

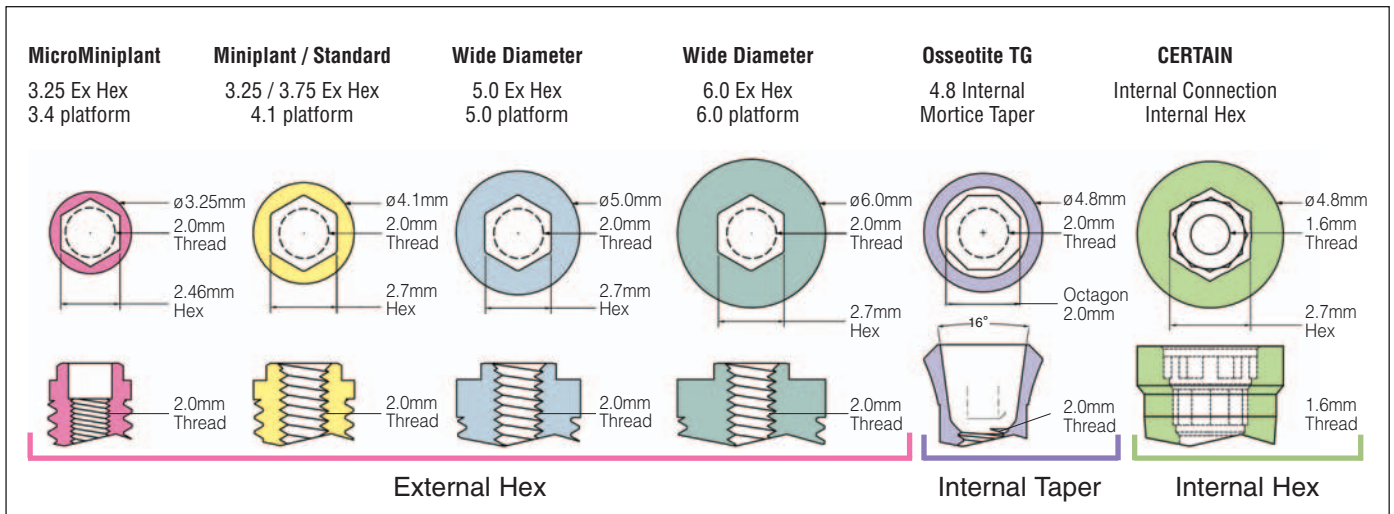
3i was founded in 1987 by Dr. Lazarra and Keith Beatty in West Palm Beach, Florida as an aftermarket supplier of implant components. Now located in Palm Beach Gardens, 3i has evolved into a major manufacturer of implants as well as restorative components and surgical instrumentation and is now a subsidiary of Biomet of Germany.

3i offers the **Osseotite[®] Implant**, an externally hexed implant with five different diameters (four different platforms). Also offered are the **Osseotite TG**, a one-stage internal mortice tapered implant with components similar to the Straumann ITI[®] implant, and the new **Osseotite CERTAIN[®]** implant with an internal hex connection. A unique self-tapping feature is available on many of their implants.

- **3i Osseotite MicroMiniplant 3.25/3.3 - 3.4 platform, external hex**
- **3i Osseotite Miniplant 3.25/3.3 and Standard 3.75 / 4.0 - 4.1 platform, external hex**
- **3i Osseotite Wide Diameter 5.0 & 6.0 - 5.0 or 6.0 platform, external hex**
- **3i Osseotite TG, internal mortice taper**
- **3i Osseotite CERTAIN, internal hex connection**

Components for the Miniplant[®] 3.25 and the Standard 3.75 are compatible with the Branemark Regular Platform and can be found in the Branemark section of the manual. Compatible components made by Attachments International for the **Osseotite Wide Diameter 5.0** can be found in this 3i section. Components for **MicroMiniplant[®] 3.25**, **Osseotite Wide Diameter 6.0**, **Osseotite TG** and **Osseotite CERTAIN** are not currently listed in the manual.

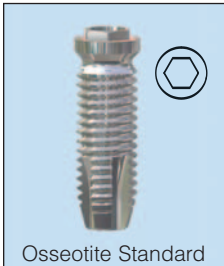
Osseotite Implants	Restoratively Compatible To
■ 3i MicroMiniplant[®] 3.25 external hex 3.4 platform	none
■ 3i Miniplant[®] 3.25 external hex 4.1 platform <i>Refer to Branemark section for compatible components.</i>	Branemark [®] , Regular Platform 4.1 IMZ [®] Hex Head 3.3 & 4.0 Innova Entegra [®] 3.25 & 4.0 Steri-Oss [®] Hex-Loc 3.8 & 4.5 Restore [®] RD & Sustain [®] RD Taper-Lock [®]
■ 3i Standard 3.75 external hex 4.1 platform	Same as 3i Miniplant 3.25 above
■ 3i Wide Diameter 5.0 external hex 5.0 platform	none
■ 3i Wide Diameter 6.0 external hex 6.0 platform	none
■ 3i Osseotite TG internal mortice taper	ITI [®] Standard 4.8 mortice taper
■ 3i Osseotite CERTAIN internal hex connection	none



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).



