# Pro Zygoma
prosthetic catalog

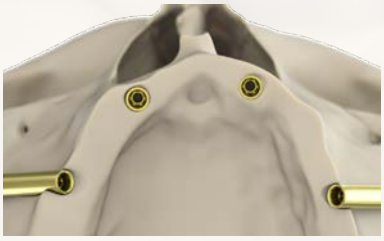


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BIOHORIZONS®

# Remote Anchorage Solutions

Based on the proven Tapered Pro Conical deep conical design, the BioHorizons Remote Anchorage system is designed for predictable immediate treatment and surgical efficiency with a best-in-class conical connection.[1]



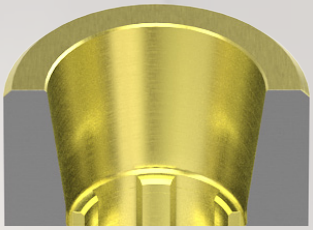
## Single prosthetic platform

Perform a full-arch case with the use of a single prosthetic platform to improve surgical and restorative workflow efficiency, reduce cost and streamline inventory management.

## 6-cam connection

The 6-cam connection is designed for flexible abutment orientation options and simplified abutment insertion with antirotation capability.





## Conical connection

BioHorizons conical connection features a long conus designed to reduce micromovements and a 7.5° angulation that is proven to provide superior positional stability in comparison to other conical systems.[1]



## Expansive multi-unit portfolio

The expanded multi-unit abutment portfolio now includes angulations from 17° to 60° with gingival heights up to 3mm and slim abutment profiles. Specifically designed to accommodate diverse anatomical needs.

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# Multi-unit abutments

## Angled abutments

### Conical Multi-Unit 45° Angled Abutment




| Part number | Platform | Gingival height |
|---|---|---|
| CR45MU15 | Regular conical | 1.5mm |
| CR45MU25 | | 2.5mm |

### Slim Conical Multi-Unit 45° Angled Abutment



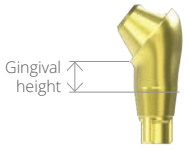

| Part number | Platform | Gingival height |
|---|---|---|
| CR45MU20 | Regular conical | 2.0mm |
| CR45MU30 | | 3.0mm |

### Conical Multi-Unit 52° Angled Abutment




| Part number | Platform | Gingival height |
|---|---|---|
| CR52MU15 | Regular conical | 1.5mm |
| CR52MU25 | | 2.5mm |

### Slim Conical Multi-Unit 52° Angled Abutment




| Part number | Platform | Gingival height |
|---|---|---|
| CR52MU20 | Regular conical | 2.0mm |

### Conical Multi-Unit 60° Angled Abutment




| Part number | Platform | Gingival height |
|---|---|---|
| CR60MU15 | Regular conical | 1.5mm |
| CR60MU25 | | 2.5mm |

# Multi-unit abutments

## Angled abutments




### Conical Multi-unit 17° Angled Abutment

| Part number | Platform | Gingival height |
|---|---|---|
| **CR17MU2** | Regular conical | 2.0mm |
| **CR17MU3** | | 3.0mm |
| **CR17MU4** | | 4.0mm |



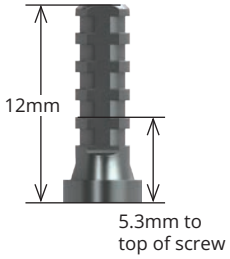

### Conical Multi-unit 30° Angled Abutment

| Part number | Platform | Gingival height |
|---|---|---|
| **CR30MU2** | Regular conical | 2.0mm |
| **CR30MU3** | | 3.0mm |
| **CR30MU4** | | 4.0mm |

Angled multi-unit abutments have a 60-degree offset cam arrangement, allowing a total of six rotational positions to obtain the optimal prosthetic axis. All angled multi-unit abutments are packaged with a multi-unit delivery handle and an angled multi-unit abutment screw. Titanium alloy. Tighten to 20Ncm.

