Product catalogue 2024

• ISSUE 02

NEODENT®

A Straumann Group Brand

SUMMARY

Smile through life.

NEODENT®
A Straumann Group Brand

Neodent® is a global brand founded by a dentist for dentists, with the purpose of **changing lives**. Available in **95 countries**, with a legacy of **more than 30 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 95 countries, expanding our philosophy worldwide.

FOUNDED BY A DENTIST FOR DENTISTS

A legacy of more than 30 years focused on ease of use.

PROGRESSIVE TREATMENT CONCEPTS

Modern and reliable solutions.

THERAPY ACCESS AND AFFORDABILITY

Acessability to proven and affordable solutions.

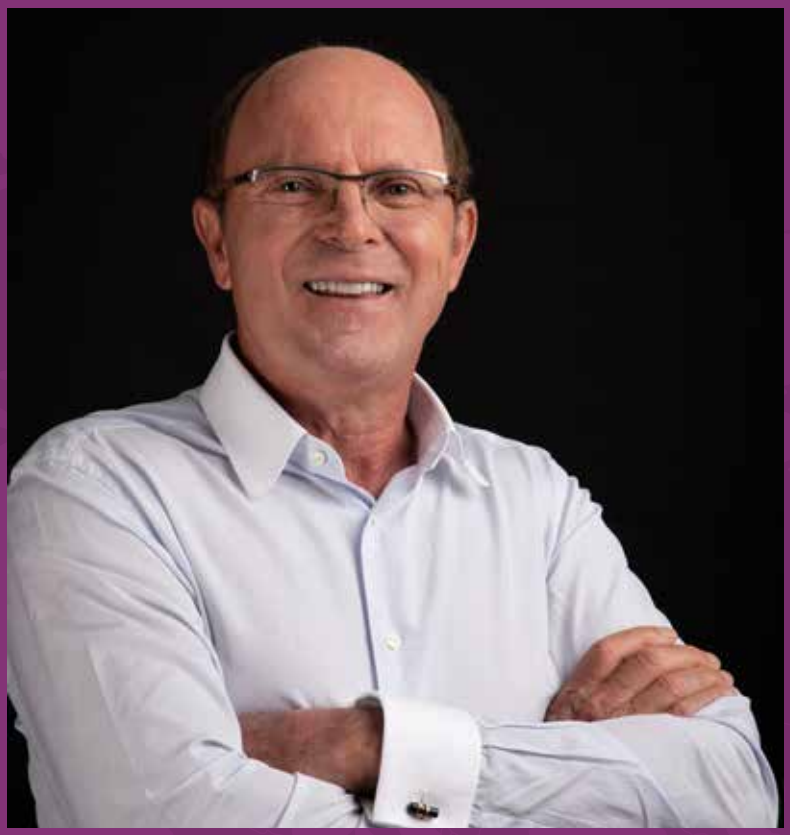
THE CHOICES WE MAKE WRITE OUR HISTORY

For over 30 years, we have been creating and transforming smiles. Our purpose is put into practice day after day through the development of quality products and innovative solutions, always with a focus on customers.

We are growing and evolving rapidly, with an increasingly global presence. This evolution has also led us to rethink our brand positioning: we now present ourselves as a company specializing in aesthetic, rehabilitative, and innovative dental implant solutions.

Through the efforts of our over 2,800 employees, we aspire not only to continue creating new smiles every day but also to enable people to smile through life. And we are determined to be a part of this transformation!

Matthias Schupp • CEO of Neodent and EVP Straumann Group Latin America



For over three decades, my journey as a dentist and entrepreneur began with the clear mission of providing new reasons to smile. In 1993, focusing on the immediate loading technique, we transformed the dental implant market in Brazil, marking a significant chapter in our history.

In 2015, by joining forces with the Straumann Group, we expanded our influence and are now present in 95 countries. We continue to shape the future, focused on creating solutions that enhance the lives of patients and dentists. We value the dentist-centered approach, offering diverse and innovative treatments.

Each implant is not just a "titanium or ceramic screw," but an opportunity for the dentist to restore confidence and joy to their patients. It's about transforming lives and strengthening the dental community. Today, we celebrate not only technological advancements but also the positive impact on the lives of countless individuals because Neodent® is more than an implant company; it is a family dedicated to excellence, innovation, and the constant pursuit of reasons to smile.

Dr. Geninho Thomé • Founder of Neodent®

Ceramic
Implant System

Increasing expectations for treatments solutions, the Neodent® Ceramic Implant System combines the notions of esthetic, stability, and flexibility.
This solution allows to immediately treat patients, thanks to the moderns naturally tapered design and wide prosthetic portfolio, achieving high-end esthetic results.

A new **mindset**

- A new flexibility mindset
- A new stability mindset
- A new esthetic mindset

DR GENINHO THOMÉ, from Brazil

"The patients are pursuing more and more esthetics results and we were able to come up with a product that is beautiful and also has injected ceramic technology, which makes it possible to make a high quality implant with an innovative, complex and metal-free technology."

A new **flexibility mindset**

Looking to attend several treatments solutions and a wide range of prosthetic possibilities through a 2-pieces connection.

TREATMENT FLEXIBILITY

A new concept in flexibility offering several solutions for treatment, from conventional to digital workflow, attending bone types I to IV with outstanding esthetics.

Ø 3.75 mm

10.0 mm
11.5 mm
13 mm

Indicated for incisor and canines.

Ø 4.3 mm

10.0 mm
11.5 mm
13 mm

Indicated for all mouth regions.

PROSTHETIC FLEXIBILITY

The 2-pieces connection benefits the customer allowing to choose the best prosthetic solution.
A user-friendly system that provides higher treatment flexibility when compared to one-piece implants.

ZI BASE

- Single-unit screw-retained prosthesis
- Single-unit cement-retained prosthesis
- Ø 3.75/4.5 mm

ZI BASE FOR C

- Single-unit screw-retained prosthesis
- Single-unit cement-retained prosthesis
- Ø 4.65 mm

ZI CR ABUTMENT

- Single-unit cement-retained prosthesis
- Ø 4.0/4.5 mm

A new **stability mindset**

Zi combines a naturally tapered implant design with double trapezoidal threads. Both designed to maximize stability and predictability in immediate treatments.

ZILOCK® CONNECTION

ZiLock® is a ceramic internal connection with 6 rounded lobes. This indexation results in a precise abutment positioning, protecting against rotation.
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.

TAPERED DESIGN FOR PRIMARY STABILITY

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

Double trapezoidal thread design.

Apically tapered with chamber flutes.

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.

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

A new **esthetic mindset**

Seeking for an outstanding esthetic performance, Zi offers, from the material itself, Ceramic, to the comprehensive portfolio, a natural esthetic result.

OUTSTANDING ESTHETIC PERFORMANCE

Aiming to deliver performance with a high-end esthetic result, Neodent Ceramic Implant System features an outstanding ceramic material, that provides a natural looking outcome, thanks to its white color

A PORTFOLIO TO ACHIEVE NATURAL ESTHETIC RESULTS

Ceramic prosthetic portfolio allows conventional or immediate protocol. In addition, preferable workflow can be applied from conventional to digital, providing a natural looking restoration.

HEALING ABUTMENT

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

CONVENTIONAL WORKFLOW

The burn-out coping is developed to deliver accurate wax up prosthetic restoration in a conventional workflow.

DIGITAL WORKFLOW

The Scanbody allows acces to the digital restorative workflow for implant level. This solution is compatible with the main CAD softwares in the market.

DR FEDERICO MANDELLI, from Italy

"Zi is a Ceramic Implant System that I can use with any immediate loading protocol. So I can keep my protocols the same, for titanium or ceramic, offering the same treatment for any case."

Neodent® Zi Implant Packaging

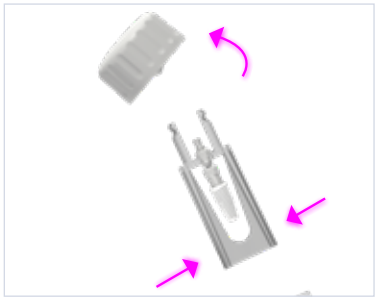
Neodent® packaging has been specially updated for easy handling and seeking to achieve a safe surgical procedure, providing practicality from implant stocking to the capture and transport and implant bed. The implant's features, such as type, diameter and length, are readily identifiable on the outside of the packaging.

Three self-adhesive labels are provided for recording in the patient's medical records and for reporting to the prosthesis team. They also allow traceability for all articles.

Package instruction of use

1. The cardboard and blister packagings must be opened, manually, without the use of sterile gloves. Break the seal of the cardboard packaging and remove the blister. Open the blister pack. Deposit the sterile flask over the surgical field.
NOTE: The clear tube and implant must be handled with a sterile surgical glove, in a surgical environment. Hold the bottle using the non-dominant hand and take the lid off.

2. The internal support containing the implant and transfer piece must come out attached to the lid. To do so, remove the lid and the clear tube's internal support in the axial direction without making any lateral movements.



3. Keep the support stable and remove the lid.

4. For installation, capture the implant transfer piece with the Hexagonal Connection, keeping it stable and slightly rotating the internal support, searching for the perfect fit between connection and transfer piece.

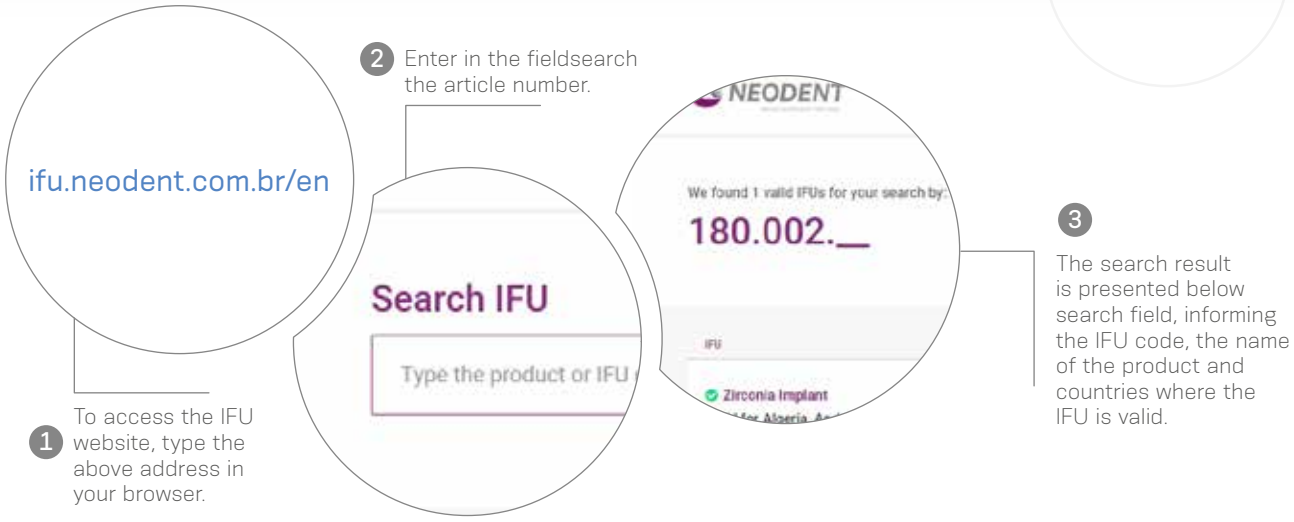
5. Take the transfer-implant assembly to the surgical cavity.

e-IFU – Electronic Instructions For Use

Neodent® innovates once more, providing an on-line platform designed to provide quick and practical use of its own products instructions: the e-IFU (Instructions For Use) website.

To facilitate access, have the article number, which can be found on the external packaging of the product, in this catalogue or with your local distributor. Once the article number is entered in the website, the professional will have access to relevant information to this product, such as description, indication for use, contraindications, handling, traceability and other features.

Access: ifu.neodent.com.br/en



1 To access the IFU website, type the above address in your browser.

2 Enter in the fieldsearch the article number.

3 The search result is presented below search field, informing the IFU code, the name of the product and countries where the IFU is valid.

4 Click the "download" button to open the file.

5 The IFU will automatically open in a new window. In case yor want to download it, click the save as icon to download in your browser.

Zi
Implant

PRODUCT FEATURES:

Implants Description:

- Naturally tapered design
- Compacting trapezoidal threads
- Double threaded implant
- Apically tapered with chamber flutes
- ZiLock® connection

Indications:

- Indicated for all types of bone density

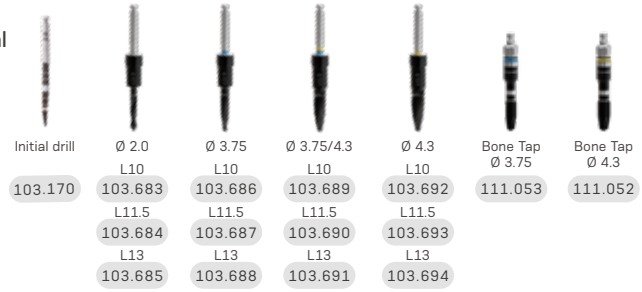
Drilling features:

- Drilling speed: 800-1200 rpm for bone types I and II
- Drilling speed: 500-800 rpm for bone types III and IV.
- Countersink is required if used in bone types I, II and III with 300rpm.
- Bone tap is required if used in bone types I, II and post extraction: contra angle: 30rpm/35 N.cm and torque wrench: maximum torque of 60N.cm
- Maximum insertion torque: 60 N.cm
- Minimum torque value for immediate loading: 35N.cm

Surface:

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

Drill Sequence for conventional surgery



Initial drill	Ø 2.0	Ø 3.75	Ø 3.75/4.3	Ø 4.3	Bone Tap Ø 3.75	Bone Tap Ø 4.3
103.170	L10 103.683	L10 103.686	L10 103.689	L10 103.692	111.053	111.052
	L11.5 103.684	L11.5 103.687	L11.5 103.690	L11.5 103.693		
	L13 103.685	L13 103.688	L13 103.691	L13 103.694		

Ø 3.75 mm	✓*	✓	✓	✓		✓		Bone types I and II
Ø 4.3 mm	✓*	✓	✓	✓	✓		✓	
Ø 3.75 mm	✓*	✓	✓	✓				Bone type III
Ø 4.3 mm	✓*	✓	✓	✓	✓			
Ø 3.75 mm	✓*	✓	✓					Bone type IV
Ø 4.3 mm	✓*	✓	✓	✓				

*Optional

Drill Sequence for guided surgery

Mucosa Punch Ø 3.75	Mucosa Punch Ø 4.3	Leveling drill Ø 3.75	Leveling Drill Ø 4.3	Initial drill guided	Ø 2.0	Ø 3.75	Ø 3.75/4.3	Ø 4.3	Bone Tap Ø 3.75	Bone Tap Ø 4.3
103.695	103.696	103.680	103.681	103.682	L10 103.683	L10 103.686	L10 103.689	L10 103.692	111.053	111.052
					L11.5 103.684	L11.5 103.687	L11.5 103.690	L11.5 103.693		
					L13 103.685	L13 103.688	L13 103.691	L13 103.694		

Ø 3.75 mm	✓*		✓*		✓	✓	✓	✓		✓		Bone types I and II
Ø 4.3 mm		✓*		✓*	✓	✓	✓	✓	✓		✓	
Ø 3.75 mm	✓*		✓*		✓	✓	✓	✓				Bone type III
Ø 4.3 mm		✓*		✓*	✓	✓	✓	✓	✓			
Ø 3.75 mm	✓*		✓*		✓	✓	✓					Bone type IV
Ø 4.3 mm		✓*		✓*	✓	✓	✓	✓				

- In order to prepare the surgical alveolus after extraction, use sequences of the drill used in type I bone.
- For mandible, use bone tap.

Zi **Implants**

	10.0 mm	11.5 mm	13.0 mm
Ø 3.75	180.002	180.003	180.004
Ø 4.3	180.006	180.007	180.008

Zi Cover Screw

117.023

:: Use the manual Neo Screwdriver (104.060);
:: Do not exceed the insertion torque of 10 N.cm.

Zi Healing Abutments

Profile	1.5 mm	2.5 mm	3.5 mm	4.5 mm
Ø 3.75	106.233	106.234	106.274	106.275
Ø 4.5	106.235	106.236	106.276	106.277

:: Use the manual Neo Screwdriver (104.060);
:: Do not exceed the insertion torque of 10 N.cm.

Check it out on the eShop, go to: neodent.com/shopnow

Peek CR Abutment

Single-unit cement-retained temporary prosthesis

Ø 4.0/4.5 mm

Check it out on the eShop, go to: neodent.com/shopnow

Neo screwdriver connection;

Cementable area height: 5.0 mm;

Gingival height: 1.5, 2.5, 3.5 & 4.5 mm;

ZiLock® connection;

Removable screw.