Osseotite Standard

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.



Conical Abutment

Tissue Extension:

The TE (Tissue Extension), also referred to as the Conical 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.

Compatibility:

Osseotite Implants

■ **3i MicroMiniplant** 3.25 external hex 3.4 platform

■ **3i Miniplant** 3.25 external hex 4.1 platform

*Refer to NOBEL **Branemark** section for compatible components.*

■ **3i Standard** 3.75 external hex 4.1 platform

■ **3i Wide Diameter** 5.0 external hex 5.0 platform

■ **3i Wide Diameter** 6.0 external hex 6.0 platform

■ **3i Osseotite TG** internal mortice taper

■ **3i Osseotite CERTAIN** internal hex connection

Restoratively Compatible To

none

Branemark, Reg Platform 4.1
IMZ Hex Head 3.3 & 4.0
Innova Entegra 3.25 & 4.0
Steri-Oss Hex-Loc 3.8 & 4.5
Taper-Lock

Same as 3i Miniplant 3.25

none

none

ITI Standard 4.8 mortice taper

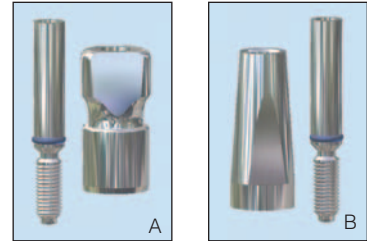
none

IMPRESSION COPING & DIRECT TITANIUM POST

Impression copings are used to take an impression of the implant body. The direct hex titanium abutment post engages the 3i 5.0 external hex implant.

Description

Hex Impression Coping w/ .050" Hex Guide Pin, 2 pc **To Fit 3i 5.0 Implant (A)** 51-500090
 Direct Hex Titanium Post w/ .050" Hex Guide Pin, 2 pc **To Fit 3i 5.0 Implant (B)** 51-501320

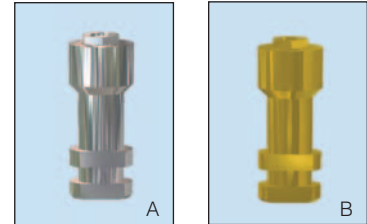



ANALOGS—to fit Osseotite 5.0 Implant External Hex

The stainless steel analogs replicate the Osseotite 5.0 external hex implant and are used to fabricate a master model. The copper analog is used primarily for EDM (Electro Discharge Machine) aka Spark Erosion.

Description

Analog to fit 3i 5.0 External Hex Implant, Stainless **(A)** 51-500015
 Analog to fit 3i 5.0 External Hex Implant, Copper for EDM (Spark Erosion) **(B)** 71-500015

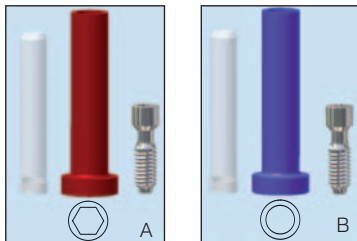


 **Note:** The Copper Analog is actually 5.5mm diameter to facilitate EDM process.

UCLA CYLINDER, SCREW & PLUG (CSP) to fit 3i 5.0 External Hex

The UCLA abutment system is the most widely used restorative concept for 3i type restorations. The restorative possibilities include single tooth, bridge, telescopic, and bar type overdenture restorations. Each UCLA abutment includes the

castable plastic cylinder, the hex titanium .050" screw, and the patented occlusal plug (CSP-cylinder, screw & plug). The .048" titanium screw or the .050" gold square screw may be purchased separately as well as the hex or non-hex cylinders.



