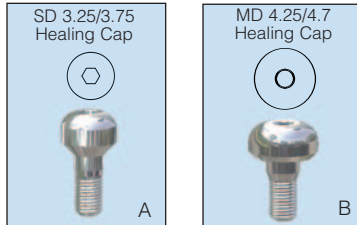


IMPLANT HEALING CAPS

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 (see UMA Indirect Section).



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

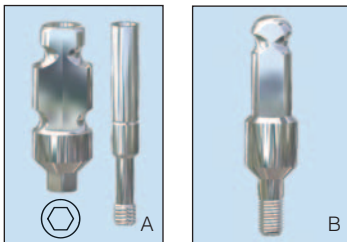


Description	Dimensions	Order #	Order #
Healing Caps—To Fit Implant (A & B)			
Implant Healing Cap	H=.5mm	N/A	49-402105
Implant Healing Cap	H=2.0mm	49-302120	49-402120
Implant Healing Cap	H=4.0mm	49-302140	49-402140
Implant Healing Cap	H=6.0mm	49-302160	49-402160

IMPRESSION COPINGS -To Fit Implant

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 compatible with the Branemark - refer to the Branemark compatible section for components.



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

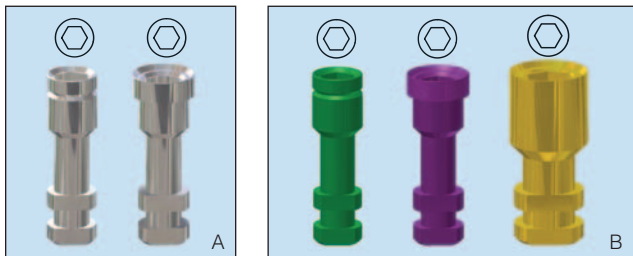


Description	Order #	Order #
Impression Copings—To Fit Implant		
Hex Impression Coping w/ .050" Hex Guide Pin (2 piece) (A)	49-300090	49-400090
Non-Hex Impression Coping (1 piece) (B)	49-300080	N/A

IMPLANT ANALOGS

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

insert is used in place of TSI, then standard line of UMA components are indicated. Two analogs are available: stainless SD, MD and color-coded anodized aluminum SD, MD, WD.



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
WD Wide Diameter Implant SV 5.7

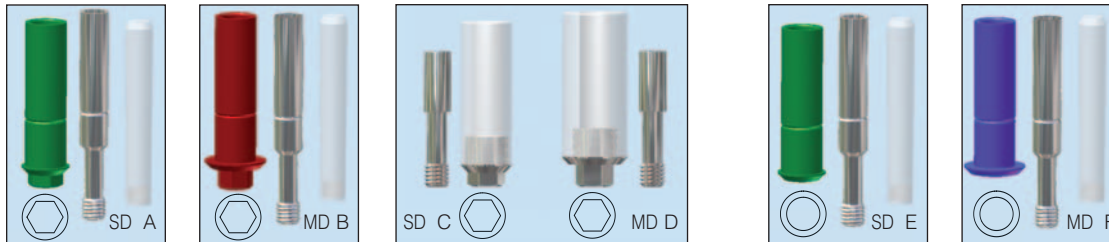


Description	Order #	Order #	Order #
Implant Body Analog (SD, MD 2.5mm internal hex), Stainless (A)			
Implant Body Analog (SD, MD 2.5mm, WD 3.0mm internal hex), Anodized Aluminum (B)	49-300015	49-400015	N/A
	49-300016	49-400016	49-500016

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, telescopic, and bar type overdenture restorations. Each

CV-UCLA plastic abutment includes the castable plastic abutment, .050" hex screw, and the patented occlusal plug. The gold hex abutment includes a gold abutment with a clear plastic chimney and .050" hex screw.



