

**CONELOG®**  
**PROGRESSIVE**  
multi-unit abutment system

Catalog & Manual



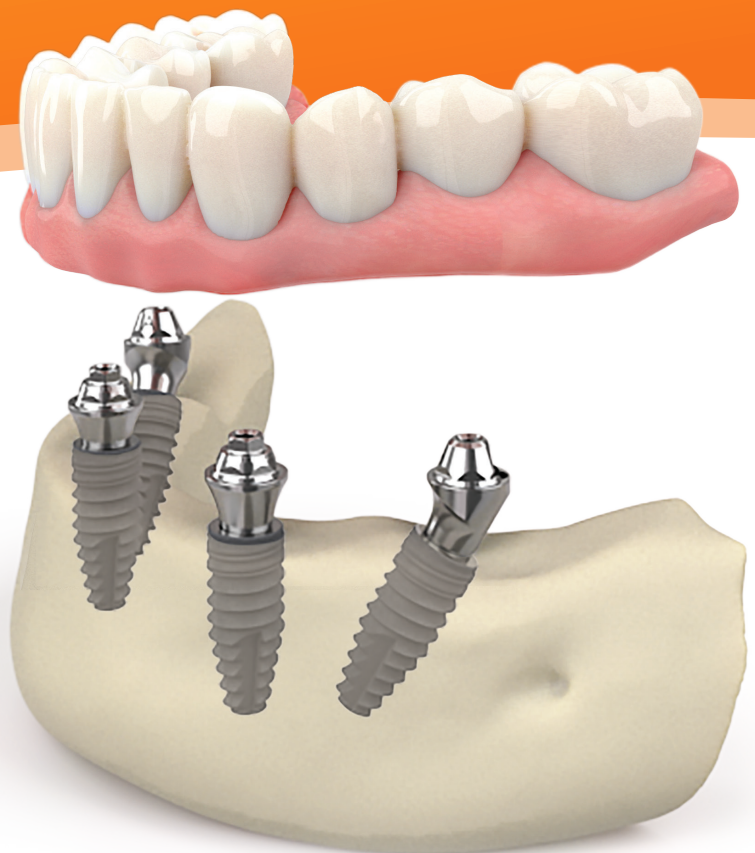
BIOHORIZONS®

**CONELOG® connection benefits**

- long conus for reduced micromovements<sup>1</sup>
- superior positional stability in comparison to other conical systems<sup>1,2</sup>
- easy positioning with tactile feedback
- integrated platform switching
- "vertical fit feature" designed to minimize vertical discrepancy during workflow

## conical performance at bone level

The Multi-unit abutments for CONELOG® are designed to restore edentulous and partially edentulous arches. Available in multiple gingival heights and angulations to support treatment in a wide variety of patients. Each abutment shares the same restorative platform, simplifying the restorative process and reducing the number of components required.



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# CONOLOG® PROGRESSIVE Multi-unit

## Straight & angled abutments

### One-Piece Straight Multi-unit Abutments for CONOLOG



Part Number	Diameter	Gingival Height
BC2254.3320	3.3 mm	2 mm
BC2254.3330	3.3 mm	3 mm
BC2254.3340	3.3 mm	4 mm
BC2254.4320	3.8 mm	2 mm
	4.3 mm	
BC2254.4330	3.8 mm	3 mm
	4.3 mm	
BC2254.4340	3.8 mm	4 mm
	4.3 mm	

### Straight Multi-unit Abutments for CONOLOG



Part Number	Diameter	Gingival Height
BC2255.3320	3.3 mm	2 mm
BC2255.3330	3.3 mm	3 mm
BC2255.3340	3.3 mm	4 mm
BC2255.4320	3.8 mm	2 mm
	4.3 mm	
BC2255.4330	3.8 mm	3 mm
	4.3 mm	
BC2255.4340	3.8 mm	4 mm
	4.3 mm	

Two-piece design of the Straight Multi-unit abutment allows for single- or multi-unit placement.

