NeoBase™ Abutments

A complete range of titanium base abutments for local milling of ceramic restorations with angulated and straight screw channels.

Features & benefits

Variety of post heights – Provides additional retention area.

Variety of gingival margin heights – Enables flexibility in soft tissue management and implant placement.

Angulated screw channels – Offer improved handling and esthetics, with favorable screw channel exit positions, easier posterior access, and a screw-retained solution in the anterior for improved occlusal function.

Compact geometry – Designed to maximize design freedom and compatibility with conventional milling machines. The NeoBase™ post is designed for reliable retention and maximum ceramic thickness.

Digital workflow efficiency and esthetics – The libraries include the complete range of Neoss digital assortment such as Esthetiline designs which offer seamless design and anatomical fit from healing abutments to final restorations after intra-oral scanning.

Assortment

<table>
<thead>
<tr>
<th>Art. No.</th>
<th>Description</th>
<th>A</th>
<th>B</th>
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<td>NeoBase™ Mono G0.3 mm – H3.6 mm</td>
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<td>iGO Screwdriver Machine 22 mm</td>
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<td>51184</td>
<td>iGO Screwdriver Machine 32 mm</td>
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All NeoBase™ Abutments include Neoss iGO Abutment Screw and iGO Laboratory Screw. All components might not be available on all markets.
Facts and figures

Packaging - NeoBase™ abutments include Neoss iGO Abutment Screw and iGO Laboratory Screw. The label indicates only for use with iGO screwdriver. The NeoBase™ abutment also comes with patient labels for patient records and state the use of iGO screw and screwdriver.

Material - Abutments are made in Titanium alloy grade 5.

iGO screw and screwdriver compatibility - NeoBase™ abutments are only compatible with iGO abutment screws and iGO screwdrivers and which are used for both straight and angulated screw channels. Note: iGO screws are clearly identified by having a conically shaped and partially coated screw head. Note: iGO abutment and laboratory screws are visually differentiated by coating and by number of threads.

Tightening torques - Recommended torque is 32 Ncm for restorations on implants Ø3.5-6.5 and 20 Ncm for restorations on implant Ø3.25.

Screw channel angulation - 0-25°, see instructions for use for details and limitations.

360° rotational freedom - Neoss implant and NeoBase™ abutment designs allow for 360° freedom in rotation of the screw channel. Design approach varies between design software.

Library versions that include NeoBase™ abutments:
3shape: Neoss Brand Library 1.1.0 or higher
Exocad: Neoss Brand Library 1.1.0 or higher

Library download - The libraries together with the installation guidelines are available for download on www.neoss-cadcam.de.

Denomination in libraries - Zirconia restorations with NeoBase™ abutments are available in the "Neoss-Hybrid" section, in which you can do both SSC (straight screw channel) and ASC (angulated screw channel). Once "Neoss - Hybrid Abutment" is chosen, all NeoBase™ Kits, one for each abutment type, are listed.

Additional notes and hints

General production pre-requisites related to angulated screw channel:
5-axis milling machines
High-end CAM software allowing for angulated screw channel

Communication - As the IGO screws and IGO screwdrivers are new for some users, when using the IGO products please ensure all parties are informed, including labs and clinicians during the treatment process.

Disengagement of screwdriver from screw - if needed, slight counter clockwise rotation in combination with slight off-center rotation will release the screwdriver from the screw.

Esthetiline - NeoBase™ abutments are part of the Esthetiline range and support the Esthetiline solution with matching gingival design and anatomical fit from healing abutments to final restorations.