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, Plastic & .050" Screw, Green (SD) (A)
CV-UCLA, Hex Abutment, Plastic & .050" Screw, Red (MD) (B)
CV-UCLA, Hex Abutment, Gold & .050" Screw, Clear (SD) (C)
CV-UCLA, Hex Abutment, Gold & .050" Screw, Clear (MD) (D)

CV-UCLA, Non-Hex Abutment, Plastic & .050" Screw, Green (SD) (E)
CV-UCLA, Non-Hex Abutment, Plastic & .050" Screw, Blue (MD) (F)

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, Blue (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 (2.5mm internal hex), Stainless

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
Reamer, UMA Abutment Carbide .0880" (also fits IMZ & Paragon UCLA Cylinders) (requires Pin Vise 40-000150)	11-000150
Pin Vise for Carbide Reamers .002 - .130"	40-000150
Lapping Tool & Guide Pin	49-000155

Order #	Order #
49-300202	—
—	49-400202
49-300502	—
—	49-400502
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



DIRECT TITANIUM & PLASTIC POSTS AND DIRECT ANGLED ABUTMENTS

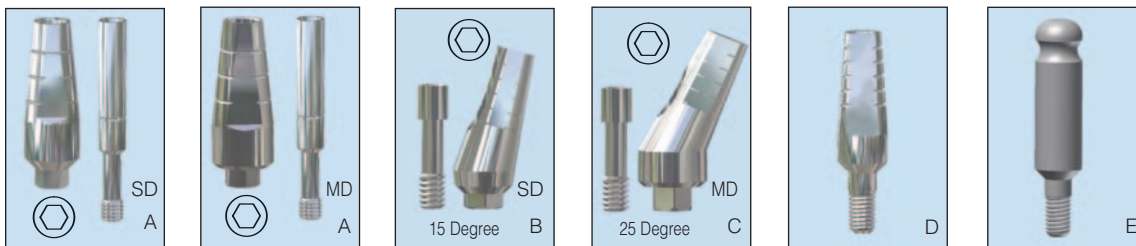
Direct abutment posts are available in two configurations, a two piece in titanium and a one piece in titanium or plastic.

The two piece engages the hex of the implant for anti-rotation and is secured with .050" hex fastening screw. The fastening screw is identical for the SD and the MD titanium post. Two piece titanium Angled Abutments in 15 or 25 degrees are available for divergent implants and include a .050" hex screw.

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.

The one piece direct titanium abutment posts (without external hex) screw into the implant body and may be secured with Teflon tape, Omni-Lite or OMNI-Bond (see auxiliary implant section). The tapered one piece 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, consider set screws.

The one piece direct plastic post should be cast only in precious or semi precious alloy. A die is used to refine the cast thread section.



Description	Dimensions	Order #	Order #
Direct Titanium Posts, 2 piece with .050" hex screw			
Direct Hex Titanium Post & .050" Hex Screw (A)		49-301300	49-401300
Direct Titanium Angled Abutments, 2 piece with .050" hex screw			
Direct 15 degree Angled Abutments with .050" hex screw, two piece (B)		49-301515	49-401515
Direct 25 degree Angled Abutments with .050" hex screw, two piece (C)		49-301525	49-401525
USE WITH:			
Impression Coping Hex w/ .050" Hex Guide Pin, two piece		49-300090	49-400090
Implant Body Analog (2.5mm Internal Hex), Stainless		49-300015	49-400015
Direct Titanium Posts, one piece			
Direct Titanium Post w/ .050" hex hole (D)	2.0mm	49-301220	—
Direct Titanium Post w/ .050" hex hole	3.0mm	49-301230	—
Direct Plastic Post, one piece			
Direct Plastic Post (E)	2.0mm	49-301120	—
USE WITH:			
Impression Coping to fit implant		49-300090	—
Implant Body Analog (2.5mm Internal Hex), Stainless		49-300015	—
TOOLS:			
Hex Driver .050" required with Direct Ti Post		11-000007	

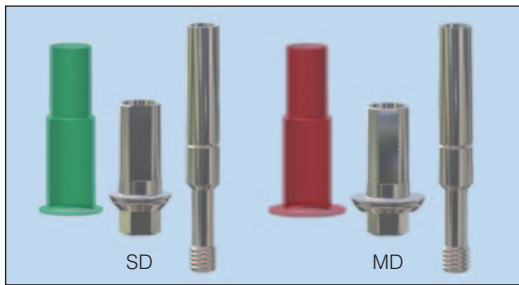


Tip: The one piece titanium posts are indicated for bridge restorations only. The two piece post may be used for single, or bridge restorations. Recommended torque for Angled Abutments is 30 N/cm.

