ACE

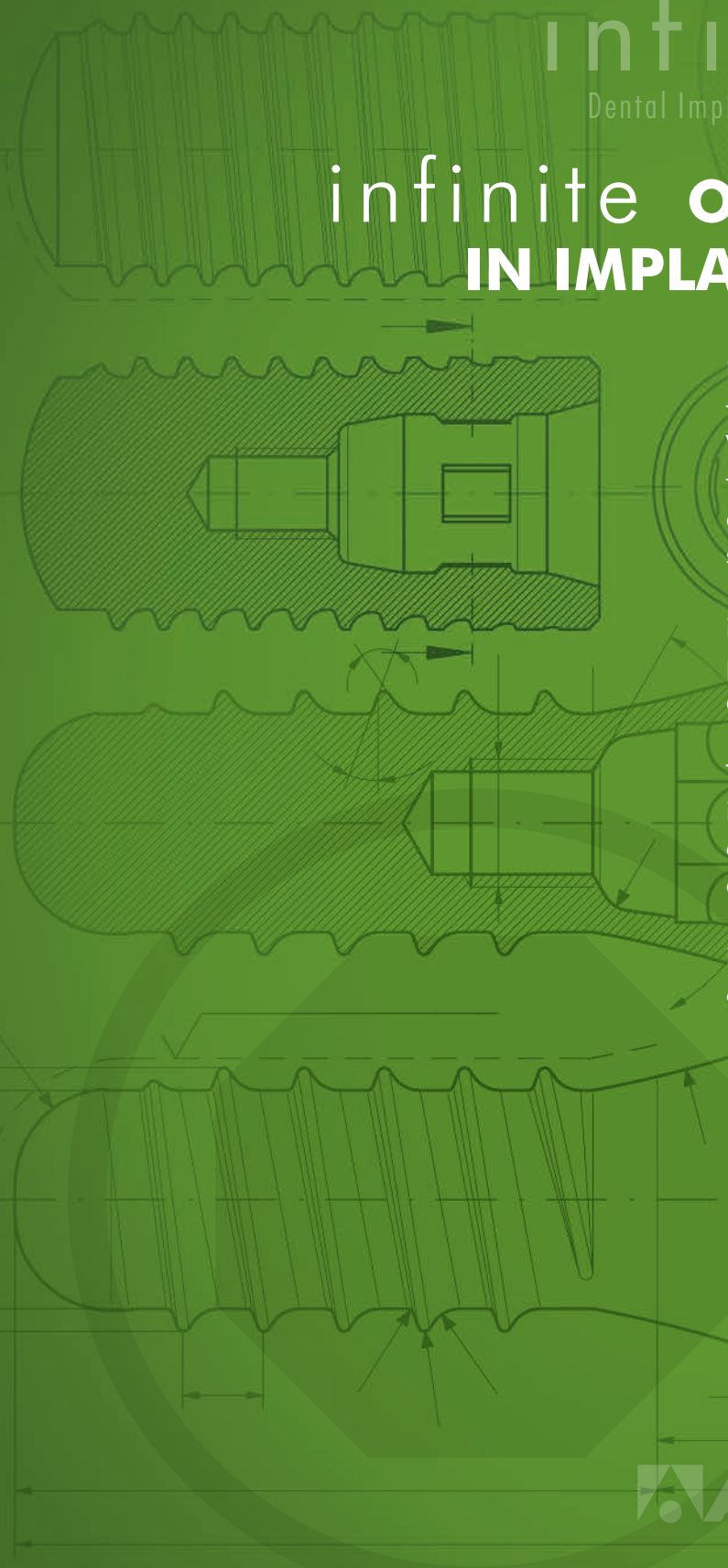
infinity

Dental Implant Systems

OCTAGON Implant System

infinity
Dental Implant Systems

infinite **OPPORTUNITIES IN IMPLANTOLOGY**



For 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.

infinity Dental Implant Systems allow you to place and restore our implants with confidence and without the added expense.

The infinity OCTAGON Dental Implant System is committed to delivering a functional and esthetic dental implant solution to both you and your patients.

infinity implants—infinite innovation, endless opportunities in implantology.

ACE

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infinity
Dental Implant Systems

Table of Contents

ACE Surgical Supply Co., Inc.
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infinity
Dental Implant Systems

Introduction to infinity **OCTAGON** Implants

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

The implants are manufactured from grade 4 pure titanium and are available in tissue level and bone level versions. The surface in the endosteal section is sandblasted with large particles of corundum and acid-etched. The macro-roughness exhibits a roughness profile of 20 to 40μm with micro-roughness of 2 to 4μm, providing an optimal surface topography for osseointegration.

From a single tooth to a full arch restoration, infinity OCTAGON implants and prosthetics are easy to use and restore. The implant system is functionally identical at a price that makes sense for your practice.

OCTAGON
Bone Level
Dental Implants

OCTAGON
BONE LEVEL
NARROW PLATFORM (NP)

Ø 3.3mm

OCTAGON
BONE LEVEL
REGULAR PLATFORM (RP)

Ø 4.1mm

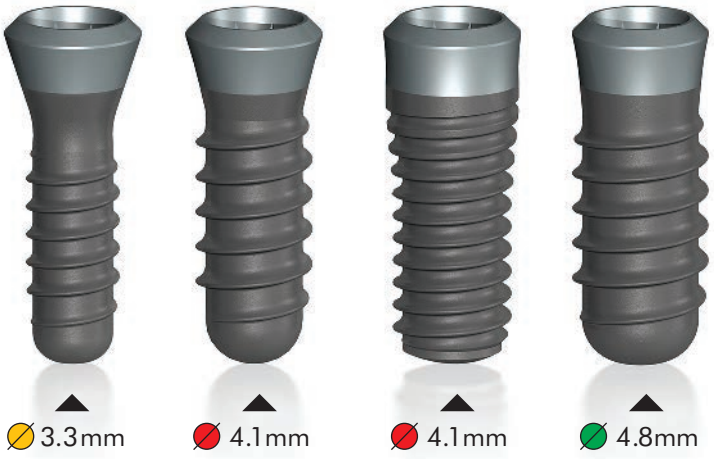
Ø 4.8mm

infinity
Dental Implant Systems

OCTAGON
Tissue Level Dental Implants

TISSUE LEVEL RP PLATFORM

OCTAGON
TISSUE LEVEL
REGULAR PLATFORM (RP)



TISSUE LEVEL WP PLATFORM

OCTAGON
TISSUE LEVEL
WIDE PLATFORM (WP)

INTERNAL OCTAGON CONNECTION

The infinity OCTAGON Tissue Level implants are connected to the prosthetic restoration via an 8° inner cone with additional rotation stop.

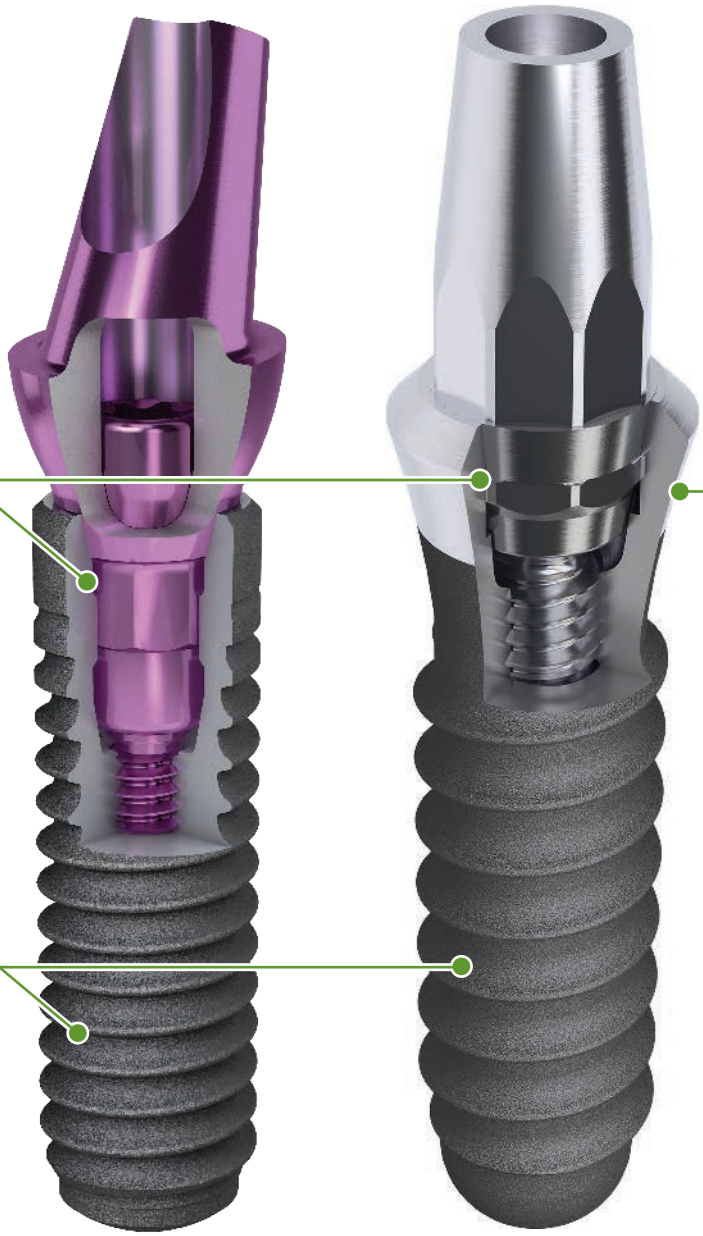
infinity OCTAGON Bone Level implants are connected to the prosthetic components via a 15° inner cone and internal grooves, whereby an octagonal geometry of the abutments secures the prosthetic components in position. The implant and abutment components are compatible with the leading octagon systems on the market.

Use your existing surgical instrumentation to place the OCTAGON implants or utilize the precision engineered tooling that comes standard with the infinity OCTAGON surgical kit.

STRAIGHT & TAPERED

The infinity OCTAGON Bone Level implants are designed STRAIGHT while the infinity OCTAGON Tissue Level Implants are available in either STRAIGHT or TAPERED Effect designs.

The TAPERED Effect Implant design (available as a Ø4.1mm Tissue Level Implant) is ideal for immediate (same day as extraction) and early implantation (6-8 weeks post extraction).



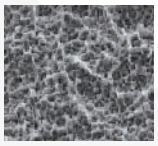
A PERFECT CONNECTION

The measurement of the microgap between implant and prosthetics is between 0.34 - 0.76µm (shown in the SEM below with a 0.46µm), resulting in a microgap of less than 1µm and leaving a perfect connection between every implant and attachment.

PURE TITANIUM

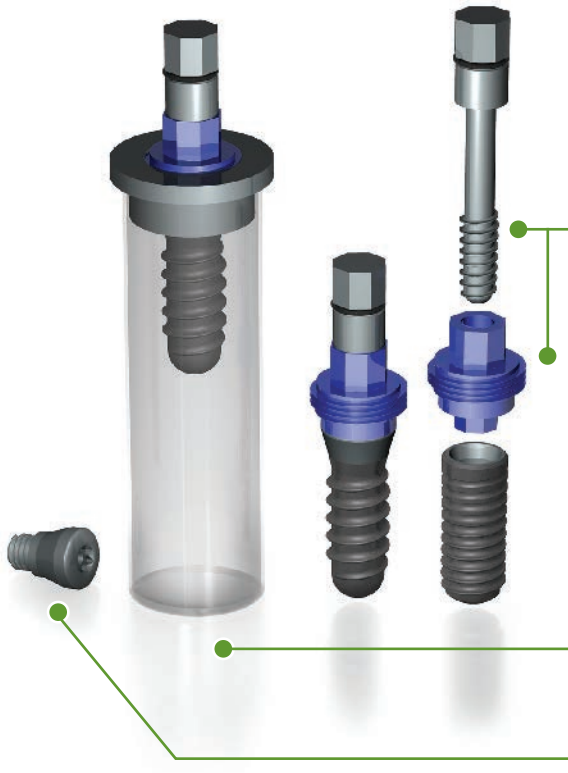
OCTAGON implants are manufactured from grade 4 pure titanium.

TEXTURED SURFACE



The surfaces in the endosteal section are Sandblasted with Large particles of corundum (> 99% Al2O3 = aluminum oxide) and Acid-etched.

The macro-roughness exhibits a profile of 20 to 40 µm with micro-roughness of 2.0 to 4.0 µm.



IMPLANT TRANSFER MOUNT

A titanium transfer mount and transfer screw is included and packaged sterile with the implant. The implant transfer mount is connected to the implant for secure implant placement and implant removal from the vial.

IMPLANT SUSPENSION CHAMBER

The suspension chamber securely supports the implant, which allows for easy removal once the cap has been removed.

COVER SCREW

Included with every implant inside the inner blister, below the vial.

LIFETIME WARRANTY

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

(See page 43 for details)

1.8 MM POLISHED COLLAR

The coronal section of the Tissue Level implant has a 1.8 mm polished collar. Due to its geometry, the implant design respects the biological width used in an extended range of indications.

Depending on the surgical evaluation, this type of implant can be placed transgingival, semigingival or subgingival thus providing optimal soft tissue management.

STERILE PACKAGING

All implants and accompanying cover screws come packaged sterile. The package is labeled with easy to identify product information.

CONTAINED IMPLANT

Vial packed implant suspension and easy to retrieve cover screw.

IMPLANT BOX

Implant style, size and platform specifications are clearly marked to distinguish the OCTAGON product.

INSTRUCTIONS

Every implant comes complete with instructions for use and implant package removal instructions.

