



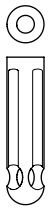
Paragon (Core-Vent)* Sulzer Dental



Core-Vent



Screw-Vent



Bio-Vent



Micro-Vent




Taper-Lock

The complete Paragon (Core-Vent) System was developed by Dr. Gerald A. Niznick. The research and development department of Attachments International, Inc and Peter E. Staubli assisted Dr. Gerald A. Niznick with the design of the original restorative components. The original Core-Vent implant was introduced in 1982 to provide the dental profession with a system that allowed for the most versatile applications, at that time.

Today, the Paragon (Core-Vent) Implant Company, a subsidiary of SulzerMedica, produces a variety of implants such as, the original Core-Vent (CV), Screw-Vent (SV), Bio-Vent (BV), Micro-Vent (MV), and the Taper-Lock. Components for the SD and MD are found in this section. The Taper-Lock implant is a Renew RE-Mark and Branemark regular platform compatible implant and all restorative options are found in the Renew RE-Mark section. Paragon offers five types of implants:

- **SD, Small Diameter—Includes CV 3.5, MV 3.25, BV 3.5, SV 3.7 & 3.75**
- **MD, Medium Diameter—Includes CV 4.5, MV 4.25 & 4.7, BV 4.5, SV 4.7**
- **Screw-Vent Wide Diameter 5.7mm 6.0 Platform**
- **Taper-Lock external hex (Branemark Regular Platform compatible)**
- **SwissPlus**

 **Note:** All CV 3.25, MV 3.25, BV 3.5 & Screw-Vent, CV 4.5 & MV 4.25 implants manufactured after 1991, have a 2.5mm anti rotational internal hex. The original CV implant had a 2.0mm hex which was discontinued in 1991.

Components for the Screw-Vent Wide Diameter and SwissPlus are not listed currently.

Implants	Restoratively Compatible To
■ Core-Vent SD 3.5	MV 3.25, SV 3.7 & 3.75, BV 3.5
■ Core-Vent MD 4.5	MV 4.25 & 4.7, SV 4.7, BV 4.5
■ Screw-Vent WD 5.7 - 6.0 Platform	none
■ Taper-Lock external hex - 4.1 Platform <i>Refer to RE-Mark section for compatible components.</i>	Renew RE-Mark Regular Platform 4.1 Branemark, Regular Platform 4.1 3i Miniplant & Standard Osseotite IMZ Hex Head 3.3 & 4.0 Innova Entegra 3.25 & 4.0 Restore RD & Sustain RD Steri-Oss Hex-Loc 3.8 & 4.5
■ SwissPlus	Renew RE-Fit TG ITI Syn-Octa 4.8

Indications and Quantities of Implants recommended:

- * **Single Tooth Replacement**
1 implant is required. Do not place the original 2.0mm implant as it has been discontinued.
- * **Bridge Reconstructions**
Recommended for 1 implant attached to an abutment, or for 2 or more free standing implants.
- * **Fixed / Detachable Reconstructions**
Recommended for 5 or more implants on a fully edentulous arch.
- * **Bar Type Overdentures**
Recommended for 2 or more implants or far an implant attached to a natural abutment.
- * **Stud Type Overdentures**
Requires at least 1 implant. Whenever possible more implants should be used.



Terminology of Components

Restorative Components:

The restorative components are the elements used to fabricate a restoration that will be connected to the implant(s). The restoration may also be attached to an intermediate component called a tissue extension or abutment which in turn is connected to the implant(s).

Implant Body:

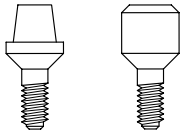
The implant body is placed into the bone for approximately 4-6 months to allow for osseointegration. The implants should not be loaded prior to osseointegration.



Core-Vent

Tissue Extension:

The TE (Tissue Extension) also referred to as the TSI abutment, is the intermediate connector between the implant and the restoration, it may extend above the tissue. In some instances, a TE extension is subgingival, to provide a more esthetic restoration.