### 17° Angled Multi-unit Abutments for CONOLOG



Part Number	Diameter	Gingival Height	Type
BC2256.3320	3.3 mm	2 mm	Type A
BC2256.3330	3.3 mm	3 mm	Type A
BC2256.3340	3.3 mm	4 mm	Type A
BC2257.3320	3.3 mm	2 mm	Type B
BC2257.3330	3.3 mm	3 mm	Type B
BC2257.3340	3.3 mm	4 mm	Type B
BC2256.4320	3.8 mm	2 mm	Type A
	4.3 mm		
BC2256.4330	3.8 mm	3 mm	Type A
	4.3 mm		
BC2256.4340	3.8 mm	4 mm	Type A
	4.3 mm		
BC2257.4320	3.8 mm	2 mm	Type B
	4.3 mm		
BC2257.4330	3.8 mm	3 mm	Type B
	4.3 mm		
BC2257.4340	3.8 mm	4 mm	Type B
	4.3 mm		



### 30° Angled Multi-unit Abutments for CONOLOG

Part Number	Diameter	Gingival Height	Type
BC2258.3320	3.3 mm	2 mm	Type A
BC2258.3330	3.3 mm	3 mm	Type A
BC2258.3340	3.3 mm	4 mm	Type A
BC2259.3320	3.3 mm	2 mm	Type B
BC2259.3330	3.3 mm	3 mm	Type B
BC2259.3340	3.3 mm	4 mm	Type B
BC2258.4320	3.8 mm	2 mm	Type A
	4.3 mm		
BC2258.4330	3.8 mm	3 mm	Type A
	4.3 mm		
BC2258.4340	3.8 mm	4 mm	Type A
	4.3 mm		
BC2259.4320	3.8 mm	2 mm	Type B
	4.3 mm		
BC2259.4330	3.8 mm	3 mm	Type B
	4.3 mm		
BC2259.4340	3.8 mm	4 mm	Type B
	4.3 mm		

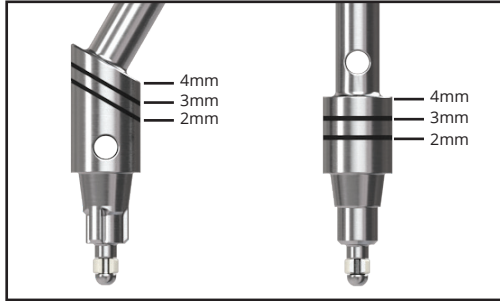
Angled Multi-unit abutments are available as Types A and B. Types A and B differ in having a 60° offset cam arrangement, allowing a total of six rotating positions to obtain the optimal prosthetic axis. Type A has a cam aligned against the angle and Type B has a cam aligned in direction of the angle. All abutments are packaged with a final abutment screw that should be torqued to 20 Ncm.



# CONOLOG® PROGRESSIVE Multi-unit

## Multi-unit components

Multi-unit Try-in Abutments may be used to measure tissue thickness and verify proper prosthetic seating prior to final abutment seating.



### 17° Angled Abutment Try-in for CONELOG\*

Part Number	Diameter	Type
BC2256.33TRY	3.3mm	Type A
BC2257.33TRY	3.3mm	Type B
BC2256.43TRY	3.8mm	Type A
	4.3mm	
BC2257.43TRY	3.8mm	Type B
	4.3mm	

### Straight Abutment Try-in for CONELOG\*



Part Number	Diameter
BC2255.33TRY	3.3mm
BC2255.43TRY	3.8mm
	4.3mm



### 30° Angled Abutment Try-in for CONELOG\*

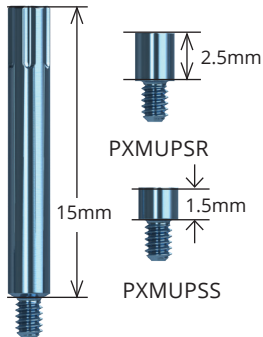
Part Number	Diameter	Type
BC2258.33TRY	3.3mm	Type A
BC2259.33TRY	3.3mm	Type B
BC2258.43TRY	3.8mm	Type A
	4.3mm	
BC2259.43TRY	3.8mm	Type B
	4.3mm	



**C4004.1601**

Angled abutment screw

For angled Multi-unit abutments only. Final torque: 20 Ncm with .050" (1.25mm).



