



LOCK-ATTACH

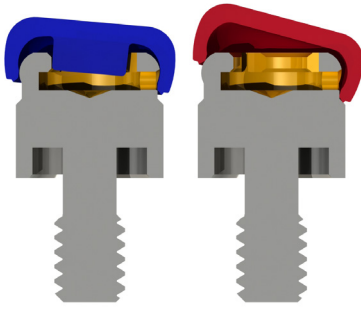
Our **Lock-Attack** implant abutment is a very extended and successful system to fasten removable dental prosthesis, either overdentures or partial dentures, supported by natural tissues and retained by dental implants placed in the jaw/ maxilla bone. The attachments are designed to work on implant level or to be used on bars and they provide significant stability and retention for implant overdentures, facilitating their placement and removal. Definitely, patients can enjoy an enhanced quality of life, welfare and overall a great satisfaction with their implant therapies.



HIGHLIGHTS

- Viable alternative to implant-retained overdentures.
- Greater surface retention than other attachment systems for removable dental prosthesis.
- Outstanding durability, avoiding the inconvenience to patients from excessive ulterior dentistry monitoring.
- Low coefficient of friction which increases the durability of the retentions inserts.
- Higher resistance against abrasive wear: up to 2,400 HV (hardness vickers).
- A lowest vertical profile than other abutments available ease the seating of the overdenture in the oral cavity and helps the self-locating even in divergent implants. Also, according to investigations, the locator's low profile may reduce stress induced on the implant body and supporting structures.
- Easy to insert and remove by patients due to its self-aligning design and the customizable levels of retention.
- The pivoting insert assembly provides up to 40° angle correction between two implants at the same time that allows a firm grip for seating. This results in a ensured stability, a comfortable chewing activity for patients and high degree of confidence in the secure fit of their overdenture.
- Pivoting designed nylon retention inserts improve the resilience and tolerance of the attachment for the occlusal forces and mastication stress.
- The TiN (Titanium nitride) coating works as a barrier which blocks the ion leaching and facilitates the fitting of the retention cap insert on the Lock-Attach abutment.
- Good clinical results when evaluating the peri-implant hygiene, as the TiN coating prevents stagnant debris and bacteria from adhering to the teeth surfaces and under the gums edge.
- Great aesthetics and functional advantages. Flawless aesthetics outcomes due to its golden color, even in those restorations made in the anterior teeth and where a natural appearance is mandatory.
- Successfully overcome Biocompatibility test, FDA, cytotoxicity test, irritation and sensitization tests.
- Cost reduction for practitioners. Greater patient satisfaction.
- Fully compatible with the Locator® Abutment.





TESTS & CERTIFICATIONS

- ISO13485:2016
- CE-mark
- Certified product "Titanium Nitride" FDA (Food and Drug Administration)
- Cytotoxicity: MEM elution, 72 hours (according to FDA 21 CFR Part 58)
- Sensitization: Maximization, Magnusson-Kigman Method (according to ISO 10993)
- Irritation: Intracutaneous reactivity (according to ISO 10993)



DATASHEET

MATERIALS

- **Abutment**
Titanium Gr 5 (DIN TIAL6V4-ELI)
- **Coating**
Material | TiN (Titanium nitride)
Microhardness* | (HV .05) 2,400HV
Dry Coefficient of friction against steel | 0.4
Coating color | Golden yellow

CUFF HEIGHT

- Multiple heights ranging from 1mm to 6mm.

SYSTEMS

Branemark, Multiunit, Replace Select, Nobel Active, Zimmer, Straumann Tissue Level, Straumann Bone Level, Astra Acqua, Astra Lilac, Biomet 3iCertain, BTI Interna, Sweden&Martina (Premium Kohno), MIS Seven, KlocknerSK2.

LEVELS OF RETENTION

- Blue 1,5lbs. Pink 3lbs. White 5lbs.
- Extended Male=Red 1,5lbs.

PLATFORMS

- Available for NP, RP, WP and MULTIunit. Also Lock-Attach bar attachment.

DIVERGENCES

- Standard and extended range male angle corrections between divergent implants from 10° to 40°.

All trademarks and brand names mentioned in association with these products belong to the respective owners.