Installation Sequence

	1.5 mm	2.5 mm	3.5 mm	4.5 mm
Ø 4.0	114.888	114.889	114.926	114.927
Ø 4.5	114.886	114.887	114.924	114.925

Peek CR Abutment

10 N.cm 1

Impression Coping CR Abutment

Ø 4.0 108.201

Ø 4.5 108.202

Provisional Coping CR Abutment

Ø 4.0 108.201

Ø 4.5 108.202

Hybrid use: can be used as an impression coping and a provisional abutment.

Zi CR Abutment Analog

Ø 4.0 101.106

Ø 4.5 101.105

Drivers

1 

Neo Screwdriver Torque Connection

+ 

Torque Wrench

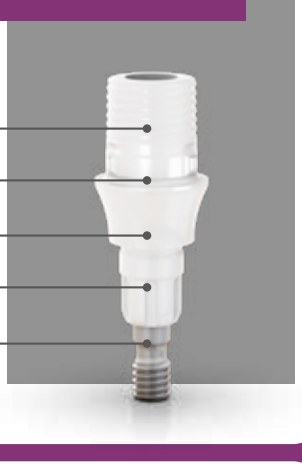
Zi Base

Single-unit screw-retained prosthesis

Single-unit cement-retained prosthesis

Ø 3.75/4.5 mm

Check it out on the eShop, go to: neodent.com/shopnow



Installation Sequence

Intraoral scanning

Zi Implant Scanbody

10 N.cm 2

108.222

Hybrid Repositionable Analog Zi Implant (conventional/digital)

101.080

	1.5 mm	2.5 mm	3.5 mm	4.5 mm
Ø 3.75	135.254	135.255	135.440	135.441
Ø 4.5	135.256	135.257	135.442	135.443

Zi Base

32 N.cm 1

Model Scanning

Zi Implant Exact Impression Coping Open and Closed Tray

10 N.cm 2

	Closed	Open
Regular	108.186	108.188
Long	108.187	108.189

Hybrid Repositionable Analog Zi Implant (conventional/digital)

101.080

Zi Implant Scanbody

10 N.cm 2

108.222

Conventional

Zi Implant Exact Impression Coping Open and Closed Tray

10 N.cm 2

	Closed	Open
Regular	108.186	108.188
Long	108.187	108.189

Hybrid Repositionable Analog Zi Implant (conventional/digital)

101.080

Zi Base

32 N.cm 1

	1.5 mm	2.5 mm	3.5 mm	4.5 mm
Ø 3.75	135.254	135.255	135.440	135.441
Ø 4.5	135.256	135.257	135.442	135.443

Burn-out coping Zi Base

Ø 3.75	118.343
Ø 4.5	118.325

Drivers

1 

Neo Screwdriver Torque Connection +

Torque Wrench

2 

Neo Screwdriver Torque Connection +

Manual Screwdriver Torque

Accessories

Abutment replacement screw

116.289

Zi Base for C

Single-unit screw-retained prosthesis

Single-unit cement-retained prosthesis

Ø 4.65 mm

Check it out on the eShop, go to: neodent.com/shopnow

Design for CEREC® workflow;

Neo screwdriver connection;

Gingival height: 1.5, 2.5, 3.5 & 4.5 mm;

ZiLock® connection;

Removable screw.

Installation Sequence

Zi Base for C

	1.5 mm	2.5 mm	3.5 mm	4.5 mm
Ø 4.65	135.258	135.259	135.444	135.445

→ Intraoral Scanning with scanbodies provided by Dentsply Sirona → Finalized Prosthesis

Workflow

Step 1

Gingiva height selection and ordering.

Select the Zi Base for C gingival height. →

Order the Zi Base for C.

Please note that the scanbody has to be purchased directy from equipment manufacturer.

Step 2

Intra-oral scanning.

Insert the Zi Base for C in the Neodent implant. In this step the Scanbase for C can be used as alternate for scanning.

Scanbase for C

GH	1.5	108.234
	2.5	108.235

→

Insert Scanbody on the Zi Base or Scanbase for C.

Step 3

Design and milling.

Select in the CAD software the comparable third-party Zi Base and perform the digital design. When using the Scanbase for C always refer to the same GH as the Zi Base for C. →

Mill the digital design.

Step 4

Finalization and fixation.

- Check the fit of milled restoration in the patient's mouth and adapt it, if needed.
- Cement the restoration on the Zi Base for C and insert it into the patient's mouth.

CEREC digital library compatibility

Library	Sirona's Products				Compatible with implant System	
Ti-base	Scanbody	REF Scanbody Omnicam	REF Scanbody Bluecam / Ineos	Griding block	Implant manufacturer	Implant system
NBB 3.4 L *NB A 4.5 L* *SSO 3.5 L* *S BL 3.3 L* *S BL 4.1 L* *BO 3.4 L*	L	6431329	6431303	inCoris ZI meso L	Neodent®	GM, CM, HE, IIPluss

Drivers

1  Neo Screwdriver Torque Connection +  Torque Wrench

Accessories

Abutment replacement screw

116.289

Zi CR Abutment

Single-unit cement-retained prosthesis

Ø 4.0/4.5 mm

Check it out on the eShop, go to: neodent.com/shopnow

Installation Sequence

Zi CR Abutment Straight

	1.5 mm	2.5 mm	3.5 mm	4.5 mm
Ø 4.0	114.854	114.855	114.916	114.917
Ø 4.5	114.856	114.857	114.918	114.919

32 N.cm (1)

Zi CR Abutment Angulated 17º

	1.5 mm	2.5 mm	3.5 mm
Ø 4.0	114.858	114.859	114.920
Ø 4.5	114.860	114.861	114.922

32 N.cm (1)

Intraoral

Zi CR Abutment Scanbody

Ø 4.0 108.199

Ø 4.5 108.200

Zi CR Abutment Analog

Ø 4.0 101.106

Ø 4.5 101.105

Milled Crown

Conventional

Impression Coping CR Abutment

Ø 4.0 108.201

Ø 4.5 108.202

Provisional Coping CR Abutment

Ø 4.0 108.201

Ø 4.5 108.202

Hybrid use: can be used as an impression coping and a provisional abutment.

Zi CR Abutment Analog

Ø 4.0 101.106

Ø 4.5 101.105

Zi CR Abutment Burn Out Coping

Ø 4.0 118.367

Ø 4.5 118.368

Drivers

(1) Neo Screwdriver Torque Connection +

Torque Wrench

Accessories

Abutment replacement screw

116.289

Zi Guided Surgery:
Precision and predictability with outstanding esthetic results

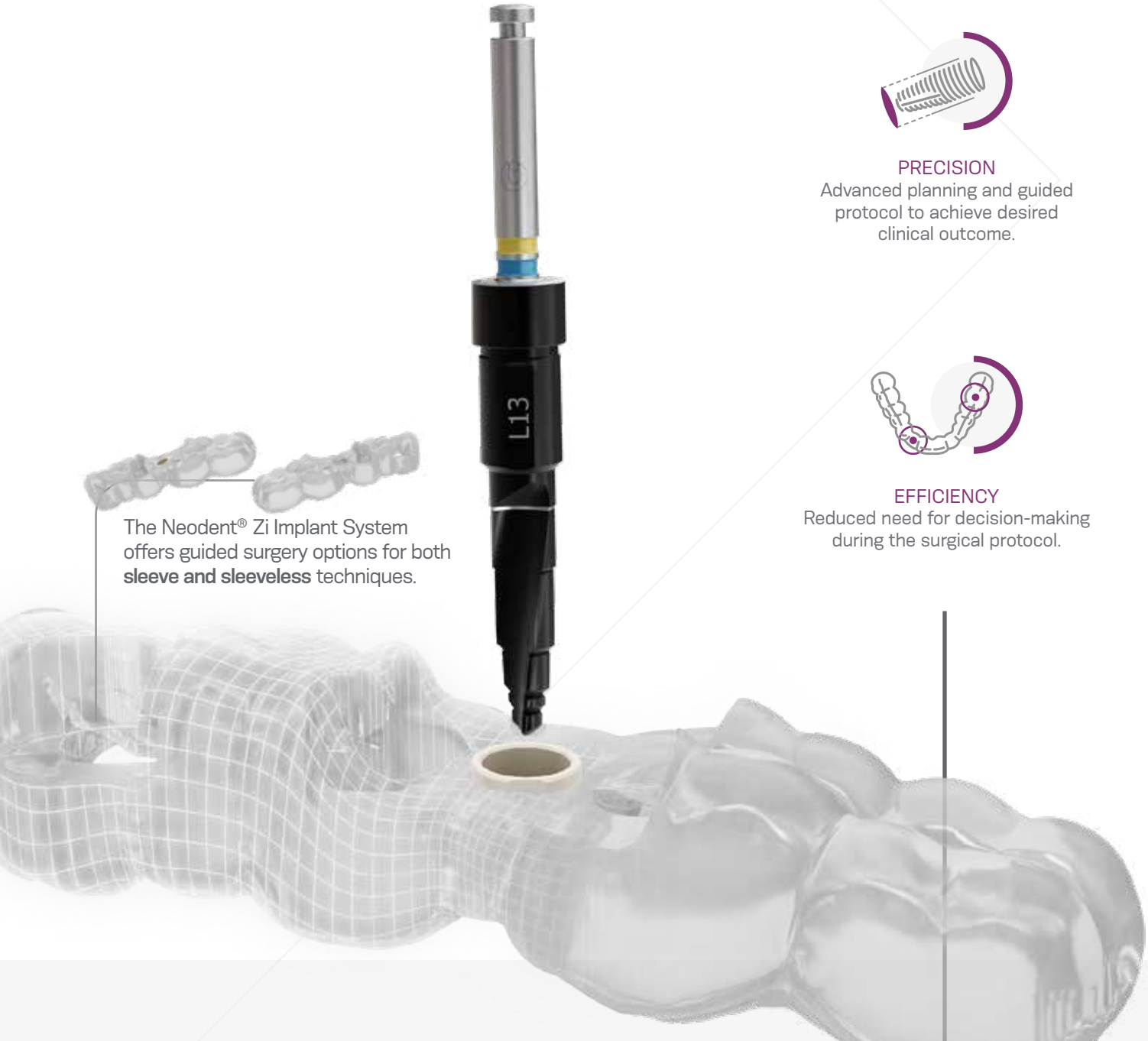
When it comes to ceramic implant systems, the guided technique contributes to achieve esthetic results with predictability and confidence in treatment decisions.

Considering the precise positioning and the combination of ceramic material with soft tissue preservation, the guided protocol is accurate and precise compared to conventional procedures and also reduces the surgical procedure time.

PREDICTABILITY
Advanced planning and guided protocol to achieve desired clinical outcome.

PRECISION
Advanced planning and guided protocol to achieve desired clinical outcome.

EFFICIENCY
Reduced need for decision-making during the surgical protocol.



The Neodent® Zi Implant System offers guided surgery options for both **sleeve and sleeveless** techniques.

MultiKit

Efficient and adaptable with no need for multiple kits

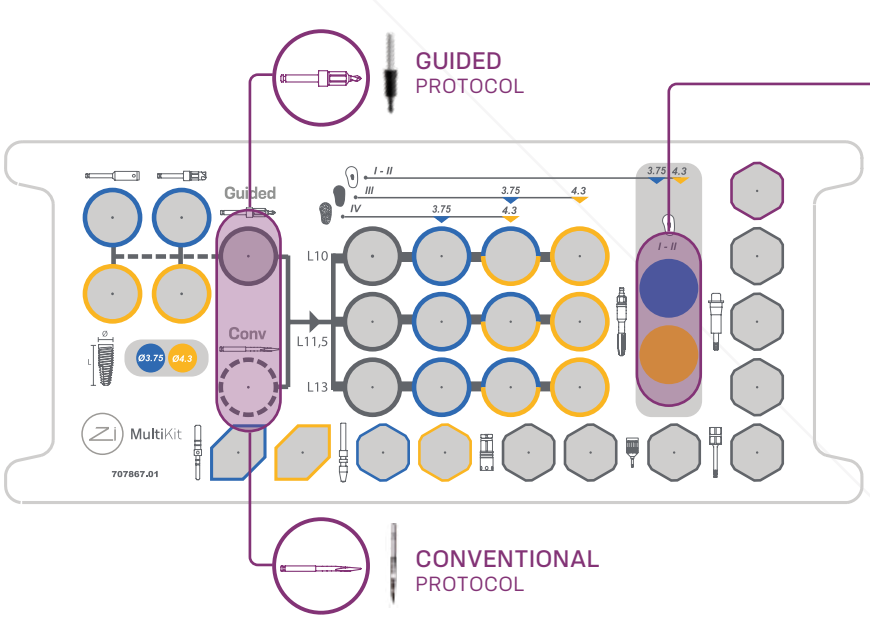
The new Neodent® Zi MultiKit™ is an all-in-one kit designed for both conventional and guided protocols, allowing an organized, efficient, and adaptable surgical environment.

DIAMETER
Ø3.75 Ø4.3

User-friendly color-coded system according to implant diameter.

DRILL STOP
Built-in drill stop for physical depth control for guided protocol.

LENGTH MARK
Active portion matching implant length and laser-marked information for conventional protocol.



ZI BONE TAP
Same drill for conventional and guided protocol

Zi Implant System **Kit**

Zi MultiKit

Autoclavable polymer case.

To order pre mounted version of the kit, with its full composition use code 110.342.

Articles

- 110.337 Zi MultiKit Case
- 103.682 Zi Initial Drill for Guided Surgery
- 103.170 Initial Drill
- 103.680 Zi Bone Levelling Drill 3.75
- 103.681 Zi Bone Levelling Drill 4.3
- 103.683 Zi Tapered Drill 2.0x10
- 103.684 Zi Tapered Drill 2.0x11.5
- 103.685 Zi Tapered Drill 2.0x13
- 103.686 Zi Tapered Drill 3.75x10
- 103.687 Zi Tapered Drill 3.75x11.5
- 103.688 Zi Tapered Drill 3.75x13
- 103.689 Zi Tapered Drill 3.75/4.3x10
- 103.690 Zi Tapered Drill 3.75/4.3x11.5
- 103.691 Zi Tapered Drill 3.75/4.3x13
- 103.692 Zi Tapered Drill 4.3x10
- 103.693 Zi Tapered Drill 4.3x11.5
- 103.694 Zi Tapered Drill 4.3x13
- 111.053 Zi Bone Tap 3.75
- 111.052 Zi Bone Tap 4.3
- 103.395 Guided Surgery Drill 1.3
- 103.695 Zi Mucosa Punch 3.75
- 103.696 Zi Mucosa Punch 4.3
- 105.174 Zi Driver for Torque Wrench
- 105.175 Zi Driver for Contra-angle
- 105.132 Neo Screwdriver Torque Connection
- 104.060 Neo Manual Screwdriver
- 125.210 Zi Palatal Setter
- 103.665 Drill Palatal Setter
- 125.142 Guide Clamp
- 129.034 Depth Probe
- 125.209 Zi Guide Estabilizer for Guided Surgery
- 128.020 Direction Indicator 3.75
- 128.022 Direction Indicator 4.3
- 129.020 Tapered X-ray Positioner 3.75
- 129.013 Tapered X-ray Positioner 4.3
- 104.050 Torque Wrench
- 125.211 Zi Transfer Piece Remover

Note: Items that compose Zi Neodent® Kit are sold separately.

Check it out on the eShop, go to: neodent.com/shopnow

Zi Implant System
Instruments

Initial Drill

:: Available in surgical steel;
:: 2.0mm diameter.

103.170	Convetional
103.682	Guided

Tapered Drills

:: Available in surgical steel;
:: Drill sequence for Zi Implants.

103.683	Zi Tapered Drill Ø2.0X10
103.684	Tapered Drill Ø2.0X11.5
103.685	Tapered Drill Ø2.0X13
103.686	Tapered Drill Ø3.75X10
103.687	Tapered Drill (short) Ø3.75X11.5
103.688	Tapered Drill (long) Ø3.75X13
103.689	Tapered Drill (short) Ø3.75/4.3X10
103.690	Tapered Drill (long) Ø3.75/4.3X11.5
103.691	Tapered Drill (short) Ø3.75/4.3X13
103.692	Tapered Drill (Long) Ø4.3X10
103.693	Tapered Drill (short) Ø4.3X11.5
103.694	Tapered Drill (Long) Ø4.3X13

Guided Surgery Drill 1.3 and Guide Clamp

:: Drill available in stainless steel;
:: Guide Clamp available in titanium;
:: For initial fixation of the surgical guide.

Drill Ø 1.3	Guide Clamp
103.395	125.142

Bone Tap

:: Available in surgical steel;

111.053	Ø3.75
111.052	Ø4.3

Neo Screwdriver Torque Connection - Torque Wrench

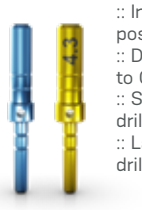
:: Available in surgical steel;
:: Yellow color for line identification.