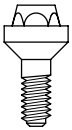


TSI 1

TSI 3

Implant Standardization:

The Renew UMA tissue extension was developed to standardize the many different implant companies' components and instruments for a more economically controlled inventory and for simplicity of restorative procedures. Its tapered/hexagon fitting surface is identical, regardless of the size or type of implant employed, while its screw-in base is implant specific.



UMA

Compatibility:

Implants

- **Core-Vent SD** 3.5
- **Core-Vent MD** 4.5
- **Screw-Vent WD** 5.7 - 6.0 Platform
- **Taper-Lock** external hex - 4.1 Platform
Refer to Branemark section for compatible components.

■ SwissPlus

Restoratively Compatible To

MV 3.25, SV 3.7 & 3.75, BV 3.5

MV 4.25 & 4.7, SV 4.7, BV 4.5

none

Renew RE-Mark Regular Platform 4.1

Branemark, Regular Platform 4.1

3i Miniplant & Standard Osseotite

IMZ Hex Head 3.3 & 4.0

Innova Entegra 3.25 & 4.0

Steri-Oss Hex-Loc 3.8 & 4.5

Renew RE-Fit TG

ITI Syn-Octa 4.8

Abbreviations:

In the following text the implant names have been abbreviated to :
Core-Vent (CV), Micro-Vent (MV), Screw-Vent (SV), Bio-Vent (BV)

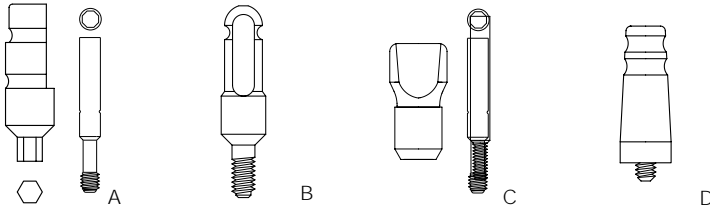


IMPRESSION COPINGS

Impression copings are used to take an impression of the implant body or of the tissue extension, such as the UMA, or the TSI. The one piece titanium impression copings fit to the implant bodies and are used to transfer the thread timing. The two piece titanium hexed impression coping transfers the hex orientation. The Swede-Vent is restoratively compati-

ble with the Renew RE-Mark and Branemark - refer to the Renew RE-Mark compatible section for components.

When the UMA insert is used as a tissue extension, the standard line of UMA components are indicated.



SD Small Diameter Implant CV 3.5, MV 3.25, SV 3.7 & 3.75, BV 3.5
MD Medium Diameter Implant CV 4.5, MV 4.25 & 4.7, SV 4.7, BV 4.5



Description

Impression Copings—To Fit Implant

Hex Impression Coping w/ .050" Hex Guide Pin (2 piece) (A)
Non-Hex Impression Coping (1 piece) (B)

Impression Copings—To Fit UMA

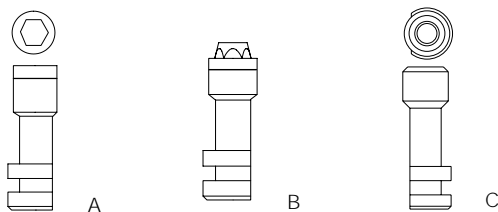
UMA Hex Impression Coping w/ .050" Hex Guide Pin (2 piece) (C)
UMA Non-Hex Impression Coping (1 piece) (D)

Order #	Order #
49-300090	49-400090
49-300080	N/A
11-000090	11-000090
11-000080	11-000080

ANALOGS

Analogs are used for the fabrication of a master model. They replicate the fitting surface and threads of the implant body, the UMA tissue extension or the TSI (Ti Straight Insert).

When the UMA insert is used in place of the TSI, then the standard line of UMA components are indicated.



Description

Implant Body Analog, Stainless (A)
UMA Analog, Brass (B)
TSI Analog, Stainless (C)



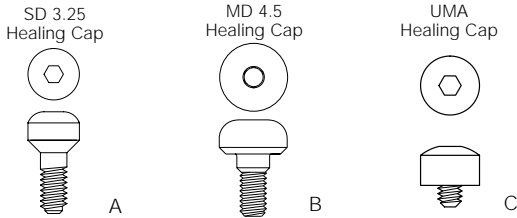
Order #	Order #
49-300015	49-400015
11-000015	11-000015
49-000015	49-000015



HEALING CAPS

Healing caps are used to maintain access through tissue during the healing phase. They are available in various heights to accommodate tissue depth. Two types of titanium

healing caps are available, both requiring the .050" hex driver: A) fits directly to the implant, B) fits on the UMA.