PXMUPSL

PXMUPSR
PXMUPSR25
PXMUPSL
PXMUPSS

Prosthetic Screw, Multi-unit, Regular (pack of 5)

Prosthetic Screw, Multi-unit, Regular (pack of 25)

Prosthetic Screw, Multi-unit, Long (pack of 5)

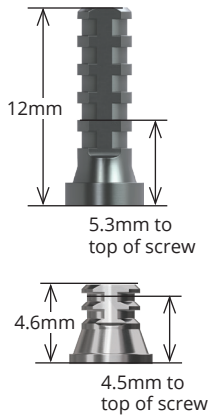
Prosthetic Screw, Multi-unit, Short (pack of 5)

For attaching copings to the Multi-unit abutments. Hand-tighten or torque to 15 Ncm with .050" (1.25mm) Hex Driver or Unigrip™ screw driver, depending on application. Titanium alloy. Included with copings where indicated but can also be ordered separately.

\* Instrument o-rings & c-rings wear out over time. If an instrument is no longer held securely by its associated driver, order a replacement ring through Customer Care.

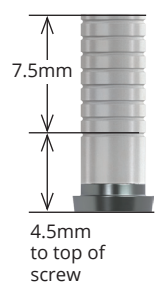
# CONOLOG® PROGRESSIVE Multi-unit

## Multi-unit copings



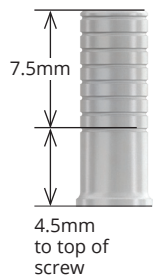
<b>PXMUTC</b>	<b>Titanium</b>
<b>PXMUTCS</b>	<b>Titanium, Short</b>

Use for fabricating acrylic temporary and final prostheses. May be trimmed for height. PXMUTC packaged with prosthetic screw (PXMUPSR). PXMUTCS packaged with prosthetic screw (PXMUPSS). Titanium alloy. Final torque: 15Ncm.



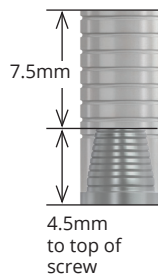
<b>PXMUGC</b>	<b>Gold Custom Castable</b>
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Use for fabricating metal-reinforced acrylic prostheses or bar overdentures. May be trimmed for height. Packaged with prosthetic screw (PXMUPSR). Coping has a gold alloy base with acetal resin (Delrin® or Pomalux®) sleeve. Final torque: 15Ncm.



<b>PXMUPC</b>	<b>Plastic Custom Castable</b>
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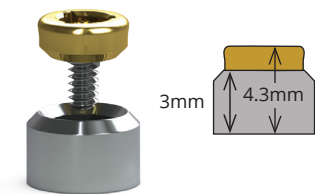
Use for fabricating metal-reinforced acrylic prostheses or bar overdentures. May be trimmed for height. Packaged with prosthetic screw (PXMUPSR). Acetal resin (Delrin® or Pomalux®). Final torque: 15Ncm.



<b>PXMUPFC</b>	<b>Passive Fit</b>
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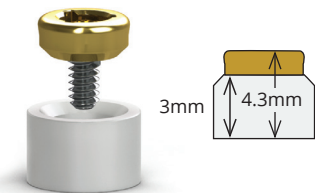
Use for fabricating metal-reinforced acrylic prostheses or bar overdentures, cemented using the passive-fit technique. May be trimmed for height. Packaged with regular and long prosthetic screws (PXMUPSR, PXMUPSL). Coping has a titanium alloy base with acetal resin (Delrin® or Pomalux®) sleeve. Final torque: 15Ncm.

## Multi-unit Locators®



<b>LMUTC-2</b>	<b>Locator Multi-unit Abutment w/ Ti Collar (2 pack)</b>
<b>LMUTC-10</b>	<b>Locator Multi-unit Abutment w/ Ti Collar (10 pack)</b>

Use Male Processing Package for these collars (LMPP-2 or LMPP-10).