Short 16.5 mm	Medium 22 mm	Long 32 mm
105.133	105.132	105.157

Neo Manual Screwdriver

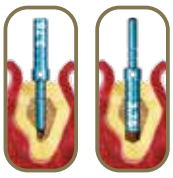
:: Available in surgical steel;
:: Yellow color for line identification

Short 21 mm	Medium 25 mm	Long 37 mm
104.058	104.060	104.070



Direction Indicators

:: Available in titanium;
:: Instrument to guide the implant position;
:: Diameter of central band corresponds to GM and Zi Implant diameter;
:: Smaller side to be used after Ø2.0mm drill;
:: Larger side to be used after the last drill before implant installation.



3.0/3.75 128.020 3.6/4.3 128.022

Tapered X-Ray Positioner

:: Check the axis in relation to adjacent roots using numbers identification.

Ø3.75	Ø4.3
129.020	129.013

Zi Mucosa Punches

:: To remove the mucosa before beginning the osteotomy.

Ø 3.75	Ø 4.3
103.695	103.696

Bone Leveling Drills

:: Available in stainless steel;
Identification through coloring for the different installation diameters of implants in ink canals;
:: For flattening bone surface before osteotomy.

Ø 3.75	Ø 4.3
103.680	103.681

Check it out on the eShop, go to: neodent.com/shopnow

Palatal Setter

:: Drill and Palatal Setter available in stainless steel;
:: Maximum torque of 20 N.cm.

Drill	Palatal Setter
103.665	125.210

Sleeves

Zi Guided Surgery Sleeve Peek (10 un)

125.208

Sleeve for Palatal Setter (10 un)

125.177

Sleeve for Fixation Clamp (10 un)

125.143

Zi Guide Estabilizer for Guided Surgery

:: Application torque: 10 N.cm;
:: Titanium alloy.

125.209

Zi Bone Profile Drill with Guide

:: Available in surgical steel;
:: Used in the second surgical step;
:: Contours the bone around the implant platform, preparing the emergence profile to be suitable for abutments.

103.428

Zi Transfer Piece Remover

:: Compatibility with the cervical portion of Zi implants.

125.211

Reamer for Surgical Guide

:: Stop to limit insertion;
:: Guide Reamer: cutting diameter Ø4.55 mm;
:: Sleeve Reamer: cutting diameter Ø5.35 mm.

Zi Holder

125.212

Tips

125.213 for guide reamer

125.214 for sleeve reamer

Zi Driver for Torque Wrench

:: Blue and Yellow for identification coloring for the Implant Drivers;
:: Maximum recommended torque: 60 N.cm.

Regular	Long
105.174	105.018

Depth Probe

:: Available in titanium;
:: With marks matching the implant lengths.

129.034

Driver for Contra-angle

:: Blue and Yellow for identification coloring for the Implant Drivers;
:: Maximum recommended torque: 35 N.cm;

105.174

Torque Wrench

:: Available in surgical steel;
:: Fitting for square connections;
:: Collapsible Wrench that allows for proper assembly cleaning.

104.050

Replacement items for Zi Conventional Kit

	Initial	Ø 2.0	Ø 3.5	Ø 3.75	Countersink Ø 3.75	Bone Tap Ø 3.75	Ø 4.3	Countersink Ø 4.3	Bone Tap Ø 4.3
	103.170	103.425	short 103.562 medium 103.561 long 103.563	short 103.565 medium 103.564 long 103.566	103.609	111.049	short 103.571 medium 103.570 long 103.572	103.610	111.050
Ø 3.75 mm	✓*	✓	✓	✓	✓	✓			
Ø 4.3 mm	✓*	✓	✓				✓	✓	✓

*Optional / Bone types I and II

Ø 3.75 mm	✓*	✓	✓	✓	✓				
Ø 4.3 mm	✓*	✓	✓				✓	✓	

*Optional / Bone type III

Ø 3.75 mm	✓*	✓	✓	✓					
Ø 4.3 mm	✓*	✓	✓				✓		

*Optional / Bone type IV

- In order to prepare the surgical alveolus after extraction, use sequences of the drill used in type I bone.
- For mandible, use bone tap.

Tapered Drills

:: Available in surgical steel;
:: Drill sequence for Zi Implants.

- 103.561 Tapered Drill Ø3.5
- 103.564 Tapered Drill Ø3.75
- 103.570 Tapered Drill Ø4.3
- 103.425 Tapered Drill Ø2.0
- 103.562 Tapered Drill (short) Ø3.5
- 103.563 Tapered Drill (long) Ø3.5
- 103.565 Tapered Drill (short) Ø3.75
- 103.566 Tapered Drill (long) Ø3.75
- 103.571 Tapered Drill (short) Ø4.3
- 103.572 Tapered Drill (Long) Ø4.3

Countersink Drills

:: Available in surgical steel;

- 103.609 Ø3.75
- 103.610 Ø4.3

Bone Tap

:: Available in surgical steel;

- 111.049 Ø3.75
- 111.050 Ø4.3

Drill Extension

:: Available in surgical steel;
:: Fit the drill directly into the Drill Extension.

- 103.426

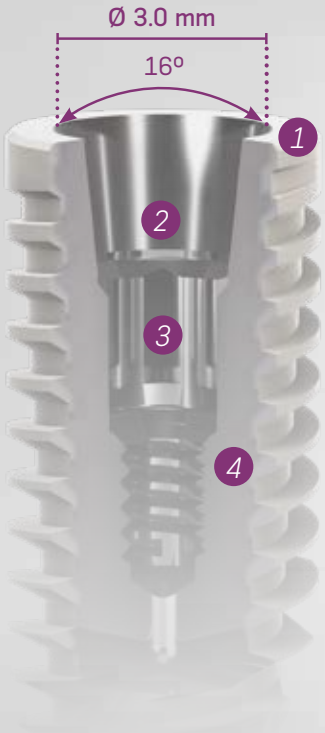
Grand Morse®

GREATNESS IS AN ACHIEVEMENT

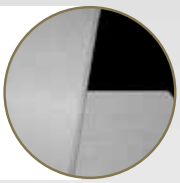
GRAND RELIABILITY

STABLE AND STRONG FOUNDATION DESIGNED FOR LONG TERM SUCCESS

The implant-abutment interface is crucial for a successful long term functional and esthetic result. The Neodent® Grand Morse® connection offers a unique combination based on proven concepts: a platform switching associated with a deep 16° Morse Taper including an internal indexation for a strong and stable connection designed to achieve long-lasting results.

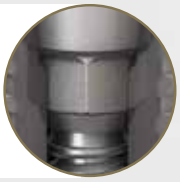


1 Platform Switching
Abutment design with a narrower diameter than the implant coronal area, enabling the platform switching concept[5-9].

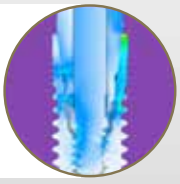


2 16° Morse Taper Connection
Designed to ensure tight fit for an optimal connection sealing.

3 Internal Indexation
Precise abutment positioning, protection against rotation and easy handling.



4 Deep Connection
Allowing a large contact area between the abutment and the implant for an optimal load distribution.



DR JOE BHAT, from United Kingdom

"The new GM line has been the most effective tool that I have used in my practice. With regard to full-arch reconstruction and for immediate loading."

GRAND SIMPLICITY

EASE OF USE AT ITS BEST

Implant therapy has become an integral part of clinical dentistry, with ever increasing numbers of patients seeking such treatment. The Neodent® Grand Morse® Implant System is smartly engineered providing efficiency and simplicity within the dental treatment network for both surgical to restoratives steps.

ONE PROSTHETIC PLATFORM

All Neodent® Grand Morse® implants feature the unique Grand Morse® connection regardless of the implant diameter.

ONE SCREWDRIVER

The Neo Screwdriver has a star attachment offering reliability and durability compatible with all Neodent® Grand Morse® healing abutments and cover screws and most of the restorative screws.

ONE IMPLANT DRIVER

The Neodent® implant driver allows an easy and reliable implant pick up and placement.

ONE SURGICAL KIT

Intuitive and functional compact surgical kit, that allows the place of Helix GM® implants in all bone types.

DR MICHELE ANTONIO LOPEZ, from Italy

"Helix GM Implant give me many solutions, because it's a very easy implant system, one only platform, an universal implant very stable and full of solutions from a prosthetic point of view."

GRAND STABILITY

STABLE AND STRONG FOUNDATION DESIGNED FOR LONG TERM SUCCESS

The increasing expectations for shortened treatment duration represent a significant challenge for dental professionals. The Neodent® Grand Morse® system offers a unique implant design featuring the innovative Acqua hydrophilic surface designed to maximize primary stability and predictability in immediate protocols.

HELIX® - OPTIMAL IMPLANT DESIGNED TO ACHIEVE HIGH PRIMARY STABILITY

Helix® Grand Morse® is an innovative hybrid implant design maximizing treatment options and efficiency in all bone types.

Fully tapered body design

- Coronal: 2° - 12°
- Apex: 16°

» **Allowing under-osteotomy**

Hybrid contour

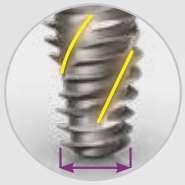
- Coronal: Cylindrical
- Apex: Conical

» **For stability with vertical placement flexibility**

Active apex

- Soft rounded small tip
- Helical flutes

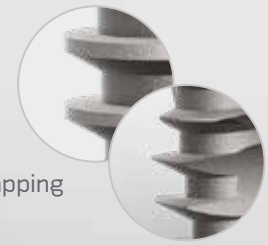
» **Enabling immediate loading**



Dynamic progressive thread design

- Coronal: Trapezoidal > compressing
- Apex: V-Shape > Self-tapping

» **Achieving high primary stability in all bone types**



Acqua hydrophilic surface

Designed for high treatment predictability

acqua

Titamax®

Vertical placement flexibility. Bone types I & II.

Drive®

High primary stability in challenging bone types. Bone types III & IV.

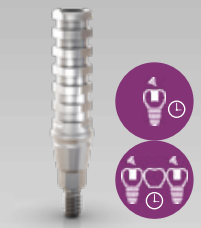
GRAND ESTHETICS

DELIVER IMMEDIATE NATURAL ESTHETICS

DR PAULO CARVALHO, from Portugal

"On the prosthetic part, the emergence profiles of the abutments, and everything that happens from the connection above, works and makes success in the long term."

Nowadays, patients expect both short treatment times and esthetic results. The Neodent® Grand Morse® restorative portfolio offers flexibility to simplify soft tissue management respecting the biological distances for achieving immediate function and esthetics.


Titanium Temporary Abutment


Pro-Peek Abutment


Titanium Base


Titanium Base C


Titanium Base for Bridge


Titanium Block (AG or Medentika Holder)


CoCr Abutment


Anatomic Abutment (straight and angled)


Universal Abutment (straight and angled)


Abutment


Angled Mini Conical Abutment


Attachment TiN* for Removable Prostheses (straight and angled)


Titanium Base AS


Straight Mini Conical Abutment


Micro Abutment

Single-unit screw-retained prosthesis

Single-unit cement-retained prosthesis

Overdenture

Multiple-unit screw-retained prosthesis

Multiple-unit cement-retained prosthesis

Temporary

Neodent® Grand Morse Implant Packaging

Neodent® implant packaging has been updated to a concept that provides convenience and safety through all steps of the procedure, from storage to the placement of the implant.
The new packaging aids in identification of both the implant model as well as its diameter and length, regardless of its storage position.

Package instruction of use

1. After breaking the sterility seal on the blister, hold the primary package (vial) and twist the lid to open it.

2. To remove the implant from the vial lift the cap up, which has the stand and implant attached to it.

3. To secure the implant, grip both sides of the implant carrier.

4. While gripping the implant carrirer, remove the lid.

5. To capture the implant with the contra-angle handpiece attachment, grip the implant carrier while placing the attachment into the implant chamber.

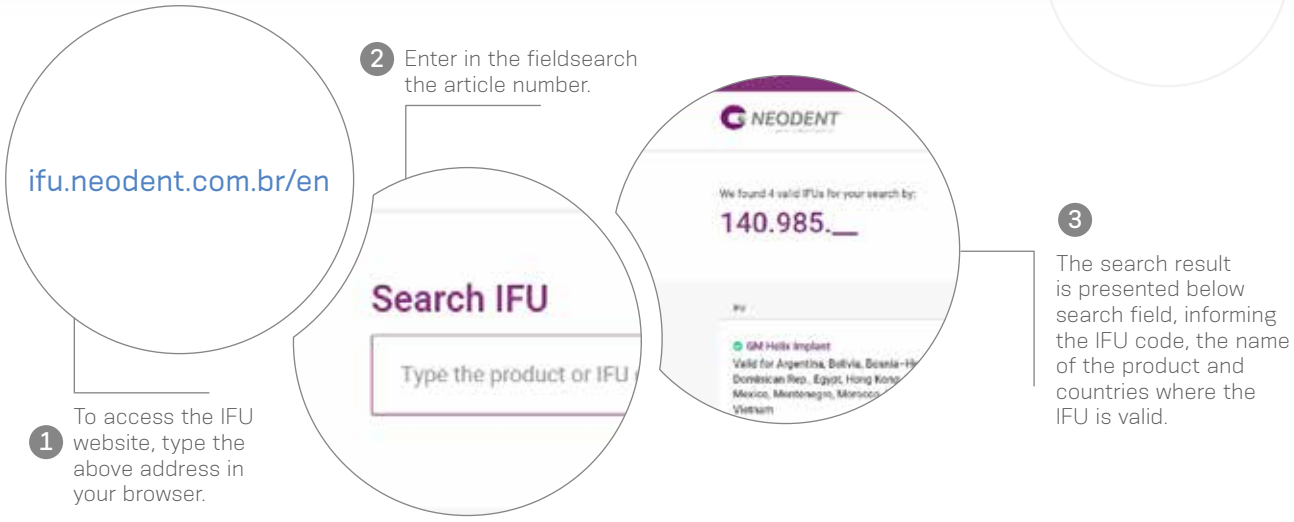
6. The implant can now be transported to the surgical site.

e-IFU – Electronic Instructions For Use

Neodent® innovates once more, providing an on-line platform designed to provide quick and practical use of its own products instructions: the e-IFU (Instructions For Use) website.

To facilitate access, have the article number, which can be found on the external packaging of the product, in this catalogue or with your local distributor. Once the article number is entered in the website, the professional will have access to relevant information to this product, such as description, indication for use, contraindications, handling, traceability and other features.

Access: ifu.neodent.com.br/en



1 To access the IFU website, type the above address in your browser.

2 Enter in the fieldsearch the article number.

3 The search result is presented below search field, informing the IFU code, the name of the product and countries where the IFU is valid.

4 Click the "download" button to open the file.

5 The IFU will automatically open in a new window. In case yor want to download it, click the save as icon to download in your browser.

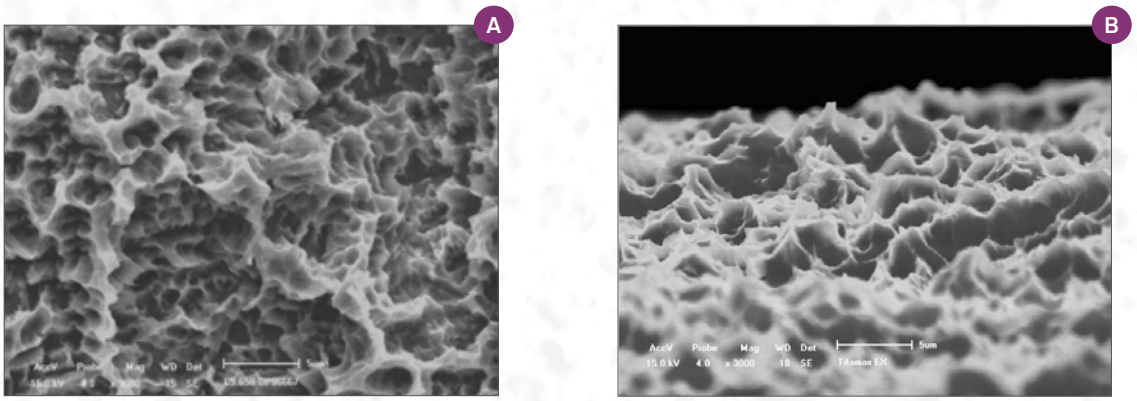
NeoPoros

Constant evolution and safety guarantee.

Based on the abrasive sandblasting concept followed by acid etching, the **NeoPoros** surface promotes, by using controlled grain oxides, cavities on the implant surface that then are uniformed with the acid etching technique.

The whole process of obtaining this surface is guaranteed due to automated time, speed, pressure and particle size control.

Several scientific studies continue to be performed so that the **NeoPoros** surface may be always evolving and promoting much more reliability for you.