PATIENT RECORD LABELS

Every implant is packaged complete with patient labels.

infinity
Dental Implant Systems

infinity **OCTAGON**

Bone Level Implants and Prosthetics

OCTAGON BONE LEVEL

⌀3.3mm Narrow Platform

Product No.	503308BL	503310BL	503312BL	503314BL
Diameter	Ø3.3mm	Ø3.3mm	Ø3.3mm	Ø3.3mm
Length	**8mm**	**10mm**	**12mm**	**14mm**

NP IMPLANT COVER SCREW 0.5mm H
Included sterile with implant
5022014

NP IMPLANT COVER SCREW 0.0mm H
Optional
5022013

OCTAGON BONE LEVEL

Narrow Platform Healing Abutments

Fits ⌀3.3mm - Implants
- Uses OCTAGON Screwdrivers
- Recommended Torque 15 N-cm

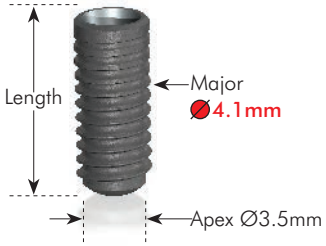
Product No.	5022017	5022018	5022019	5022020	5022021	5022022
Platform	Narrow	Narrow	Narrow	Narrow	Narrow	Narrow
Collar Width (CW)	3.6mm	3.6mm	3.6mm	4.8mm	4.8mm	4.8mm
Collar Height (CH)	2.0mm	3.5mm	5.0mm	2.0mm	3.5mm	5.0mm

OCTAGON BONE LEVEL

Ø4.1mm Regular Platform

Product No.	504108BL	504110BL	504112BL	504114BL
Diameter	Ø4.1mm	Ø4.1mm	Ø4.1mm	Ø4.1mm
Length	**8mm**	**10mm**	**12mm**	**14mm**

Ø4.1mm
Regular
Platform



RP IMPLANT COVER SCREW 0.5mm H
Included sterile with implant
5022099

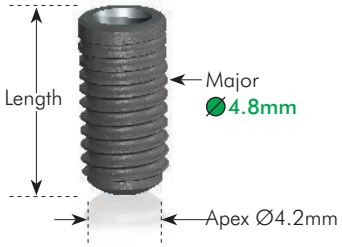
RP IMPLANT COVER SCREW 0.0mm H
Optional
5022098

OCTAGON BONE LEVEL

Ø4.8mm Regular Platform

Product No.	504808BL	504810BL	504812BL	504814BL
Diameter	Ø4.8mm	Ø4.8mm	Ø4.8mm	Ø4.8mm
Length	**8mm**	**10mm**	**12mm**	**14mm**

Ø4.8mm
Regular
Platform



RP IMPLANT COVER SCREW 0.5mm H
Included sterile with implant
5022099

RP IMPLANT COVER SCREW 0.0mm H
Optional
5022098

OCTAGON BONE LEVEL

Regular Platform Healing Abutments

Fits Ø4.1mm - Implants and Ø4.8mm - Implants
- Uses OCTAGON Screwdrivers
- Recommended Torque 15 N-cm

Product No.	5022090	5022091	5022092	5022093	5022094	5022095	5022123
Platform	Regular	Regular	Regular	Regular	Regular	Regular	Regular
Collar Width (CW)	5.0mm	5.0mm	5.0mm	6.5mm	6.5mm	6.5mm	7.0mm
Collar Height (CH)	2.0mm	4.0mm	6.0mm	2.0mm	4.0mm	6.0mm	Prepable

OCTAGON BONE LEVEL

Narrow Platform Straight and Angled Abutments

Fits ⌀3.3mm Implants

Impression Coping & Analog

Product No.	5022015	5022016
Platform	Impression Coping w/ Screw	Implant Analog
Type	Open Tray	–
Collar Width (CW)	4.0mm	–

Straight Abutments

- Recommended Torque 35 N-cm
- Includes basic abutment screw

Manufactured from grade 4 pure titanium

Product No.	5022027	5022028	5022029	5022023	5022024
Angle	0°	0°	0°	0°	0°
Length	5.5mm	5.5mm	5.5mm	6.0mm	6.0mm
Collar Height (CH)	1.0mm	2.0mm	3.0mm	2.0mm	3.0mm
Collar Width (CW)	3.5mm	3.5mm	3.5mm	3.5mm	3.5mm
Type	Cementable	Cementable	Cementable	Cementable	Cementable

Angled Abutments

- Recommended Torque 35 N-cm
- Includes basic abutment screw

Manufactured from grade 4 pure titanium

NOTE: Angled Abutment availability for U.S. market is pending FDA clearance.

Product No.	5022025	5022026
Angle	18°	18°
Length	6.0mm	6.0mm
Collar Height (CH)	1.5mm	3.0mm
Collar Width (CW)	3.5mm	3.5mm
Type	Cementable	Cementable

Plastic Copings and Replacement Screws

Product No.	5022035	5022034	5022030	5022043
Platform	Ø3.5mm Burn-out Coping	Ø3.5mm Burn-out Coping	Abutment Screw for: 5022023 5022024 5022025 5022026	Abutment Screw for: 5022027 5022028 5022029
Type	Bridge	Crown		
For Use With	All NP Abutments	All NP Abutments	Cementable Abutments	Cementable Abutments

OCTAGON BONE LEVEL

Regular Platform Straight and Angled Abutments

Fits ⌀4.1 and ⌀4.8mm Implants

Impression Copings & Analog

Product No.	5022096	5022088	5022089	5022097
Platform	Impression Coping w/ Screw	Impression Coping w/ Screw	Impression Coping w/ Screw	Implant Analog
Type	Open Tray	Open Tray	Open Tray	–
Collar Width (CW)	4.5mm	5.0mm	6.5mm	–

Straight Abutments

- Recommended Torque 35 N-cm
- Includes basic abutment screw

Manufactured from grade 4 pure titanium

Product No.	5022106	5022107	5022108	5022109	5022110	5022115
Angle	0°	0°	0°	0°	0°	0°
Length	6.0mm	6.0mm	6.0mm	6.0mm	6.0mm	6.0mm
Collar Height (CH)	1.0mm	2.0mm	3.0mm	1.0mm	2.0mm	3.0mm
Collar Width (CW)	5.0mm	5.0mm	5.0mm	6.5mm	6.5mm	6.5mm
Type	Cementable	Cementable	Cementable	Cementable	Cementable	Cementable

Angled Abutments

- Recommended Torque 35 N-cm
- Includes basic abutment screw

Temporary Abutments

- Recommended Torque 15 N-cm

Manufactured from grade 4 pure titanium

NOTE:
Angled Abutment availability for U.S. market is pending FDA clearance.

Product No.	5022103	5022105
Angle	18°	18°
Length	8.0mm	8.0mm
Collar Height (CH)	1.5mm	3.0mm
Collar Width (CW)	⌀5.0mm	⌀5.0mm
Type	Cementable	Cementable

Product No.	5022121	5022122
Angle	0°	Replacement Basic Screw for RP Temporary and Angled Abutments
Collar Width	7.0mm	
Type	Temporary	

Plastic Copings and Replacement Screws

Product No.	5022116	5022117	5022118	5022119	5022120
Platform	⌀5.0mm Burn-out Coping	⌀5.0mm Burn-out Coping	⌀6.5mm Burn-out Coping	⌀6.5mm Burn-out Coping	Replacement Basic Screw for RP Straight Cementable Abutments
Type	Bridge	Crown	Bridge	Crown	
For Use With	All RP Abutments	All RP Abutments	All RP Abutments	All RP Abutments	

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Dental Implant Systems

infinity **OCTAGON**

Tissue Level Implants and Prosthetics

OCTAGON TISSUE LEVEL

∅3.3mm Regular Platform

Product No.	503308	503310	503312	503314
Diameter	Ø3.3mm	Ø3.3mm	Ø3.3mm	Ø3.3mm
Length	8mm	10mm	12mm	14mm

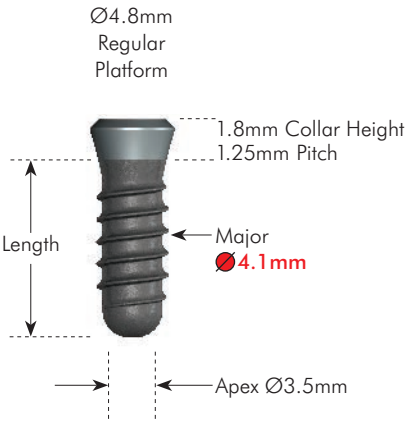
RP IMPLANT COVER SCREW Included sterile with implant

5031154

OCTAGON TISSUE LEVEL

⌀4.1mm Regular Platform

Product No.	504108	504110	504112	504114
Diameter	⌀4.1mm	⌀4.1mm	⌀4.1mm	⌀4.1mm
Length	8mm	10mm	12mm	14mm



RP IMPLANT COVER SCREW Included sterile with implant

5031154

OCTAGON TISSUE LEVEL

⌀4.1mm Regular Platform Tapered

Product No.	504110T	504112T
Diameter	⌀4.1mm	⌀4.1mm
Length	10mm	12mm

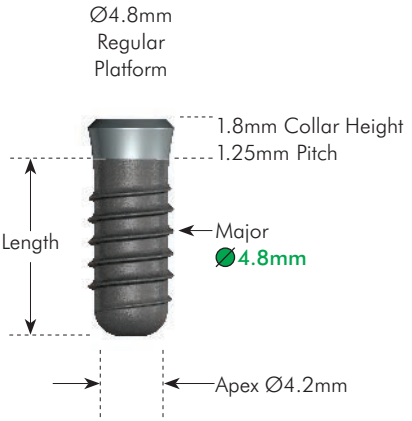
RP IMPLANT COVER SCREW Included sterile with implant

5031154

OCTAGON TISSUE LEVEL

Ø4.8mm Regular Platform

Product No.	504808	504810	504812	504814
Diameter	Ø4.8mm	Ø4.8mm	Ø4.8mm	Ø4.8mm
Length	8mm	10mm	12mm	14mm



RP IMPLANT COVER SCREW Included sterile with implant

5031154

OCTAGON TISSUE LEVEL

Ø4.8mm Wide Platform

Product No.	504808WP	504810WP	504812WP
Diameter	Ø4.8mm	Ø4.8mm	Ø4.8mm
Length	8mm	10mm	12mm

WP IMPLANT COVER SCREW Included sterile with implant

5093730

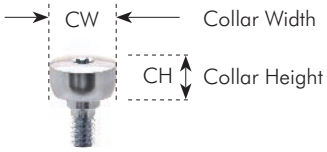
OCTAGON TISSUE LEVEL

Regular Platform Healing Abutments

Ø4.8mm Tissue Level
Regular Platform

- For use with RP and RPT Implants
- Uses OCTAGON Screwdrivers
- Recommended Seating Torque 15 N-cm

Product No.	5031155	5035683	5035736	5035751
Platform	Ø4.8mm	Ø4.8mm	Ø4.8mm	Ø4.8mm
Collar Width	4.8mm	4.8mm	4.8mm	4.8mm
Collar Height	1.5mm	2.0mm	3.0mm	4.5mm



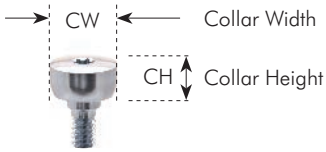
OCTAGON TISSUE LEVEL

Wide Platform Healing Abutments

Ø6.5mm Tissue Level
Wide Platform

- For use with WP Implants
- Uses OCTAGON Screwdrivers
- Recommended Seating Torque 15 N-cm

Product No.	5093731	5093732	5093733
Platform	Ø6.5mm	Ø6.5mm	Ø6.5mm
Collar Width	6.5mm	6.5mm	6.5mm
Collar Height	2.0mm	3.0mm	4.5mm



OCTAGON TISSUE LEVEL

Regular Platform Solid Abutments

Fits ⌀3.3mm, ⌀4.1mm, ⌀4.1mm Tapered and ⌀4.8mm Implants

Solid Abutment Transfer Components

Product No.	5055283	5055288	5055299	5055394
Type	Impression Cap	Positioning Cylinder	Positioning Cylinder	Positioning Cylinder
Color	for all Solid Abutments	Yellow	Grey	Blue

Solid Abutments

- Recommended seating torque 35 N-cm

Manufactured from grade 4 pure titanium

Product No.	5081038	5081083	5081096
Height	4mm	5.5mm	7mm
Color	Yellow	Grey	Blue

SOLID ABUTMENT DRIVER Short 5055668

SOLID ABUTMENT DRIVER Long 5072088

Solid Abutment Analogs

Product No.	5055396	5055397	5055400
Color	Yellow	Grey	Blue

Solid Abutment Plastic Copings

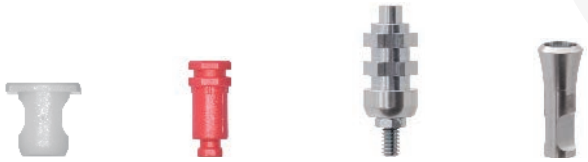
Product No.	5055478	5055487
Type	Bridge	Crown

OCTAGON TISSUE LEVEL

Regular Platform Straight and Angled Abutments

Fits ⌀3.3mm, ⌀4.1mm, ⌀4.1mm Tapered and ⌀4.8mm Implants

Impression Copings & Analog



Product No.	5055283	5084957	5031156	5031157
Product Name	Impression Cap	Positioning Cylinder	Impression Cap (w/Guide Screw)	Implant Analog
Tray Type	Closed Tray	Closed Tray	Open Tray	-

Straight Abutment

- Recommended torque 35 N-cm

Product No.	5031161	5031162	5031163
Height	5.5mm	Bridge/Bar	Crown
Type	Straight Cementable	Plastic Coping	Plastic Coping

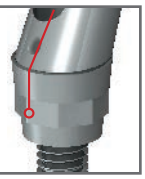
Angled Abutments

- Recommended torque 35 N-cm

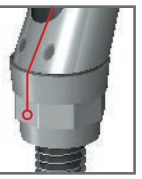
Manufactured from grade 4 pure titanium

Product No.	5038118	5038117	5082648	5082649	5038119	5038116	5082689
Height	6.7mm	6.7mm	6.7mm	6.7mm	5.7mm	5.7mm	RP Plastic Shoulder
Type	**A** 15° (see ● below) Cementable Only	**B** 15° (see ●● below) Cementable Only	**A** 15° (see ● below) Screwed or Cementable	**B** 15° (see ●● below) Screwed or Cementable	**A** 20° (see ● below) Screwed or Cementable	**B** 20° (see ●● below) Screwed or Cementable	For 15° / 20° Angled Abutments

VERSION A: ●
Angled against the vertex of the Octagon



VERSION B: ●●
Angled against one of the flat sides of the Octagon



RP OCCLUSAL SCREW
Required for All Screw Retained Abutments

5031160

Screw Retained Abutment

- Recommended torque 35 N-cm

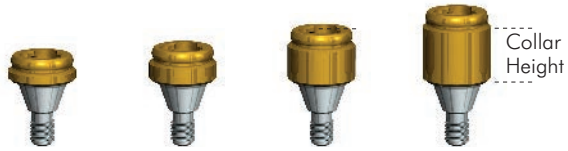
Product No.	5031164	5031165	5031166
Height	1.5mm	Bridge	Crown
Type	Straight	Plastic Coping	Plastic Coping

OCTAGON TISSUE LEVEL

Regular Platform Zest LOCATOR® Abutments

Fits ⌀3.3mm, ⌀4.1 Straight/Tapered and ⌀4.8mm Regular Platform Implants

- Recommended seating torque 35 N-cm



Product No.	206-8621	206-8622	206-8623	206-8624
Platform	Regular	Regular	Regular	Regular
Collar Height	2.0mm	3.05mm	4.0mm	5.0mm

Zest LOCATOR® Components

Replacement Male - Sets

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).