<b>LMUDC-2</b>	<b>Locator Multi-unit Abutment w/ Delrin® Collar (2 pack)</b>
<b>LMUDC-10</b>	<b>Locator Multi-unit Abutment w/ Delrin® Collar (10 pack)</b>

Use Locator Multi-unit Bar Processing Package listed below for these collars.

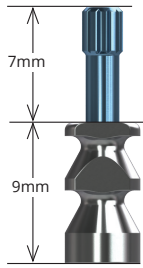


<b>LMUBPP-2</b>	<b>Locator Multi-unit Bar Processing Package (2 pack)</b>
<b>LMUBPP-10</b>	<b>Locator Multi-unit Bar Processing Package (10 pack)</b>

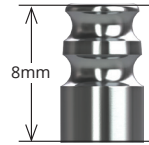
Locator attachments for multi-unit abutments have been designed as a free-standing option (LMUTC) for the angled multi-unit posterior sites and for castable bar-splinted applications (LMUDC). The Locator Multi-unit Bar Processing Package includes Denture Cap with Yellow Bar Processing Male, Dual Retentive Replacement Males: Clear, Pink, Blue, and Block-Out Spacer. Offered in 2 packs and 10 packs. For complete instructions, visit the Zest Anchors web site.

# CONOLOG® PROGRESSIVE Multi-unit

## Multi-unit components



**PXMUDPC** **Direct Pick-up Coping, Multi-unit**  
 Use to make a direct pick-up impression (open-tray) at the abutment level. Packaged with a prosthetic screw, long. Titanium alloy. Hand tighten.



**PXMUIC** **Indirect Transfer Coping, Multi-unit**  
 Use to make an indirect transfer (closed-tray) impression at the abutment level. Titanium alloy. Hand tighten.



**PXMUCC** **Cover Cap, Multi-unit**  
 Hand-tighten with .050" (1.25mm) Hex Driver or Unigrip™ screw driver. Titanium alloy.



**PXMUCCC** **Multi-unit contoured cover cap (pack of 2)**  
 Flared emergence profile to suppress tissue during suturing. Hand-tighten with .050" (1.25mm) Hex Driver or Unigrip™ screw driver. PEEK body, titanium alloy screw.



**PXMUPA** **Protection Analog, Multi-unit (pack of 5)**  
 Use to protect abutment-coping interface when polishing the metal framework. Titanium alloy.



**PXMUAR** **Abutment Replica, Multi-unit**  
 Use at lab to represent the Multi-unit/ Implant assembly in the working cast. Not for use with implant-level impressions. Titanium alloy.



**PXMUTSB** **Titanium Scan Body, Multi-unit**  
 Use to scan and make a digital model of multi-unit analogs at the abutment level. Titanium alloy. Hand tighten.



**BCMUCA** **Angled Multi-unit Delivery Handle (pack of 2)**  
 Flexible delivery handle, packaged with all Angled Multi-unit abutments. PEEK.

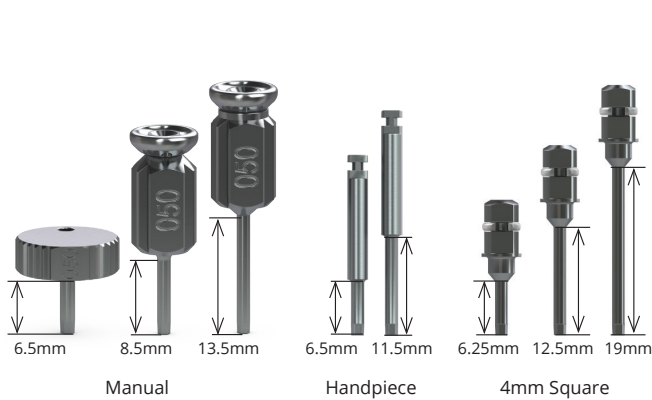


**C5300.1601** **Disconnecter for CONOLOG abutments, short**  
**C5300.1603** **Disconnecter for CONOLOG abutments, long**

For easy removal of CONOLOG abutments from implants. Stainless steel.