SD Small Diameter Implant CV 3.5, MV 3.25, SV 3.7 & 3.75, BV 3.5
MD Medium Diameter Implant CV 4.5, MV 4.25 & 4.7, SV 4.7, BV 4.5

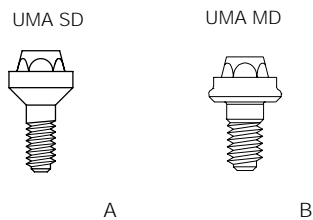


Description	Dimensions	Order #	Order #
Healing Caps—To Fit Implant (A & B)			
Implant Healing Cap	H=2.0mm	49-302120	49-402120
Implant Healing Cap	H=4.0mm	49-302140	49-402140
Implant Healing Cap	H=6.0mm	49-302160	49-402160
Healing Caps—To Fit UMA (C)			
UMA Healing Cap	H=2.0mm	11-002120	11-002120
UMA Healing Cap	H=4.0mm	11-002140	11-002140
UMA Healing Cap	H=6.0mm	11-002160	11-002160

UMA (TISSUE EXTENSION)

The UMA insert was designed to simplify inventory and set an industry standard. Its tapered/hexagon fitting surface is identical, regardless of the size or type of implant employed, while its screw-in base is implant specific.

When the UMA insert is used instead of the TSI, the standard line of UMA components are indicated. For tools, refer to the Bio-Torq or LT/RA systems pgs 260-263.



SD Small Diameter Implant CV 3.5, MV 3.25, SV 3.7 & 3.75, BV 3.5
MD Medium Diameter Implant CV 4.5, MV 4.25 & 4.7, SV 4.7, BV 4.5



Description	Dimensions	Order #	Order #
UMA, Tissue Extension (A & B)			
UMA, Tissue extension	H=1.5mm	11-001215	11-001271
UMA, Tissue extension	H=2.0mm	11-001220	11-001272
UMA, Tissue extension	H=3.0mm	11-001230	11-001273
UMA, Tissue extension	H=4.0mm	11-001240	11-001274
UMA, Tissue extension	H=5.0mm	11-001250	11-001275
UMA, Tissue extension	H=6.0mm	11-001260	11-001276
UMA, Tissue extension	H=7.0mm	11-001270	11-001277



Paragon (Core-Vent) Compatible

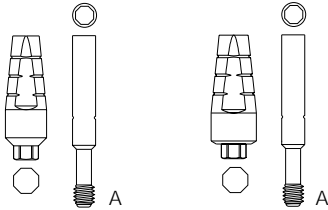
**Direct Hex Ti Posts
2 Piece**

**Direct Screw-In Ti &
Plastic Posts 1 Piece**

DIRECT HEX TITANIUM POSTS, TWO PIECE

The direct hex titanium abutment post interlocks with the 2.5mm internal hex of the implant and is secured with the fastening screw. The fastening screw is identical for the SD and the MD titanium post. The titanium posts can be altered like a preparation. Bulk trimming of the titanium post should

be done outside of the oral cavity. Fabricate a soft tissue model whenever preparations are made in the laboratory. If the final restoration is to be retrievable, then consider set screws.



- SD** Small Diameter Implant CV 3.5, MV 3.25, SV 3.7 & 3.75, BV 3.5
- MD** Medium Diameter Implant CV 4.5, MV 4.25 & 4.7, SV 4.7, BV 4.5



Description

Direct Hex Titanium Post & .050" Hex Screw (A)

USE WITH:

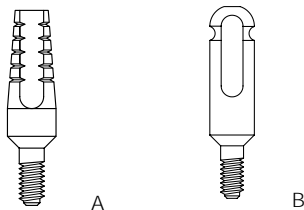
Impression Coping Hex w/ .050" Hex Guide Pin, two piece
Implant Body Analog, 2.5mm Hex

