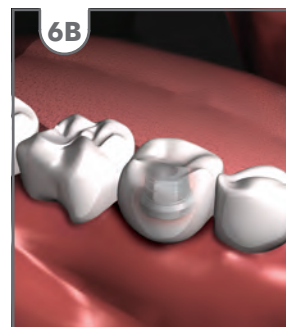
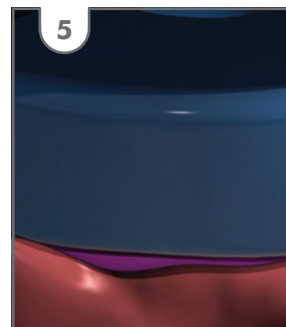
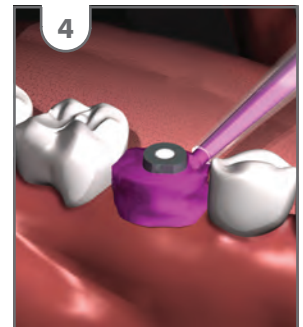
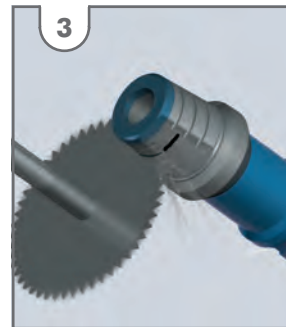
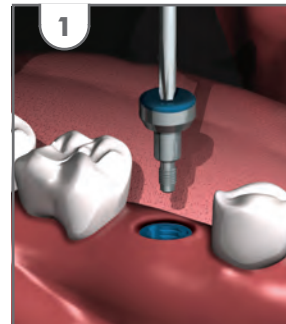
- Use a cotton pellet or other like material to protect the head of the retaining screw. Fill the access hole to prevent impression material from entering the Abutment.
- Using impression material, encase the Abutment.

Step 5 - Take Impression

- Place the loaded impression tray into the mouth, apply pressure, and allow impression material to set.
- Send impression to laboratory.

Step 6A, 6B - Temporary Process

- A temporary crown can be made and cemented to the prepped abutment or left in place while the final prosthetic is being made.





TRI-CAM Implant Prosthetic Protocol

LOCATOR® Abutment

Step 1 - Removing the Healing Cap or Cover Screw

- Using one of the 6-point spline drivers, remove the healing cap or cover screw from the implant.

Note: In the case of bony overgrowth, use a curette to carefully clear the surface of the implant to provide direct access for transfer seating.

Step 2 - Placing the LOCATOR® Abutment

- Seat the LOCATOR Abutment by hand using finger pressure.

Step 3A, 3B - Torque the LOCATOR® Abutment

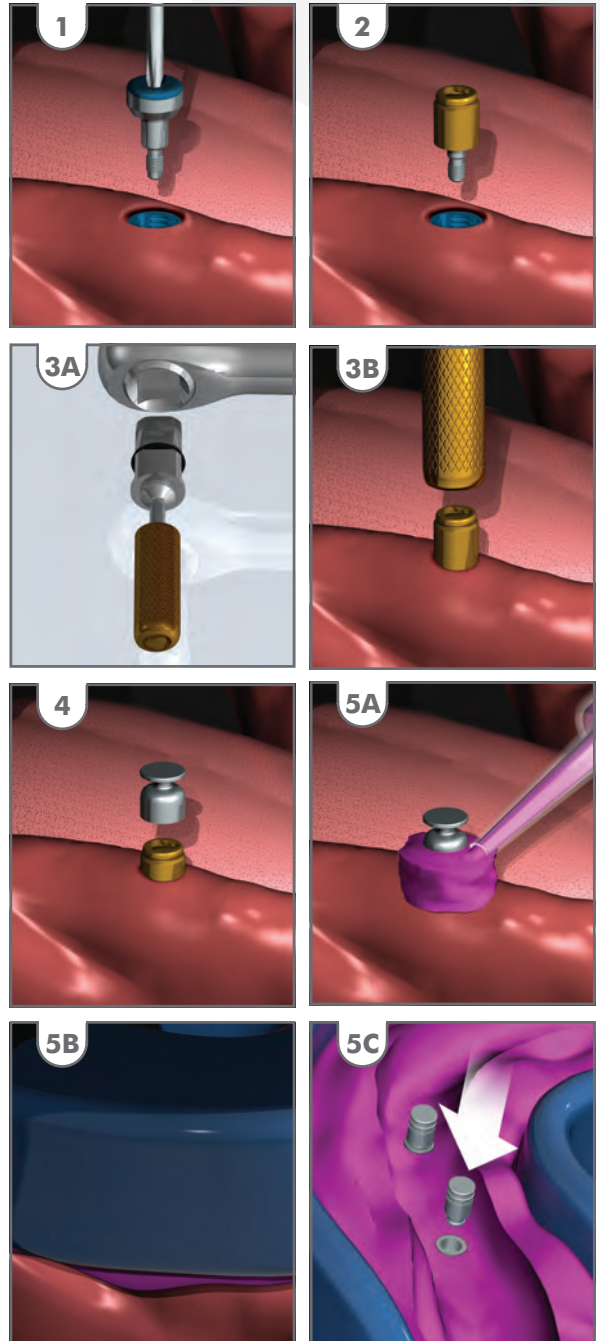
- Once seated on the implant, torque the LOCATOR abutment to 30 N-cm using the brass end of the LOCATOR male installation tool with a standard 1.25mm Hex Driver (20-1510-01).