◀ Zest LOCATOR® Replacement Dual Retention Male Sets

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

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 Extended Range Male Sets

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

Each Set includes:
(1) Denture Cap with Black Processing Male
(1) White Block-Out Spacer
(3) Nylon Retention Males: 1 of each retention strength

Replacement Processing Packs

- Available in various retention strengths
- Packages of 4

Color	CLEAR	PINK	BLUE	GREEN	ORANGE	RED
Product No.	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.	.5-1.5 lbs.
Grams	2268	1361	680	1361-1814	907	226-680
	Male Processing Pack (Dual Retention)			**Male Processing Pack** (Extended Range)		

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® Instruments

Chairside Denture Prep & Polish Kit

- A comprehensive kit consisting of Recess, Trim, Undercut, Grind and Vent Burs, as well as a Polisher, all of which are designed to address the most frequent overdenture preparation requirements.
- A unique to the market CHAIRSIDE Recess Bur, specifically designed by ZEST Anchors, that quickly and easily prepares the exact size recess for the LOCATOR and SATURNO Denture Attachment Housings (Denture Caps)

Zest CHAIRSIDE Denture Prep & Polish Kit
206-09582

A CHAIRSIDE Recess Bur 206-09576
Precise Recess Preparation:
Used to create a space in the denture appropriately sized to provide the necessary clearance for the proper luting of ZEST LOCATOR® Denture Attachment Housings (Denture Caps).

B CHAIRSIDE Undercut Bur 206-09577
Optimized Housing Retention:
Used to create an undercut in the recess which will enhance the mechanical retention of the Denture Attachment Housings.

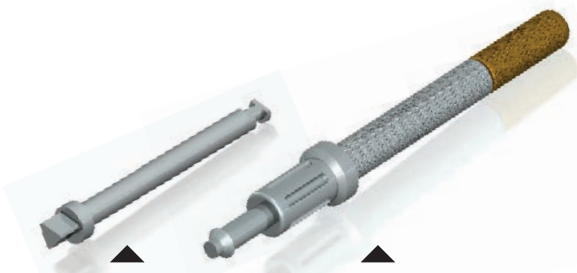
C CHAIRSIDE Vent Hole Bur 206-09578
Simple Vent-Hole Creation:
Used to make a hole from the bottom of the recess through the lingual wall of the denture, which will enable excess Attachment Acrylic to flow from the prosthesis. It also increases visibility of the Denture Attachment Housings within the recess providing predictable attachment pickup.

D CHAIRSIDE Trim Bur 206-09579
Efficient Post-Pickup Prosthesis Adjustment:
The CHAIRSIDE Trim Bur removes excess Attachment Acrylic and makes modifications to the prosthesis as needed after the Denture Attachment Housings have fully cured.

E CHAIRSIDE Grind Bur 206-09583
Efficient Post-Pickup Prosthesis Adjustment:
The CHAIRSIDE Grind Bur is used to remove excess Attachment Acrylic around the Denture Attachment Housings, if needed.

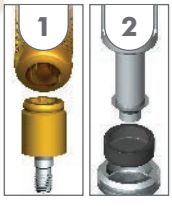
F CHAIRSIDE Polisher 206-09580
Finishing and Polishing:
Use the CHAIRSIDE Polisher to smooth the Attachment Acrylic in and around the prosthesis.

Zest LOCATOR® Driver and Locator® Core Tool



Zest LOCATOR® Contra Angle Driver
206-8914

Zest LOCATOR® Core Tool Installation / Removal
206-8393



1 end for hand installing LOCATOR Abutments

2 end for changing the retention males

OCTAGON TISSUE LEVEL

Regular Platfom Ball Abutments and Components

Fits ⌀3.3mm, ⌀4.1mm, ⌀4.1mm Tapered and ⌀4.8mm Implants

Ball Abutment & Attachments

- Recommended seating torque 35 N-cm

Manufactured from grade 4 pure titanium

Product No.	5038087
Height	0mm

Adapter for Ball Abutment
5038073

Matrix for Ball Abutment
Includes O-Rings
5082758

Ball Abutment
Analog
5038071

Product No.	5089611	5089612	5089613
Color	Red O-Ring	Blue O-Ring	Black O-Ring
Retention	1 lbs	2 lbs	3 lbs

OCTAGON TISSUE LEVEL

Titanium Abutments

Fits ⌀3.3mm, ⌀4.1mm, ⌀4.1mm Tapered and ⌀4.8mm Implants

Titanium Abutment

- Recommended torque 35 N-cm
- Titanium Base

Manufactured from grade 4 pure titanium

Product No.	5057041
Height	5.5mm

RP BASIC SCREW
Included with Digital Abutment
5057042

OCTAGON TISSUE LEVEL

Wide Platfom Straight and Angled Abutments

Fits ⌀4.8mm Wide Platform Implants

Impression Coping & Analog


Product No.	5093734	5093735
Product Name	Impression Cap (w/Guide Screw)	Implant Analog
Tray Type	Open Tray	–

Straight Abutment

- Recommended torque 35 N-cm


Manufactured from grade 4 pure titanium

Product No.	5093736
Height	5.5mm
Type	Straight Cementable

RP OCCLUSAL SCREW
Required for All Screw Retained Abutments
5031160

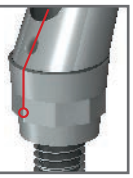
Angled Abutments

- Recommended torque 35 N-cm


Manufactured from grade 4 pure titanium

Product No.	5093739	5093737
Height	5.5mm	5.5mm
Type	**A** 15° (see ● below) Cementable Only	**B** 20° (see ●● below) Cementable Only

VERSION A: ●
Angled against the vertex of the Octagon



VERSION B: ●●
Angled against one of the flat sides of the Octagon

Screw Retained Abutment

- Recommended torque 35 N-cm



Manufactured from grade 4 pure titanium

Product No.	5093720	5093721	5093722
Height	1.5mm	Bridge/Bar	Crown
Type	Straight	Plastic Coping	Plastic Coping

RP OCCLUSAL SCREW
Required for All Screw Retained Abutments
5031160

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Dental Implant Systems

infinity **OCTAGON**
Surgical Drills, Drivers, and Kit

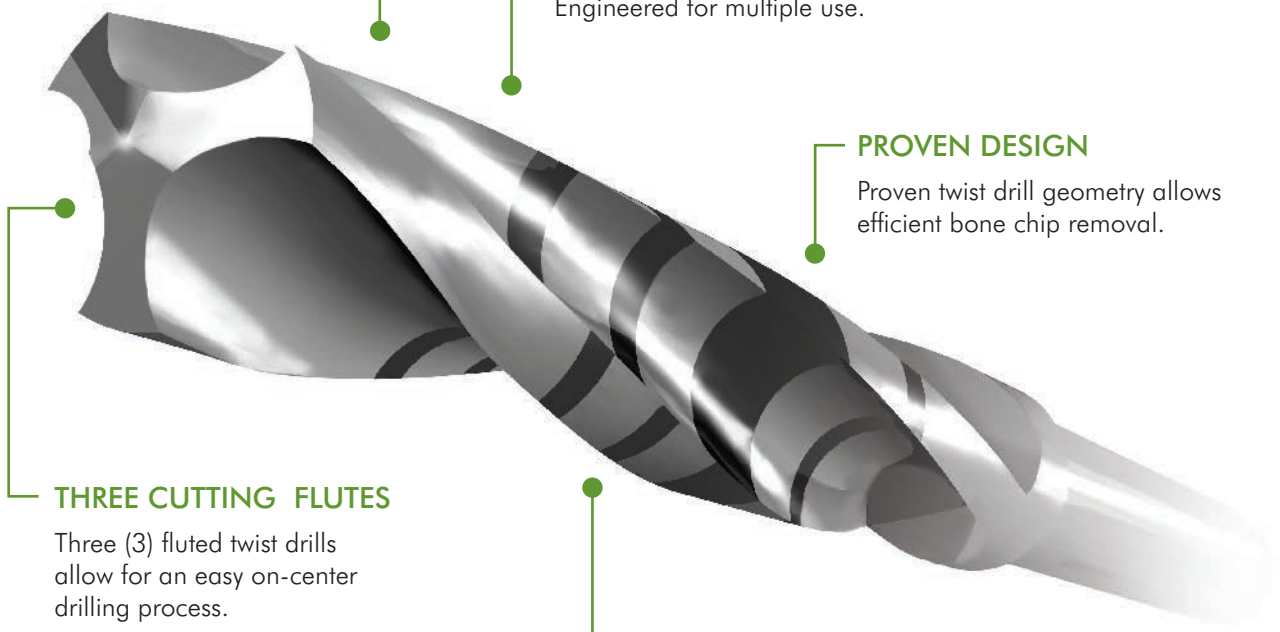
ACE

CERTIFIED PRECISION

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

BUILT TO LAST

Manufactured from hardened, high strength, corrosive-resistant, surgical grade stainless steel. Engineered for multiple use.



PROVEN DESIGN

Proven twist drill geometry allows efficient bone chip removal.

THREE CUTTING FLUTES

Three (3) fluted twist drills allow for an easy on-center drilling process.

LASER MARKED

Precise laser markings allow for accurate identification for drill depth to create osteotomy.

Ø 2.2mm ROUND BUR — 5031061

Ø 2.2mm TWIST DRILL LONG — 5038121

Ø 2.2mm TWIST DRILL SHORT — 5038120

Ø 2.8mm TWIST DRILL LONG — 5038148

Ø 2.8mm TWIST DRILL SHORT — 5038149

Ø 3.3mm PROFILE DRILL TL RP — 5038137

Ø 3.3mm BONE TAP TL RP LONG — 5072268

Ø 3.3mm BONE TAP TL RP SHORT — 5095267

Ø 3.3mm PROFILE DRILL BL NP — 5022136

Ø 3.3mm BONE TAP BL NP — 5022138

Ø 3.5mm TWIST DRILL LONG — 5038136

Ø 3.5mm TWIST DRILL SHORT — 5038135

A

B

C

D

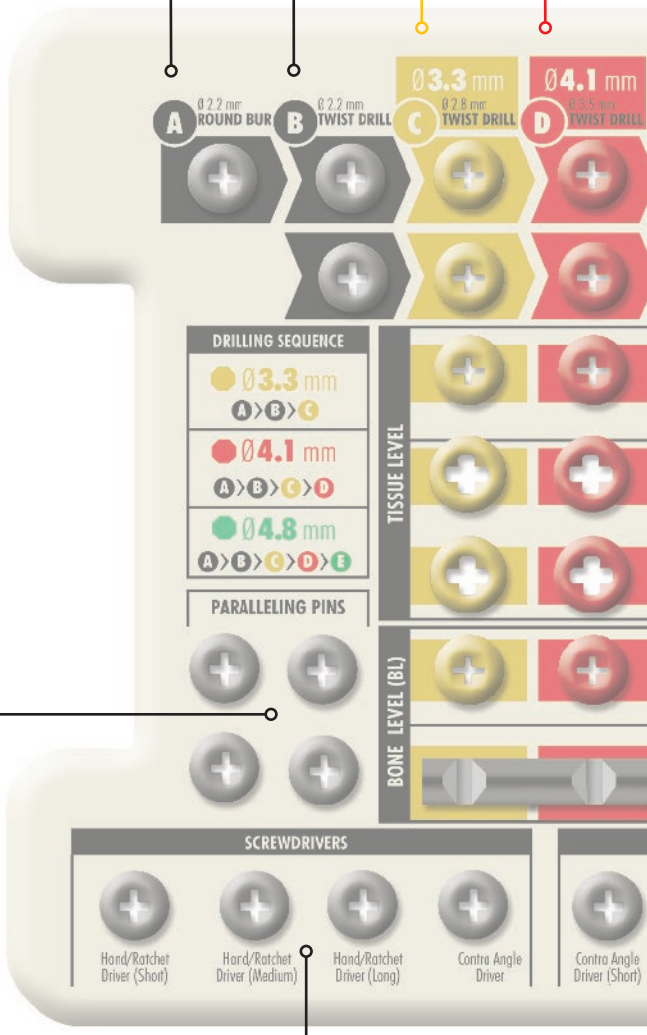
SCREWDRIVER HAND/ RATCHET SHORT — 5063978