TITANIUM BASES FOR ZIRCONIA ABUTMENTS

The new Titanium Base for custom-made zirconia abutments includes a plastic waxing sleeve that can be contoured with wax or composite and then scanned. State-of-the-art CAD CAM technology is used to manufacture the zirconia abutments that are cemented to the titanium bases. The assembled abutment has the dual advantage of a machined titanium

close-tolerance fitting surface with the implant and with the titanium retaining screw. The natural tooth colored zirconia custom abutment provides the ultimate in crown and bridge aesthetics. The Ti base is available with a color-coded waxing sleeve and an .050 hex screw/guide pin.



- 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
- WD** Wide Diameter Implant SV 5.7



Description

Screw-Vent Engaging Titanium Base, Waxing Sleeve & .050" Hex Screw/Guide Pin

PARTS

Ti Bases & Waxing Sleeve

Screw-Vent Engaging Titanium Base only

Screw-Vent Titanium Base Waxing Sleeve only

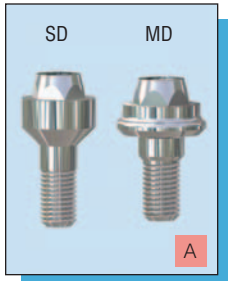
Screw / Guide Pin

Screw-Vent .050 Hex Screw / Guide Pin only

Order #	Order #
49-300602	49-400602
49-300600	49-400600
49-300610	49-400610
49-300052	49-400052

TOOLS

TOOLS FOR .050" HEX SCREW		
 Hex	DDS Hex Driver .050"	11-000007
	BIO-TORQ Tip .050" Hex, Short 6mm	59-100120
	BIO-TORQ Tip .050" Hex, Long 12mm	59-100125
	BIO-TORQ Socket 16.3mm	59-100190
	BIO-TORQ Socket, short 8.1mm	59-100191
	LT/RA RA Hand Driver	58-100000
	LT/RA RA Handle / Socket	58-100190
	LT/RA Latch Tip .050" Hex, Short	58-100120
	LT/RA Latch Tip .050" Hex, Long	58-100125



UMA ABUTMENT

The UMA Abutment (tissue extension), like the TSI Abutment, is an intermediate component made to fit between the implant and the restoration. The UMA has a standardized fitting surface, which allows the UMA restorative components to be interchangeable regardless of the implant type. The **UMA Healing Cap** protects the UMA until the restoration is delivered. The **Bridge Tapered UMA Impression Coping** trans-

fers the UMA position while the **Hex UMA Impression Coping** transfers the hex orientation of the UMA Abutment. The **UMA Analog** replicates the UMA for the model. The **UMA Hex or Non-Hex Plastic Cylinders** are used to make frameworks for bridges or bars. The **UMA CAL System** is used for a passive fit technique. For restorations the fit directly to the implant refer to the Direct **UCLA System** for the specific implant type.

