

A NEW MINDSET
NEODENT[®] CERAMIC IMPLANT SYSTEM



Ceramic
Implant System

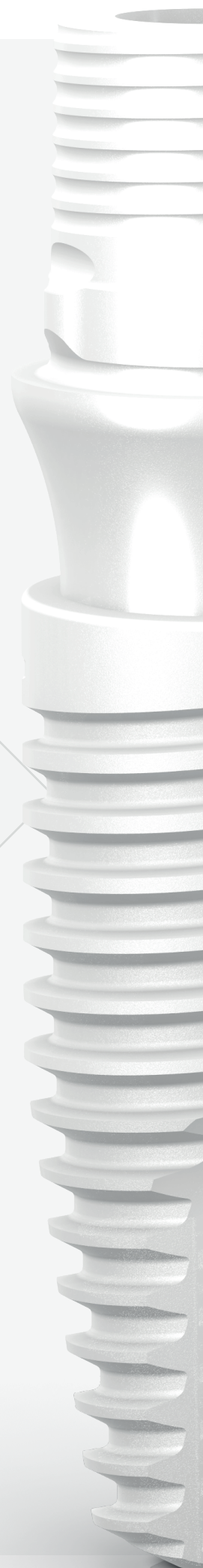


ZiLock[™]
Connection



Ceramic Implant System

Increasing expectations for esthetic treatments, the Neodent® Ceramic Implant System combines the notions of flexibility, stability, and esthetics. The two-piece system with a Ceramic implant and Ceramic abutment solution retained with a titanium alloy screw, allows an immediate loading protocol when good primary stability is achieved along with physiological occlusal loading, thanks to the modern naturally tapered Ceramic implant design. The system features a comprehensive Ceramic prosthetic portfolio to maximize stability and predictability in immediate treatments.





A new **mindset**



A new flexibility mindset



A new stability mindset



A new esthetic mindset



A new **flexibility** mindset

Looking to treat several demanding treatments, the Ceramic Implant System delivers the flexibility of a 2-pieces connection combined with a strong screw-retained ceramic implant and ceramic abutment connection.



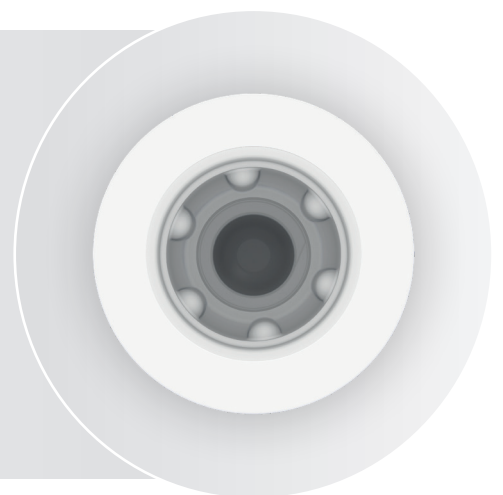


RELIABLE AND STRONG CERAMIC SYSTEM

The unique patent pending ZiLock™ connection is designed with a longer screw which provides a secure engagement between the ceramic implant and the ceramic abutment. Additionally, it improves the ceramic performance by optimizing the force distribution along the internal connection.

FRIENDLY ZILOCK™ CONNECTION

ZiLock™ is a ceramic straight internal connection with 6 lobes and 6 points. This indexation is designed for precise abutment positioning and protection against rotation. The outcome is a user-friendly system that provides higher treatment flexibility when compared to one-piece implants.





A new **stability** mindset

Aiming to achieve stable immediate protocols, Zi combines a naturally tapered implant design and implant treated surface. Both designed to maximize stability and predictability in immediate treatments.



Double trapezoidal thread design.



Apically tapered with chamber flutes.

TAPERED DESIGN FOR PRIMARY STABILITY

The Ceramic Implant System exhibits a modern tapered implant geometry designed for predictable immediacy in all bone types. This feature was designed to mimic the tapered shape of a natural tooth root, driving to achieve high primary stability.



Representative image of the implant surface - Scanning Electron Microscope (SEM) magnification of 5000x.

PREDICTABILITY WITH SAND-BLASTED AND ACID-ETCHED SURFACE

Zi features the sand-blasted and acid-etched surface treatment, presenting macro and micro roughness based on the highly successful Neoporos® treatment surface.



A new **esthetic mindset**

Zi offers a comprehensive portfolio to achieve an outstanding esthetic performance with a natural esthetic result using the Ceramic material.





OUTSTANDING ESTHETIC PERFORMANCE

Aiming to achieve superior esthetic results, Neodent Ceramic Implant System seeks to offer outstanding natural performance, featuring a superior ceramic material, that supports a natural outcome of reconstruction due to its color that mimics natural teeth, and benefit from a high translucency compared to metals.

A PORTFOLIO TO ACHIEVE NATURAL-LOOKING ESTHETIC RESULTS

Ceramic prosthetic portfolio allows for immediate protocol. In addition, preferable workflow can be applied, providing a natural-looking restoration.



Zi Base

Designed in ceramic to be installed between the dental implant and the prosthesis. Compatible with digital or conventional workflow.



Healing Abutment

Designed in Ceramic with a consistent emergence profile matching the outer shape of the Zi Base.



Hybrid Repositionable Analog

Features a design compatible with digital or conventional workflow.



Digital Workflow*

The Scanbody allows access to the digital restorative workflow for implant level. This solution is compatible with leading CAD software platforms in the market.


*All digitally designed copings and/or crowns to be used with the Neodent Ceramic Base Abutment System are intended to be sent to Straumann for manufacture at a validated milling center.


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A new smile every day

Founded by a dentist for dentists, with the purpose of changing lives of more patients. Neodent® is a global brand available in more than 80 countries, with more than 3 million implants sold annually. With a legacy of more than 29 years focused on ease of use, Neodent Dental Implant Systems focus on progressive treatment concepts, such as immediacy with modern and reliable solutions to enable therapy access and affordability for creating new smiles every day.

 **Global brand**
Available in more than 80 countries with more than 3 million implant sold annually.

 **Therapy access and affordability**
Accessibility to proven and affordable solutions.

 **Founded by a dentist to dentists**
A legacy of more than 29 years focused on ease of use.

 **Progressive treatment concepts**
Modern and reliable solutions.

Excellence
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maxon motor

maxon

Driven by precision

Founded in 1961, maxon motor group is a Swiss company focused on customer-specific drive solutions, quality and innovation. Presenting more than 20 years of experience in ceramic injection molding (CIM) for mechanical precision parts, maxon has broadened the application of its CIM technology to include dental implants and owns various patent applications in the past 10 years.

On 2016, Straumann Group and maxon have decided to join expertise creating maxon dental GmbH. Combining Neodent® strengths in dentistry with maxon technology leadership, the goal is to deliver straightforward ceramic implant system for dentists and, more affordable treatment for patients, who want highly esthetic and metal-free solutions.

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