- SP** Small Diameter 3i Mini 3.25/3.3 - 4.1 Platform - Branemark Compatible Implant
- RP** Medium Diameter Standard 3.75/4.0 - 4.1 Platform - Branemark Compatible Implant
- WP** Wide Diameter 3i 5.0 - 5.0 Platform Implant



Description

Cylinder, Screw & Plug (CSP)

CSP—Hex Cylinder (red) & Hex Screw .050" & Plug **To Fit 3i 5.0 External Hex (A)**
 CSP—Non-Hex Cylinder (blue) & Hex Screw .050" & Plug **To Fit 3i 5.0 External Hex (B)**

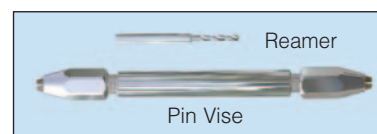
PARTS to fit 3i 5.0 External Hex

- Hex Cylinder only, red
- Non-Hex Cylinder only, blue
- Hex .050" Ti Screw only
- Hex .048" Ti Screw only
- Square .05" Ti Screw only
- Square .05" Gold Screw only

TOOLS

- Hex .050" Lab Driver
- Hex DDS Driver 12mm, long
- Reamer, UCLA Micro Carbide (requires Pin Vise 40-000150)
- Pin Vise for Carbide Reamers .002 - .130"
- UCLA, Lapping Tool & Guide Pin

Order #	Order #	Order #
For 3i Mini 3.25/3.3mm & 3i Standard 3.75/4.0mm restorative components, refer to the Branemark Regular Platform section of this manual.	51-500202	51-500252
	51-500200	51-500250
	44-000052	44-000054
	44-000053	44-000056

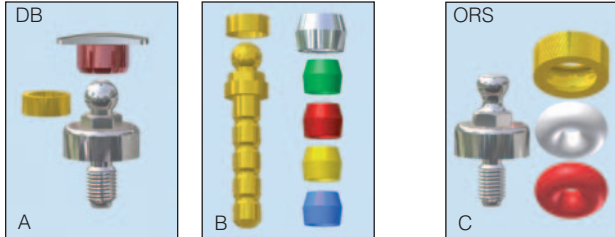


- 11-000006
- 11-000007
- 44-000150
- 40-000150
- 44-000155

OVERDENTURE STUD TYPE ATTACHMENTS

Two types of overdenture attachments are most commonly used to directly screw into the implant—the Dalla Bona and the ORS, (O-Ring system). Connectors are made of titanium. The Dalla Bona male and the ORS male 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.




Allegro Implant Female Kit
Alternative for DB

Description	Tissue Height	Order #
Dalla Bona System for 3i 5.0 (A)		
Dalla Bona, male only	H=1mm	51-543013
Dalla Bona, male only	H=2mm	51-543023
Dalla Bona, male only	H=3mm	51-543033
Dalla Bona, male only	H=4mm	51-543043
Dalla Bona, male only	H=5mm	51-543053
Dalla Bona, male only	H=6mm	51-543063
Dalla Bona, male only	H=7mm	51-543073
■ Dalla Bona, Implant Ti Female Kit , includes Female, Spacer & Analog		40-430002
■ Allegro, Implant Female Kit (alternative for Dalla Bona female) (B) <i>includes Metal Housing, 4 Females, Implant Spacer & Brass Analog</i>		40-730002
ORS, O-Ring System for 3i 5.0 (C)		
ORS, male only	H=1mm	51-544013
ORS, male only	H=2mm	51-544023
ORS, male only	H=3mm	51-544033
ORS, male only	H=4mm	51-544043
ORS, male only	H=5mm	51-544053
ORS, male only	H=6mm	51-544063
ORS, male only	H=7mm	51-544073
■ ORS, Implant Female Kit , includes Retainer Ring, Analog & O-Rings (6)		40-440002

PARTS & TOOLS

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

 **Note:** The Dalla Bona male ball diameter for all sizes is 4.5mm
Recommended torque for overdenture attachments is 30 N/cm.

For 3i Mini 3.25/3.3mm & 3i Standard 3.75/4.0mm
restorative components, refer to the
Branemark Regular Platform section of this manual.
Components for MicroMini and Wide Platform 6.0 are not available at this time.
For Osseotite TG refer to ITI section.

OVERDENTURE STUD TYPE ATTACHMENTS

Two types of overdenture attachments are most commonly used to directly screw into the implant—the Dalla Bona and the ORS, (O-Ring system). Connectors are made of titanium. The Dalla Bona male and the ORS male 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.

PARTS

Description	Dimensions	Order #
DALLA BONA FOR IMPLANTS		
■ Dalla Bona, Implant Female Kit : includes Ti Female, Spacer & Brass Analog	FH=3.4mm	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 (24): 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

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 Hand Held Socket	59-100190
BIO-TORQ Extension	59-100195
BIO-TORQ ORS / Dalla Bona Tip/Driver	59-100140

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
Dalla Bona Activating Tool, Blue	99-451017
Dalla Bona Deactivating Tool, Yellow	99-451018

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

Allegro OD/DE Micro/Regular Insertion Tool	73-410162
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Note: The Dalla Bona male ball diameter for all sizes is 4.5mm
Recommended torque for overdenture attachments is 30 N/cm.