UMA COMPONENTS



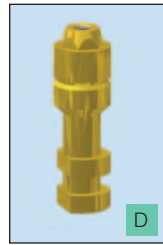
Healing Cap



Impression Coping
Tapered 1 piece



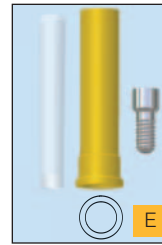
Impression Coping
Hex 2 piece



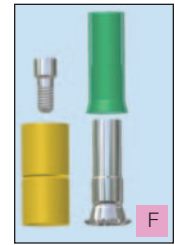
Analog
Brass



CSP
Hex Cyl, Hex screw



CSP
Non-Hex Cyl, Hex Screw



CAL Cylinder



	Description	Dimensions	Intended Use	Order #	Order #
A	UMA Abutment	Tissue Extension Height	Tissue Extension / Abutment		
	UMA, Abutment	H=1.5mm		11-001215	11-001271
	UMA, Abutment	H=2.0mm		11-001220	11-001272
	UMA, Abutment	H=3.0mm		11-001230	11-001273
	UMA, Abutment	H=4.0mm		11-001240	11-001274
	UMA, Abutment	H=5.0mm		11-001250	11-001275
	UMA, Abutment	H=6.0mm		11-001260	11-001276
	UMA, Abutment	H=7.0mm		11-001270	N/A
	Components—To Fit UMA Abutment / Tissue Extension				
B	Healing Cap		Tissue Healing / Management	One Thread Size Fits All UMAs	
	UMA Healing Cap	H=2.0mm ø=4.5mm			11-002120
	UMA Healing Cap	H=4.0mm ø=4.5mm			11-002140
	UMA Healing Cap	H=6.0mm ø=4.5mm			11-002160
C	Impression Coping		Impression Taking / Transfer Timing		
	UMA Impression Coping Tapered, one piece				11-000080
	UMA Impression Coping Hex with .050" Hex Guide Pin, two piece				11-000090
D	Analog		Model Fabrication		
	UMA Analog, Brass				11-000015
E	CSP (Cylinder, Screw & Plug)		Crown & Bridge / Bar Restorations		
	UMA Hex Cylinder (blue), Ti .050" Hex Screw & Occlusal Plug				11-000202
	UMA Hex Cylinder (blue), Ti Slot Screw & Occlusal Plug				11-000201
	UMA Non-Hex Cylinder (yellow), Ti .050" Hex Screw & Occlusal Plug				11-000252
	UMA Non-Hex Cylinder (yellow), Ti Slot Screw & Occlusal Plug				11-000251
F	CAL Cylinder (Passive Fit)		Bars / Fixed Detachable		
	UMA CAL Cylinder, Ti .050" Hex Screw, Waxing Sleeve & Spacer				11-000452
	NOTE: Slot Screws (#11-000051) may be ordered separately.				
	PARTS				
	UMA .050" Hex Titanium Screw, only				11-000052
	UMA, Short Bar Cylinder only, Red				11-000270

FOR INDIVIDUAL UMA PARTS & TOOLS—Refer to the UMA Section of this Manual.





TSI ABUTMENT

The TSI (Titanium Straight Insert) Abutment (tissue extension), like the UMA Abutment, is an intermediate component made to fit between the implant and the restoration. The **TSI Analog** replicates the TSI for the model. The **TSI Non-Hex 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.

For restorations the fit directly to the implant refer to the Direct **UCLA System** for the specific implant type.

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

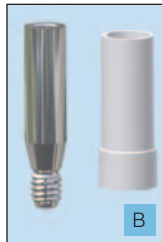
COMPONENTS TO FIT TSI ABUTMENT



TSI-1 Analog, Brass



TSI Analog, Stainless



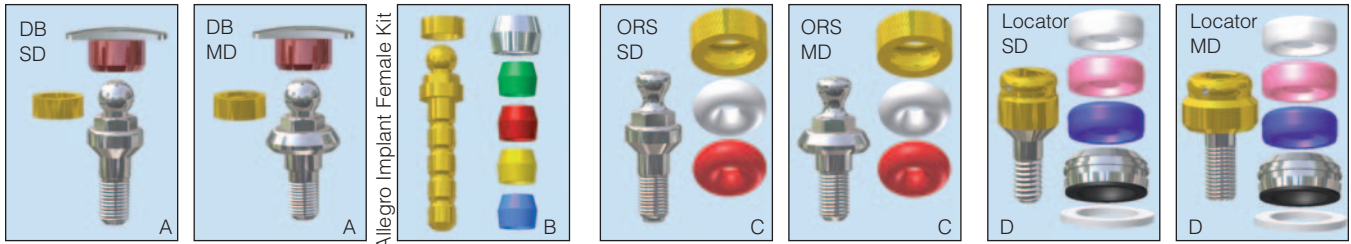
Cylinder & Screw
Non-Hex Cyl, Hex Screw

Description	Dimensions	Intended Use	For TSI 1	For TSI
Components—To Fit TSI Abutment / Tissue Extension				
A Analogs		Model Fabrication		
Analog to fit CV-TSI-1, Brass			49-100015	
Analog to fit CV-TSI, Stainless				49-000015
B CSP (Cylinder, Screw & Plug)		Crown & Bridge / Bar Restorations		
Non-Hex Cylinder & .050" Hex Screw to fit CV-TSI, White				49-000252
PARTS				
Cylinder Only to fit CV-TSI, Non-Hex Plastic, White				49-000250
.050" Titanium Hex Screw to fit CV-TSI-1 & CV-TSI			49-000052	49-000052
TOOLS				
Hex Driver .050"			11-000007	11-000007

OVERDENTURE STUD TYPE ATTACHMENTS

Three types of overdenture attachments are most commonly used to directly screw into the implant—the Dalla Bona, the ORS, (O-Ring system) and the Locator. Connectors are made of titanium. Dalla Bona male, ORS male and Locator female are sold separately by tissue height. The DB Female Kit

includes 1 adjustable female, 1 spacer and 1 brass analog. The ORS Female Kit includes 1 gold plated retainer ring, 3 white final & 3 red processing O-Rings and 1 brass analog. The Locator Male Complete includes 3 plastic color coded males, a metal housing with black processing male and spacer.