SCREWDRIVER HAND/ RATCHET MEDIUM — 5064551

SCREWDRIVER HAND/ RATCHET LONG — 5064553

SCREWDRIVER HANDPIECE CONTRA ANGLE — 5031052

Ø 2.0mm Ø 3.0mm PARALLELING PINS REORDER 2/PKG. — 5079575



IMPLANT DRIVER HANDPIECE SHORT — 5031056

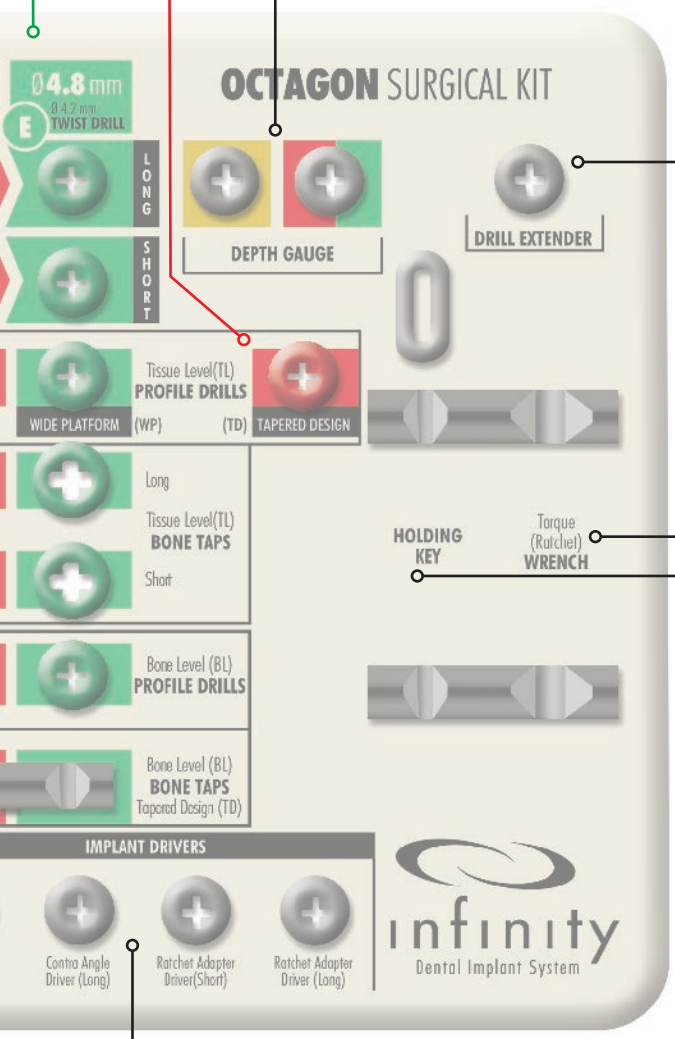
IMPLANT DRIVER HANDPIECE LONG — 5031057

IMPLANT DRIVER RATCHET SHORT — 5064558

IMPLANT DRIVER RATCHET LONG — 5017372

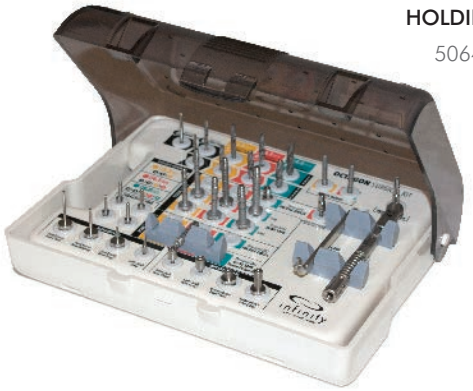
Ø 4.1mm PROFILE DRILL TL RP	Ø 4.1mm BONE TAP TL RP LONG	Ø 4.1mm BONE TAP TL RP SHORT	Ø 4.1mm PROFILE DRILL BL RP	Ø 4.1mm BONE TAP RPT Tapered (BL/TD)	Ø 4.1mm PROFILE DRILL TL RP (TD)	Ø 4.2mm TWIST DRILL LONG	Ø 4.2mm TWIST DRILL SHORT	Ø 4.8mm PROFILE DRILL TL WP*	Ø 4.8mm BONE TAP TL RP LONG	Ø 4.8mm BONE TAP TL RP SHORT	Ø 4.8mm PROFILE DRILL BL RP	Ø 4.8mm BONE TAP BL RP
5038147	5031088	5095265	5022111	5095264	5093740	5038152	5038151	5093738	5061314	5095266	5022114	5095269

NOTE: *Wide Platform only.



DRILL EXTENDER HANDPIECE	Ø 2.0mm DEPTH GAUGE	Ø 3.0mm DEPTH GAUGE
04959901	5064557	5064556

HOLDING KEY	TORQUE RATCHET
5064563	5089048

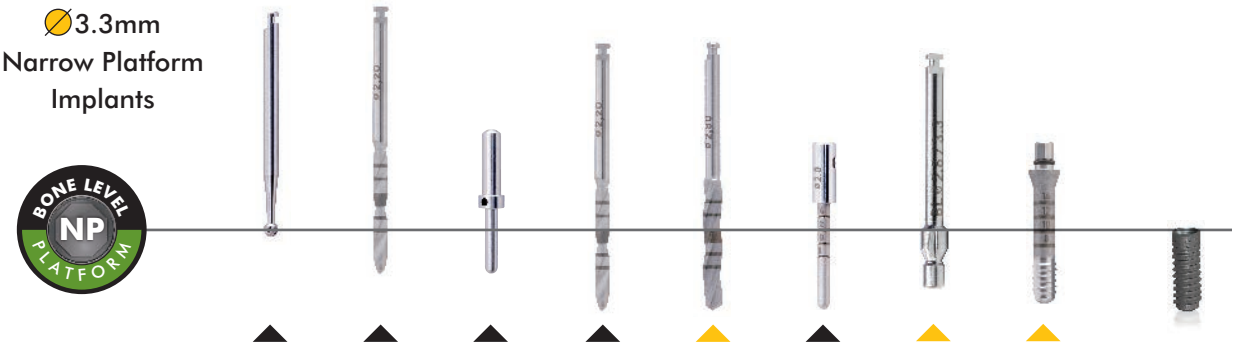


COMPLETE INFINITY OCTAGON SURGICAL KIT
50-99-1000

OCTAGON SURGICAL TRAY (EMPTY)
50-99-5000

OCTAGON Bone Level Drilling Sequences

Ø3.3mm
Narrow Platform
Implants



Ø 2.2mm Round Bur	Ø 2.2mm Twist Drill	Ø 2.0mm Ø 3.0mm Parallel Pin	Ø 2.2mm Twist Drill	Ø 2.8mm Twist Drill	Ø 2.0mm Depth Gauge	Ø 3.3mm Profile Drill	Ø 3.3mm Bone Tap
5031061	5038121	5079575	5038121	5038149	5064557	5022136	5022138

Drill Laser Markings

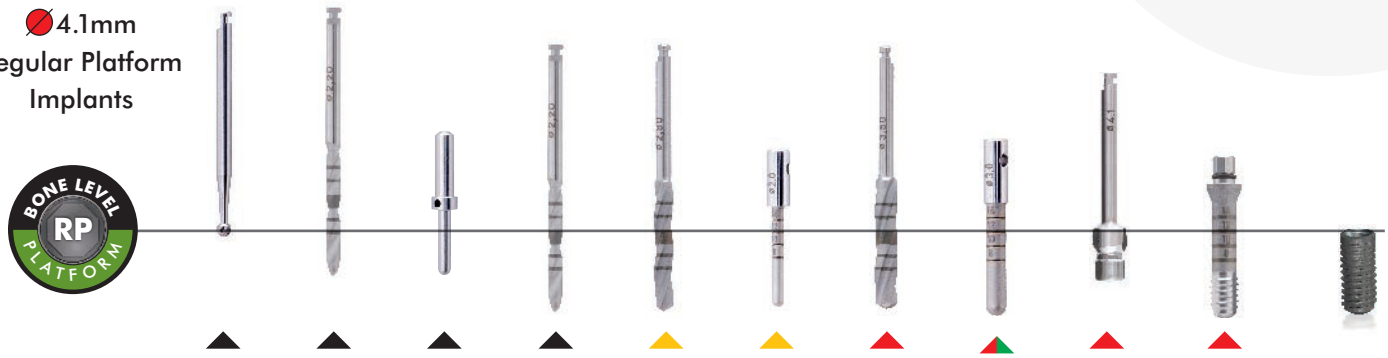
*Note:
Short Drills
do not include
14 or 16mm
markings.

Caution: The surgical twist drills are approximately 0.5mm longer in apical length than what is described.

Note: Instruments shown are drilling for a 12mm long implant. Adjust accordingly for other implant depths.

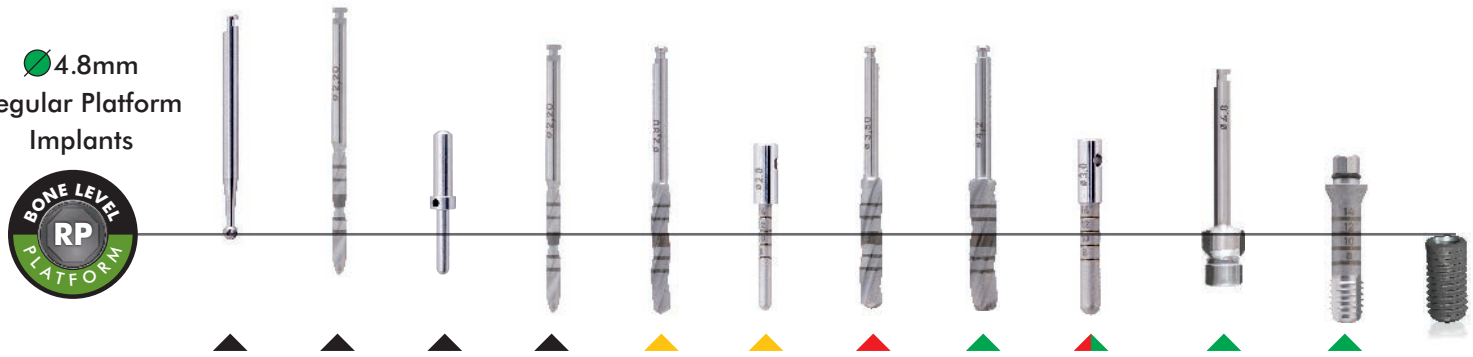
OCTAGON Bone Level Drilling Sequences

⌀4.1mm Regular Platform Implants



Ø 2.2mm Round Bur	Ø 2.2mm Twist Drill	Ø 2.0mm Ø 3.0mm Parallel Pin	Ø 2.2mm Twist Drill	Ø 2.8mm Twist Drill	Ø 2.0mm Depth Gauge	Ø 3.5mm Twist Drill	Ø 3.0mm Depth Gauge	Ø 4.1mm Profile Drill	Ø 4.1mm Bone Tap
5031061	5038121	5079575	5038121	5038149	5064557	5038135	5064556	5022111	5095264

⌀4.8mm Regular Platform Implants



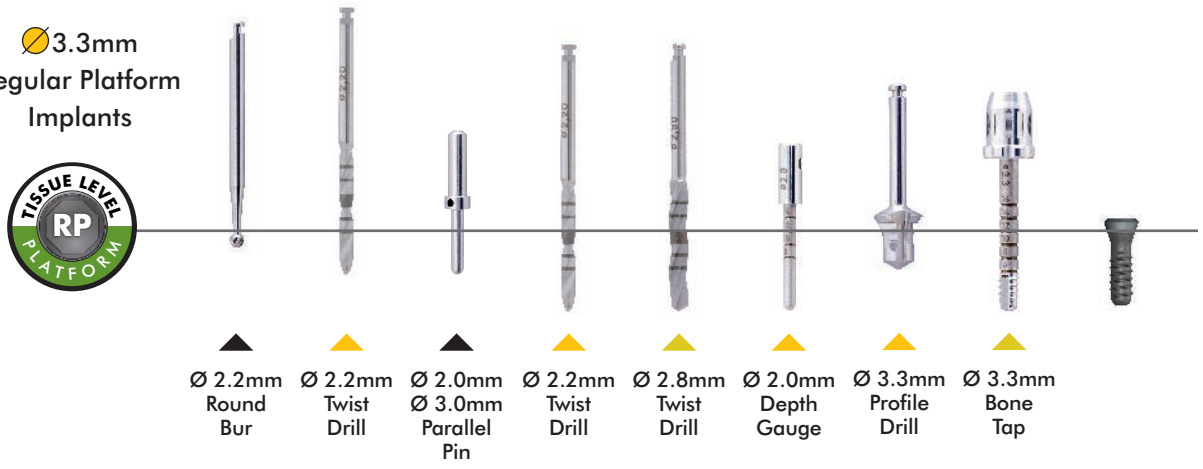
Ø 2.2mm Round Bur	Ø 2.2mm Twist Drill	Ø 2.0mm Ø 3.0mm Parallel Pin	Ø 2.2mm Twist Drill	Ø 2.8mm Twist Drill	Ø 2.0mm Depth Gauge	Ø 3.5mm Twist Drill	Ø 4.2mm Twist Drill	Ø 3.0mm Depth Gauge	Ø 4.8mm Profile Drill	Ø 4.8mm Bone Tap
5031061	5038121	5079575	5038121	5038149	5064557	5038135	5038151	5064556	5022114	5095269

Caution: The surgical twist drills are approximately 0.5mm longer in apical length than what is described.

Note: Instruments shown are drilling for a 12mm long implant. Adjust accordingly for other implant depths.

