



CADD CUSTOM ABUTMENTS - DIGITALLY MILLED FOR PATIENT SPECIFIC FIT

CADD Laboratories team of skilled and certified technicians have years of experience in the design and fabrication of implant abutments and bars - even provide the final crown in Zirconia or SLM, if you wish.

CADD Custom Abutments create an ideal emergence profile with margins below the gingival for superior gingival health and beautiful final ceramic results.

CADD Custom Abutments are available in Zirconia with Titanium Base, plain Titanium, or screw retained to fit the individual needs of the patients.

A custom abutment from CADD Laboratories paired with dentist choice of implant, creates the ideal natural tooth replacement.

CALL TODAY
(661) 402-2804



CADD CUSTOM ABUTMENTS - Zirconia-Hybrid with Titanium / Titanium



IMPLANT ABUTMENT COMPATIBILITY CHART					
IMPLANT BRAND	PLATFORM	TI	ZR	HY	TORQUE (N-CM)
Astra Tech OsseoSpeed®	Osso Speed 3.5/4.0	✓		✓	25
	Osso Speed 4.5/5.0	✓		✓	25
BioHorizons Internal®	Internal 3.5	✓		✓	30
	Internal 4.5	✓		✓	30
	Internal 5.7	✓		✓	30
Biomet 3i Certain®	Certain 3.4	✓		✓	20
	Certain 4.1	✓		✓	20
	Certain 5.0	✓		✓	20
Biomet 3i OSSEOTITE®	External 3.4	✓		✓	3.2-3.5
	External 4.1	✓		✓	3.2-3.5
	External 5.0	✓		✓	3.2-3.5
Dentsply Friadent XiVE®	Frialit 3.4	✓		✓	24
	Frialit 3.8	✓		✓	24
	Frialit 4.5	✓		✓	24
	Frialit 5.5	✓		✓	24
Nobel Branemark®	Branemark 3.5 NP	✓			35
	Branemark 4.1 RP	✓			35
	Branemark 5.1 WP	✓			35

IMPLANT ABUTMENT COMPATIBILITY CHART					
IMPLANT BRAND	PLATFORM	TI	ZR	HY	TORQUE (N-CM)
Nobel Replace Select®	Replace 3.5 NP	✓		✓	35
	Replace 4.3 RP	✓		✓	35
	Replace 5.0 WP	✓		✓	35
	Replace 6.0	✓		✓	35
Nobel Active™	Active 3.5 NP	✓		✓	35
	Active 4.3/5.0 RP	✓		✓	35
Straumann Bone Level®	Bone level NC (Ø3.3)	✓		✓	35
	Bone level RC (Ø4.1/Ø4.8)	✓		✓	35
Straumann SynOcta®	ITI 3.5 NN	✓		✓	35
	ITI 4.8 RN	✓		✓	35
	ITI 6.5 WN	✓		✓	35
Zimmer®	Tapered Screw-vent 3.5	✓		✓	30
	Tapered Screw-vent 4.5	✓		✓	30
	Tapered Screw-vent 5.7	✓		✓	30

✓ = Available

For 1-piece abutments, either brand screws or CADD screws may be used. Implant brand screws are not provided by CADD Laboratories. All registered marks are owned by the respective manufacturers and are not the property of CADD Laboratories. Screw retained hybrid full zirconia crowns with titanium abutments can be manufactured with retention features and can also be gold shaded if desired.



CADD CUSTOM ABUTMENTS - Compatibility Chart

Astra Tech OsseoSpeed®	Biomet 3I Certain®	Biomet 3I OSSEOTITE®
BioHorizon® Internal	Dentsply Friadent XIVE®	Nobel Active™
Nobel Branemark®	Nobel Replace Select®	Strauman Bone Level®
Strauman SynOcta®	Zimmer Tapered Screw-Vent®	

Instructions for Use

- All ceramic work on hybrid must be completed prior to cementing to the Ti-Base.
- If necessary, sandblast the exterior of the Ti-Base and the receiving ceramic, for better bonding. **Do not sandblast the interface**

Zirconia-Hybrid and Cementation Instructions

General Instructions:

- Follow manufacturer instructions for cementation.
- Sandblast the exterior of the Ti inserts and the receiving area of the zirconia with 50 micron aluminum oxide, 40 to 60 psi. **(To avoid sandblasting the interface, screw the Ti bases to the analog.)**
- Block out the screw access hole with utility wax.

For Zirconia tops

- Apply a liberal coat of primer to the insert and zirconia receiving area with a brush
- Allow to dry for a minute and then fully dry with air
- Syringe a couple of beads of the resin cement circumferentially around each titanium insert
- Light cure each screw access hole, buccal and lingual for 3 seconds at each location
- Use an explorer to remove excess resin
- Finish light curing all units, examine under microscope for excess cement

Compatible Cement options

- Panavia® F2.0 (Kuraray) with RelyXUnicem® (3M ESPE)
- Ivoclar metal/Zr primer with 3M ESPE RelyUNicem2
- GC metal primer and RelyX

Polishing Hybrid Abutments

After hardening the remaining cement shall be removed with rotating silicon instruments. The cement inside the screw channel has to be carefully removed. Full Ti abutment can be polished with traditional polishing tools as needed

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