# CONOLOG® PROGRESSIVE Multi-unit

## Prosthetic instrumentation



135-251	Manual Hex Driver, Short
135-351	Manual Hex Driver
135-451	Manual Hex Driver, Long
134-350	Handpiece Hex Driver
134-450	Handpiece Hex Driver, Long
300-350*	4mm Square Hex Driver
300-351*	4mm Square Hex Driver, Long
300-354*	4mm Square Hex Driver, Extra Long

For installation and removal of cover caps, prosthetic and abutment screws.



### PXMUHAM Manual Multi-unit Hex Adapter

Use to hand tighten straight Multi-unit abutments.

### PXMUHAH Handpiece Multi-unit Hex Adapter

Use to torque straight Multi-unit abutments. Driven by latch-type handpiece. Do not exceed 20 Ncm.

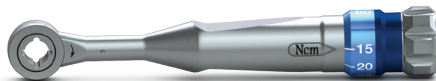
### PXMUHAR\* 4mm Square Multi-unit Hex Adapter

Use to torque straight Multi-unit abutments. Driven by 4mm square drive handwrench, ratchet, or torque wrench. Do not exceed 20 Ncm.



### J5317.0501 Screwdriver, short

Hex, short. Manual/wrench.  
22.5 mm length. Stainless steel.



### ATW ITL Precise Adjustable Torque Wrench

Place abutments with 9 distinct torque settings (15, 20, 25, 30, 35, 40, 45, 50 and 60 Ncm). A simple twist of the handle locks in precision-engineered torque values and guarantees accuracy and repeatability.



### AGYR-15500 Torque Control 15500

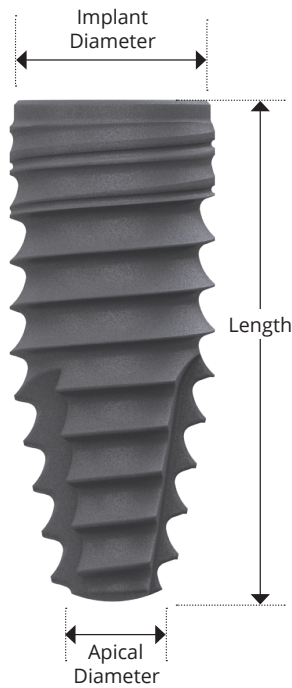
Ergonomic design is the ideal solution for access to screws placed in the posterior. The 7 predetermined torque values (10, 15, 20, 25, 30, 32 and 35 Ncm) make it a tool of extreme precision.

\* Instrument o-rings & c-rings wear out over time. If an instrument is no longer held securely by its associated driver, order a replacement ring through Customer Care.



# CONOLOG® PROGRESSIVE Multi-unit

## CONOLOG Progressive-Line implants & kits



### CONOLOG® PROGRESSIVE-LINE implant, Promote® Plus

Includes insertion post (snap-in or screw-mounted) and cover screw.  
Packaged sterile. Titanium Grade 4.

Snap-in Part Number	Screw-mounted Part Number	Implant Diameter	Length	Apical Diameter
C1086.3309	C1085.3309	3.3 mm	9 mm	2.2 mm
C1086.3311	C1085.3311		11 mm	
C1086.3313	C1085.3313		13 mm	
C1086.3316	C1085.3316		16 mm	
C1086.3807	C1085.3807	3.8 mm	7 mm	3.0 mm
C1086.3809	C1085.3809		9 mm	
C1086.3811	C1085.3811		11 mm	2.7 mm
C1086.3813	C1085.3813		13 mm	
C1086.3816	C1085.3816	16 mm		
C1086.4307	C1085.4307	4.3 mm	7 mm	3.0 mm
C1086.4309	C1085.4309		9 mm	
C1086.4311	C1085.4311		11 mm	2.7 mm
C1086.4313	C1085.4313		13 mm	
C1086.4316	C1085.4316	16 mm		