Controlled roughness on all implant surface. Scanning electron microscopy (A) shows macro (15-30µm) and (B) microtopography (0,3-1,3µm).

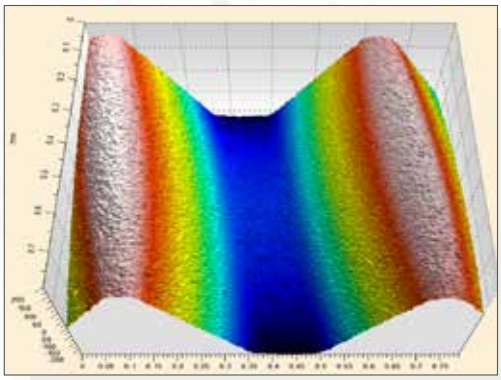


Image taken by confocal microscopy.
Roughness and Microtopography.
(Sa = 0,3 – 1,3 µm; Sz = 6,0 - 15,5 µm).

DR ANA TADORIC, from Serbia

"I like the immediacy and I like the immediate loading. That is something that our patients are demanding in everyday practice more and more. So this is perfect for me."

acqua®

Acqua Hydrophilic Surface designed for high treatment predictability.

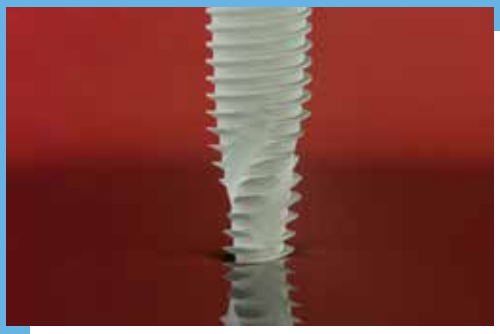
The Neodent® Acqua hydrophilic surface is the next level of the highly successful S.L.A. (sandblasted, large grit, acid-etched) type of surface developed to achieve successful outcomes even in challenging situations, such as soft bone or immediate protocols.[1-4]

Hydrophilicity

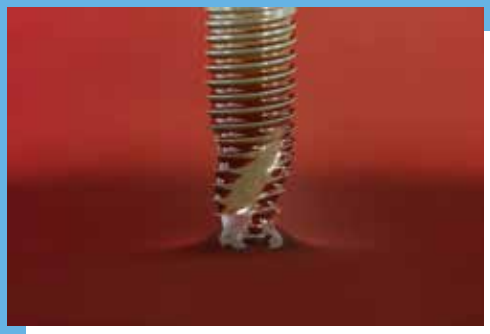
The hydrophilic surface presents a smaller contact angle when in contact with hydrophilic liquids. This provides greater accessibility of organic fluids to Acqua implant surface.[2]

Surface comparison

Lab generated images.



NeoPoros surface.



Acqua Hydrophilic Surface.

DR GERT SAUER, from South Africa

"The design of Neodent® GM Helix Acqua allows for immediate loading for all cases with predictable results. That is the main reason why I'm using Neodent®; even in cases with poor bone quality we can achieve primary stability. This results in predictable solutions for all of our patients."

Helix **GM®**

PRODUCT FEATURES:

Implants Description:

- Full dual tapered implant;
- Hybrid contour with a cylindrical coronal part and conical on the apical area;
- Active apex including a soft rounded small tip and helicoidal flutes;
- Dynamic progressive thread design: from compressing trapezoidal threads on the coronal area to self-tapping V-shape threads on the apical part;
- Double threaded implant;
- Grand Morse® connection.

Indications:

- Indicated for all types of bone density and implant immediate placement post extraction.

Drilling features:

- Contour drill is required in bone types I and II;
- Final pilot drills are highly recommended in bone types I and II;
- Implant should be positioned 1 or 2 mm below bone level;
- Drilling speed: 800-1200 rpm for bone type I and II;
- Drilling speed: 500-800 rpm for bone type III and IV;
- Implant insertion speed: 30 rpm;
- Maximum torque for implant placement: 60 N.cm.

Available with:

NeoPoros or acqua

Drill Sequence

	Initial	Ø 2.0	Ø 3.5	Ø 3.5+	Ø 3.5	Ø 3.75	Ø 3.75+	Ø 3.75	Ø 4.0	Ø 4.0+	Ø 4.0	Ø 4.3	Ø 4.3+	Ø 4.3	Ø 5.0	Ø 5.0+	Ø 5.0	Ø 6.0	Ø 7.0
	103.170	103.425	103.561	103.578	103.513	103.564	103.579	103.514	103.567	103.580	103.515	103.570	103.581	103.516	103.573	103.582	103.517	103.576	103.577
Ø 3.5	✓ *	✓		✓	✓														
Ø 3.75	✓ *	✓	✓				✓	✓											
Ø 4.0	✓ *	✓	✓			✓				✓	✓								
Ø 4.3	✓ *	✓	✓			✓			✓				✓	✓					
Ø 5.0	✓ *	✓	✓			✓			✓ *			✓				✓	✓		

*Optional / Bone types I and II

Ø 3.5	✓ *	✓	✓																
Ø 3.75	✓ *	✓	✓			✓ *													
Ø 4.0	✓ *	✓	✓						✓ *										
Ø 4.3	✓ *	✓	✓			✓						✓ *							
Ø 5.0	✓ *	✓	✓									✓			✓ *				
Ø 6.0	✓ *	✓	✓			✓						✓			✓			✓	
Ø 7.0	✓ *	✓	✓									✓			✓			✓	✓ *

*Optional / Bone types III and IV

Drill Sequence with Neodent® Control System

	Initial	Ø 2.0	Ø 3.5	Ø 3.5+	Ø 3.5	Ø 3.75	Ø 3.75+	Ø 3.75	Ø 4.0	Ø 4.0+	Ø 4.0	Ø 4.3	Ø 4.3+	Ø 4.3	Ø 5.0	Ø 5.0+	Ø 5.0	Ø 6.0	Ø 7.0
	103.170	103.492	103.493	103.500	103.513	103.494	103.501	103.514	103.495	103.502	103.515	103.496	103.503	103.516	103.497	103.504	103.517	103.498	103.499
Ø 3.5	✓ *	✓		✓	✓														
Ø 3.75	✓ *	✓	✓				✓	✓											
Ø 4.0	✓ *	✓	✓			✓				✓	✓								
Ø 4.3	✓ *	✓	✓			✓			✓				✓	✓					
Ø 5.0	✓ *	✓	✓			✓			✓ *			✓				✓	✓		

*Optional / Bone types I and II

Ø 3.5	✓ *	✓	✓																
Ø 3.75	✓ *	✓	✓			✓ *													
Ø 4.0	✓ *	✓	✓						✓ *										
Ø 4.3	✓ *	✓	✓			✓						✓ *							
Ø 5.0	✓ *	✓	✓									✓			✓ *				
Ø 6.0	✓ *	✓	✓			✓						✓			✓			✓	
Ø 7.0	✓ *	✓	✓									✓			✓			✓	✓ *

*Optional / Bone types III and IV

Helix **GM®** Implants

Ø 3.5	Acqua	NeoPoros
8.0	140.943	109.943
10.0	140.944	109.944
11.5	140.945	109.945
13.0	140.946	109.946
16.0	140.947	109.947
18.0	140.988	109.988

Ø 3.75	Acqua	NeoPoros
8.0	140.976	109.976
10.0	140.977	109.977
11.5	140.978	109.978
13.0	140.979	109.979
16.0	140.980	109.980
18.0	140.981	109.981

Ø 4.0	Acqua	NeoPoros
8.0	140.982	109.982
10.0	140.983	109.983
11.5	140.984	109.984
13.0	140.985	109.985
16.0	140.986	109.986
18.0	140.987	109.987

Ø 4.3	Acqua	NeoPoros
8.0	140.948	109.948
10.0	140.949	109.949
11.5	140.950	109.950
13.0	140.951	109.951
16.0	140.952	109.952
18.0	140.989	109.989

Ø 5.0	Acqua	NeoPoros
8.0	140.953	109.953
10.0	140.954	109.954
11.5	140.955	109.955
13.0	140.956	109.956
16.0	140.957	109.957
18.0	140.990	109.990

Ø 6.0	Acqua	NeoPoros
8.0	140.1009	109.1009
10.0	140.1010	109.1010
11.5	140.1011	109.1011
13.0	140.1012	109.1012

Ø 7.0	Acqua	NeoPoros
8.0	140.1059	109.1059
10.0	140.1060	109.1060
11.5	140.1061	109.1061
13.0	140.1062	109.1062

GM Cover Screw

0 mm	2 mm
117.021	117.022

:: Use the manual Neo Screwdriver (104.060);
:: Do not exceed the insertion torque of 10 N.cm.

GM Healing Abutment

	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm
Ø 3.3	106.207	106.208	106.209	106.210	106.211	106.212
Ø 4.5	106.213	106.214	106.215	106.216	106.217	106.218
Ø 5.5		106.250	106.251	106.252	106.253	
Ø 6.5		106.254	106.255	106.256	106.257	

:: Use the manual Neo Screwdriver (104.060); :: Do not exceed the insertion torque of 10 N.cm.

GM Customizable Healing Abutment

	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm	6.5 mm
Ø 5.5	106.223	106.224	106.225	106.226	106.227	
Ø 7.0		106.228	106.229	106.230	106.231	106.232

:: Use the manual Neo Screwdriver (104.060);
:: Do not exceed the insertion torque of 10 N.cm.

Check it out on the eShop, go to: neodent.com/shopnow

Drive **GM®**

PRODUCT FEATURES:

Implants Description:

- Tapered implant;
- Square shape threads;
- Double threaded implant;
- Reverse cutting chambers distributed across the implant body;
- Rounded apex with a sharp edge;
- Grand Morse® connection.

Indications:

- Indicated for bone types III and IV and implant immediate placement post-extraction;

Drilling features:

- Final pilot drill is optional in bone types III and IV;
- Implant should be positioned 1 or 2 mm below bone level;
- Drilling speed: 500-800 rpm;
- Implant insertion speed: 30 rpm;
- Maximum torque for implant placement: 60 N.cm.

NeoPoros or acqua®

Drill Sequence

	Initial	Ø 2.0	Ø 3.5	Ø 3.5	Ø 4.3	Ø 4.3	Ø 5.0	Ø 5.0
	103.170	103.425	103.561	103.513	103.570	103.516	103.573	103.517
Ø 3.5 mm	✓	✓	✓	✓ *				
Ø 4.3 mm	✓	✓	✓		✓	✓ *		
Ø 5.0 mm	✓	✓	✓		✓		✓	✓ *

*Optional / Bone types III and IV

Drive **GM®** Implants

		8.0 mm	10.0 mm	11.5 mm	13.0 mm	16.0 mm	18.0 mm
Ø 3.5	Acqua	140.958	140.959	140.960	140.961	140.962	140.963
	NeoPoros	109.958	109.959	109.960	109.961	109.962	109.963
Ø 4.3	Acqua	140.964	140.965	140.966	140.967	140.968	140.969
	NeoPoros	109.964	109.965	109.966	109.967	109.968	109.969
Ø 5.0	Acqua	140.970	140.971	140.972	140.973	140.974	140.975
	NeoPoros	109.970	109.971	109.972	109.973	109.974	109.975

GM Cover Screw

0 mm	2 mm
117.021	117.022

:: Use the manual Neo Screwdriver (104.060);
:: Do not exceed the insertion torque of 10 N.cm.

GM Healing Abutment

	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm
Ø 3.3	106.207	106.208	106.209	106.210	106.211	106.212
Ø 4.5	106.213	106.214	106.215	106.216	106.217	106.218
Ø 5.5		106.250	106.251	106.252	106.253	
Ø 6.5		106.254	106.255	106.256	106.257	

:: Use the manual Neo Screwdriver (104.060);
:: Do not exceed the insertion torque of 10 N.cm.

GM Customizable Healing Abutments

Profile	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm	6.5 mm
Ø 5.5	106.223	106.224	106.225	106.226	106.227	
Ø 7.0		106.228	106.229	106.230	106.231	106.232

Check it out on the eShop, go to: neodent.com/shopnow

Titamax **GM®**

PRODUCT FEATURES:

Implants Description:

- Cylindrical implant (parallel walls);
- V-shape threads;
- Double threaded implant;
- Self tapping apex;
- Grand Morse® connection.

Indications:

- Indicated for bone types I and II or grafted areas such as bone block.

Drilling features:

- Final pilot drill is highly recommended in bone types I and II;
- Implant should be positioned 1 or 2 mm below bone level;
- Self tapping implant which doesn't require the use of bone tap or contour drill;
- Drilling speed: 800-1200 rpm;
- Implant insertion speed: 30 rpm;
- Maximum torque for implant placement: 60 N.cm.

Available with:

NeoPoros or acqua®

Drill Sequence

	Initial	Ø 2.0	Ø 2/3	Ø 2.8	Ø 3.0	Ø 3.5	Ø 3.3	Ø 3.75	Ø 4.0	Ø 3.8	Ø 4.3	Ø 5.0
	103.170	103.162	103.213	103.163	103.164	103.513	103.166	103.514	103.515	103.167	103.168	103.517
Ø 3.5 mm	✓	✓		✓		✓						
Ø 3.75 mm	✓	✓	✓		✓			✓				
Ø 4.0 mm	✓	✓	✓		✓		✓		✓			
Ø 5.0 mm	✓	✓	✓		✓			✓		✓	✓	✓

Bone types I and II

Titamax **GM®** Implants

		7.0 mm	8.0 mm	9.0 mm	11.0 mm	13.0 mm	15.0 mm	17.0 mm
Ø 3.5	Acqua	140.906	140.907	140.908	140.909	140.910	140.911	140.912
	NeoPoros	109.906	109.907	109.908	109.909	109.910	109.911	109.912
Ø 3.75	Acqua	140.899	140.900	140.901	140.902	140.903	140.904	140.905
	NeoPoros	109.899	109.900	109.901	109.902	109.903	109.904	109.905
Ø 4.0	Acqua	140.913	140.914	140.915	140.916	140.917	140.918	140.919
	NeoPoros	109.913	109.914	109.915	109.916	109.917	109.918	109.919
Ø 5.0	Acqua	140.920	140.921	140.922	140.923	140.924		
	NeoPoros	109.920	109.921	109.922	109.923	109.924		

GM Cover Screw

0 mm	2 mm
117.021	117.022

:: Use the manual Neo Screwdriver (104.060);
:: Do not exceed the insertion torque of 10 N.cm.

GM Healing Abutment

	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm
Ø 3.3	106.207	106.208	106.209	106.210	106.211	106.212
Ø 4.5	106.213	106.214	106.215	106.216	106.217	106.218
Ø 5.5		106.250	106.251	106.252	106.253	
Ø 6.5		106.254	106.255	106.256	106.257	

:: Use the manual Neo Screwdriver (104.060);
:: Do not exceed the insertion torque of 10 N.cm.

GM Customizable Healing Abutments

Profile	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm	6.5 mm
Ø 5.5	106.223	106.224	106.225	106.226	106.227	
Ø 7.0		106.228	106.229	106.230	106.231	106.232

Check it out on the eShop, go to: neodent.com/shopnow

GM Mini Conical Abutment

Multiple-unit screw-retained prosthesis

Ø 4.8 mm

Check it out on the eShop, go to: neodent.com/shopnow

Consider in addition 1.5 - 2.0 mm for the restorative material;

Minimum interocclusal space of 4.5 mm from the mucosa level for straight abutments;

Installation Sequence

1 — 32 N.cm — GM Mini Conical Abutment

0.8 mm	1.5 mm	2.5 mm
115.243	115.244	115.245
3.5 mm	4.5 mm	5.5 mm
115.246	115.247	115.248

or

2 — 20 N.cm — GM Exact Mini Conical Abutment 17°/30°

	1.5 mm	2.5 mm	3.5 mm
17°	115.275	115.276	115.277
30°	115.278	115.279	115.280

Intraoral

Mini Conical Abutment Scanbody
3
108.218

Mini Conical Abutment Hybrid Repositionable Analog
101.092

Neo Mini Conical Abutment One Step Hybrid Coping
2 — 10 N.cm
118.382 Regular
118.410 Long

Model Scanning

Slim Mini Conical Abutment Open Tray Impression Coping
3
108.176

Mini Conical Abutment Hybrid Repositionable Analog
101.092

Mini Conical Abutment Scanbody
3
108.218

Neo Mini Conical Abutment One Step Hybrid Coping
2 — 10 N.cm
118.382 Regular
118.410 Long

Conventional

Slim Mini Conical Abutment Open Tray Impression Coping
3
108.176

Neo Mini Conical Abutment Titanium Coping
2 — 10 N.cm
118.302

or

Neo Mini Conical Abutment Protection Cylinder
3
106.268 Regular
106.278 Wide

Mini Conical Abutment Analog
101.092 Hybrid Repositionable (conventional/digital)
101.020 Conventional

Neo Mini Conical Abutment CoCr Coping
2 — 10 N.cm
118.303

or

Neo Mini Conical Abutment Burn-out Coping
2 — 10 N.cm
118.301

Drivers

1 — Hexagonal Prosthetic Driver + Torque Wrench

2 — Neo Screwdriver Torque Connection + Torque Wrench

3 — Neo Screwdriver Torque Connection + Manual Screwdriver Torque

Accessories

Replacement Abutment Screw
116.291 Neo GM Screw - for abutments with 1.5-2.5 GH
116.292 Neo GM Screw (Long) - for abutments with 3.5 GH

Sealing pin mini conical abutment one step hyb cop (5 un.)
118.411

Mini Conical Abutment Polishing Protector
123.008

Replacement Coping Screw
116.269 Titanium
116.270 Neotorque*

*Application of a film carbon-based coat that provides a lower friction coefficient, resulting in increased pre-load.