OCTAGON Tissue Level Drilling Sequences

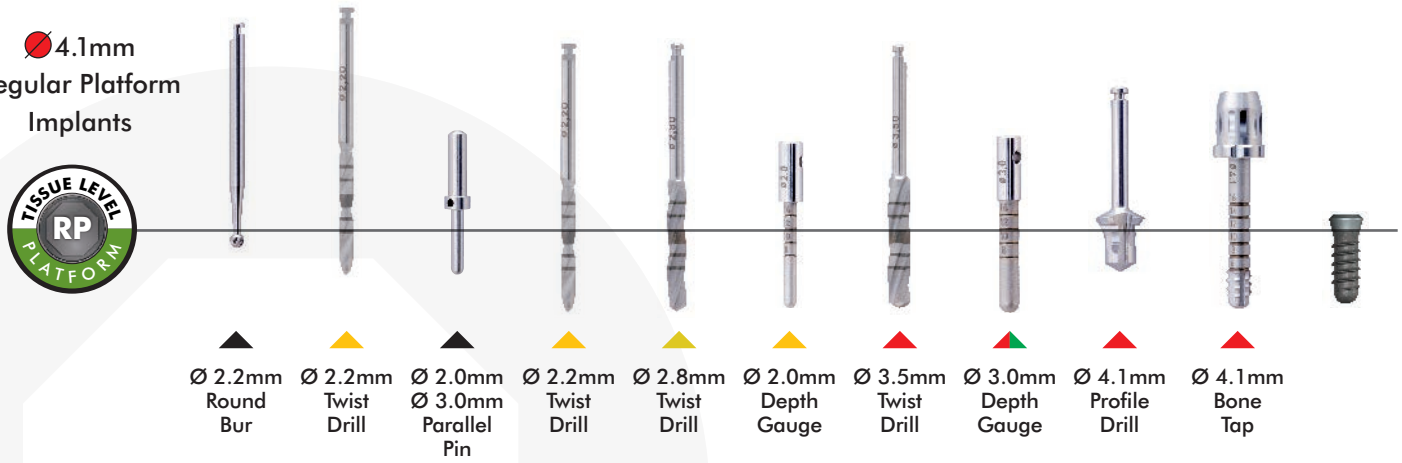
Ø3.3mm
Regular Platform
Implants



Drill Laser Markings

*Note: Short Drills do not include 14 or 16mm markings.

Ø4.1mm
Regular Platform
Implants



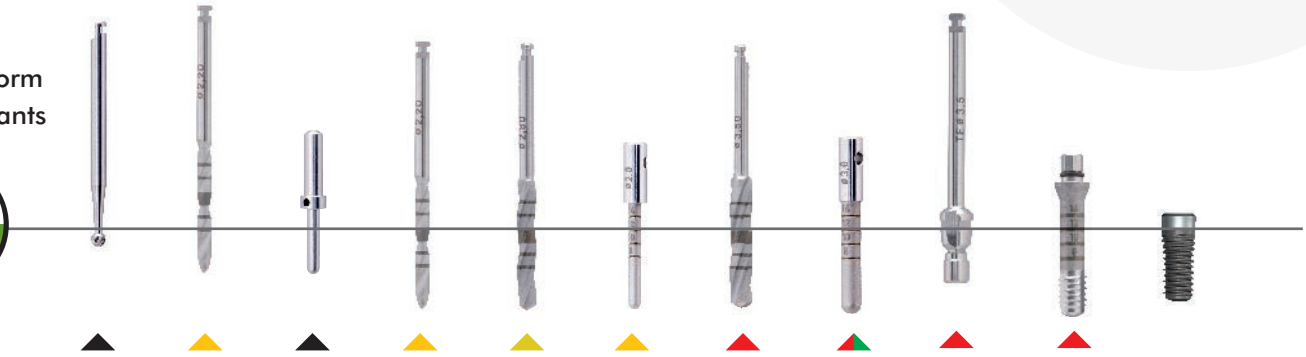
Caution: The surgical twist drills are approximately 0.5mm longer in apical length than what is described.

Note: Instruments shown are drilling for a 12mm long implant. Adjust accordingly for other implant depths.

OCTAGON Tissue Level Drilling Sequences

Ø4.1mm
Regular Platform
Tapered Implants

TISSUE LEVEL RP PLATFORM



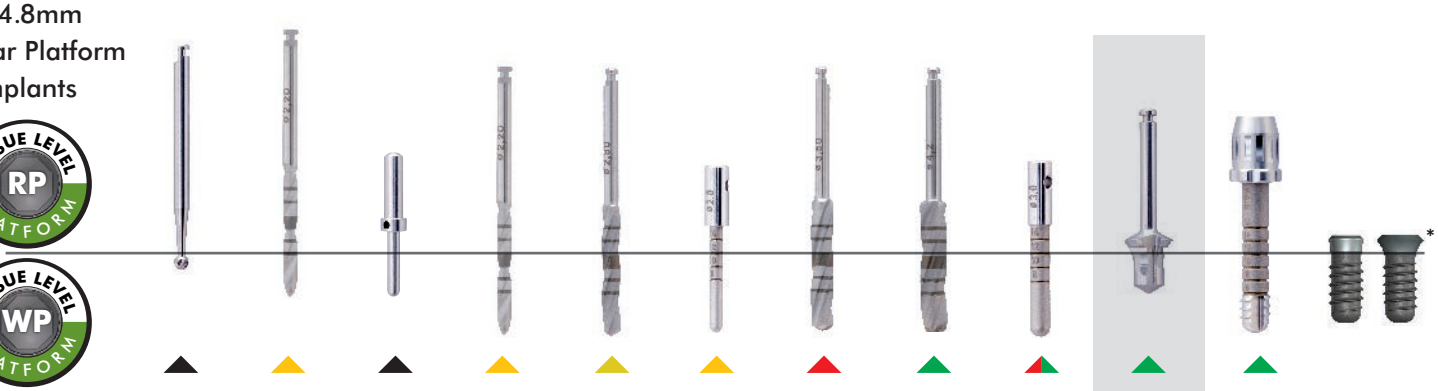
Ø 2.2mm Round Bur
Ø 2.2mm Twist Drill
Ø 2.0mm Ø 3.0mm Parallel Pin
Ø 2.2mm Twist Drill
Ø 2.8mm Twist Drill
Ø 2.0mm Depth Gauge
Ø 3.5mm Twist Drill
Ø 3.0mm Depth Gauge
Ø 4.1mm Profile Drill
Ø 4.1mm Bone Tap Tapered RPT

Ø4.8mm
Regular Platform
Implants

TISSUE LEVEL RP PLATFORM

TISSUE LEVEL WP PLATFORM

Ø4.8mm
Wide Platform
Implants



Ø 2.2mm Round Bur
Ø 2.2mm Twist Drill
Ø 2.0mm Ø 3.0mm Parallel Pin
Ø 2.2mm Twist Drill
Ø 2.8mm Twist Drill
Ø 2.0mm Depth Gauge
Ø 3.5mm Twist Drill
Ø 4.2mm Twist Drill
Ø 3.0mm Depth Gauge
Ø 4.8mm Profile Drill* **WP Only**
Ø 4.8mm Tap

Caution: The surgical twist drills are approximately 0.5mm longer in apical length than what is described.

Note: Instruments shown are drilling for a 12mm long implant. Adjust accordingly for other implant depths.

* 4.8mm Profile Drill is only required for Wide Platform Implants

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Bone Level Surgical Protocol

OCTAGON BONE LEVEL IMPLANT PLACEMENT PROTOCOL

Implant Site Preparation

Site Preparation of the Bone Implant Bed (Example shown for Ø4.1mm x 12mm length)

Step 1 - Determine Tissue Depth

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

Step 2 – Preparing the Surgical Site

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

Step 3 - Marking the Implant Site

- Using a handpiece at a maximum speed of 800rpm and copious irrigation, mark the initial osteotomy using the Ø2.2mm round bur.

Step 4 - Drilling the Pilot Hole

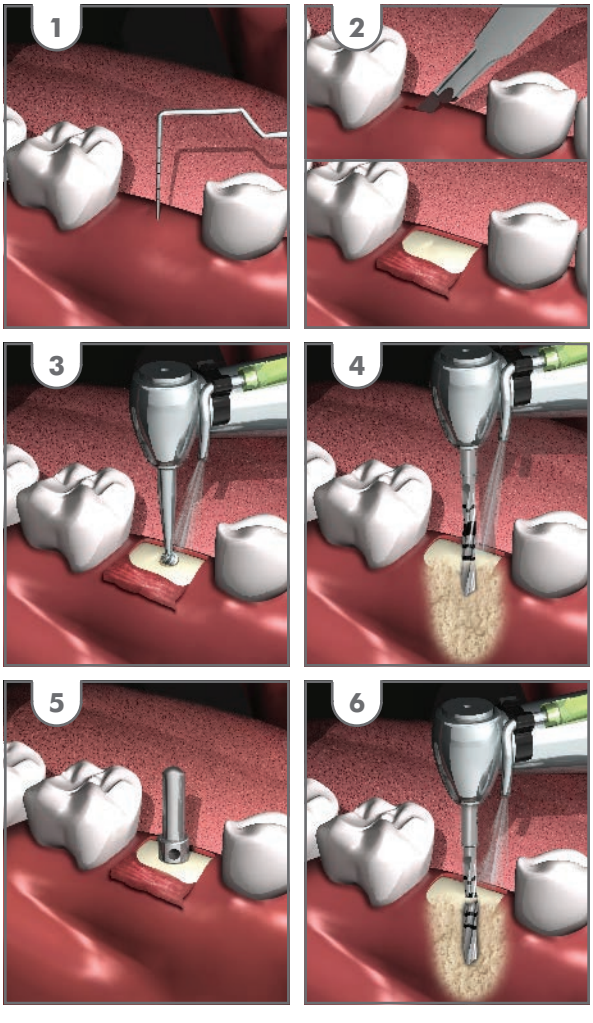
- Drill the initial pilot osteotomy using the Ø2.2mm twist drill at a maximum speed of 800rpm.
- Drill to the 6mm laser marking.

Step 5 - Check Parallel Alignment

- Confirm the appropriate angle with the Ø2.0mm Alignment Pin.
- Osteotomy corrections can be made during the following drilling step.

Step 6 - Drill to Implant Depth

- Using the same Ø2.2mm twist drill at a maximum speed of 800rpm, drill to the final implant depth.



Continued on following page.

Implant Site Preparation

Step 7 - Drill for all Implant Diameters

Select the Ø2.8mm twist drill. Drill to appropriate implant length at a maximum speed of 600rpm.

Step 8 - Check Depth

Confirm the appropriate drill depth with the Ø2.0mm Depth Gauge.

NOTE: If placing a Ø3.3mm implant, this is the final drilling step. Proceed to step 12.

Step 9 - Drill for Ø4.1mm and Ø4.8mm Implants

Select the Ø3.5mm twist drill. Drill to appropriate implant length at a maximum speed of 500rpm.

NOTE: If placing a Ø4.1mm implant, this is the final twist drilling step. Proceed to step 11.

Step 10 - Drill for Ø4.8mm Implants

Select the Ø4.2mm twist drill. Drill to appropriate implant length at a maximum speed of 400rpm.

NOTE: If placing a Ø4.8mm RP implant, this is the final twist drilling step.

Step 11 - Check Depth

Confirm the appropriate drill depth with the Ø3.0mm Depth Gauge.

Step 12 - Profile Drill

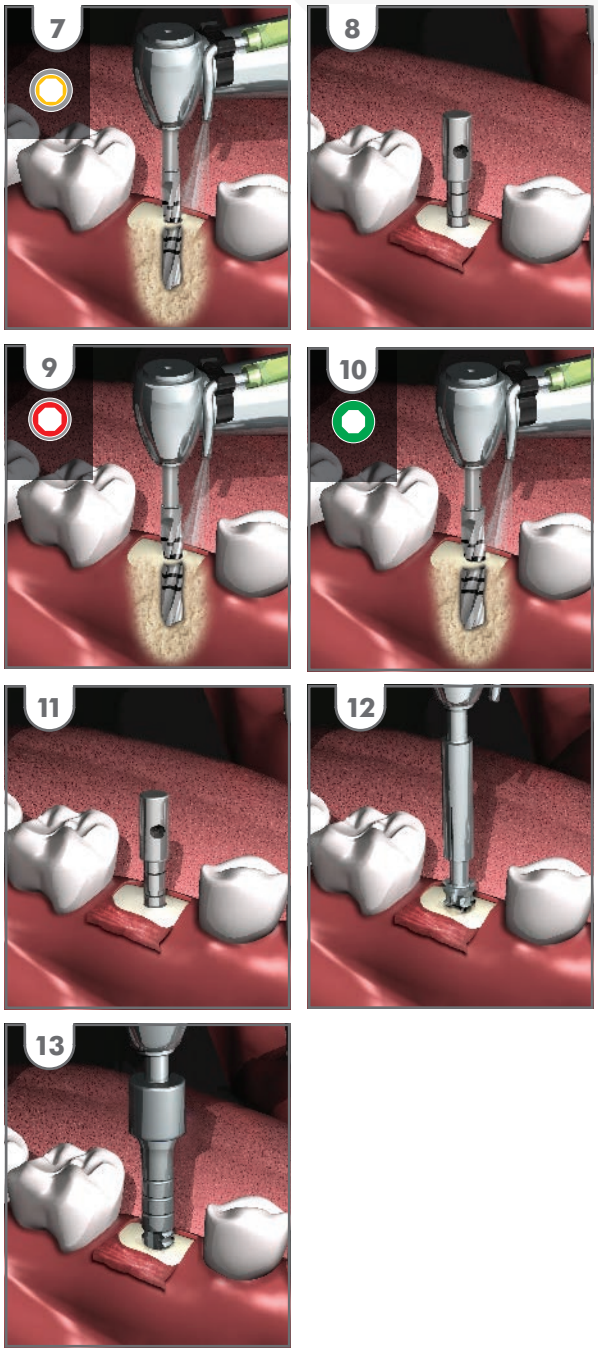
NOTE: This step is recommended independent of bone quality.

Select the corresponding profile drill for the implant being installed and drill to the score line of the profile drill at a maximum speed of 400rpm.

Step 13 - Bone Tap

When drilling in dense bone, select the corresponding bone tap for the implant being installed and tap to the appropriate implant length.

BONE TAPPING SUGGESTIONS PER BONE DENSITY			
BONE CLASS	Ø3.3mm NP	Ø4.1mm RP	Ø4.8mm RP
TYPE 1	FULL	FULL	FULL
TYPE 2	FULL	FULL	FULL
TYPE 3			FULL
TYPE 4			FULL



OCTAGON BONE LEVEL IMPLANT PLACEMENT PROTOCOL

Loading Implant Onto Driver

Step 1 - Implant Packaging

- Remove the OCTAGON 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 - Choose the Driver

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

Step 3A - Loading the Driver

- Carefully engage the transfer mount on the implant with the driver tool. Once fully engaged, unscrew the implant from the vial by rotating counterclockwise.

Step 3B - Loading the Driver

- Carefully lift the implant out of the vial.
- Use caution when bringing implant to the surgical site.