Order #	Order #
49-301300	49-401300
49-300090	49-400090
49-300015	49-400015

DIRECT SCREW-IN TITANIUM POSTS, ONE PIECE

The direct titanium abutment posts (without external hex) screws into the implant body and may be secured with Teflon tape, Omni-Lite or OMNI-Bond (see auxiliary implant section). The tapered posts can be altered like a preparation. Bulk trimming of the titanium post should be done out-

side of the oral cavity. Fabricate a soft tissue model whenever preparations are made in the laboratory. If the final restoration is to be retrievable then consider set screws. The plastic post should be cast only in precious or semi-precious alloy. A die is used to refine the cast thread section.



- SD** Small Implant Diameter CV 3.5, MV 3.25, SV 3.7 & 3.75, BV 3.5
- MD** Medium Implant Diameter CV 4.5, MV 4.25 & 4.7, SV 4.7, BV 4.5



Description

Dimensions

Direct Titanium Post w/ .050" hex hole (A)
 Direct Titanium Post w/ .050" hex hole
 Direct Plastic Post (B)

2.0mm
 3.0mm
 2.0mm

USE WITH:

Impression Coping
Implant Body Analog (2.5mm internal hex)

TOOLS:

Hex Driver .050" required with Direct Ti Post

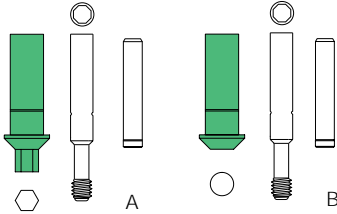
Order #
49-301220
49-301230
49-301120
49-300090
49-300015
11-000007



CV-UCLA ABUTMENTS Cylinder, Screw & Plug

The UCLA abutment system is the most widely used restorative concept for single tooth or bridge type restorations. The restorative possibilities include single tooth, bridge, tele-

scopic, and bar type overdenture restorations. Each CV-UCLA abutment includes the castable plastic abutment, .050" hex screw, and the patented occlusal plug.



- SD** Small Diameter Implant CV 3.5, MV 3.25, SV 3.7 & 3.75, BV 3.5
- MD** Medium Diameter Implant CV 4.5, MV 4.25 & 4.7, SV 4.7, BV 4.5



Description

CV-UCLA, Hex Abutment & .050" Screw, Green (SD) (A)
 CV-UCLA, Hex Abutment & .050" Screw, Red (MD)

Order #	Order #
49-300202	—
—	49-400202
49-300252	—
—	49-400252
49-300200	—
—	49-400200
49-300250	—
—	49-400250
49-300052	49-300052
49-300090	49-400090
49-300080	—
49-300015	49-400015

CV-UCLA, Non-Hex Abutment & .050" Screw, Green (SD) (B)
 CV-UCLA, Non-Hex Abutment & .050" Screw, Red (MD)

PARTS

- CV-UCLA, Hex Abutment Only, Plastic, Green (SD)
- CV-UCLA, Hex Abutment Only, Plastic, Red (MD)
- CV-UCLA, Non-Hex Abutment Only, Plastic, Green (SD)
- CV-UCLA, Non-Hex Abutment Only, Plastic, Red (MD)
- CV-UCLA, Screw Only, Titanium .050" Hex

USE WITH

- Impression Copings Hex (Two Piece)—To Fit Implant, 2.5mm Hex
- Impression Copings Non-Hex (One Piece Tapered)
- Implant Analog, Brass

TOOLS

- DDS Slot Screwdriver 11-000005
- Lab .050" Driver 11-000006
- DDS .050" Hex Driver 11-000007

BIO-TORQ WRENCHES/TIPS & LT/RA DRIVER/TIPS

- BIO-TORQ Wrench 10 N/cm 59-100010
- BIO-TORQ Wrench 20 N/cm 59-100020
- BIO-TORQ Wrench 30 N/cm 59-100030
- BIO-TORQ Tip Hex .050", Short 59-100120
- BIO-TORQ Tip Hex .050", Long 59-100125
- LT/RA Driver 58-100000
- LT/RA Latch Tip .050" Hex, Short 58-100120
- LT/RA Latch Tip .050" Hex, Long 58-100125
- UMA, Reamer Gold Handle 11-000150
- Lapping Tool & Guide Pin 49-000155