GM Abutment

Single-unit screw-retained prosthesis

Ø 4.8 mm

Recommended for posterior region.

Check it out on the eShop, go to: neodent.com/shopnow

Consider in addition 1.5 - 2.0 mm for the restorative material;

Minimum interocclusal space of 4.9 mm from the mucosa level;

With internal threads for a secure engagement of the screw;

Exact;

Neo Removable Screw;

Installation Sequence

0.8 mm	1.5 mm	2.5 mm
115.269	115.270	115.271
3.5 mm	4.5 mm	
115.272	115.273	

GM Exact Abutment with Neo Removable Screw

20 N.cm (1)

Intraoral

Abutment Scanbody (2)

108.220

GM Abutment Hybrid Repositionable Analog

101.101

GM Abutment Coping for Crown - Digital Workflow

10 N.cm (1)

118.362

Model Scanning

GM Abutment Impression Coping Closed Tray (2)

108.179

GM Abutment Hybrid Repositionable Analog

101.101

Abutment Scanbody (2)

108.220

GM Abutment Coping for Crown - Digital Workflow

10 N.cm (1)

118.362

Conventional

GM Abutment Impression Coping Closed Tray (2)

108.179

or

Neo Abutment Titanium Coping

10 N.cm (1)

118.300

Neo Abutment Protection Cylinder (2)

106.221

Abutment Analog

101.101

Hybrid Repositionable (conventional/digital)

or

Neo Abutment CoCr Coping

10 N.cm (1)

118.299

Neo Abutment Burn-out Coping

10 N.cm (1)

118.298

Drivers

(1) Neo Screwdriver Torque Connection + Torque Wrench

(2) Neo Screwdriver Torque Connection + Manual Screwdriver Torque

Accessories

Replacement Abutment Screw

116.290 Neo GM Screw (Short) - for abutment with 0.8 GH

116.291 Neo GM Screw - for abutments with 1.5-2.5 GH

116.292 Neo GM Screw (Long) - for abutments with 3.5-5.5 GH

Replacement Coping Screw

116.266 Titanium

116.267 Neotorque*

*Application of a film carbon-based coat that provides a lower friction coefficient, resulting in increased pre-load.

GM Micro Abutment

Single-unit screw-retained prosthesis

Multiple-unit screw-retained prosthesis

Ø 3.5 mm

Recommended for limited spaces and narrow inter-dental spaces.

Check it out on the eShop, go to: neodent.com/shopnow

Consider in addition 1.5 - 2.0 mm for the restorative material;

Minimum interocclusal space of 3.5 mm from the mucosa level.

Installation Sequence

0.8 mm	1.5 mm	2.5 mm
115.255	115.256	115.257
3.5 mm	4.5 mm	5.5 mm
115.258	115.259	115.260

GM Micro Abutment — 32 N.cm (1)

Intraoral

Micro Abutment Scanbody (3) 108.219

Micro Abutment Hybrid Repositionable Analog 101.091

or

Neo Micro Conical Abutment One Step Hybrid Coping — 10 N.cm (2) — 118.381

GM Micro Abutment Coping for Crown Digital Workflow — 10 N.cm (2) — 118.363

Model Scanning

Micro Abutment Impression Coping Closed Tray for single-unit prosthesis Open Tray Slim for multiple-unit prosthesis — 108.182 — 108.178 (3)

Micro Abutment Hybrid Repositionable Analog 101.091

Micro Abutment Scanbody (3) 108.219

or

Neo Micro Conical Abutment One Step Hybrid Coping — 10 N.cm (2) — 118.381

GM Micro Abutment Coping for Crown Digital Workflow — 10 N.cm (2) — 118.363

Conventional

Micro Abutment Impression Coping Closed Tray for single-unit prosthesis Open Tray Slim for multiple-unit prosthesis — 108.182 — 108.178 (3)

or

Neo Micro Abutment Titanium Coping — 10 N.cm (2)
Bridge 118.297
Crown 118.317

Neo Micro Abutment Protection Cylinder (3) 106.267

Micro Abutment Analog 101.091 Hybrid Repositionable (conventional/digital)

or

Neo Micro Abutment CoCr Coping — 10 N.cm (2)
Bridge 118.296
Crown 118.316

Neo Micro Abutment Burn-out Coping — 10 N.cm (2)
118.295 Bridge
118.315 Crown

Drivers

1. Hexagonal Prosthetic Driver + Torque Wrench
2. Neo Screwdriver Torque Connection + Torque Wrench
3. Neo Screwdriver Torque Connection + Manual Screwdriver Torque

Accessories

Micro Abutment Polishing Protector
123.015 Bridge

Replacement Coping Screw
116.269 Titanium
116.270 Neotorque*

*Application of a film carbon-based coat that provides a lower friction coefficient, resulting in increased pre-load.

GM Titanium Base

Single-unit screw-retained prosthesis

Single-unit cement-retained prosthesis

Ø 3.5/4.5/ 5.5/6.5 mm

Check it out on the eShop, go to: neodent.com/shopnow

Customizable up to 4 mm high;

Cementable area: 6.0 or 4.0 mm;

With internal threads for a secure engagement of the screw

Exact;

Neo Removable screw;

Installation Sequence

Intraoral

GM Implant Intraoral Scanbody (2) 108.207

GM Implant Analog

Ø 3.5/3.75	Ø 4.0/4.3	Ø 5.0/6.0
101.103	101.089	101.090

Hybrid Repositionable (conventional/digital)

Model Scanning

GM Implant Exact Impression Coping Closed and Open Tray (2)

Regular	108.160	108.162
Long	108.161	108.163

GM Implant Analog

Ø 3.5/3.75	Ø 4.0/4.3	Ø 5.0/6.0	
101.103	101.089	101.090	Hybrid Repositionable (conventional/digital)

GM Implant Intraoral Scanbody (2) 108.207

Conventional

GM Implant Exact Impression Coping Closed and Open Tray (2)

Regular	108.160	108.162
Long	108.161	108.163

GM Implant Analog

Ø 3.5/3.75	Ø 4.0/4.3	Ø 5.0/6.0	
101.103	101.089	101.090	Hybrid Repositionable (conventional/digital)

GM Exact Titanium Base with Removable Screw 4mm

	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm
Ø 3.5	135.355	135.356	135.357	135.358	135.359
Ø 4.5	135.367	135.368	135.369	135.370	135.371
Ø 5.5	135.379	135.380	135.381	135.382	135.383
Ø 6.5		135.391	135.392	135.393	135.394

20 N.cm (1)

GM Exact Titanium Base with Removable Screw 6mm

	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm
Ø 3.5	135.361	135.362	135.363	135.364	135.365
Ø 4.5	135.373	135.374	135.375	135.376	135.377
Ø 5.5	135.385	135.386	135.387	135.388	135.389
Ø 6.5		135.395	135.396	135.397	135.398

20 N.cm (1)

GM Titanium Base Burn-out Coping

Ø 3.5	Ø 4.5	Ø 5.5	
118.322	118.325	118.329	4.0 mm
118.323	118.327	118.342	6.0 mm

GM Exact Titanium Base with Removable Screw 4mm

	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm
Ø 3.5	135.355	135.356	135.357	135.358	135.359
Ø 4.5	135.367	135.368	135.369	135.370	135.371
Ø 5.5	135.379	135.380	135.381	135.382	135.383
Ø 6.5		135.391	135.392	135.393	135.394

20 N.cm (1)

GM Exact Titanium Base with Removable Screw 6mm

	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm
Ø 3.5	135.361	135.362	135.363	135.364	135.365
Ø 4.5	135.373	135.374	135.375	135.376	135.377
Ø 5.5	135.385	135.386	135.387	135.388	135.389
Ø 6.5		135.395	135.396	135.397	135.398

20 N.cm (1)

Drivers

(1) Neo Screwdriver Torque Connection + Torque Wrench

(2) Neo Screwdriver Torque Connection + Manual Screwdriver Torque

Accessories

Replacement Abutment Screw

116.292 Neo GM Screw (Long)

GM Titanium Base Angled Solution (AS)

Single-unit screw-retained prosthesis

Single-unit cement-retained prosthesis

Ø 4.0/4.5/ 5.5 mm

With removable screw.

Check it out on the eShop, go to: neodent.com/shopnow

Installation Sequence

Intraoral

GM Implant Intraoral Scanbody
2
108.207

GM Implant Analog

Ø 3.5/3.75	Ø 4.0/4.3	Ø 5.0/6.0
101.103	101.089	101.090

Hybrid Repositionable (conventional/digital)

Model Scanning

GM Implant Exact Impression Coping Closed and Open Tray 2

Regular	108.160	108.162
Long	108.161	108.163

GM Implant Analog

Ø 3.5/3.75	Ø 4.0/4.3	Ø 5.0/6.0
101.103	101.089	101.090

Hybrid Repositionable (conventional/digital)

GM Implant Intraoral Scanbody
2
108.207

GM Titanium Base Angled Solution (AS) 4mm

	0.8 mm	1.5 mm	2.5 mm
Ø 4.0	135.327	135.328	135.329
Ø 4.5	135.333	135.334	135.335
Ø 5.5	135.339	135.340	135.341

20 N.cm 1

or

GM Titanium Base Angled Solution (AS) 6mm

	0.8 mm	1.5 mm	2.5 mm
Ø 4.0	135.330	135.331	135.332
Ø 4.5	135.336	135.337	135.338
Ø 5.5	135.342	135.343	135.344

20 N.cm 1

Drivers

1

Angled Solution Screwdriver for Torque Wrench

105.150	Short
105.151	Regular
105.152	Long

\+

Torque Wrench

or

Angled Solution Screwdriver for Contra-angle

105.147	Short
105.148	Regular
105.149	Long

\+

Contra-angle

2

Neo Screwdriver Torque Connection

\+

Manual Screwdriver Torque

Accessories

Replacement Sterile Screw

116.288 Screw for GM Titanium Base AS

GM Titanium Base for Bridge

Multiple-unit screw-retained prosthesis

Ø 3.5/4.5/ 5.5 mm

Check it out on the eShop, go to: neodent.com/shopnow

Cementable area:
4.0 mm for Ø 3.5
4.5 mm for Ø 4.5 and Ø 5.5.

With internal threads for a secure engagement of the screw;

Neo Removable Screw.

Intraoral

GM Implant Intraoral Scanbody 2
108.207

GM Implant Analog

Ø 3.5/3.75	Ø 4.0/4.3	Ø 5.0/6.0
101.103	101.089	101.090

Hybrid Repositionable (conventional/digital)

Model Scanning

GM Implant Impression Coping Closed and Open Tray 2

Regular	108.160	108.158
Long	108.161	108.159

GM Implant Analog

Ø 3.5/3.75	Ø 4.0/4.3	Ø 5.0/6.0
101.103	101.089	101.090

Hybrid Repositionable (conventional/digital)

GM Implant Intraoral Scanbody 2
108.207

GM Titanium Base for Bridge

	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm
Ø 3.5	135.399	135.400	135.401	135.402	135.403
Ø 4.5	135.404	135.405	135.406	135.407	135.408
Ø 5.5	135.409	135.410	135.411	135.412	135.413

Drivers

1  Neo Screwdriver Torque Connection +  Torque Wrench

2  Neo Screwdriver Torque Connection +  Manual Screwdriver Torque

Accessories

Replacement Abutment Screw
116.292 Neo GM Screw (Long)

Titanium Base C for GM

Single-unit screw-retained prosthesis

Single-unit cement-retained prosthesis

Ø 4.65 mm

Check it out on the eShop, go to: neodent.com/shopnow

Cementable area: 4.7 mm;

With internal threads for a secure engagement of the screw;

Exact;

Neo Removable Screw.

Installation Sequence

Titanium Base C for GM Exact with Neo Removable Screw

	0.8 mm	1.5 mm	2.5 mm
Ø 4.65	135.349	135.350	135.351
	3.5 mm	4.5 mm	5.5 mm
Ø 4.65	135.352	135.353	135.354

→ Intraoral Scanning with scanbodies provided by Dentsply Sirona → Finalized Prosthesis

Workflow

Step 1

Gingiva height selection and ordering.

Select the Titanium Base C for GM Exact gingival height. →

Order the Titanium Base C for GM Exact.

Please note that the scanbody has to be purchased directy from equipment manufacturer.

Step 2

Intra-oral scanning.

Insert the Titanium Base for C in the Neodent implant. In this step the Scanbase for C can be used as alternate for scanning.

GM Scanbase for C

GH	0.8	1.5	2.5
	108.228	108.229	108.230
	3.5	4.5	5.5
	108.231	108.232	108.233

→

Insert Scanbody on the Titanium Base or Scanbase for C.

Step 3

Design and milling.

Select in the CAD software the comparable third-party Ti-base and perform the digital design. When using the Scanbase for C always refer to the same GH as the Titanium Base for C. →

Mill the digital design.

Step 4

Finalization and fixation.

- Check the fit of milled restoration in the patient's mouth and adapt it, if needed.
- Cement the restoration on the Titanium Base C for GM Exact and insert it into the patient's mouth.

CEREC digital library compatibility

Library	Sirona's Products				Compatible with implant System	
Ti-base	Scanbody	REF Scanbody Omnicam	REF Scanbody Bluecam / Ineos	Griding block	Implant manufacturer	Implant system
NBB 3.4 L	L	6431329	6431303	inCoris ZI meso L	Neodent®	GM, CM, HE, IIPluss
NB A 4.5 L						
SSO 3.5 L						
S BL 3.3 L						
S BL 4.1 L						
BO 3.4 L						

Drivers

1 

Neo Screwdriver Torque Connection +

Torque Wrench

Accessories

Replacement Abutment Screw

116.292 Neo GM Screw (Long)

GM Universal Abutment

Single-unit cement-retained prosthesis

Ø 3.3/4.5 mm

Check it out on the eShop, go to: neodent.com/shopnow

Cementable area: 4.0 or 6.0 mm;

Click retention for provisional copings;

With internal threads for a secure engagement of the screw;

Exact;

Neo Removalble Screw.

Installation Sequence

GM Exact Click Universal Abutment with Removable Screw

20 N.cm 1

		0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm
4 mm	Ø 3.3	114.826	114.827	114.828	114.829	114.830	114.831
	Ø 4.5	114.838	114.839	114.840	114.841	114.842	114.843
6 mm	Ø 3.3	114.832	114.833	114.834	114.835	114.836	114.837
	Ø 4.5	114.844	114.845	114.846	114.847	114.848	114.849

or

GM Exact Click Universal Abutment 17º with Removable Screw

20 N.cm 1

		1.5 mm	2.5 mm	3.5 mm
4 mm	Ø 3.3	114.802	114.803	114.804
	Ø 4.5	114.808	114.809	114.810
6 mm	Ø 3.3	114.805	114.806	114.807
	Ø 4.5	114.811	114.812	114.813

or

GM Exact Click Universal Abutment 30º with Removable Screw

20 N.cm 1

		1.5 mm	2.5 mm	3.5 mm
4 mm	Ø 3.3	114.814	114.815	114.816
	Ø 4.5	114.820	114.821	114.822
6 mm	Ø 3.3	114.817	114.818	114.819
	Ø 4.5	114.823	114.824	114.825

Intraoral

Universal Abutment Intraoral Scanbody

4 mm	Ø 3.3	108.143	6 mm	Ø 3.3	108.144
	Ø 4.5	108.145		Ø 4.5	108.146

Universal abutment Hybrid Repositionable analog

4 mm	Ø 3.3	101.097	6 mm	Ø 3.3	101.098
	Ø 4.5	101.099		Ø 4.5	101.100

Milled crown

Conventional

Click Universal Abutment Impression Coping

4 mm	Ø 3.3	108.172	6 mm	Ø 3.3	108.173
	Ø 4.5	108.174		Ø 4.5	108.175

Click Universal Abutment Provisional Coping

4 mm	Ø 3.3	118.304	6 mm	Ø 3.3	118.305
	Ø 4.5	118.306		Ø 4.5	118.307

Universal Abutment Analog

4 mm	Ø 3.3	101.097	6 mm	Ø 3.3	101.098
	Ø 4.5	101.099		Ø 4.5	101.100

Hybrid Repositionable (conventional/digital)

Universal Abutment Burn-out Coping

4 mm	Ø 3.3	118.181	6 mm	Ø 3.3	118.182
	Ø 4.5	118.183		Ø 4.5	118.184

Drivers

1

Neo Screwdriver Torque Connection

+

Torque Wrench

Accessories

Replacement Abutment Screw

116.291 Neo GM Screw - for abutments with 0.8-2.5 GH

116.292 Neo GM Screw (Long) - for abutments with 3.5-5.5 GH

GM Anatomic Abutment

Single-unit cement-retained prosthesis

Recommended for anterior region.