**J5300.0071**

**CONOLOG® PROGRESSIVE-LINE Flex Surgery set**

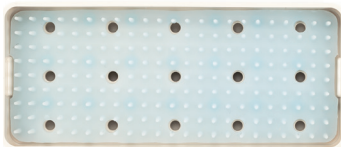
Includes the instrumentation required to place:  
CONOLOG® PROGRESSIVE according to the Flex protocol



**J5300.0074**

**CONOLOG® PROGRESSIVE Guide System Starter Set**

Includes the pilot, pre-, form and dense bone drills for lengths 9 mm to 13 mm for the 3.8 mm and 4.3 mm diameter Progressive-Line implants as well as 3.8 mm and 4.3 mm gingiva punches, insertion tools, screwdrivers and a torque wrench.



**J5330.8700**

**Prosthetic tray, universal**

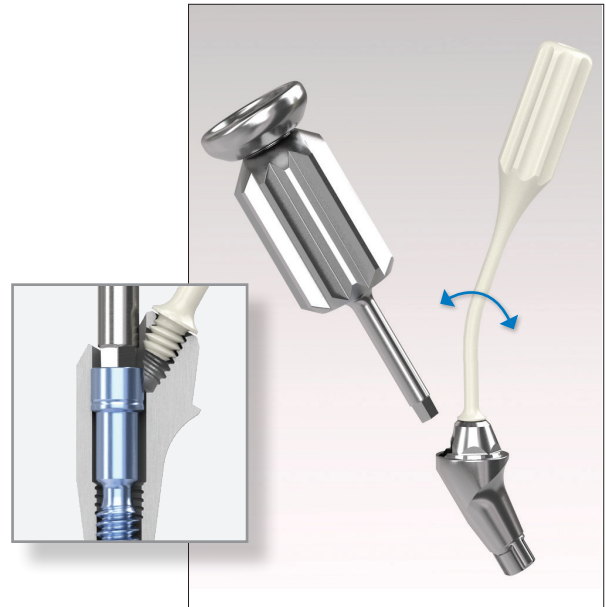
Without content. Resterilizable. 162 x 73 x 29 mm. Radel® /Silicone.

# Multi-unit abutment procedure

## Abutment delivery

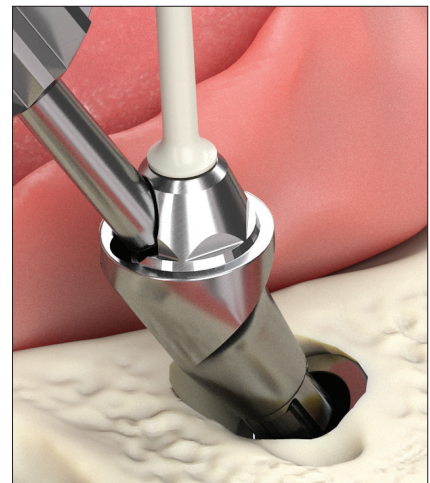
### Remove Angled Multi-unit abutment from the packaging

CONELOG Angled Multi-unit abutments are packaged with a flexible carrier attached to the abutment for convenient delivery. A hex driver can be placed in the multi-unit abutment screw prior to delivery to assist with seating the abutment. The flexible carrier can be bent during placement to aid insertion into the implant.



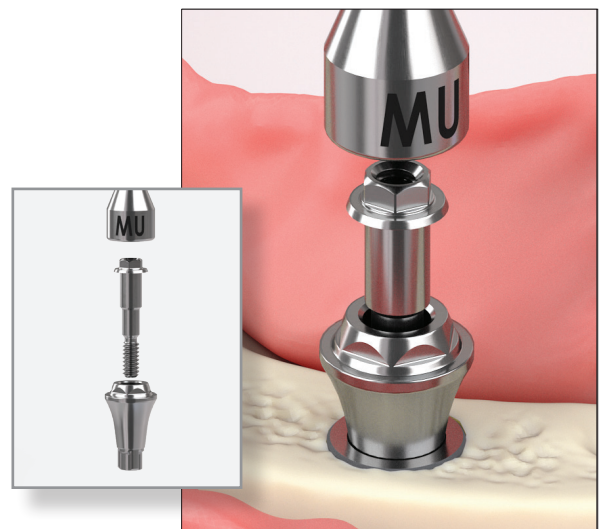
### Deliver posterior implant Multi-unit abutments

Seat the Multi-unit abutment in the posterior implants using the flexible carrier and hand tighten the abutment screw using the hex driver. Once the abutment screw has been hand tightened, remove the flexible carrier and torque the abutment screw to 20 Ncm using the 4mm square hex driver and a torque wrench.