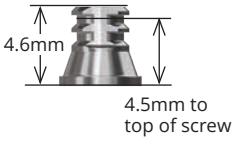
# Multi-unit components

## Copings



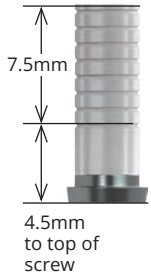

**PXMUTC** **Titanium Coping**

Use for fabricating acrylic temporary and final prostheses. May be trimmed for height. Packaged with prosthetic screw (PXMUPSR). Titanium alloy. Tighten to 15Ncm.



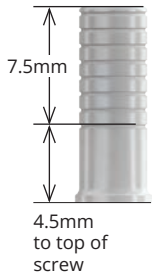

**PXMUTCS** **Titanium Coping, Short**

Use for fabricating acrylic temporary and final prostheses. May be trimmed for height. Packaged with prosthetic screw (PXMUPSS). Titanium alloy. Tighten to 15Ncm.



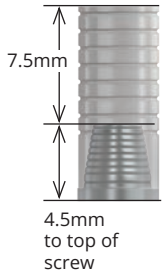

**PXMUGC** **Gold Custom Castable Coping**

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. Tighten to 15Ncm.




**PXMUPC** **Plastic Custom Castable Coping**

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®). Tighten to 15Ncm.

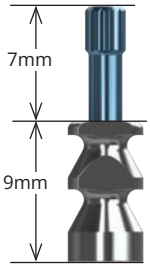



**PXMUPFC** **Passive Fit Coping**

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. Tighten to 15Ncm.

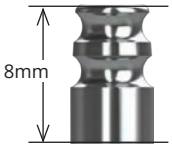
# Multi-unit components

## Impression 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 (10Ncm-15 Ncm).




**PXMUIC** **Indirect Transfer Coping, Multi-unit**

Use to make an indirect transfer (closed-tray) impression at the abutment level. Titanium alloy. Hand-tighten (10Ncm-15 Ncm).



**PXMUCC** **Cover Cap, Multi-unit**

Hand-tighten with .050" (1.25mm) Hex driver or Unigrip™ screw driver. Titanium alloy. Hand-tighten (10Ncm-15 Ncm).



**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. Hand-tighten (10Ncm-15 Ncm).



**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.

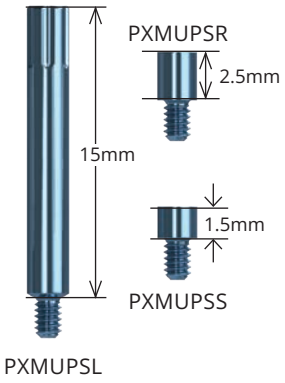


**PXMUTSB** **Multi-unit Titanium scan body**

Use to scan and make a digital model of multi-unit analogs at the abutment level.

# Multi-unit components

## Screws




### Multi-unit Prosthetic Screw

| | |
|---|---|
| PXMUPSR | Regular (pack of 5) |
| PXMUPSR25 | Regular (pack of 25) |
| PXMUPSL | Long (pack of 5) |
| PXMUPSS | Short (pack of 5) |

For attaching copings to the Multi-unit abutments. Hand-tighten or torque to 15Ncm with .050" (1.25mm) Hex Driver or Unigrip™ screw driver. Titanium alloy. Included with copings where indicated but can also be ordered separately. Long prosthetic screw (PXMUPSL) is for lab use only.



### Conical Angled Multi-unit Abutment Screw

| | |
|---|---|
| CMUAS | Conical Angled Multi-unit Abutment Screw |
| CMUAS25 | Conical Angled Multi-unit Abutment Screw (pack of 25) |

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



### Direct to Multi-unit Screw

| | |
|---|---|
| PXMUPSD | Direct to Multi-unit Screw |
| PXMUPSD5 | Direct to Multi-unit Screw (pack of 5) |
| PXMUPSD25 | Direct to Multi-unit Screw (pack of 25) |

For securing zirconia, PMMA and 3D-printed restorations directly to a Multi-unit abutment for straight and angulated screw channels. Titanium alloy. Recommended torque: 15 Ncm with .050" (1.25mm) Hex Driver or Conical Ballpoint Driver (for angulated screw channels only).