Check it out on the eShop, go to: neodent.com/shopnow

Installation Sequence

In Mouth

GM Exact Click Anatomic Abutment with Neo Removable Screw

20 N.cm 1

	1.5 mm	2.5 mm	3.5 mm
17°	114.862	114.863	114.864
	114.865	114.866	114.867

or

GM Exact Click Narrow Anatomic Abutment with Neo Removable Screw

20 N.cm 1

	1.5 mm	2.5 mm	3.5 mm
17°	114.868	114.869	114.870
	114.871	114.872	114.873

GM Exact Click Anatomic Abutment Provisional Coping

118.334
118.335 Narrow

Impression of the GM Exact Click Anatomic Abutment

Lab stage

Finalized prosthesis

In Lab

GM Implant Exact Impression Coping Closed and Open Tray 2

Regular	108.160	108.162
Long	108.161	108.163

GM Implant Analog

Ø 3.5/3.75	Ø 4.0/4.3	Ø 5.0/6.0	
101.103	101.089	101.090	Hybrid Repositionable (conventional/digital)

GM Exact Click Anatomic Abutment Provisional Coping

118.334
118.335 Narrow

GM Exact Click Anatomic Abutment with Neo Removable Screw

20 N.cm 1

	1.5 mm	2.5 mm	3.5 mm
17°	114.862	114.863	114.864
	114.865	114.866	114.867

or

GM Exact Click Narrow Anatomic Abutment with Neo Removable Screw

20 N.cm 1

	1.5 mm	2.5 mm	3.5 mm
17°	114.868	114.869	114.870
	114.871	114.872	114.873

Drivers

1 Neo Screwdriver Torque Connection + Torque Wrench

2 Neo Screwdriver Torque Connection + Manual Screwdriver Torque

Accessories

Replacement Abutment Screw

116.291 Neo GM Screw - for abutments with 0.8-2.5 GH

116.292 Neo GM Screw (Long) - for abutments with 3.5-5.5 GH

GM Titanium Block for MEDENTiKA Holder

Single-unit screw-retained prosthesis

Single-unit cement-retained prosthesis

Multiple-unit cement-retained prosthesis

Ø 11.5/ 15.8 mm

Screw sold separately.

Check it out on the eShop, go to: neodent.com/shopnow

Installation Sequence

Complete Digital Workflow

GM Implant Intraoral Scanbody
2
108.207

GM Implant Analog
Ø 4.0/4.3
101.089
Hybrid Repositionable (conventional/digital)

or

GM Exact Titanium Block for MEDENTiKA Holder Ø 11.5mm
1
20 N.cm
135.252

GM Exact Titanium Block for MEDENTiKA Holder Ø 15.8mm
1
20 N.cm
135.253

Finalized Prosthesis with CADCAM process

Semi Digital Workflow

GM Implant Exact Impression Coping Closed and Open Tray
2

Regular	108.160	108.162
Long	108.161	108.163

GM Implant Analog
Ø 4.0/4.3
101.089
Hybrid Repositionable (conventional/digital)

GM Implant Intraoral Scanbody
2
108.207

or

GM Exact Titanium Block for MEDENTiKA Holder Ø 11.5mm
1
20 N.cm
135.252

GM Exact Titanium Block for MEDENTiKA Holder Ø 15.8mm
1
20 N.cm
135.253

Finalized Prosthesis with CADCAM process

Drivers

1 Neo Screwdriver Torque Connection + Torque Wrench

2 Neo Screwdriver Torque Connection + Manual Screwdriver Torque

Accessories

Sterile Screws sold separately

116.286 Titanium

116.285 Neotorque*

*Application of a film carbon-based coat that provides a lower friction coefficient, resulting in increased pre-load.

GM Titanium Block for AG Holder

Single-unit screw-retained prosthesis

Single-unit cement-retained prosthesis

Multiple-unit cement-retained prosthesis

Ø 12.0 mm

Screw sold separately.

Check it out on the eShop, go to: neodent.com/shopnow

Installation Sequence

Complete Digital Workflow

GM Implant Intraoral Scanbody

2

108.207

GM Implant Analog

Ø 4.0/4.3

101.089

Hybrid Repositionable (conventional/digital)

GM Exact Titanium Block for Amann Girrbach Holder Ø 12.0mm

1 20 N.cm

135.226

Finalized Prosthesis with CADCAM process

Semi Digital Workflow

GM Implant Exact Impression Coping Closed and Open Tray

2

Regular	108.160	108.162
Long	108.161	108.163

GM Implant Analog

Ø 4.0/4.3

101.089

Hybrid Repositionable (conventional/digital)

GM Implant Intraoral Scanbody

2

108.207

GM Exact Titanium Block for Amann Girrbach Holder Ø 12.0mm

1 20 N.cm

135.226

Finalized Prosthesis with CADCAM process

Drivers

1 Neo Screwdriver Torque Connection +  Torque Wrench

2 Neo Screwdriver Torque Connection +  Manual Screwdriver Torque

Accessories

Sterile Screws sold separately

116.286	Titanium
116.285	Neotorque*

*Application of a film carbon-based coat that provides a lower friction coefficient, resulting in increased pre-load.

GM Temporary Abutment

Single-unit screw-retained temporary prosthesis

Multiple-unit screw-retained temporary prosthesis

Ø 3.5/ 4.5 mm

Customizable area made of titanium.
A minimum height of 4 mm of the customizable area must be kept.
With retentive grooves for acrylic material and allows customization.

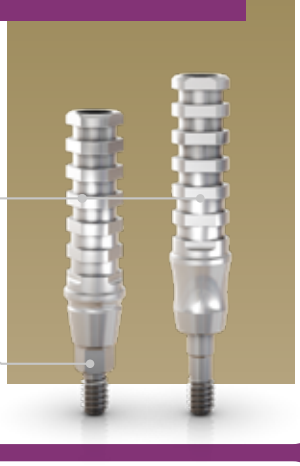
Check it out on the eShop, go to: neodent.com/shopnow

Consider in addition 1.5 - 2.0 mm for the restorative material;

Channels of customizations;

Interocclusal height of 10 mm (can be customized up to 4.0 mm);

Exact.



Installation Sequence

GM Temporary Abutment for Crown

1

	0.8 mm	1.5 mm	2.5 mm	3.5 mm
Ø 3.5	118.344	118.345	118.346	118.347
Ø 4.5	118.348	118.349	118.350	118.351

or

GM Temporary Abutment for Bridge

1

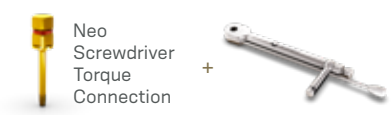
	0.8 mm	1.5 mm	2.5 mm	3.5 mm
Ø 3.5	118.352	118.353	118.354	118.355
Ø 4.5	118.356	118.357	118.358	118.359

Customization

Temporary Prosthesis

Drivers

1 Neo Screwdriver Torque Connection + Torque Wrench



Accessories

Replacement Sterile Screws

116.286 Titanium

116.285 Neotorque*

*Application of a film carbon-based coat that provides a lower friction coefficient, resulting in increased pre-load.

GM Pro Peek Abutment

Single-unit screw-retained temporary prosthesis

Single-unit cement-retained temporary prosthesis

Ø 4.5/ 6.0 mm

Biocompatible Peek of easy customization.

Check it out on the eShop, go to: neodent.com/shopnow

Consider in addition 1.5 - 2.0 mm for the restorative material;

Interocclusal height of 9.2 mm (can be customized up to 5.0 mm);

With internal threads for a secure engagement of the screw;

Exact;

Neo Removable Screw.

Installation Sequence

GM Pro Peek Abutment Ø 4.5 with Neo Removable Screw

1

0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm
114.874	114.875	114.876	114.877	114.878	114.879

or

GM Pro Peek Abutment Ø 6.0 with Neo Removable Screw

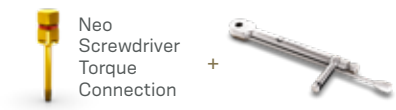
1

0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm
114.880	114.881	114.882	114.883	114.884	114.885

In mouth customization

Drivers

1 Neo Screwdriver Torque Connection + Torque Wrench



Accessories

Replacement Abutment Screw

116.291 Neo GM Screw - for abutments with 0.8-2.5 GH

116.292 Neo GM Screw (Long) - for abutments with 3.5-5.5 GH

GM CoCr Abutment

Single-unit screw-retained prosthesis

Single-unit cement-retained prosthesis

Ø 4.1/4.5/ 5.0 mm

For implants placed at bone level.

Check it out on the eShop, go to: neodent.com/shopnow

Consider in addition 1.5 - 2.0 mm for the restorative material;

Interocclusal height of 12 mm (can be customized up to 5.0 mm);

Exact.

Installation Sequence

GM Implant Exact Impression Coping Closed and Open Tray 2

Regular	108.160	108.162
Long	108.161	108.163

or

GM Temporary Abutment for Crown or GM Pro Peek Abutment

20 N.cm 1

GM Healing for CoCr Abutment 2

106.237	Ø 3.5 / 3.75
106.238	Ø 4.0 / 4.3
106.239	Ø 5.0 / 6.0

GM Implant Analog

GM Exact CoCr Abutment Set

Ø 3.5 / 3.75	Ø 4.5 / 4.3	Ø 5.0 / 6.0
118.309	118.310	118.311

20 N.cm 1

The set includes one GM CoCr Abutment, one Titanium Screw and one GM Implant Analog.

Drivers

1  Neo Screwdriver Torque Connection +  Torque Wrench

2  Neo Screwdriver Torque Connection +  Manual Screwdriver Torque

Accessories

Replacement Sterile Screws

116.283	Titanium
116.282	Neotorque*

*Application of a film carbon-based coat that provides a lower friction coefficient, resulting in increased pre-load.

Measurements GM Mini Conical Abutment

17°

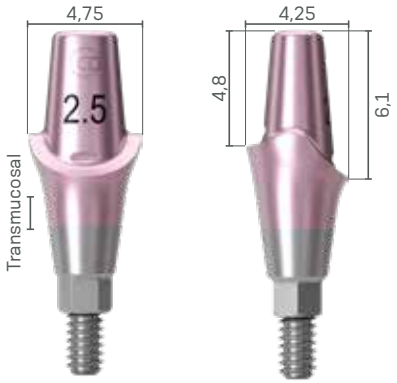
115.275 115.276 115.277

30°

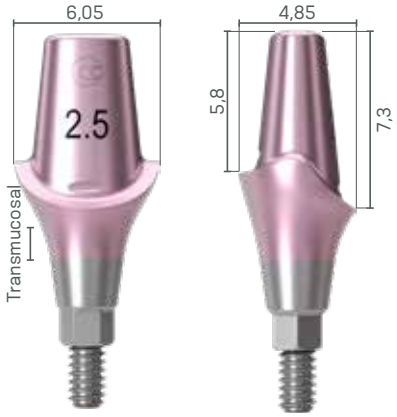
115.278 115.279 115.280

Measurements GM Anatomic Abutment

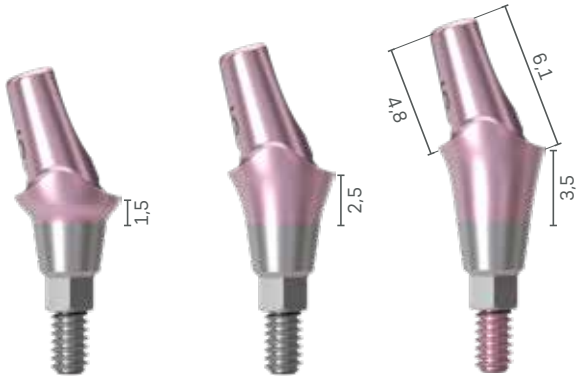
Narrow Anatomic Abutment



Anatomic Abutment

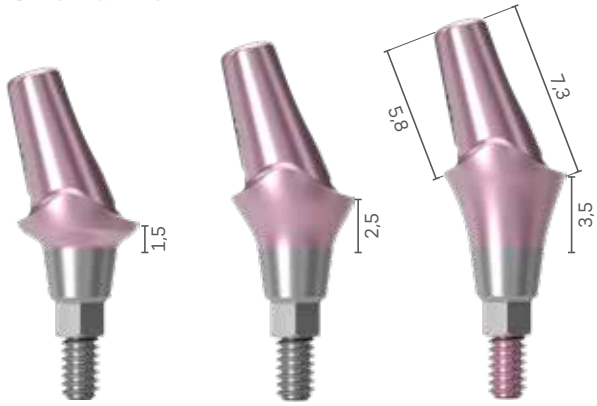


Narrow Anatomic Abutment 17°



114.871 114.872 114.873

Anatomic Abutment 17°



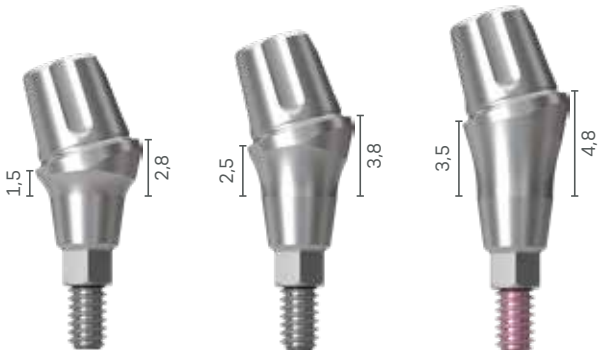
114.865 114.866 114.867

Measurements GM Universal Abutment

4 mm chimney height / Ø 3.3 / 17°

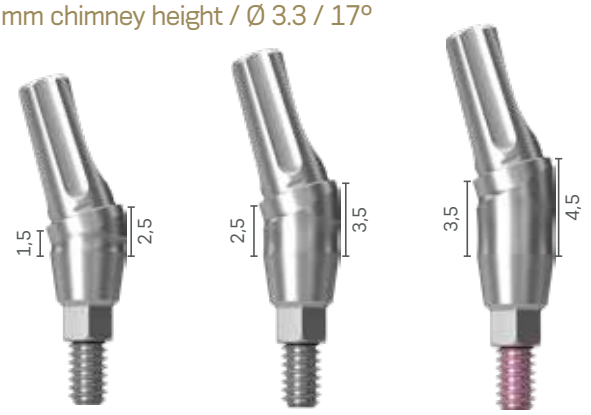
114.802 114.803 114.804

4 mm chimney height / Ø 4.5 / 17°



114.808 114.809 114.810

6 mm chimney height / Ø 3.3 / 17°

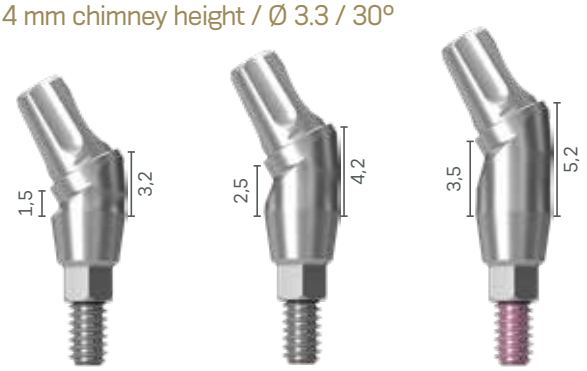


114.805 114.806 114.807

6 mm chimney height / Ø 4.5 / 17°

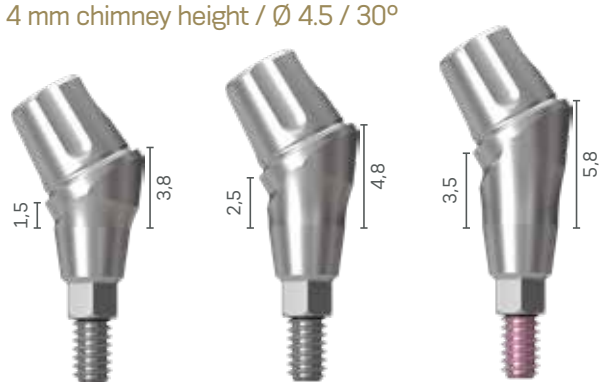
114.811 114.812 114.813

4 mm chimney height / Ø 3.3 / 30°



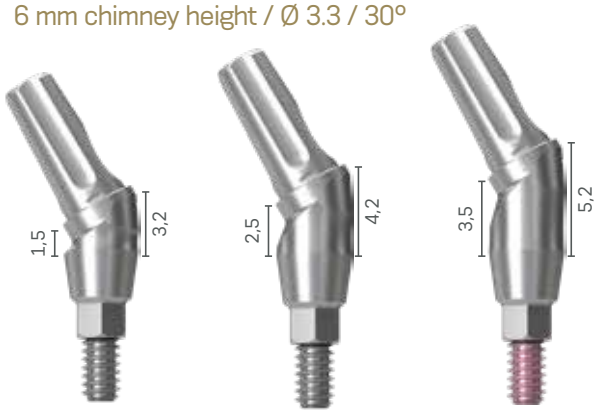
114.814 114.815 114.816

4 mm chimney height / Ø 4.5 / 30°



114.820 114.821 114.822

6 mm chimney height / Ø 3.3 / 30°



114.817 114.818 114.819

6 mm chimney height / Ø 4.5 / 30°

114.823 114.824 114.825

Grand Morse®
Kits

Grand Morse® Surgical Kit

Autoclavable polymer case.
To order the pre-mounted version of the kit, with its complete composition with non-color coded drills, use code 110.302.

