

Morse Taper | Solid Hybrid Implants

 Morse Sealing. Esthetics.



Modern Morse Taper



- **Easy, Safe and Simplified installation (!)**
 - . Special Conical Drills have the same geometry of Hybrid Implants
 - . Only 2-3 Conical Drills to install Ø3.75 Hybrid Implants
 - . Does not require pilot drill, counter sink or screw tap



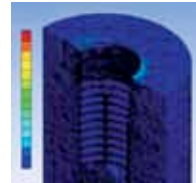
- **High Primary Stability, Balanced**
 - . Hybrid Macro Geometry
 - . Conical Apex | Parallel Body | Slightly Conical Coronal Flange
 - . Trapezoidal cutting threads | Torque Balance

- **Short Implants from 6 mm**
 - . Ø3.75 and 4.8
 - . Apex with 3 cutting areas
 - . Recommended for partial prosthesis



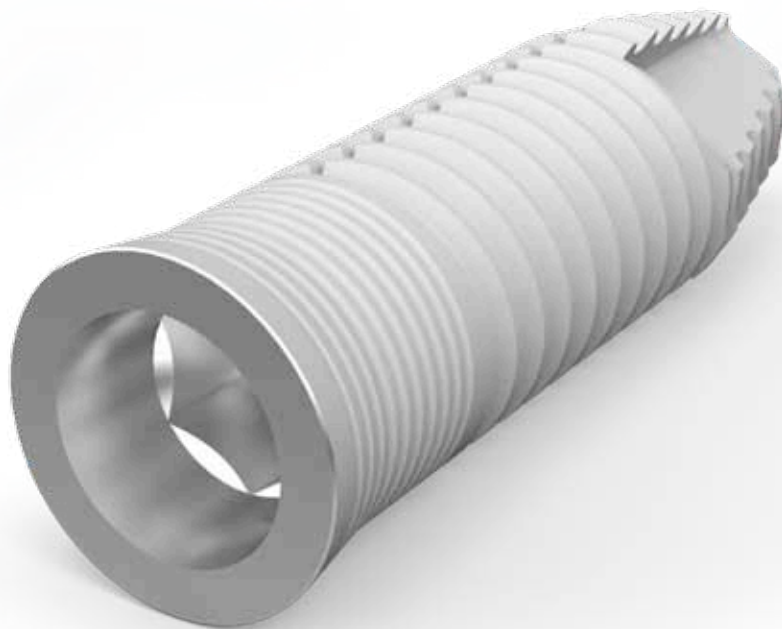
- **Cortical Preservation Potential**

- . Presence of Micro Threads up to platform flange
- . Better stress distribution to cortical bone
- . Higher coronal strength



- **Maximum Bone Contact**

- . Combination of Hybrid Implants and Conical Drills
- . Self Tapping
- . 2 thread entrances
- . Conical Solid apex | 3 cutting areas

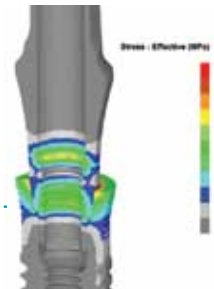


Modern Morse Taper



- **Microbiological and Mechanical Sealing**

- . Absence of leakage
- . No micromovement
- . Internal conical Interface with effective Morse seating of Components at installation
- . Very stable and strong Interface

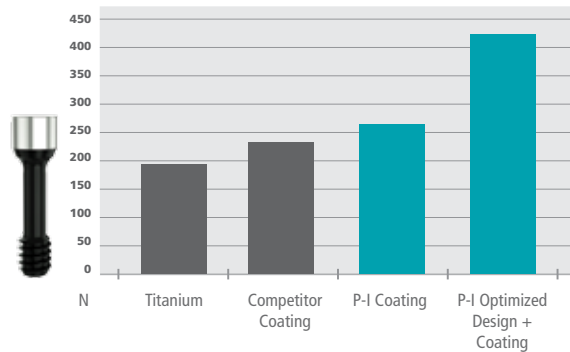


- **Superior Esthetic Results**

- . Platform Switching and Micro Threads in all diameters
- . Concave Emergence Components designed to enhance esthetics
- . Increased Biological width
- . Better hypothesis for cortical bone preservation and soft tissue maintenance

- **Higher preload**

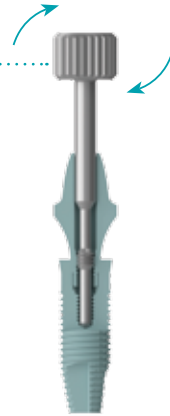
- . Low friction biocompatible carbon coating
- . Special design Screw trough guarantees complete seating of Components at installation
- . Same Screw for all Components*





- **Prosthetic Reversibility**.....

