Product Information Sheet

Screw retained Straight and Angulated Abutment Solution for optimized Retrievability

Neoss Access Abutment

Retrievability of implant supported prosthetics ensures complete control and ease of maintenance without compromise. The Neoss Neolink already offers unique flexibility in construction methods and in combination with the Access Abutment this extends to screw retained restorations. The Access Abutment provides an axial straight and angulated extension to the implant that facilitates working to, and restoration on, abutment level rather than directly on the implant.

Neoss Access Abutment features:

- *A range of heights and angulations* – The Access Abutment design expands the indications for the Neoss system by allowing for a screw-retained restoration requiring 10°, 20° and 30° of angulation with as little as 4.5 mm of interocclusal space. It fits all Neoss implant diameters.
- *Aesthetic low profile* – The Access Abutment balances strength and aesthetics. The emergence profile is designed to eliminate potential soft tissue problems.
- *Easy Positioning* – The design rationale allows the clinician to position the Access Abutment, tighten the screw and remove the holder offering a truly user-friendly placement protocol. Achieving passivity, framework delivery, and if required, retrievability are all made simple with the Access Abutment.

Indications

Aesthetic Screw Retained Multi-unit Restorations

- Multiple unit screw-retained straight and angled restorations
- Fully edentulous or partially edentulous arch
- Retrievable solutions for titanium, gold or ceramic restorations

Note: The use of angulated Neoss Access Abutments for a bridge restoration on two small diameter implants is not recommended for the posterior region. Neoss Access Abutments are not available for Ø3.25mm implants.

Assortment

Item no.	Description
31214	Neoss Access Abutment 2.0 mm
31215	Neoss Access Abutment 3.0 mm
31216	Neoss Access Abutment 4.0 mm
31219	Neoss Access Abutment 10° 2.6 mm
31221	Neoss Access Abutment 20° 2.6 mm
31223	Neoss Access Abutment 30° 2.9 mm
31225	Neoss Access Impression Coping 8 mm and Replica
31226	Neoss Access Neolink Multi Ti
31227	Neoss Access Neolink Multi Gold
31228	Neoss Access Provisional Ti Abutment Multi
31264	Neoss Provisional Abutment Multi – Long – 2 pcs
31266	Neoss Access Burnout Abutment Multi – 2 pcs
31229	Neoss Access Prosthetic Screw – 1 pc
31257	Neoss Access Provisional/Laboratory Screw – 5 pcs
31265	Neoss Access Laboratory Screw – Long – 5 pcs
31231	Neoss Access Replica – 5 pcs
51149	Neoss Angulation Gauge

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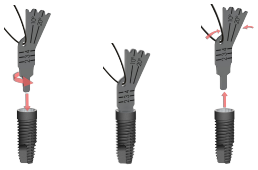
Procedure

Clinical Procedure – Access Abutment Placement

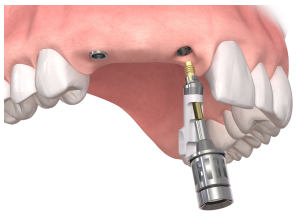
1. Select appropriate Neoss Access Abutment using Neoss Angulation Gauge.
2. *Neoss Access Abutment, Angulated:* The appropriate angulated abutment is placed on the implant and oriented in the correct position (six possible positions)using the pre-mounted abutment holder. Keep the pressure on the holder to avoid rotation of the abutment when tightening the screw. The abutment screw is then tightened using the Neoss screwdriver.
   Neoss Access Abutment, Straight: The appropriate straight abutment is placed on the implant and screwed into position using the pre-mounted abutment holder.
3. Final tightening of the abutment screw to 32 Ncm is carried out using the Ratchet and the Neoss screwdriver.
4. The disposable holder is removed from the abutment.

Note: The angulated abutment is preferably mounted at implant surgery or at second stage surgery for optimal tissue healing. Placement in already healed tissue might require additional soft tissue surgery for adequate seating of the angulated abutment. A radiograph can be taken to confirm accurate seating of the abutment.

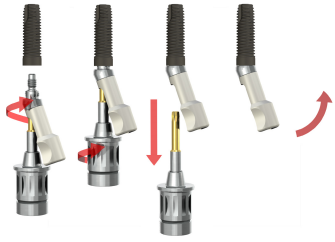
Note: Only Neoss TiN-coated screwdrivers (article #51139, #51140) are compatible with the Neoss Access abutment.



Neoss Angulation Gauge



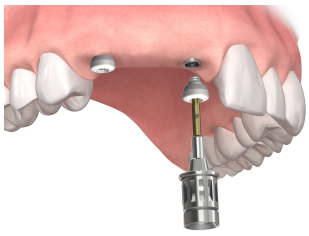
Pre-mounted abutment holder



Positioning and tightening of abutment

Impression Procedure

1. Position the Access Impression Coping (laser-marked) onto the abutment and tighten the coping screw. The impression procedures, open or closed tray, are described in section 3.3 in the Neoss Implant System Manual. The impression is sent to the dental laboratory.
2. Place an Access Healing Abutment or a temporary restoration, see section 1.4 in the Neoss Implant System Manual.



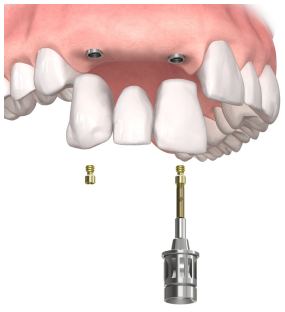
Placement of Healing Abutment

Laboratory Procedure

1. Neoss Access Abutment Replicas are secured in the copings located in the impression.
2. Pour the model including a soft tissue portion if possible.
3. Produce the restoration either by casting using Gold Neolinks, as described in section 3.4 and 3.6 in the Neoss Implant System Manual, or by using a milled framework in titanium or ceramic as described in section 3.7.

Final Restoration Placement

1. Remove the Access Healing Abutment or the temporary restoration from the abutments.
2. Connect the restoration to the abutments with prosthetic screws. Start with the central screw (if applicable) and tighten the remaining screws alternating between left and right sides.
3. Tighten the prosthetic screws to 20 Ncm using the Ratchet and the Screwdriver.
4. Block out the screw access channel with gutta percha. Use a suitable material such as light curing composite to fill in the screw access channel.



Placement of final restoration.

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