Articles

- 110.288 GM Surgical Kit Case
- 103.162 Twist Drill 2.0 Plus
- 103.213 Pilot Dril 2.0/3.0 Plus
- 103.164 Twist Drill 3.0 Plus
- 103.166 Twist Drill 3.3 Plus
- 103.167 Twist Drill 3.8 Plus
- 103.168 Twist Drill 4.3 Plus
- 103.163 Twist Drill 2.8 Plus
- 103.170 Initial Drill Plus
- 103.513 Pilot Drill GM 2.8/3.5
- 103.514 Pilot Drill GM 3.0/3.75
- 103.515 Pilot Drill GM 3.3/4.0
- 103.516 Pilot Drill GM 4.3
- 103.517 Pilot Drill GM 4.3/5.0
- 103.578 Tapered Contour Drill 3.5
- 103.579 Tapered Contour Drill 3.75
- 103.580 Tapered Contour Drill 4.0
- 103.581 Tapered Contour Drill 4.3
- 103.582 Tapered Contour Drill 5.0
- 103.425 Tapered Drill 2.0
- 103.561 Tapered Drill 3.5
- 103.564 Tapered Drill 3.75
- 103.567 Tapered Drill 4.0
- 103.570 Tapered Drill 4.3
- 103.573 Tapered Drill 5.0
- 103.576 Tapered Drill 6.0
- 105.168 GM Implant Driver - Contra-Angle
- 104.060 Neo Screwdriver (Medium)
- 105.130 GM Implant Driver - Torque Wrench (Long)
- 104.028 Manual Implant Driver - Contra-Angle
- 105.129 GM Implant Driver - Torque Wrench (Short)
- 128.019 Direction Indicator 2.8/3.5
- 128.020 Direction Indicator 3.0/3.75
- 128.021 Direction Indicator 3.3/4.0
- 128.022 Direction Indicator 3.6/4.3
- 128.023 Direction Indicator 4.3/5.0
- 128.028 Height Measurer GM
- 129.004 Depth Probe
- 129.001 Titanium Tweezers
- 104.050 Torque Wrench
- 103.426 Drill Extension

Check it out on the eShop, go to: neodent.com/shopnow

Note: Items that compose Neodent® Kits are sold separately.

Helix GM® Compact Surgical Kit

Autoclavable polymer case.
The Kit allows the installation of Helix GM® Implants in all bone types.
To order the pre-mounted version of the kit, with its complete composition with non-color coded drills, use code 110.303.

Articles

- 110.297 Helix GM® Compact Surgical Kit Case
- 103.170 Initial Drill
- 103.425 Tapered Drill 2.0
- 103.561 Tapered Drill 3.5
- 103.564 Tapered Drill 3.75
- 103.567 Tapered Drill 4.0
- 103.570 Tapered Drill 4.3
- 103.573 Tapered Drill 5.0
- 103.576 Tapered Drill 6.0
- 103.577 Tapered Drill 7.0 (Short)*
- 104.060 Neo Manual Screwdriver (Medium)
- 104.028 Manual Implant Driver - Contra-angle
- 103.426 Drill Extension
- 103.578 Tapered Contour Drill 3.5
- 103.579 Tapered Contour Drill 3.75
- 103.580 Tapered Contour Drill 4.0
- 103.581 Tapered Contour Drill 4.3
- 103.582 Tapered Contour Drill 5.0
- 105.168 GM Implant Driver - Contra-angle
- 105.130 GM Implant Driver - Torque Wrench (Long)
- 105.129 GM Implant Driver - Torque Wrench (Short)
- 103.513 GM Pilot Drill 2.8/3.5
- 103.514 GM Pilot Drill 3.0/3.75
- 103.515 GM Pilot Drill 3.3/4.0
- 103.516 GM Pilot Drill 4.3
- 103.517 GM Pilot Drill 4.3/5.0
- 128.028 GM Height Measurer
- 128.030 Angle Measurer for Drill 2.0 17º
- 128.031 Angle Measurer for Drill 2.0 30º
- 128.019 Direction Indicator 2.8/3.5
- 128.020 Direction Indicator 3.0/3.75
- 128.021 Direction Indicator 3.3/4.0
- 128.022 Direction Indicator 3.6/4.3
- 128.023 Direction Indicator 4.3/5.0
- 129.004 Depth Probe
- 104.050 Torque Wrench

Note: Items that compose Neodent® Kits are sold separately.
*Tapered Drill 7.0 is not included in the pre-mounted kit composition (110.303).

Check it out on the eShop, go to: neodent.com/shopnow

Neodent controlsystem

TRUST YOURSELF

The surgical procedure for implant placement can be perceived as complex, especially when performed in the posterior regions with limited visibility, or in proximity with anatomical structures such as nerve canals. The Neodent® Control System brings confidence and efficiency building trust during the surgical procedure.

Protect anatomical structures

The placement of implants requires accuracy, and the Neodent® Control System has been designed to reduce the risk against overdrilling and protecting anatomical structures such as nerves, the sinus or adjacent roots by securing the final depth.

Master limited visibility

The Neodent® Control System helps to provide confidence during situations with reduced visibility due to adjacent teeth, limited mouth opening, blood, saliva, making it difficult to read the lines on a twisting drill by reaching the planned depth.

Intuitive solution

The Neodent® Control System is a color coded solution facilitating the identification of the drill sequence, the diameter and length of the implant and the combination of drill stop and drill.

Secure drill stop locking system

The Neodent® Control Drill Stop features a modern drill locking system enabling an easy and secure engaging into the drill, offering a peace-of-mind surgical experience.

Multiple use solution

The Neodent® Control Drill Stops are made of titanium for professional cleaning and autoclaving allowing multiple use.

User friendly kit retentive system

The Neodent® Control Drill Stop Kit includes an innovative retentive system.

A convenient and time-saving pick and drop mechanism during the surgical procedure.

Neodent® Color Code overview

Color code according to implant length

Compatible portfolio of Helix GM® Implants

	Diameter						
Length	3.5	3.75	4.0	4.3	5.0	6.0	7.0
8	✓	✓	✓	✓	✓	✓	✓
10	✓	✓	✓	✓	✓	✓	✓
11.5	✓	✓	✓	✓	✓	✓	✓
13	✓	✓	✓	✓	✓	✓	✓

DR ARANTZA RODRIGUEZ, from Spain

"Neodent®, compared to other brands, gives me security and long-term stability this is very confident for me and of course for my patient."

Helix GM® Compact Kit Control Stop Drills

Autoclavable polymer case.
The Kit allows the installation of Helix GM® Implants in all bone types, using the Neodent® Control Stop Drills.
To order the pre-mounted version of the kit, with its complete composition, use code 110.308.

Articles

110.297	Helix GM® Compact Surgical Kit Case
103.170	Initial Drill
103.492	Tapered Control Stop Drill 2.0
103.493	Tapered Control Stop Drill 3.5
103.494	Tapered Control Stop Drill 3.75
103.495	Tapered Control Stop Drill 4.0
103.496	Tapered Control Stop Drill 4.3
103.497	Tapered Control Stop Drill 5.0
103.498	Tapered Control Stop Drill 6.0 (Short)
103.499	Tapered Control Stop Drill 7.0 (Short)*
104.060	Neo Manual Screwdriver (Medium)
104.028	Manual Implant Driver - Contra-angle
103.426	Drill Extension
103.500	Tapered Control Stop Drill 3.5+
103.501	Tapered Control Stop Drill 3.75+
103.502	Tapered Control Stop Drill 4.0+
103.503	Tapered Control Stop Drill 4.3+
103.504	Tapered Control Stop Drill 5.0+
105.168	GM Implant Driver - Contra-angle GM
105.130	Implant Driver - Torque Wrench (Long)
105.129	GM Implant Driver - Torque Wrench (Short)
103.513	Pilot Drill 3.5
103.514	Pilot Drill 3.75
103.515	Pilot Drill 4.0
103.516	Pilot Drill 4.3
103.517	Pilot Drill 5.0
128.028	GM Height Measurer
128.030	Angle Measurer for Drill 2.0 17º
128.031	Angle Measurer for Drill 2.0 30º
128.019	Direction Indicator 2.8/3.5
128.020	Direction Indicator 3.0/3.75
128.021	Direction Indicator 3.3/4.0
128.022	Direction Indicator 3.6/4.3
128.023	Direction Indicator 4.3/5.0
129.004	Depth Probe
104.050	Torque Wrench

Note: Items that compose Neodent® Kits are sold separately.

*Tapered Control Stop Drill 7.0 is not included in the pre-mounted kit composition (110.308).

Check it out on the eShop, go to: neodent.com/shopnow

Control Drill Stop Kit

Autoclavable polymer case.
The Kit allows the sterilization and engagement of Neodent® Control Drill Stops on the drills.
To order the pre-mounted version of the kit, with its complete composition, use code 110.306.

Articles

110.307	Control Drill Stop Kit Case
125.144	8.0 Control Drill Stop D2.0
125.145	10.0 Control Drill Stop D2.0
125.146	11.5 Control Drill Stop D2.0
125.147	13.0 Control Drill Stop D2.0
125.148	8.0 Control Drill Stop D3.5
125.149	10.0 Control Drill Stop D3.5
125.150	11.5 Control Drill Stop D3.5
125.151	13.0 Control Drill Stop D3.5
125.152	8.0 Control Drill Stop D3.75/4.0
125.153	10.0 Control Drill Stop D3.75/4.0
125.154	11.5 Control Drill Stop D3.75/4.0
125.155	13.0 Control Drill Stop D3.75/4.0
125.156	8.0 Control Drill Stop D4.3/5.0
125.157	10.0 Control Drill Stop D4.3/5.0
125.158	11.5 Control Drill Stop D4.3/5.0
125.159	13.0 Control Drill Stop D4.3/5.0
125.160	8.0 Control Drill Stop D6.0/7.0
125.161	10.0 Control Drill Stop D6.0/7.0
125.162	11.5 Control Drill Stop D6.0/7.0
125.163	13.0 Control Drill Stop D6.0/7.0

Note: Items that compose Neodent® Kits are sold separately.

Check it out on the eShop, go to: neodent.com/shopnow

Grand Morse® Prosthetic Kit

Autoclavable polymer case.
To order the pre-mounted version of the kit, with its complete composition, use code 110.304.

Articles

110.294	GM Prosthetic Kit Case
105.146	Neo Screwdriver Torque Connection - Contra-angle (Extra-short)
105.135	Neo Screwdriver Torque Connection - Contra-angle (Short)
105.160	Neo Screwdriver Torque Connection - Contra-angle (Long)
105.138	Hexagonal Prosthetic Driver - Contra-angle
105.137	Hexagonal Prosthetic Driver - Torque Wrench
105.133	Neo Screwdriver Torque Connection (Short) - Torque Wrench
105.132	Neo Screwdriver Torque Connection (Medium) - Torque Wrench
105.157	Neo Long Screwdriver for Torque Wrench
104.005	Manual Screwdriver Torque
128.028	GM Height Measurer
104.050	Torque Wrench

Note: Items that compose Neodent® Kits are sold separately.

Check it out on the eShop, go to: neodent.com/shopnow

Grand Morse® Try-In Kit

Autoclavable polymer case.
To order the pre-mounted version of the kit, with its complete composition, use code 110.305.

Articles

110.295	GM Try-In Kit Case
114.772	GM Abutment Try-In 3.3X6X0.8
114.773	GM Abutment Try-In 3.3X6X1.5
114.774	GM Abutment Try-In 3.3X6X2.5
114.775	GM Abutment Try-In 3.3X6X3.5
114.776	GM Abutment Try-In 3.3X6X4.5
114.777	GM Abutment Try-In 3.3X6X5.5
114.778	GM Abutment Try-In 4.5X6X0.8
114.779	GM Abutment Try-In 4.5X6X1.5
114.780	GM Abutment Try-In 4.5X6X2.5
114.781	GM Abutment Try-In 4.5X6X3.5
114.782	GM Abutment Try-In 4.5X6X4.5
114.783	GM Abutment Try-In 4.5X6X5.5
114.784	GM Abutment Try-In 17° 3.3X6X1.5
114.785	GM Abutment Try-In 17° 3.3X6X2.5
114.786	GM Abutment Try-In 17° 3.3X6X3.5
114.787	GM Abutment Try-In 17° 4.5X6X1.5
114.788	GM Abutment Try-In 17° 4.5X6X2.5
114.789	GM Abutment Try-In 17° 4.5X6X3.5
114.790	GM Abutment Try-In 30° 3.3X6X1.5
114.791	GM Abutment Try-In 30° 3.3X6X2.5
114.792	GM Abutment Try-In 30° 3.3X6X3.5
114.793	GM Abutment Try-In 30° 4.5X6X1.5
114.794	GM Abutment Try-In 30° 4.5X6X2.5
114.795	GM Abutment Try-In 30° 4.5X6X3.5
114.796	GM Anatomic Abutment Try-In 1.5
114.797	GM Anatomic Abutment Try-In 2.5
114.798	GM Anatomic Abutment Try-In 3.5
114.799	GM Lateral Anatomic Abutment Try-In 1.5
114.800	GM Lateral Anatomic Abutment Try-In 2.5
114.801	GM Lateral Anatomic Abutment Try-In 3.5
104.058	Neo Manual Screwdriver (Short)
128.028	GM Height Measurer

Note: Items that compose Neodent® Kits are sold separately.

Check it out on the eShop, go to: neodent.com/shopnow

Grand Morse®
Instruments

Initial Drill

:: Available in surgical steel;
:: 2.0mm diameter.

103.170

Tapered Drills

:: Available in surgical steel;
:: Drill sequence for Helix GM® and Drive GM® Implants;
:: With a color code according to the drill diameter.

	Short 31 mm	Regular 35 mm	Long 43 mm
Ø 2.0	103.559	103.425	103.560
Ø 3.5	103.562	103.561	103.563
Ø 3.75	103.565	103.564	103.566
Ø 4.0	103.568	103.567	103.569
Ø 4.3	103.571	103.570	103.572
Ø 5.0	103.574	103.573	103.575
Ø 6.0	103.576		
Ø 7.0	103.577		

Tapered+ Drills

:: For preparing the implant bed in bone types I and II for Helix GM® Implants;
:: With a color code according to the drill diameter and 2 stripes of color for identification.

Ø 3.5+	103.578
Ø 3.75+	103.579
Ø 4.0+	103.580
Ø 4.3+	103.581
Ø 5.0+	103.582

Pilot Drills

:: Available in surgical steel;
:: Increasing the surgical alveolus diameter ridge, easing the penetration of the next drill or the implant.

Ø 2/3	103.213		
Ø 3.5	103.513	Ø 5.0	103.517
Ø 3.75	103.514	Ø 3.8/4.3	103.214
Ø 4.0	103.515	Ø 4.3/5.3	103.215
Ø 4.3	103.516	Ø 5.3/6	103.221

Twist Drills

:: Available in surgical steel;
:: Drill sequence for Titamax GM® Implants.

	Short 31 mm	Regular 35 mm	Long 43 mm
Ø 2.0	103.222	103.162	103.228
Ø 2.8	103.223	103.163	103.229
Ø 3.0	103.224	103.164	103.230
Ø 3.3	103.225	103.166	103.231
Ø 3.8	103.226	103.167	
Ø 4.3	103.227	103.168	

Check it out on the eShop, go to: neodent.com/shopnow

Tapered Control Stop Drills

:: Available in surgical steel;
:: Drill sequence for Helix GM® Implants;
:: Attachment to engage drill stops;
:: With a color code according to the drill diameter.