- . Abutment Retriever cancels effective Morse sealing without transmission of stresses to tissues
- . Hexagonal indexation



- **Full Multi Platform**

- . Use of any Component on any Implant Platform and diameter, including short and wide Implants

- **Bone Level Flexibility**

- . Installation at bone level or 0.5 – 1.5 mm below bone level
- . Possibility of further submersion*
- . Conical Interface (8.5° + 8.5°)

- **Mountless Installation**.....

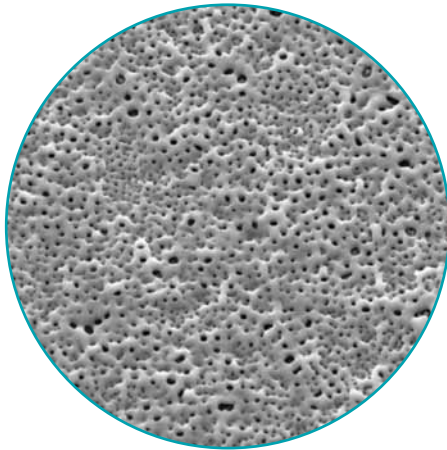
- . Insertion Drivers with esthetic and dimensional references
- . Same Driver for manual, handpiece and wrench installation
- . One Driver for all Implant diameters



* Please verify available prosthetic Components and consider clinical case anatomic limitations and requirements prior to Implant installation.

Surfaces

P-I surfaces are modern and exhibit abundant Osseointegration properties



Widely Documented

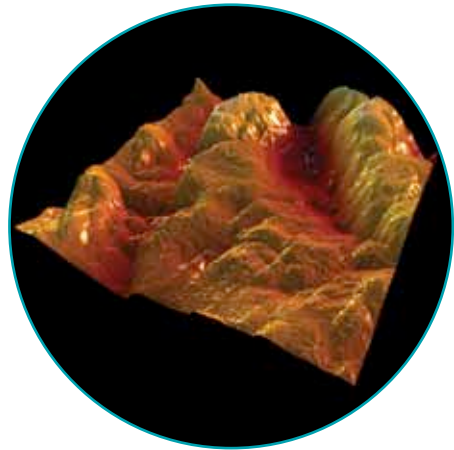
- Developed in the Department of Biomaterials – University of Gothenburg - Sweden and documented in many studies by some of the most important scientists in the field of implant surfaces.

Evolution of a Modern Surface

- A patented evolution of TiUnite® featuring significantly lower micro roughness, the Ospol® Surface is oxidized and incorporates Calcium Ions (Ca^{+2}) and presents similar results when compared to moderately rough surfaces.

Better Long Term Perspective

- Ospol® Surface represents a better hypothesis of improving long term success and longevity of Implants being less prone to biofilm adhesion (Periimplantitis), in clinical use since 2004.



Advanced Technology

- The Micro+Nano Surface is exclusively obtained by subtraction methods, controlled microblasting and Ions bombardment technology.

Minimally Rough and Nano Structured

- Exhibiting complex minimally rough micro structures and high density of nano features, designed for efficiency during healing periods, especially early ones, the Micro+Nano Surface is documented in international studies by worldwide experts in the Osseointegration field.

New Bone Areas

- A complete solution to address a wide range of clinical cases, the Micro+Nano Surface showed slightly increased bone areas in the 3 week period when compared to Ospol® Surface.

	Single* Multiple Screw Retained	Single Multiple Cemented Retained	Single Multiple Screw or Cemented Retained	CAD/CAM**	Overdenture
Cylinder Scan Body					
Healing Cap					
Abutment					
Healing					
Implant					

* Morse Taper Straight Conical Abutments can be used for single prosthesis. Please select engaging Components.

** Please refer to the CAD/CAM Solutions including 

Prosthetic Solutions