OCTAGON BONE LEVEL IMPLANT PLACEMENT PROTOCOL

Placing Implant Into Osteotomy

Step 1 - Placement Setup and Speed*

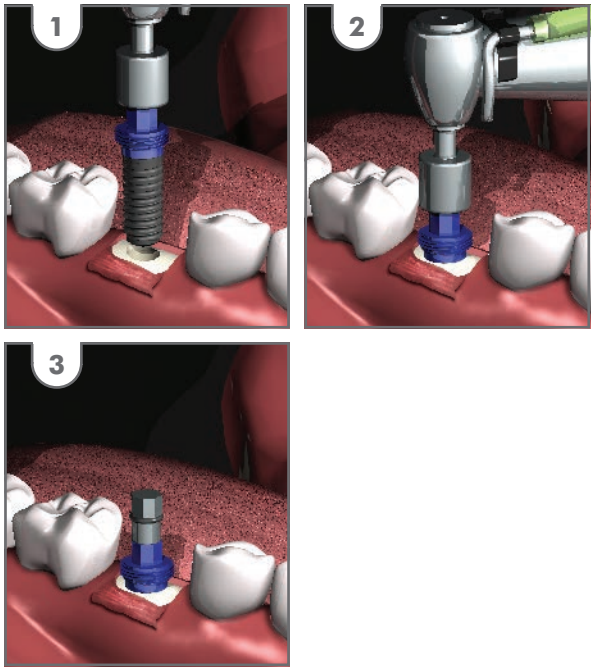
- With the OCTAGON Dental Implant attached to the driver tool, insert the implant into the prepared osteotomy using an implant placement speed of 15rpm and a maximum insertion torque of 35 N-cm.
- If the implant does not seat at 35 N-cm, back the implant out of the osteotomy, place the implant back into the sterile vial, then refer to the dense bone site preparation protocol (see page 29 - Step 13).

Step 2 - Seating the Implant

- Drive the implant until fully seated.
  Do not exceed 35 N-cm.
- CAUTION:
  Avoid using reverse rotations (counterclockwise) to correct vertical position, as this can decrease primary stability.

Step 3 - Disengaging Implant Driver

- After placement, disengage the hand or contra-angle implant driver tool from the implant by pulling off the tool in a straight upward direction.



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

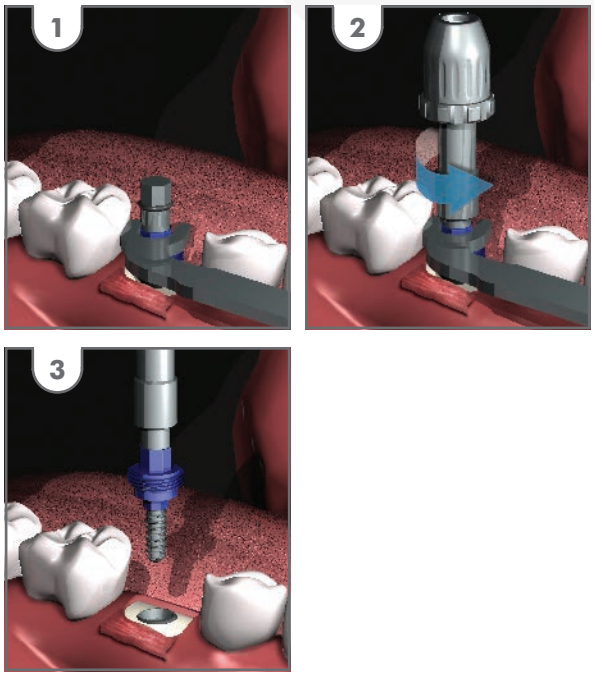
Removing Fixture-Mount

Step 1 and 2 - Loosening the Fixture-Mount

- Use the holding key to engage the hexagon of the fixture-mount to keep the implant from turning.
- Use the ratchet or contra-angle driver tool to turn screw counterclockwise to release fixture-mount from the implant.

Step 3 - Disengaging Fixture-Mount

- Disengage the fixture-mount from the implant by pulling off the driver tool and fixture-mount in a straight upward direction.



OCTAGON BONE LEVEL IMPLANT PLACEMENT PROTOCOL

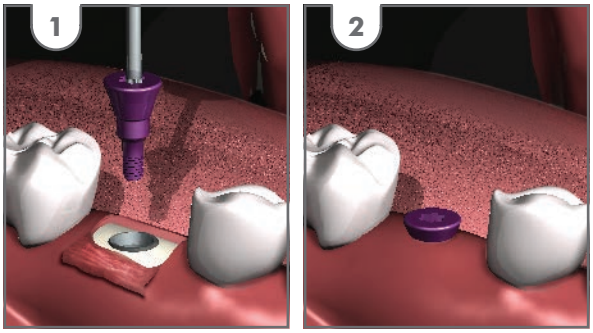
Single-Stage Healing Option

Step 1 - Healing Abutment

- Using one of the OCTAGON screwdrivers, place the appropriate healing abutment into the implant using the recommended seating torque of 15 N-cm and secure tightly into place.

Step 2 - Closing Tissue

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



OCTAGON BONE LEVEL IMPLANT PLACEMENT PROTOCOL

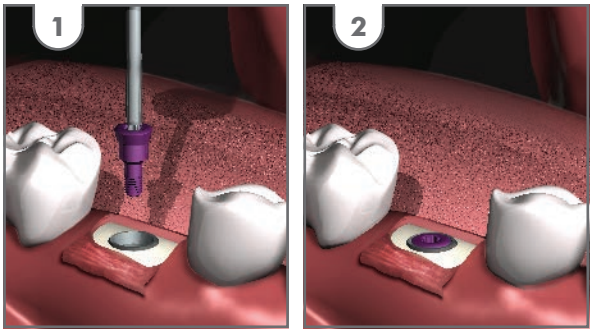
Two-Stage Healing Option

Step 1 and 2 - Cover Screw

- Using one of the OCTAGON screwdrivers, place the appropriate cover screw into the implant using the recommended seating torque of 15 N-cm and secure tightly into place.

Step 3 - Closing Tissue

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



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Bone Level Prosthetic Protocol

OCTAGON BONE LEVEL IMPLANT PROSTHETIC PROTOCOL

Implant Level Impression Technique - Open Tray

Step 1 - Removing the Healing Abutment or Cover Screw

- Using one of the hand screwdrivers, remove the healing abutment or cover screw from the implant.

Step 2 and 3 - Placing the Open-Tray Impression Coping

- Seat the open-tray impression coping with retaining screw using one of the hand screwdrivers.

Step 4 - 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 impression coping will protrude.

Step 5 - Impression Preparation

- Using impression material, encase the impression coping.

Step 6 - Take Impression

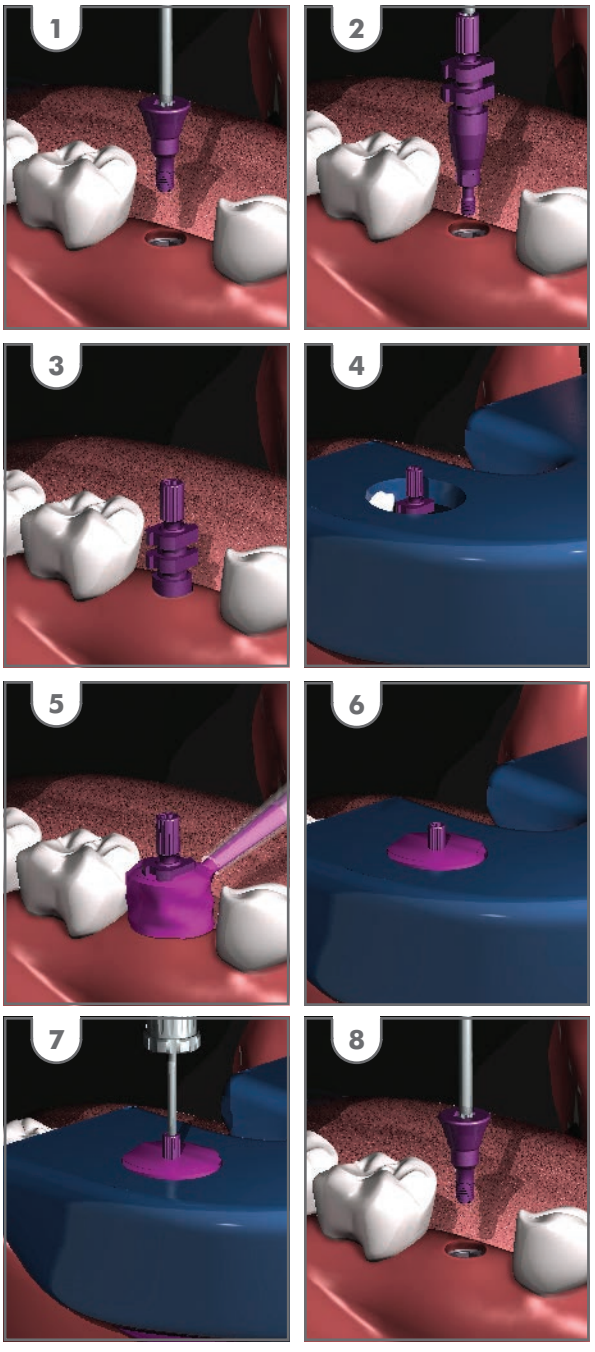
- Place the loaded impression tray into the mouth, apply pressure, and allow impression material to set.

Step 7 - Removing Tray and Impression Coping

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

Step 8 - Replace Healing Abutment

- Clean the implant area and healing abutment.
- Re-seat the healing abutment with a hand screwdriver using the recommended seating torque of 15 N-cm.



OCTAGON BONE LEVEL IMPLANT PROSTHETIC PROTOCOL

Straight Abutment Impression Technique

Step 1 - Removing the Healing Abutment

- Using one of the hand screwdrivers, remove the healing abutment 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 - Inserting the Straight Abutment

- Seat the abutment with the included retaining screw and torque it to 30 N-cm.

Step 3 - Impression Preparation

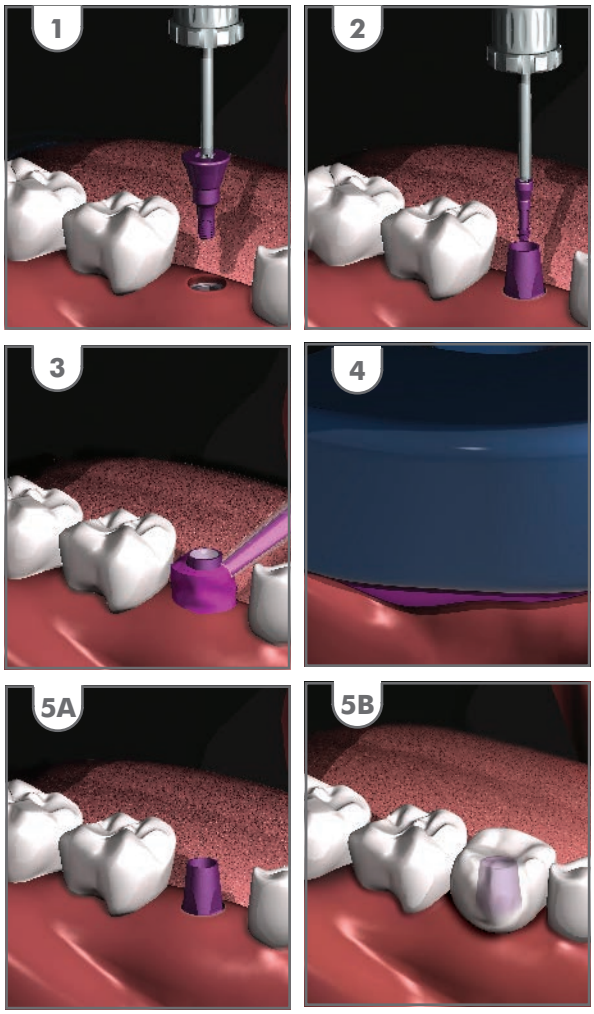
- Use a cotton pellet or like material to protect the head of the retaining screw. Fill the access hole to prevent impression material from entering the abutment.
- Using impression material, encase the abutment.

Step 4 - Take Impression

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

Step 5A, 5B - 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.



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Tissue Level Surgical Protocol

OCTAGON TISSUE LEVEL IMPLANT PLACEMENT PROTOCOL

Implant Site Preparation

Site Preparation of the Tissue Level Implant Bed (Example shown for Ø4.8mm x 12mm length)

Step 1 - Determine Tissue Depth

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

Step 2 – Preparing the Surgical Site

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

Step 3 - Marking the Implant Site

- Using a handpiece at a maximum speed of 800rpm and copious irrigation, mark the initial osteotomy using the Ø2.2mm round bur.

Step 4 - Drilling the Pilot Hole

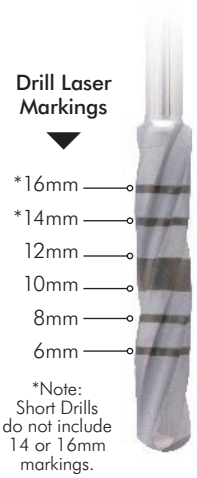
- Drill the initial pilot osteotomy using the Ø2.2mm twist drill at a maximum speed of 800rpm.
- Drill to the 6mm laser marking.