Allegro Implant Female Kit

Optional for DB

Locator WD not shown

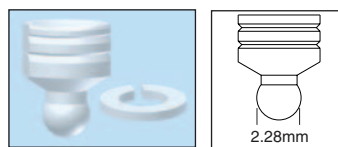
- SD** Small Diameter Implant CV 3.5, MV 3.25, SV 3.7 & 3.75, BV 3.5
- MD** Medium Diameter Implant CV 4.5, MV 4.25 & 4.7, SV 4.7, BV 4.5
- WD** Wide Diameter Implant Screw-Vent 5.7 (5.5 ø collar)



Description	Tissue Height	Order #	Order #	Order #
Dalla Bona System (A)				
Dalla Bona, male only	H= 1mm	49-343013	49-443013	—
Dalla Bona, male only	H= 2mm	49-343023	49-443023	—
Dalla Bona, male only	H= 3mm	49-343033	49-443033	—
Dalla Bona, male only	H= 4mm	49-343043	49-443043	—
Dalla Bona, male only	H= 5mm	49-343053	49-443053	—
Dalla Bona, male only	H= 6mm	49-343063	49-443063	—
Dalla Bona, male only	H= 7mm	49-343073	49-443073	—
Dalla Bona, Implant Ti Female Kit <i>includes Female, Spacer & Brass Analog</i>		40-430002	40-430002	—
Allegro, Implant Female Kit (option for Dalla Bona female) (B) <i>includes Metal Housing, 4 Females, Implant Spacer & Brass Analog</i>		40-730002	40-730002	—
ORS, O-Ring System (C)				
ORS, male only	H= 1mm	49-344013	49-444013	—
ORS, male only	H= 2mm	49-344023	49-444023	—
ORS, male only	H= 3mm	49-344033	49-444033	—
ORS, male only	H= 4mm	49-344043	49-444043	—
ORS, male only	H= 5mm	49-344053	49-444053	—
ORS, male only	H= 6mm	49-344063	49-444063	—
ORS, male only	H= 7mm	49-344073	49-444073	—
ORS, Implant Female Kit <i>includes Retainer Ring, Brass Analog & 3 red processing & 3 white final O-Rings (6)</i>		40-440002	40-440002	—
Locator System (D)				
Locator Implant Female only	H=0mm	63-008661	63-008671	—
Locator Implant Female only	H=1mm	63-008662	63-008672	63-008190
Locator Implant Female only	H=2mm	63-008663	63-008673	63-008191
Locator Implant Female only	H=3mm	63-008664	63-008674	63-008192
Locator Implant Female only	H=4mm	63-008665	63-008675	63-008193
Locator Implant Female only	H=5mm	63-008625	63-008627	63-008194
Locator Implant Female only	H=6mm	63-008626	63-008628	63-008195
Locator Male Complete (required with female)		63-008519	63-008519	63-008519
Locator Extended Range Replacement Male, 3 lbs retention, green (4)		63-008547	63-008547	63-008547
Locator Extended Range Replacement Male, 1.5 lbs retention, red (4)		63-008548	63-008548	63-008548
CVA Male Old Style		49-000013	49-000013	49-000013

PARTS & TOOLS

For Dalla Bona, Allegro, ORS & Locator Parts and Tools see next page.



CVA Male Old Style



Note: The Dalla Bona and ORS male ball diameter for all sizes is 2.25mm

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OVERDENTURE STUD TYPE ATTACHMENTS

Three types of overdenture attachments are most commonly used to directly screw into the implant—the Dalla Bona, the ORS, (O-Ring system) and the Locator. Connectors are made of titanium. Dalla Bona male, ORS male and Locator female are sold separately by tissue height. The DB Female Kit

includes 1 adjustable female, 1 spacer and 1 brass analog. The ORS Female Kit includes 1 retainer ring, 3 white final & 3 red processing O-Rings and 1 brass analog. The Locator Male Complete includes 3 plastic color coded nylon males, a metal housing with black processing male and spacer.