### Multi-unit CAD/CAM Bar Screw

| | |
|---|---|
| PXMUPSA | Bar Prosthetic Screw, Multi-unit |
| PXMUPSA25 | Bar Prosthetic Screw, Multi-unit (pack of 25) |

For attaching CAD/CAM bar restorations to the Multi-unit abutments. Titanium alloy. Hand-tighten or torque to 15Ncm with .050" (1.25mm) Hex Driver or Ballpoint Driver (CBDRL), depending on application. The Ballpoint Driver is required for bars with an angled screw channel.



### Conical Cover Screw

| Part number | Platform |
|---|---|
| CRCC | Regular |

Hand-tighten (10-15 Ncm) with the .050" (1.25mm) Hex Driver. Titanium alloy.

# Ancillary instruments

## Miscellaneous instruments



### Torque Wrench 4mm Square 80Ncm

| | |
|---|---|
| STW80 | **Torque Wrench 4mm Square 80Ncm** |

Lightweight design is easy to use as a ratchet or adjustable torque wrench with visual indicators for 30, 45, 60 and 80. Comes packaged with a 4mm square adaptor. Quickly disassembles for cleaning. No calibration required.



### Disconnector for Abutments*

| | |
|---|---|
| CDTS | **Disconnector For Abutments, Short** |
| CDTL | **Disconnector For Abutments, Long** |

For removal of conical abutments from implants. Stainless steel.



### Conical Ballpoint Drivers

| | |
|---|---|
| CBDHS | **Conical Ballpoint Driver, Handpiece, Short** |
| CBDHL | **Conical Ballpoint Driver, Handpiece, Long** |
| CBDRS* | **Conical Ballpoint Driver, Ratchet, Short** |
| CBDRL* | **Conical Ballpoint Driver, Ratchet, Long** |

Used with engaging titanium bases for angled screw channels.

# Restorative instruments

## Try-in abutments & Hex drivers

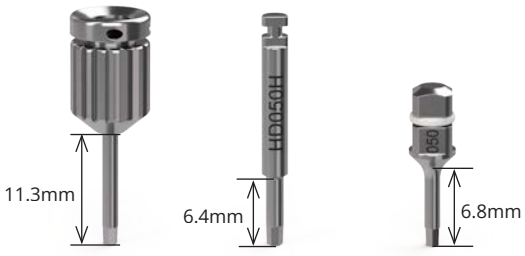
### Conical Multi-unit Try-in Abutment*




| 17° angled** | 30° angled** | 45° angled | 52° angled | 60° angled |
|---|---|---|---|---|
| **CRTRY17** | **CRTRY30** | **CRTRY45** | **CRTRY52** | **CRTRY60** |
| Regular | Regular | Regular | Regular | Regular |
| 4mm<br>3mm<br>2mm | 4mm<br>3mm<br>2mm | 2.5mm<br>1.5mm<br>3.0mm (slim)<br>2.0mm (slim) | 2.5mm<br>1.5mm<br>2.0mm (slim) | 2.5mm<br>1.5mm |

Multi-unit Try-in Abutments may be used to measure tissue thickness and verify proper prosthetic seating prior to final abutment seating. Each Try-in is laser-marked to correspond with the Multi-unit Abutment collar heights. Try-in is carried to the site by the handle and snaps into the implant.

** Instrument snap rings wear out over time. If an instrument is no longer held securely by its associated driver, order a replacement ring through Customer Care.*
*** Not Included in the ZSK5000*




*Manual* *Handpiece* *Ratchet*

### .050" (1.25mm) Hex Drivers

| | |
|---|---|
| **HD050M** | **Manual .050" Hex Driver** |
| **HD050H** | **Handpiece .050" Hex Driver** |
| **HD050R** | **Ratchet .050" Hex Driver** |

For installation and removal of cover screws, healing caps and abutment screws. The handpiece hex drivers are used with latch-type contra-angle handpieces.

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

# Ordering & warranty information

**Territory manager:** _____

**Cellphone:** _____

**Email and/or fax:** _____

**BioHorizons Lifetime Warranty on Implants and Prosthetics for Clinicians:** 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.[2]

**(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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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.

# References


1. Semper-Hogg, W et al. Analytical and experimental position stability of the abutment in different dental implant systems with a conical implant–abutment connection. *Clinical Oral Investigation* (2013) 17: 1017.
2. 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

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