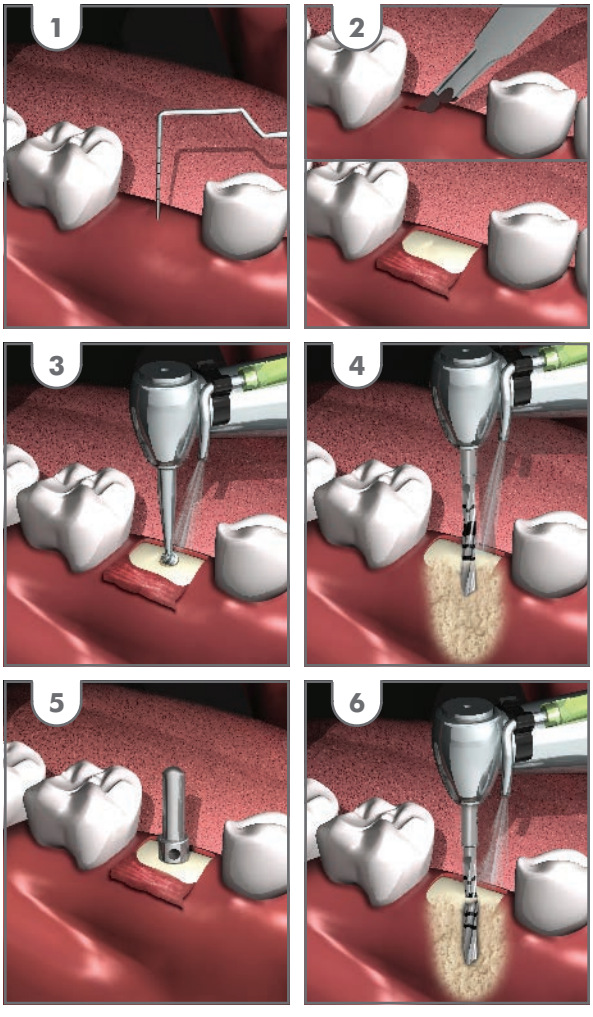
Step 5 - Check Parallel Alignment

- Confirm the appropriate angle with the Ø2.0mm Alignment Pin.
- Osteotomy corrections can be made during the following drilling step.

Step 6 - Drill to Implant Depth

- Using the same Ø2.2mm twist drill at a maximum speed of 800rpm, drill to the final implant depth.





Continued on following page.

Implant Site Preparation

Site Preparation of the Tissue Level Implant Bed (Example shown for the Ø4.8mm x 12mm length)

Step 7 - Drill for all Implant Diameters

Select the Ø2.8mm twist drill. Drill to appropriate implant length at a maximum speed of 600rpm.

NOTE: If placing a Ø3.3mm implant, this is the final drilling step. Proceed to step 11.

Step 8 - Check Depth

Confirm the appropriate drill depth with the Ø2.0mm Depth Gauge.

Step 9 - Drill for Ø4.1mm and Ø4.8mm Implants

Select the Ø3.5mm twist drill. Drill to appropriate implant length at a maximum speed of 500rpm.

NOTE: If placing a Ø4.1mm implant, this is the final twist drilling step. Proceed to step 11.

Step 10 - Drill for Ø4.8mm Implants

Select the Ø4.2mm twist drill. Drill to appropriate implant length at a maximum speed of 400rpm.

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

Step 11 - Check Depth

Confirm the appropriate drill depth with the Ø3.0mm Depth Gauge.

Step 12 - Profile Drill

Select the corresponding profile drill for the implant being installed and drill to the score line of the profile drill at a maximum speed of 400rpm.

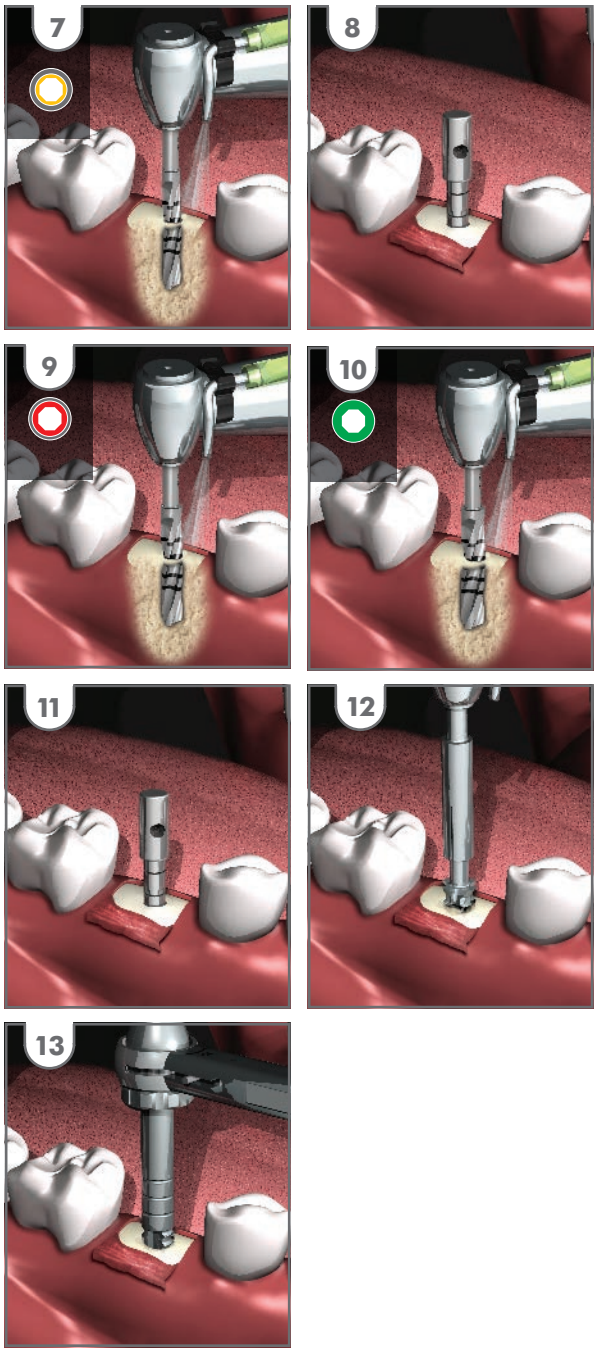
NOTE: If placing a Ø4.1mm Regular Platform Tapered (RPT) Tissue Level implant be sure to use the specific tapered design (TD) profile drill.

NOTE: If placing a Ø4.8mm Wide Platform (WP) Tissue Level implant, be sure to use the specific wide platform (WP) profile drill.

NOTE: If placing a Ø4.8mm Regular Platform (RP) Tissue Level implant, NO profile drill is required.

Step 13 - Bone Tap

When drilling in dense bone, select the corresponding bone tap for the implant being installed and tap to the appropriate implant length.



BONE TAPPING SUGGESTIONS PER BONE DENSITY				
BONE CLASS	Ø3.3mm RP	Ø4.1mm RP	Ø4.1mm RPT	Ø4.8mm WP
TYPE 1	FULL	FULL	FULL	FULL
TYPE 2	CORONAL	CORONAL	FULL	FULL
TYPE 3				FULL
TYPE 4				FULL

OCTAGON TISSUE LEVEL IMPLANT PLACEMENT PROTOCOL

Loading Implant Onto Driver

Step 1 - Implant Packaging

- Remove the OCTAGON 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 - Choose the Driver

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

Step 3A - Loading the Driver

- Carefully engage the transfer mount on the implant with the driver tool. Once fully engaged, unscrew the implant from the vial by rotating counterclockwise.

Step 3B - Loading the Driver

- Carefully lift the implant out of the vial.
- Use caution when bringing implant to the surgical site.

OCTAGON TISSUE LEVEL IMPLANT PLACEMENT PROTOCOL

Placing Implant Into Osteotomy

Example shown is a Tissue Level implant. See NOTE: for Bone Level variation.

Step 1 - Placement Setup and Speed*

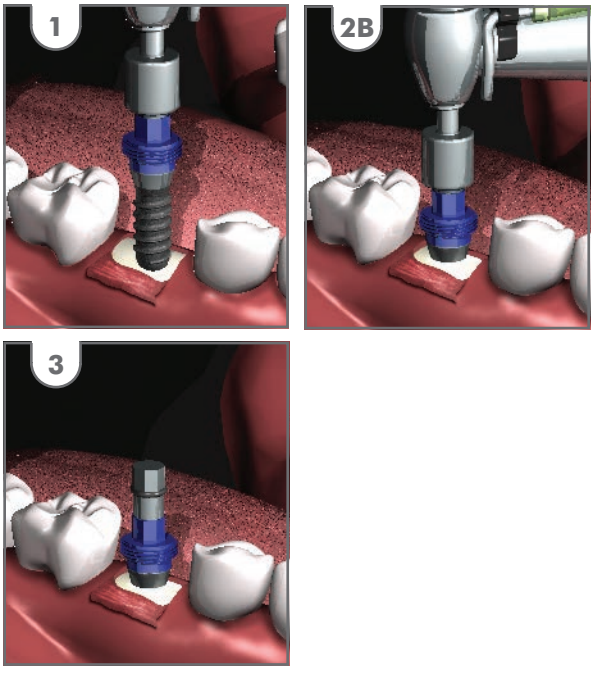
- With the OCTAGON Dental Implant attached to the driver tool, insert the implant into the prepared osteotomy using an implant placement speed of 15rpm and a maximum insertion torque of 35 N-cm.

Step 2 - Seating the Implant - Bone Level

- Drive the implant until fully seated, leaving the bottom of the polished collar flush with the crest of the bone ridge.
- Drive the implant until fully seated, leaving the bottom of the polished collar flush with the crest of the bone ridge. Do not exceed 35 N-cm.
- CAUTION: Avoid using reverse rotations (counterclockwise) to correct vertical position, as this can decrease primary stability.

Step 3 - Disengaging Implant Driver

- After placement, disengage the hand or contra-angle implant driver tool from the implant by pulling off the tool in a straight upward direction.



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

OCTAGON TISSUE LEVEL IMPLANT PLACEMENT PROTOCOL

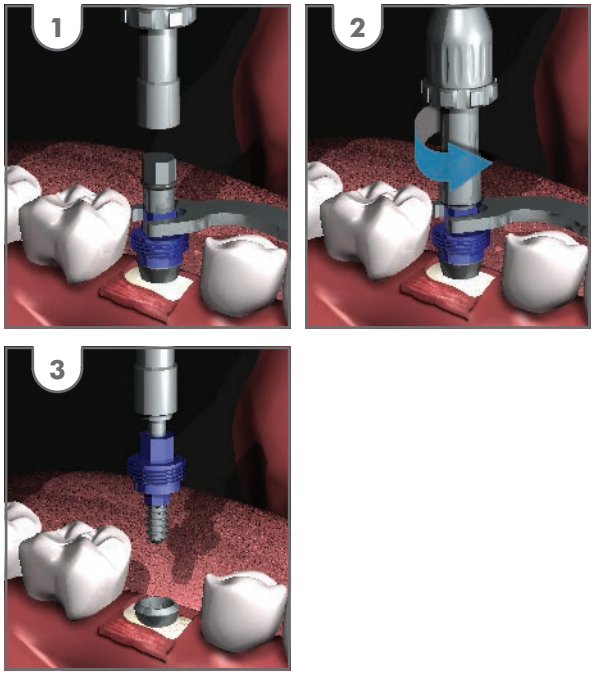
Removing Fixture-Mount

Step 1 and 2 - Loosing the Fixture-Mount

- Use the holding key to engage the hexagon of the fixture-mount to keep the implant from turning.
- Use the ratchet or contra-angle driver tool to turn screw counterclockwise to release fixture-mount from the implant.

Step 3 - Disengaging Fixture-Mount

- Disengage the fixture-mount from the implant by pulling off the driver tool and fixture-mount in a straight upward direction.



OCTAGON TISSUE LEVEL IMPLANT PLACEMENT PROTOCOL

Single-Stage Healing Option

Example shown is a Tissue Level implant but is the same as the Bone Level.

Step 1 and 2 - Healing Abutment

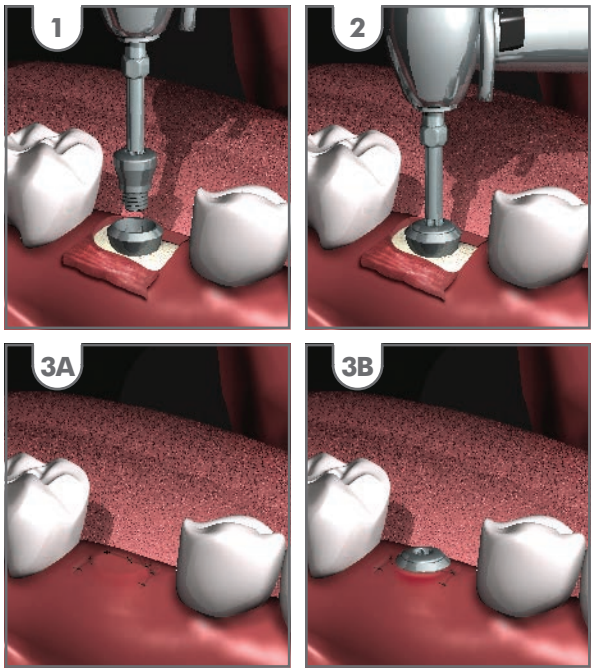
- Using one of the OCTAGON screwdrivers, place the appropriate healing abutment into the implant using the recommended seating torque of 15 N-cm and secure tightly into place.

Step 3A - Closing Tissue - Bone Level Implants

- Suture the tissue over the healing abutment using standard surgical protocols.

Step 3B - Closing Tissue - Tissue Level Implants

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



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Tissue Level Prosthetic Protocol

OCTAGON TISSUE LEVEL IMPLANT PROSTHETIC PROTOCOL

Solid Abutment

Step 1- Removing the Healing Abutment or Cover Screw

- Using one of the OCTAGON screwdrivers, remove the healing abutment or cover screw from the implant.

Step 2 - Seating Solid Abutment

- Seat the solid abutment with one of the solid abutment drivers.
- Place torque-wrench over the solid abutment driver and torque the solid abutment into the implant at 35 N-cm.

Step 3 - Placement of Impression Cap

- Push the impression cap over the solid abutment, and onto the implant shoulder, until it snaps into place.
- Check if impression cap is seated correctly by gently turning it on the implant. Impression cap should rotate smoothly on the implant.

Step 4 - Inserting Positioning Cylinder

- Align the flat side of the appropriate positioning cylinder with the flat side of the abutment.
- Push down the positioning cylinder over the abutment and through the impression cap.
- Make sure the positioning cylinder is flat and flush against the impression cap, leaving no gap.