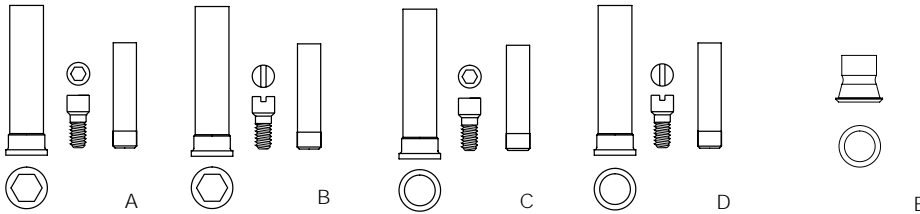


UMA, CYLINDER, SCREW & PLUG (CSP)

The UMA plastic cylinders will fit the UMA tissue extension. We recommend the castable plastic cylinders as there will be no coefficient problem or breakage around the cylinders. All UMA hex screws use the same .050" hex driver. The CSP

abbreviation means that it includes the long castable plastic cylinder, a screw, and an occlusal plug.

DO NOT CAST IMPLANT RESTORATIONS IN NON-PRECIOUS BASE ALLOY.



Description	Order #
UMA, Cylinder, Screw & Plug (CSP)	
UMA, CSP Hex Cylinder & .050" Hex Screw & Plug (A)	11-000202
UMA, CSP Hex Cylinder & Slot Screw & Plug (B)	11-000201
UMA, CSP Non-Hex Cylinder & .050" Hex Screw & Plug (C)	11-000252
UMA, CSP Non-Hex Cylinder & Slot Screw & Plug (D)	11-000251

PARTS

UMA, Cylinder Only, Hex Plastic, Blue	11-000200
UMA, Cylinder Only, Non-Hex Plastic, Yellow	11-000250
UMA, Short Cylinder Only, Non-Hex Plastic, Red (E)	11-000270
UMA Slot Screw Only	11-000051
UMA Hex .050" Screw Only	11-000052



Note: For Single Parts see UMA Section.



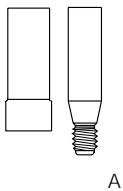
Note: For Slot Screws do not exceed 10 N/cm of torque.

CV-TSI, CYLINDER & SCREW

The TSI (Titanium Straight Insert) plastic cylinders fit the TSI tissue extension. We recommend the castable plastic cylinders as there will be no coefficient problem or breakage around the cylinders. The TSI hex screw uses the standard

.050" (1.25mm) hex driver. The TSI screws may be shortened to desired height.

DO NOT CAST IMPLANT RESTORATIONS IN NON-PRECIOUS BASE ALLOY.



Description	Order #
CV-TSI, Cylinder & Screw	
CV-TSI, Non-Hex Cylinder & .050" Hex Screw, White (A)	49-000252

PARTS

CV-TSI, Cylinder Only, Non-Hex Plastic, White	49-000250
CV-TSI .050" Titanium Hex Screw	49-000052

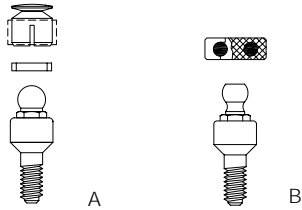


OVERDENTURE STUD TYPE ATTACHMENTS

Two types of overdenture attachments are commonly used to directly screw in to the implant – the Dalla Bona and the ORS, O-Ring system. Both connectors are made of titanium and are attached directly to the implant body. The Dalla Bona includes 1 male, 1 adjustable female, 1 spacer and

1 brass analog. The ORS includes 1 male, 1 retainer ring, 3 white and 3 red O-rings and a brass analog.

The retention of the Dalla Bona female is adjustable with the activating/deactivating tool.