PARTS

Description	Dimensions	Order #
DALLA BONA FOR IMPLANTS		
Dalla Bona, Implant Female Kit : includes Female, Spacer & Brass Analog		40-430002
Dalla Bona, Resilient Female, Gold	FH=3.1mm	97-430282
Dalla Bona, Resilient Female, Titanium	FH=3.4mm	99-451012
Dalla Bona, Resilient Female, Plastic (4)	FH=3.5mm	99-430282
Dalla Bona Hex Analog, Brass (2)		40-430017
Dalla Bona Hex Spacer, Brass (2)		40-430016
PVC Ring (6), replacement ring for Dalla Bona female		97-430200
ORS FOR IMPLANTS		
ORS, Retainer Rings (6)	H=2.0mm ø=5.1mm	99-440044
ORS, Combo O-Rings: 6 blue, 6 red (processing), 6 wt, 6 blk	Outside ø=4.5mm Inside ø=1.4mm	99-443037
ORS, Implant Female Kit : includes Retainer Ring, Brass Analog and 3 red processing & 3 white final O-Rings		40-440002
O-Ring Hex Analog, Brass (2)		40-440017

LOCATOR FOR IMPLANTS

Locator Male Complete		63-008519
<i>Includes 1 metal housing with a black nylon processing male, spacer, 3 final nylon males: 1 clear 5 lbs, 1 pink 3 lbs & 1 blue 1.5 lbs retention</i>		
Locator Replacement Males Inserts, retention 5 lbs, clear (4)		63-008524
Locator Replacement Males Inserts, retention 3 lbs, pink (4)		63-008527
Locator Replacement Males Inserts, retention 1.5 lbs, blue (4)		63-008529
Locator Extended Range Replacement Male, 3 lbs retention, green (4)		63-008547
Locator Extended Range Replacement Male, 1.5 lbs retention, red (4)		63-008548
Locator Impression Male		63-008505
Locator Female Analog Standard 4mm		63-008530

Male Retention Sequence
Least to Most:
Blue - Pink - Clear

Extended Male Retention Sequence
Least to Most:
Red - Green

TOOLS

BIO-TORQ Wrenches, Socket & 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
BIO-TORQ Wrench 35 N/cm		59-100035
BIO-TORQ Socket		59-100190
BIO-TORQ Extension		59-100195
BIO-TORQ ORS / Dalla Bona Tip/Driver		59-100140
BIO-TORQ Locator Tip/Driver	59-100146 short	59-100147 long

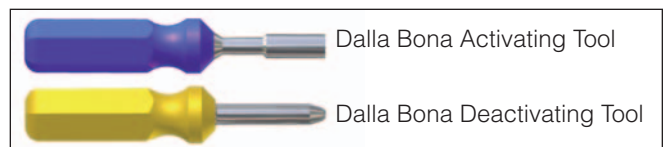
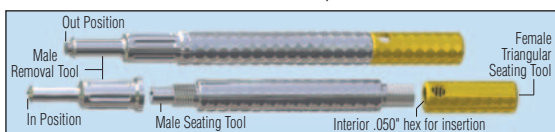
LT/RA DRIVER

LT/RA RA Hand Driver		58-100000
LT/RA RA Handle / Socket		58-100190
LT/RA ORS / Dalla Bona Tip		58-100140
LT/RA Locator Tip/Driver	58-100146 short	58-100147 long
Dalla Bona Activating Tool, Blue		99-451017
Dalla Bona Deactivating Tool, Yellow		99-451018
Locator Core Insertion/Removal Tool		63-008393
Locator Male Removal Tool only		63-008397
Locator Parallel Posts (4)		63-008517

ALLEGRO (for replacement parts see Allegro OD section page 99)

Allegro OD/DE Micro/Regular Insertion Tool		73-410162
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Locator Core Insertion/Removal Tool