### Deliver anterior implant Multi-unit abutments

Remove the Straight Multi-unit abutment and abutment screw from the packaging. Place the Straight Multi-unit abutment and abutment screw into the implant. Hand tighten using the manual multi-unit hex adapter and then torque to 20 Ncm using the 4mm square multi-unit adapter and a torque wrench.



When delivering abutments to mandibular sites, seat the abutment into the implant and then place the screw.

Abutment screws should be torqued to 20 Ncm, prosthetic screws should be torqued to 15 Ncm.

# Ordering and warranty information

Territory Manager: \_\_\_\_\_

cell phone: \_\_\_\_\_

email and/or fax: \_\_\_\_\_

**BioHorizons Lifetime Warranty on Implants and Prosthetics:** All BioHorizons implants and prosthetic components include a Lifetime Warranty. BioHorizons implant or prosthetic components will be replaced if removal of that product is due to failure (excluding normal wear to overdenture attachments).

**Additional Warranties:** BioHorizons warranties surgical drills, taps and other surgical and restorative instruments.

**(1) Surgical Drills and Taps:** Surgical drills and taps include a warranty period of ninety (90) days from the date of initial invoice. Surgical instruments should be replaced when they become worn, dull, corroded or in any way compromised. Surgical drills should be replaced after 12 to 20 osteotomies.<sup>3</sup>

**(2) Instruments:** The BioHorizons manufactured instrument warranty extends for a period of one (1) year from the date of initial invoice. Instruments include drivers, implant site dilators and BioHorizons tools used in the placement or restoration of BioHorizons implants.

**Return Policy:** Product returns require a Return Authorization Form, which may be acquired by contacting Customer Care. The completed Return Authorization Form must be included with the returned product. For more information, please see the reverse side of the invoice that was shipped with the product.

**Disclaimer of Liability:** BioHorizons products may only be used in conjunction with the associated original components and instruments according to the Instructions for Use (IFU). Use of any non-BioHorizons products in conjunction with BioHorizons products will void any warranty or any other obligation, expressed or implied.

Treatment planning and clinical application of BioHorizons products are the responsibility of each individual clinician. BioHorizons strongly recommends completion of postgraduate dental implant education and adherence to the IFU that accompany each product. BioHorizons is not responsible for incidental or consequential damages or liability relating to use of our products alone or in combination with other products other than replacement or repair under our warranties.

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**Availability:** Not all products shown or described in this literature are available in all countries. BioHorizons continually strives to improve its products and therefore reserves the right to improve, modify, change specifications or discontinue products at any time.

Any images depicted in this literature are not to scale, nor are all products depicted. Product descriptions have been modified for presentation purposes. For complete product descriptions and additional information, visit [store.biohorizons.com](http://store.biohorizons.com).

## References

1. Semper-Hogg, W, Kraft, S, Stiller, S et al. Analytical and experimental position stability of the abutment in different dental implant systems with a conical implant–abutment connection. *Clin Oral Invest* (2013) 17: 1017
2. Semper Hogg W, Zulauf K, Mehrhof J, Nelson K. The influence of torque tightening on the position stability of the abutment in conical implant-abutment connections. *Int J Prosthodont* 2015;28:538-41
3. Heat production by 3 implant drill systems after repeated drilling and sterilization. Chacon GE, Bower DL, Larsen PE, McGlumphy EA, Beck FM. *J Oral Maxillofac Surg*. 2006 Feb;64(2):265-9. R30003b

# Direct Offices

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[store.biohorizons.com](http://store.biohorizons.com)

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