

## Zirconia Abutments

Zirconia Abutments are made in a range of anatomical shapes for all positions and match perfectly the Tissue Formers and the natural profile developed during healing. Esthetic coping designs and the pre-blasted NeoLink™ minimise the need for further adjustments and allow an easy, fast, economical and highly esthetic restoration.



- *Intended use* – Cement-retained single and multiple unit restorations and screw-retained single unit restorations.
- *Material* – Commercially Pure Titanium Grade 4 and Zirconia (HIP, Hot Isostatic Pressed, Yttrium-oxide stabilized Zirconium-dioxide).
- *Packaging* – Non-sterile; includes separate Zirconia coping, Ti NeoLink™ Mono, laboratory screw and abutment screw.
- *Zirconia physical properties* - Granular size < 0.5 µm, fracture toughness 9-10 MPa, flexural strength 1000-1300 MPa, thermal expansion 10.6 x 10<sup>-6</sup> K<sup>-1</sup>, X-ray contrast similar to metal.
- *Esthetiline Solution* – Zirconia Abutments are part of the Esthetiline solution. The shapes match the profile of the Tissue Formers and an optimal result is achieved by choosing the Zirconia Abutment that matches the Tissue Former placed at surgery.
- *Coping modification* – Prior to cementation and placement, careful adjustment of the Zirconia coping may be made extra-orally by using burs especially manufactured for preparation of ceramics.
- *Indexing* – It is recommended that the implant is indexed prior to placing the Zirconia Abutment to ensure optimal placement and minimal preparation.

*Note: There is also an indexing between the Zirconia coping and the NeoLink™ (the plane on the NeoLink™ matches a plane in the coping) in order to achieve a specific orientation in relation to the implant's rotational position. Index the flat plane of the NeoLink™ in the buccal direction.*

- *Procedure* – The Zirconia coping is designed to be cemented onto the NeoLink™. This may be carried out at the chair-side or in laboratory. For more information please refer to the Neoss Implant System Guidelines.

*Note: Apply a resin bonded cement according to manufacturer's instructions.*

### Assortment

Item no.	Description
31290	Zirconia Abutment - Wide Incisor
31291	Zirconia Abutment - Narrow Incisor
31292	Zirconia Abutment - Canine
31293	Zirconia Abutment - Pre-molar
31294	Zirconia Abutment - Molar
90137	Zirconia Abutment Preparation Kit