SD Small Diameter Implant CV 3.5, MV 3.25, SV 3.7 & 3.75, BV 3.5
MD Medium Diameter Implant CV 4.5, MV 4.25 & 4.7, SV 4.7, BV 4.5



Description	Dimensions		Order #	Order #
Dalla Bona System (A)				
Dalla Bona, complete 1mm	H= 1mm		49-343010	49-443010
Dalla Bona, complete 2mm	H= 2mm		49-343020	49-443020
Dalla Bona, complete 3mm	H= 3mm		49-343030	49-443030
Dalla Bona, complete 4mm	H= 4mm		49-343040	49-443040
Dalla Bona, complete 5mm	H= 5mm		49-343050	49-443050
Dalla Bona, complete 6mm	H= 6mm		49-343060	49-443060
Dalla Bona, complete 7mm	H= 7mm		49-343070	49-443070
ORS, O-Ring System (B)				
ORS, complete 1mm	H= 1mm		49-344010	49-444010
ORS, complete 2mm	H= 2mm		49-344020	49-444020
ORS, complete 3mm	H= 3mm		49-344030	49-444030
ORS, complete 4mm	H= 4mm		49-344040	49-444040
ORS, complete 5mm	H= 5mm		49-344050	49-444050
ORS, complete 6mm	H= 6mm		49-344060	49-444060
ORS, complete 7mm	H= 7mm		49-344070	49-444070
PARTS				
Dalla Bona, Implant Ti Female, Spacer & Analog	Fø=3.4mm		40-430002	40-430002
Dalla Bona, Ti Female & Spacer only	Fø=3.4mm		99-451012	99-451012
ORS, Retainer Rings (6)	H=2.0mm ø=5.1mm		99-440044	99-440044
ORS, Combo O-Rings 10 red, 10 wt., 10 blk	Mø=4.5mm		99-443037	99-443037
ORS, Implant Retainer Ring, Analog & O-Rings			40-440002	40-440002
TOOLS				
Bio-Torq Socket			59-100190	59-100190
Bio-Torq ORS / Dalla Bona Tip			59-100140	59-100140
LT/RA Handle			58-100190	58-100190
LT/RA ORS / Dalla Bona Tip			58-100140	58-100140
Dalla Bona Activating Tool, Blue			99-451017	99-451017
Dalla Bona Deactivating Tool, Yellow			99-451018	99-451018

Tip: If you'd like to order only the male element Dalla Bona or ORS, replace the last zero of the order number with a 3. For example: 49-343010 is the complete SD Dalla Bona 1mm, the male SD 1mm only is 49-343013.

Note: *The Dalla Bona male ball diameter for all sizes is 4.5mm



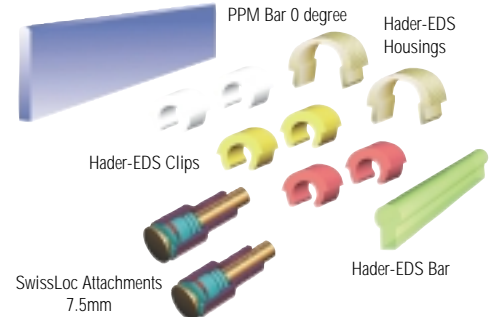
UBS BAR SYSTEM

The UBS—Ultimate Bar System is a convenient kit designed to facilitate the construction of implant bar retained overdentures. In designing this system, consideration has been given to function, ease of use and prevention of distal lift-off while allowing resiliency from the most anterior bar segment.

Applications: Indications are for bar overdentures, precision partial dentures and patient removable implant restorations.

Each system includes:

- 1 Hader-EDS Bar, green plastic (50mm)
- 6 Hader-EDS clips—2 of each retention (2 white, 2 yellow, 2 red)
- 2 Hader-EDS Housings, gold plated stainless steel
- 1 Hader-EDS Seating Tool
- 2 SwissLoc Attachments 7.5mm—adjustable to 4.0mm
- 2 SwissLoc Processing Jigs
- 1 PPM Bar 0 degree, blue plastic (50mm)
- 1 PPM 0 degree Mandrel
- 1 RA 1.5mm Reamer