Step 5 - Impression Preparation

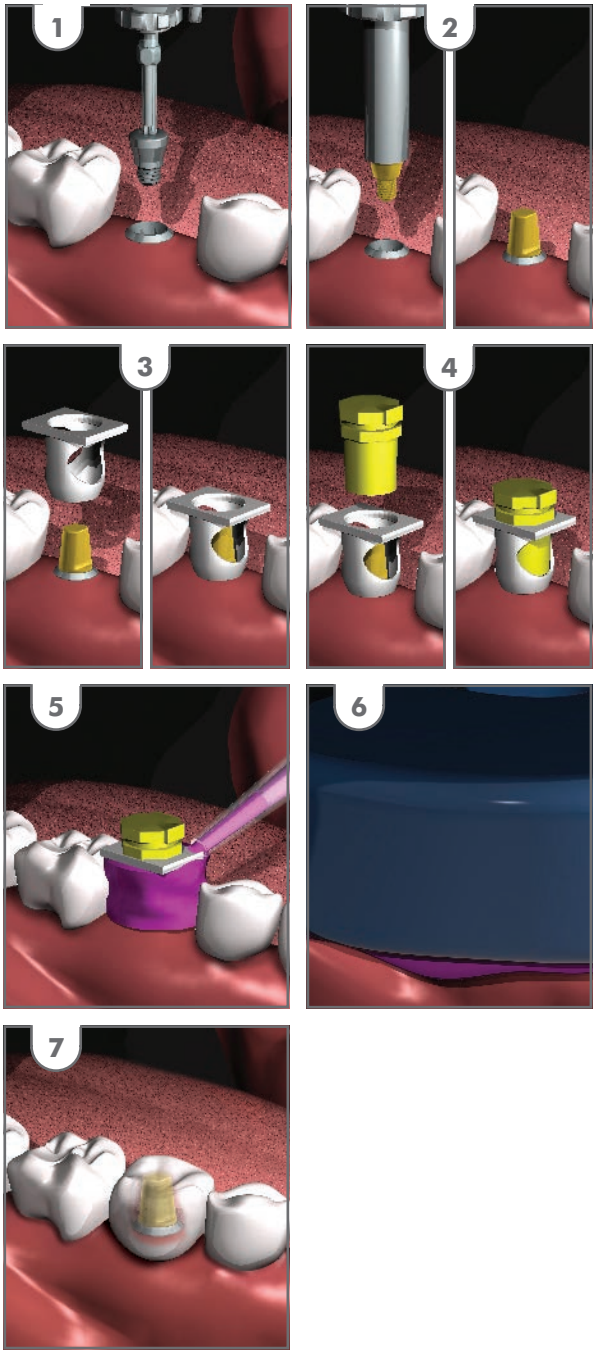
- Using impression material, encase the impression cap, position cylinder and solid abutment.

Step 6 - Take Impression

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

Step 7 - Temporary Process

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



OCTAGON TISSUE LEVEL IMPLANT PROSTHETIC PROTOCOL

Implant Level Impression Technique - Closed Tray

Step 1 - Removing the Healing Abutment or Cover Screw

- Using one of the OCTAGON screwdrivers, remove the healing abutment or cover screw from the implant.

Step 2 - Placement of Impression Cap

- Push the impression cap onto the implant shoulder, until it snaps into place.
- Check if impression cap is seated correctly by gently turning it on the implant. Impression cap should rotate smoothly on the implant.

Step 3 and 4 - Inserting Positioning Cylinder

- Push down the positioning cylinder through the impression cap.
- Make sure the positioning cylinder is flat and flush against the impression cap, leaving no gap.

Step 5 - Impression Preparation

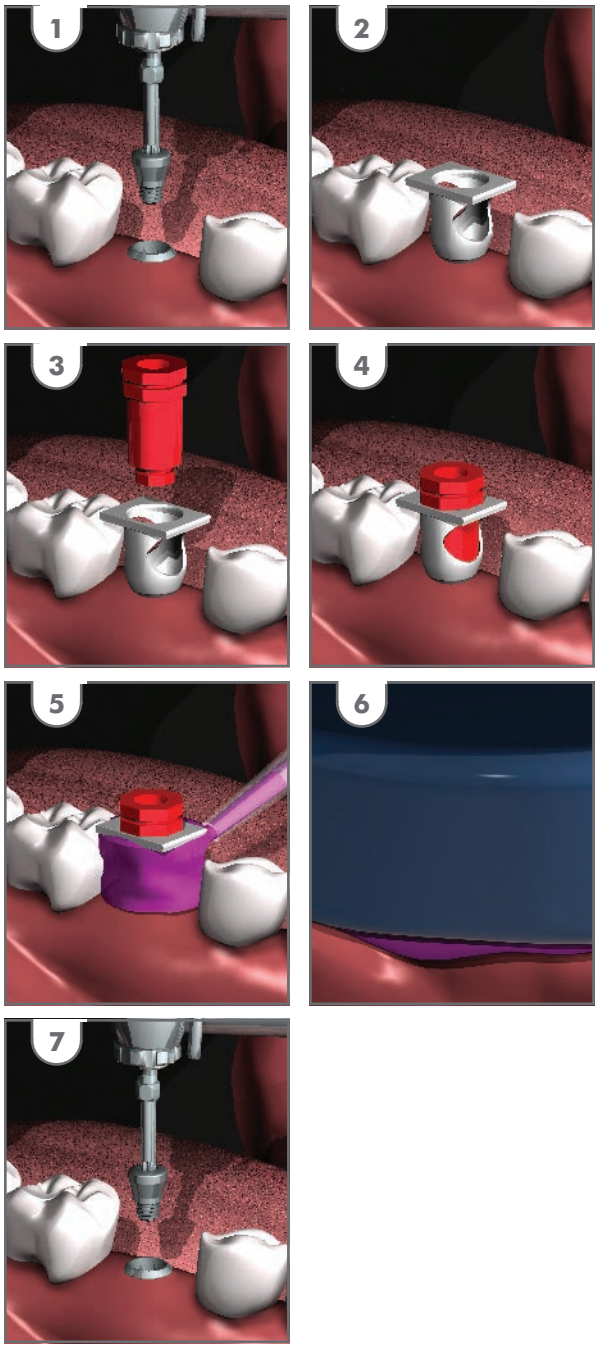
- Using impression material, encase the impression cap and position cylinder.

Step 6 - Take Impression

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

Step 7 - Replace Healing Abutment

- Clean the implant area and healing abutment.
- Re-seat the healing abutment with a hand screwdriver using the recommended seating torque of 15 N-cm.



Implant Level Impression Technique - Open Tray

Step 1 - Removing the Healing Abutment or Cover Screw

- Using one of the hand screwdrivers, remove the healing abutment or cover screw from the implant.

Step 2 and 3 - Placing the Open-Tray Impression Coping

- Seat the open-tray impression coping with retaining screw using one of the hand screwdrivers.

Step 4 - Prepare An Opening in Tray

- Mark the impression tray at the exact area where the impression ioping will protrude and cut a Ø5-10mm opening.

Step 5 - Impression Preparation

- Using impression material, encase the impression coping.

Step 6 - Take Impression

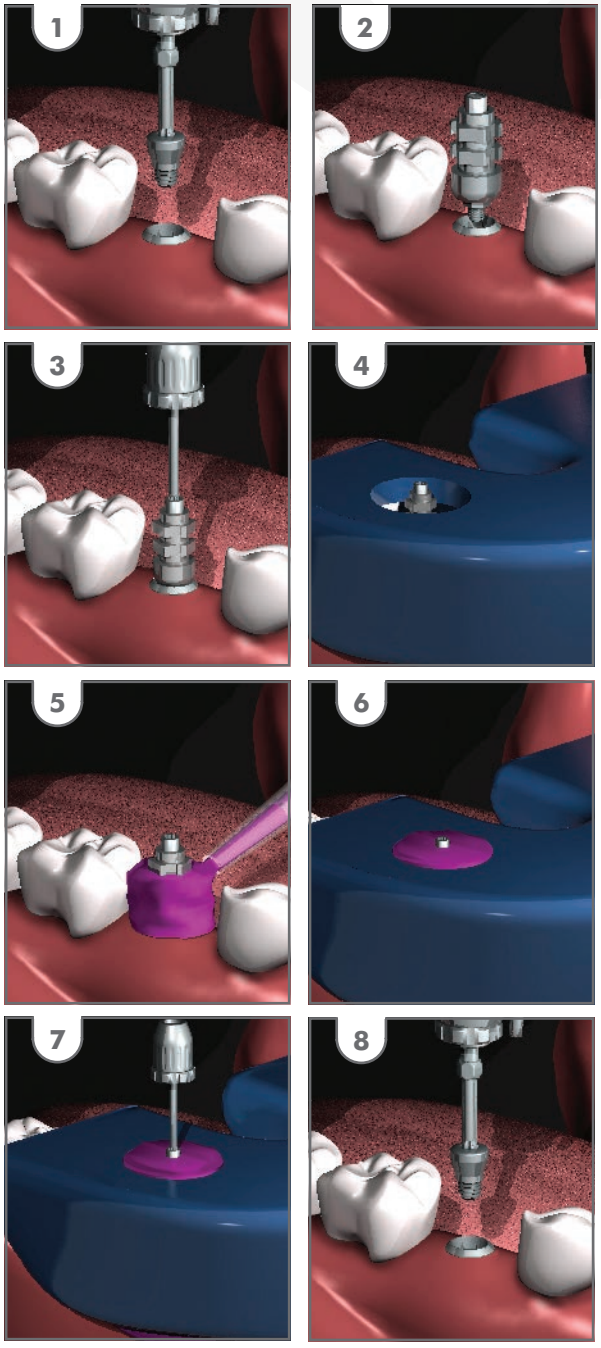
- Place the loaded impression tray into the mouth, apply pressure, and allow impression material to set.

Step 7 - Removing Tray and Impression Coping

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

Step 8 - Replace Healing Abutment

- Clean the implant area and healing abutment.
- Re-seat the healing abutment with a hand screwdriver using the recommended seating torque of 15 N-cm.



Locator® Abutment

Step 1 - Removing the Healing Abutment or Cover Screw

- Using one of the hand screwdrivers, remove the healing abutment or cover screw from the implant.

Step 2 - Placing the LOCATOR® Abutment

- Seat the LOCATOR Abutment by hand using finger pressure.

Step 3 - Torque the LOCATOR® Abutment

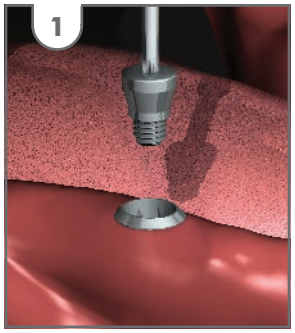
- Once seated on the implant, torque the LOCATOR abutment to 30 N-cm using the LOCATOR Torque Wrench Driver (sold separately, part # 206-8914).

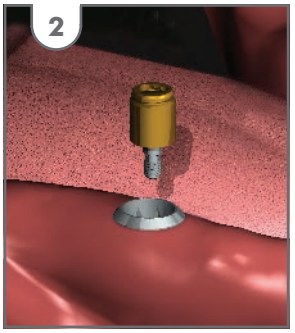
Step 4 - Impression Preparation

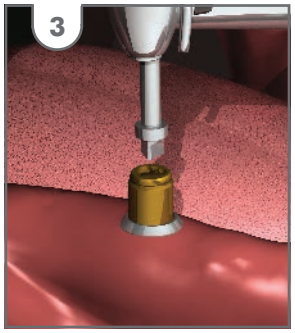
- Place the LOCATOR impression copings onto the abutments.

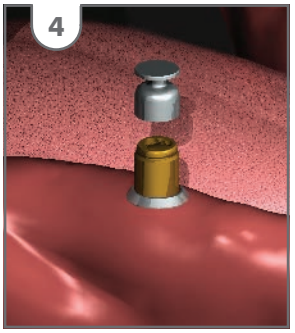
Step 5A, 5B, 5C - Take Impressions

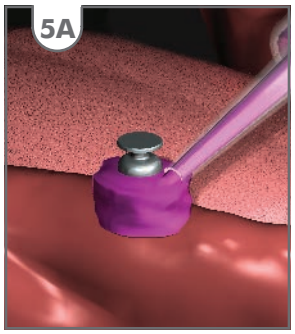
- Using impression material, cover the impression copings.
- Place the loaded impression tray into the mouth, apply pressure, and allow impression material to set.
- Remove impression and send along with laboratory components to the laboratory.

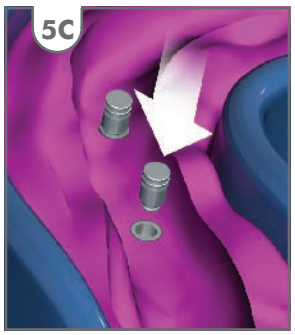












INFINITY DENTAL IMPLANT

Warranty

The ACE Surgical implant warranty is designed to support our customers that place infinity Dental Implant Systems. This warranty will address all aspects of the procedure including the surgical and restorative components.

To make a warranty claim:

- Call our Customer Experience department to report complaint and obtain an implant warranty form.
- Identical or similar implant/product will be sent and invoiced.
- Return the contaminated implant packaged sterile with the completed implant warranty form.
- Upon receipt of the implant, ACE will credit the returned implant.

The warranty will cover:

A Same day spinners

B Post-placement, pre-loading implant failure

C Post-loading failure

D Post-loading failure using ACE restorative components on a different implant manufactured implant

A Same day spinners

ACE will replace any implant that for any reason could not be placed at the time of surgery.

B Post-placement, pre-loading implant failure*.

ACE will provide the following:
- An identical implant.
- A $150 product credit on any ACE regenerative products, sutures or instrumentation needed to graft the site.

C Post-loading failure

ACE will replace any implant that fails post-loading.
ACE will provide the following*:
- ACE restorative components.
- A $150 product credit on any ACE regenerative products, sutures or instrumentation needed to graft the site.
- One additional ACE implant and corresponding restorative components.

D Post-loading failure using ACE restorative components on a different implant manufactured implant*

ACE will provide the following:
- Replacement of the restorative components.
- A similar implant as to the one used in the surgery.

*Submit a radiograph showing the compromised site.

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