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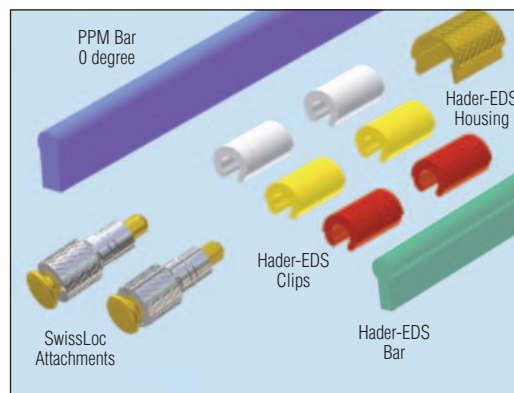
IDEAL BAR RESTORATIONS

There are numerous options for implant bar restorations available today. To simplify your search, we have selected the most proven and popular systems on this page. For a complete listing of all bar system components, refer to the Bar and Clip Quick Reference Charts.

Most implant bar restorations involve from 2 to 5 implants. The ideal implant bar system incorporates a bar and retentive clips in the anterior section and locking pin attachments distally for support and stability.

The Hader-EDS Bar Master kit is the preferred choice. The CM Gold Clips may be used as an alternative. The locking SwissLoc NG is the preferred distal attachment to prevent lift-off and still provide resiliency. The Lew is a viable alternative.

For Laser Welding Technique, use only titanium bars and posts.



■ **Recommended parts needed for a successful bar restoration:**

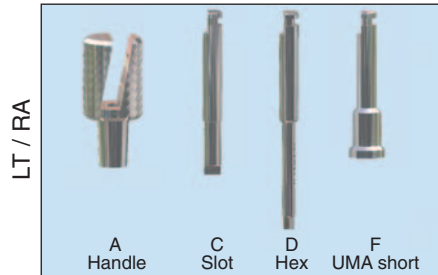
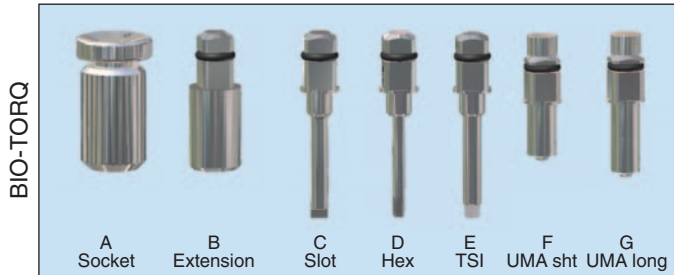
Description	Order #
<p>■ HADER-EDS BAR MASTER KIT Master Kit includes 6 yellow plastic clips, 6 metal housings, 2 seating tools and 2 short plastic bars (50mm) TOOLS: Hader-EDS Bar Analog 50mm, aluminum (1) Hader-EDS Fabricating Rider / Clip (6) Green Hader-EDS Impression Clip (6) Blue</p>	99-531005
<p>CM HADER-EDS BAR KIT CM Kit includes 6 CM gold riders (clips) with spacers and 2 short plastic Hader-EDS bars (50mm) TOOLS: CM Adjusting Tool (can be used with all metal riders / sleeves) CM Bar Analog 50mm (aka Hader-EDS Bar Analog), aluminum</p>	99-532000
<p>PARTS Hader-EDS Combo Clips (18) 6 white, 6 yellow, 6 red and 1 seating instrument Hader-EDS Bar, short plastic (6) Green Hader-EDS Metal Housings (6) Gold</p>	99-531009 99-531030 99-531060
<p>SWISSLOC NG ATTACHMENT SwissLoc NG 4.0 mm *L=4.5mm Housingø=3.4mm Plungerø=1.5mm X SwissLoc NG 6.0 mm *L=6.8mm Housingø=3.4mm Plungerø=1.5mm X ■ SwissLoc NG 7.5 mm *L=8.0mm Housingø=3.4mm Plungerø=1.5mm X *Note: SwissLoc NG 7.5 can be reduced to 4mm. Length is measured in closed position from head of plunger to end of housing. TOOLS: ■ SwissLoc NG Screwdriver SwissLoc NG Processing Jigs (2) ■ SwissLoc NG 1.5mm Drill (1)</p>	89-600040 89-600060 89-600075 89-600010 89-600015 74-600615
<p>LEW ATTACHMENT Lew Attachment 7.5mm TOOLS: Lew Processing Jigs (2) Lew 1.5mm Drill / Reamer (1)</p>	72-000075 72-000150 74-600615
<p>PPM PLASTIC BAR PATTERNS (50mm) ■ PPM Bar 0 degree (3 short 3.7mm, 3 tall 8.0mm), blue PPM Bar 2 degree (3 short 3.7mm, 3 tall 8.0mm), red PPM Bar 4 degree (3 short 3.7mm, 3 tall 8.0mm), yellow TOOLS: ■ PPM Bar Mandrel 0 degree (for plastic or titanium bar) PPM Bar Mandrel 2 degree (for plastic or titanium bar) PPM Bar Mandrel 4 degree</p>	99-560000 99-562000 99-564000 99-560001 99-562001 99-564001
<p>TITANIUM BARS FOR LASER WELDING (50mm) Hader-EDS Titanium Bar, short 4.0mm height PPM Titanium Bar, 0 degree 6.4mm height PPM Titanium Bar, 2 degree 6.4mm height</p>	99-531035 99-560010 99-560020