Step 4 - Impression Preparation

- Place the LOCATOR impression transfers onto the abutments.

Step 5A, 5B, 5C - Take Impressions

- Using impression material, cover the transfers.
- Place the loaded impression tray into the mouth, apply pressure, and allow impression material to set.
- Remove impression and send along with laboratory components to the laboratory.



infinity Implant Warranty

The infinity Dental Implant System warranty program is designed to support all clinicians involved with an implant that may fail. This warranty will address all aspects of the procedure as long as either an infinity implant or restorative component was used in conjunction with the failed dental implant.

This warranty addresses the following:

- A – An Unsuccessful Placement Failure**
- B – A Post-Placement and Pre-Loading Failure**
- C – A Post-Loading Failure**
- D – A Post-Loading Failure utilizing a different implant manufacturer but using ACE Restorative components.**

A – UNSUCCESSFUL PLACEMENT FAILURE

ACE will replace, with an identical implant, any infinity implant that could not be placed at time of surgery for any reason.

The process will be as follows:

- The Customer Service Department is notified of the failure.
- A Return Merchandise Authorization (RMA) is prepared by the Customer Service Department and sent to the customer.
- An identical implant will be sent and billed to the customer.
- The customer will use the provided RMA to send ACE the unsuccessful implant in a sterile package.
- Upon receipt of the unsuccessful implant, ACE will credit the billed implant replacement.

B – POST-PLACEMENT; PRE-LOADING FAILURE

ACE will replace any infinity implant that for any reason fails Post-Placement; Pre-Loading.

ACE will provide the following:

1. An identical infinity implant to the failed implant.
 2. A \$150 product credit on any ACE regenerative products, sutures or instrumentation needed to graft the site.
- **** In addition to the return process outlined above in "A", the surgeon will need to provide an x-ray showing the compromised site.

C – POST-LOADING FAILURES

ACE will replace any infinity implant that fails for any reason Post-Loading.

ACE will provide the following:

1. An identical infinity implant.
2. infinity restorative components to match the infinity implant.
3. In the event of a defect corresponding to the failed implant site, a \$150 product credit will be provided on any ACE regenerative products, sutures or instrumentation needed to graft the site.
4. One additional infinity implant and corresponding restorative components to the restoring dentist or the equivalent product value.

The return process is outlined above in "A".

D – IMPLANT FAILURES WITH OTHER MANUFACTURER'S IMPLANTS AND infinity RESTORATIVE COMPONENTS

In the event that another manufacturer's implant fails and has an infinity restorative components used in the restoration ACE will provide the following:

1. ACE will replace the restorative components.
2. ACE will provide the surgeon with a similar infinity implant as to the original failed implant.

The return process is outlined above in "A".

Please contact your ACE representative with any warranty related issues.

ACE Surgical Supply Co., Inc.

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