Description

Order #

UBS BAR KIT

UBS - Ultimate Bar System

99-551000



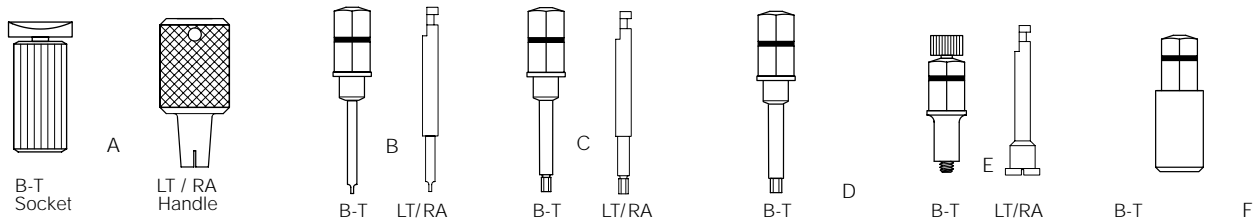
Note: To purchase components or parts separately, refer to the respective pages in the Renew Biocare main catalog.



INSERTION DRIVERS

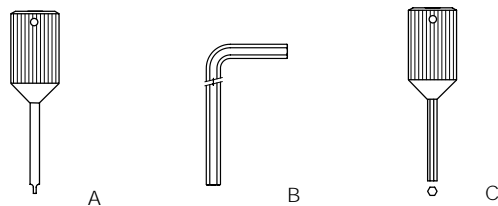
The Bio-Torq (B-T) and LT/RA (latch type) Systems were designed to facilitate the insertion of implant components. The Bio-Torq Paragon (CV) compatible insertion tips may be

utilized with the Bio-Torq socket / adapter or the Bio-Torq wrenches. The LT/RA (latch type) tips are used with right angle handpiece type drivers.



Description	Order #	Order #
	Bio-Torq	LT/RA Driver
Hand Held Socket / Handle (A)	59-100190	58-100190
Slot Type Tip Short	59-100110	58-100110
Slot Type Tip Long (B)	59-100115	58-100115
.050" Hex Tip Short	59-100120	58-100120
.050" Hex Tip .Long (C)	59-100125	58-100125
TSI-1.77mm Tip (D)	59-100185	N/A
UMA Tip Short (E)	59-100150	58-100150
UMA Tip Long	59-100155	N/A
Bio-Torq Extension (F)	59-100195	N/A

STANDARD DRIVERS, B-T WRENCHES & LT/RA DRIVER



Description	Order #
Standard Drivers	
DDS Slot Screwdriver (A)	11-000005
Lab .050" Hex Driver (B)	11-000006
DDS .050" Hex Driver (C)	11-000007
BIO-TORQ Wrenches & LT/RA Driver	
BIO-TORQ Wrench 10 N/cm	59-100010
BIO-TORQ Wrench 20 N/cm	59-100020
BIO-TORQ Wrench 30 N/cm	59-100030
LT/RA Driver	58-100000

Note: For Slot Screws do not exceed 10 N/cm of torque.



REAMERS

The reamer with a gold handle is used to refine the internal access hole of the castable cylinders. The reamer also refines the seat for the head of the screw. The reamer fits all UMA and CV-UCLA abutments.

- SD** Small Diameter Implant CV 3.5, MV 3.25, SV 3.7 & 3.75, BV 3.5
- MD** Medium Diameter Implant CV 4.5, MV 4.25 & 4.7, SV 4.7, BV 4.5



Description

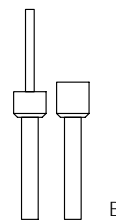
Reamer Gold Handle for UMA / CV-UCLA (A)

Order #	Order #
11-000150	11-000150

LAPPING TOOLS & PASTE

The titanium lapping tool and lapping guide pin are used with diamond polishing paste to refine the fitting surface of the castable cylinder. The lapping tool includes the guide pin. We recommend using the lapping tools no more than 5-6 times.

- SD** Small Implant Diameter CV 3.5, MV 3.25, SV 3.7 & 3.75, BV 3.5
- MD** Medium Implant Diameter CV 4.5, MV 4.25 & 4.7, SV 4.7, BV 4.5



Description

Lapping Tool & Guide Pin (B)
Lapping Paste, 1 micron white diamond

Order #	Order #
49-000155	49-000155
40-001010	40-001010