INSERTION DRIVERS

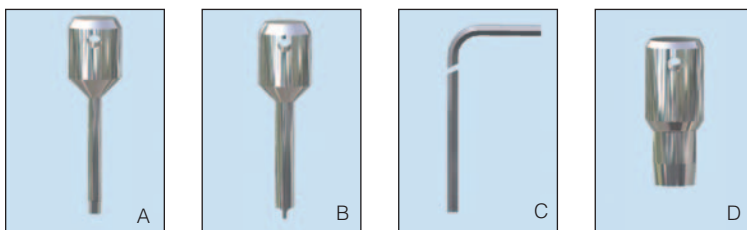
The BIO-TORQ (B-T) and LT/RA (latch type) Systems were designed to facilitate the insertion of implant components. The BIO-TORQ Zimmer (SV) compatible insertion tips may

be utilized with the BIO-TORQ hand held socket or the BIO-TORQ wrenches. The LT/RA (latch type) tips are used with right angle handpiece type drivers.



Description	BIO-TORQ Order #	LT/RA Driver Order #
Hand Held Socket / Handle (A)	59-100190	58-100190
BIO-TORQ Extension (B)	59-100195	N/A
Slot Type Tip Short	59-100110	58-100110
Slot Type Tip Long (C)	59-100115	58-100115
.050" Hex Tip Short	59-100120	58-100120
.050" Hex Tip .Long (D)	59-100125	58-100125
ORS/DB Hex Tip	59-100140	58-100140
Locator Tip, short	59-100146	58-100146
Locator Tip, long	59-100147	58-100147
TSI-1.77mm Tip (E)	59-100185	N/A
UMA Tip Short (F)	59-100150	58-100150
UMA Tip Long (G)	59-100155	N/A

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



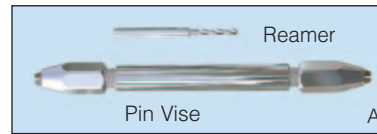
Description	Order #
Standard Drivers and FG Drivers	
DDS .050" Hex Driver (A)	11-000007
DDS Slot Screwdriver (B)	11-000005
Lab .050" Hex Driver (C)	11-000006
Friction Grip Driver (D)	11-000004
BIO-TORQ Wrenches & LT / RA Driver	
BIO-TORQ Wrench 10 N/cm	59-100010
BIO-TORQ Wrench 20 N/cm	59-100020
BIO-TORQ Wrench 30 N/cm	59-100030
BIO-TORQ Wrench 35 N/cm	59-100035
LT / RA Driver	58-100000



Note: For Slot Screws do not exceed 10 N/cm of torque.
Note: For complete line of BIO-TORQ and LT/RA drivers see back of Manual.

REAMERS

The carbide reamers are used to refine the internal access hole of a castable cylinder. They also refine the seat for the head of the screw. Each carbide reamer and Pin Vise are sold separately. The UMA reamer fits all UMA and CV-UCLA abutments. The Pin Vise will fit all the carbide reamers. (A)



- 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, UMA Abutment Carbide .0880" (also fits IMZ & Paragon UCLA Cylinders)
Pin Vise for Carbide Reamers .002 - .130"

Order #	Order #
11-000150	11-000150
40-000150	40-000150

LAPPING TOOLS

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. (B)



- 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)

Order #	Order #
49-000155	49-000155