Ø 2.0	103.492	Ø 4.3	103.496
Ø 3.5	103.493	Ø 5.0	103.497
Ø 3.75	103.494	Ø 6.0	103.498
Ø 4.0	103.495	Ø 7.0	103.499

Tapered+ Control Stop Drills

:: Available in surgical steel;
:: For preparing the implant bed in bone types I and II for Helix GM® Implants;
:: Attachment to engage drill stops;
:: With a color code according to the drill diameter and 2 stripes of color for identification.

Ø 3.5+	103.500	Ø 4.3+	103.503
Ø 3.75+	103.501	Ø 5.0+	103.504
Ø 4.0+	103.502		

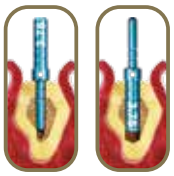
Control Drill Stops

:: Available in titanium;
:: To be used in association with the Control Stop Drills;
:: Physical control for drilling depth.

	8 mm	10 mm	11.5 mm	13 mm
Ø 2.0	125.144	125.145	125.146	125.147
Ø 3.5	125.148	125.149	125.150	125.151
Ø 3.75/4.0	125.152	125.153	125.154	125.155
Ø 4.3/5.0	125.156	125.157	125.158	125.159
Ø 6.0/7.0	125.160	125.161	125.162	125.163

Direction Indicators

:: Available in titanium;
:: Instrument to guide the implant position;
:: Diameter of central band corresponds to GM Implant diameter;
:: Smaller side to be used after Ø2.0mm drill;
:: Larger side to be used after the last drill before implant installation.



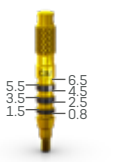
2.8/3.5	128.019	3.6/4.3	128.022
3.0/3.75	128.020	4.3/5.0	128.023
3.3/4.0	128.021		

Drill Extension

:: Available in surgical steel;
:: Fit the drill directly into the Drill Extension.

103.426

GM Height Measurer



:: Available in titanium;
:: For selecting GM prosthetic abutments;
:: Marks corresponding to transmucosa heights.
:: Can be used as X-Ray Positioner.

128.028

GM Implant Driver - Contra-Angle

:: To capture the implant directly from the packaging;
:: To place GM Implants with contra-angle, or attached to a manual driver for contra-angle connections (104.028) for hand placement;
:: With six dimples to indicate the hex index face position;
:: The laser marks indicate the depth of implant placement, bone level, 1 and 2mm infra-bone and last marking (3mm) biological space;
:: Maximum torque 35 N.cm.

Regular	Long
105.168	105.176

GM Implant Driver - Torque Wrench

:: To place GM Implants with the Torque Wrench (104.050);
:: With six marks to indicate the hex index face position;
:: The laser marks indicate the depth of implant placement, bone level, 1 and 2mm infra-bone and last marking (3mm) biological space;
:: Maximum torque: 60 N.cm..

Short 22 mm	Long 30 mm
105.129	105.130

Neo Screwdriver Torque Connection - Torque Wrench

:: Available in surgical steel;
:: Yellow color for line identification.

Short 16.5 mm	Medium 22 mm	Long 32 mm
105.133	105.132	105.157

Neo Manual Screwdriver

:: Available in surgical steel;
:: Yellow color for line identification

Short 21 mm	Medium 25 mm	Long 37 mm
104.058	104.060	104.070

Neo Screwdriver Torque Connection - Contra-angle

:: Available in surgical steel;
:: Yellow color for line identification;
:: Extra Short Neo Screwdriver Torque Connection - Contra-angle (105.146) recommended for Impression Copings, Cover Screws and Healing Abutments.

Extra Short 16.5 mm	Short 24 mm	Long 31 mm	Extra Long 37 mm
105.146	105.135	105.160	105.167

Hexagonal Prosthetic Driver

:: Available in surgical steel;
:: To install and apply torque over straight GM Mini Conical Abutments and GM Micro Abutments;

Contra-angle	Torque Wrench
105.138	105.137

Angled Solution Screw-driver for Torque Wrench

:: To place GM Titanium Bases for Angled Solution with torque wrench;
:: Maximum torque of 20 N.cm.

Short 16.5 mm	Medium 22.5 mm	Long 28.5 mm
105.150	105.151	105.152

Angled Solution Screw-driver for Contra-angle

:: To place GM Titanium Bases for Angled Solution with contra-angle;
:: Maximum torque of 20 N.cm.

Short 20 mm	Medium 26 mm	Long 32 mm
105.147	105.148	105.149

GM Bone Profile Drill with Guide

:: Available in surgical steel;
:: Used in the surgical second step;
:: Conforms the bone around the implant platform, preparing the emergence profile to be suitable to prosthetic components.

103.424

Angle Measurer for Drill 2.0

:: Available in titanium;
:: Angles: 17° and 30°;
:: To select and plan the abutments angulation during surgical procedures;
:: Suggested use: after Twist Drill 2.0.

17°	30°
128.030	128.031

GM Angle Measurer

:: Available in titanium;
:: Angles: 17° and 30°;
:: To a more accurate selection and planning of the abutments angulation during the prosthetic phase.

17°	30°
128.032	128.033

Control Stop Kit Holder

:: Available in polymer;
:: Replacement piecel;
:: To keep the stops organized and to engage and remove them from the drills.

110.310

Check it out on the eShop, go to: neodent.com/shopnow

Manual Implant Drivers

:: Available in surgical steel;
:: For Contra-angle connections: connected to GM Implant Driver, it becomes a manual driver for implant placement.
:: For Torque Wrench connections: connected to screwdrivers, it provides manual torque.

Contra-angle Connections	Torque Wrench Connections
104.028	104.005

Remover for Abutments with internal threads

:: Available in surgical steel;
:: To remove abutments with internal threads from the implants, after removal of the screws;
:: Compatible with abutments with Neo removable Screws

Regular	Long
130.118	130.114

Remover for Neo Screws

:: Available in surgical steel;
:: Compatible with Neo remvoable screws for abutments

Regular	Long
130.119	130.115

Check it out on the eShop, go to: neodent.com/shopnow

Torque Wrench

:: Available in surgical steel;
:: Fitting for square connections;
:: Collapsible Wrench that allows for proper assembly cleaning.

104.050

Removal Sets for Abutments with internal threads and Neo Screws

:: Available in surgical steel;
:: To remove Neo Removable Screws and abutments with internal threads from the implants, after removal of the screws;
:: Compatible with abutments with Neo removable Screws

Regular	Long
130.117	130.116

Neodent easyguide

SIMPLICITY AT ONE HAND

Neodent® is designed to offer straightforward guided surgery techniques enabling predictable surgical results, efficient treatment protocols and patient treatment acceptance.

STRAIGHTFORWARD GUIDED SURGERY TECHNIQUE
Surgical convenience with one-hand procedures

EFFICIENT TREATMENT PROTOCOLS
Intuitive and simple technique

PREDICTABLE SURGICAL RESULTS
Confidence for accurate implant positioning

PATIENT TREATMENT ACCEPTANCE
Communication building trust and patient engagement

NEODENT® EASYGUIDE ENABLES ONE-HAND PROCEDURES WITH NO DRILL HANDLES

Simple technique

Reduced number of instruments

Surgeries can be performed without assistance

ONE DRILL DESIGN

The unique geometry of the Neodent® **EasyGuide** tapered drills is indicated for all bone types and dismisses the need for additional drill types or taps, simplifying the drilling sequence.

COLOR CODE ACCORDING TO IMPLANT DIAMETER

BUILT-IN STOP FOR PHYSICAL DEPTH CONTROL, WRITTEN IDENTIFICATION OF THE SLEEVE DIAMETER.*

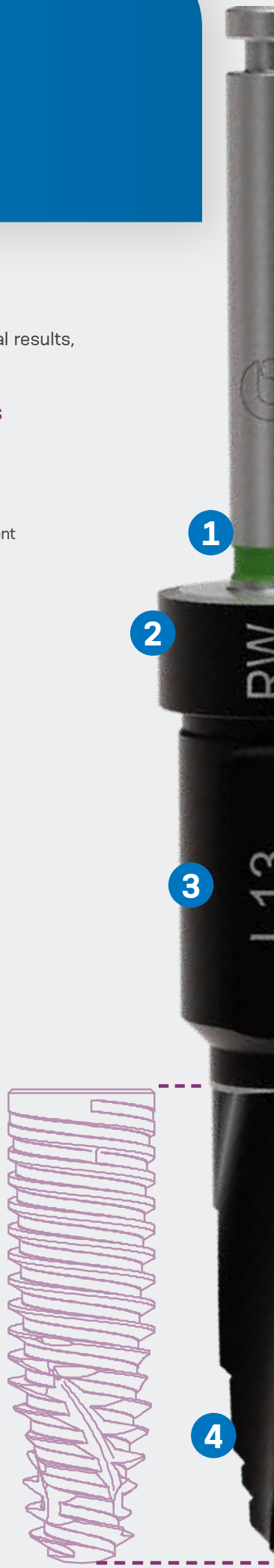
LASER-MARKED LENGTH

ACTIVE PORTION MATCHING IMPLANT LENGTHS

* NR: Narrow/Regular = 3.5/3.75mm implants - blue sleeve. RW: Regular/Wide = 4.0/4.3/5.0mm implants - silver sleeve.

DR FERNANDO DUQUE, from France

"The Easy Guide is easy to use, I think it's completely friendly. The tools they provide us are easy to use and we can achieve excellent prosthetics and surgical outcomes with this."



FULLY GUIDED IMPLANT INSERTION

• Implant driver fits the sleeve, for a fully guided insertion with physical depth control;
• Offset: 10 mm.

FULLY GUIDED BED PREPARATION

• Intimate contact between drill and sleeve for accuracy in angulation;
• Depth control with stop drills,

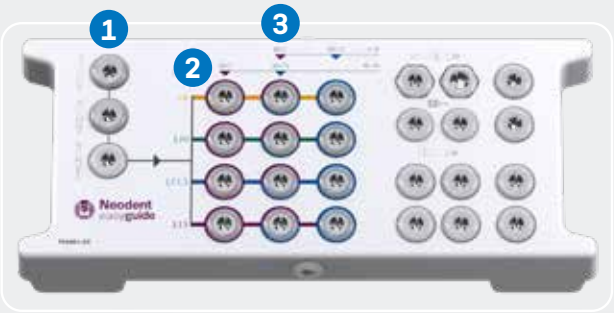
1. DATA ACQUISITION
3D (CB)CT scan (DICOM) Intraoral or lab scanning (STL images)

2. VIRTUAL PLANNING
Implant positioned respecting the patient's anatomy and prosthetic outcome. Neodent® **EasyGuide** is compatible with major software.

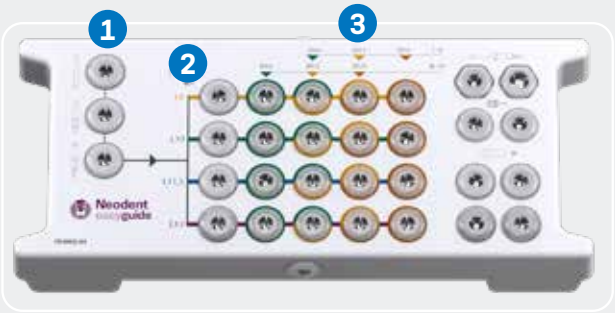
3. SURGICAL GUIDE PRODUCTION
The surgical guide must contain the sleeves that guide the instruments and the implants.

4. SURGICAL PROCEDURE
Neodent® **EasyGuide** presents two surgical kits, selected according to the implant diameter.

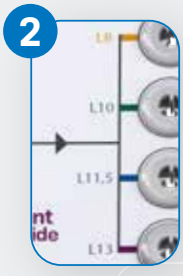
EASYGUIDE KIT NARROW/REGULAR • Ø 3.5, Ø 3.75



EASYGUIDE KIT REGULAR/WIDE • Ø 4.0, Ø 4.3, Ø 5.0



UNIQUE START REGARDLESS OF BONE TYPE



STRAIGHTFORWARD IMPLANT LENGTH IDENTIFICATION

COLOR CODED DRILL SEQUENCE FOR EACH IMPLANT DIAMETER

NARROW SLEEVE: Ø3.5/Ø3.75

REGULAR SLEEVE: Ø4.0/Ø4.3/Ø5.0

DR MAJA CHMIELEWSKA, from Poland

"In the clinic, we do 100% of our surgeries guided, it's really helpful. The prosthodontic restoration in the end of the treatment, but also for patient comfort and for the fluency of our surgeries. I would strongly recommend to start this way! Easy Guides is very helpful and very fluent for our use and surgical practice."

Neodent®
EasyGuide
Kits

Neodent® EasyGuide Kit for Narrow/Regular Diameter Implants

Autoclavable polymer case.
The kit allows the installation of Helix GM® Implants of Ø3.5 and Ø3.75 in all bone types, using the Neodent® EasyGuide Guided Surgery Technique.
To order the pre-mounted version of the kit, with its complete composition, use code 110.341

Articles

110.343	EasyGuide Kit Narrow/Reg. Diam. Tray
125.170	GM Narrow Stabilizer - 3 units per kit
105.169	GM Narrow Driver for Contra-angle
105.162	GM Narrow Driver for Torque Wrench
103.583	Narrow Mucosa Punch
103.630	Narrow Bone Leveling Drill
103.652	Narrow Initial Drill
103.653	Narrow Tapered Drill D3.5X8
103.654	Narrow Tapered Drill D3.5X10
103.655	Narrow Tapered Drill D3.5X11.5
103.656	Narrow Tapered Drill D3.5X13
103.657	Narrow Tapered Drill D3.5/3.75X8
103.658	Narrow Tapered Drill D3.5/3.75X10
103.659	Narrow Tapered Drill D3.5/3.75X11.5
103.660	Narrow Tapered Drill D3.5/3.75X13
103.661	Narrow Tapered Drill D3.75X8
103.662	Narrow Tapered Drill D3.75X10
103.663	Narrow Tapered Drill D3.75X11.5
103.664	Narrow Tapered Drill D3.75X13
104.060	Neo Manual Screwdriver (Medium)
103.665	Drill for Palatal Setter
125.176	Palatal Setter
103.395	Guided Surgery Drill 1.3
129.034	Fixation Clamp - 3 units per kit
125.142	Depth Probe
104.050	Torque Wrench
105.167	Long Neo Screwdriver for Contra-angle

Check it out on the eShop, go to: neodent.com/shopnow

Note: Items that compose Neodent® Kits are sold separately.

Neodent® EasyGuide Kit for Regular/Wide Diameter Implants

Autoclavable polymer case.
The kit allows the installation of Helix GM® Implants of Ø4.0, Ø4.3 and Ø5.0 in all bone types, using the Neodent® EasyGuide Guided Surgery Technique.
To order the pre-mounted version of the kit, with its complete composition, use code 110.340

Articles

110.344	EasyGuide Kit Reg./Wide Diam. Tray
125.171	GM Regular Stabilizer - 3 units per kit
105.170	GM Regular Driver for Contra-angle
105.164	GM Regular Driver for Torque Wrench
103.584	Regular Mucosa Punch
103.629	Regular Bone Leveling Drill
103.631	Regular Initial Drill
103.632	Regular Tapered Drill D2.7X8
103.633	Regular Tapered Drill D2.7X10
103.634	Regular Tapered Drill D2.7X11.5
103.635	Regular Tapered Drill D2.7X13
103.636	Regular Tapered Drill D4.0X8
103.637	Regular Tapered Drill D4.0X10
103.638	Regular Tapered Drill D4.0X11.5
103.639	Regular Tapered Drill D4.0X13
103.640	Regular Tapered Drill D4.0/4.3X8
103.641	Regular Tapered Drill D4.0/4.3X10
103.642	Regular Tapered Drill D4.0/4.3X11.5
103.643	Regular Tapered Drill D4.0/4.3X13
103.644	Regular Tapered Drill D4.3/5.0X8
103.645	Regular Tapered Drill D4.3/5.0X10
103.646	Regular Tapered Drill D4.3/5.0X11.5
103.647	Regular Tapered Drill D4.3/5.0X13
103.648	Regular Tapered Drill D5.0X8
103.649	Regular Tapered Drill D5.0X10
103.650	Regular Tapered Drill D5.0X11.5
103.651	Regular Tapered Drill D5.0X13
104.060	Neo Manual Screwdriver (Medium)
103.665	Drill for Palatal Setter
125.176	Palatal Setter
103.395	Guided Surgery Drill 1.3
125.142	Fixation Clamp - 3 units per kit
129.034	Depth Probe
104.050	Torque Wrench
105.167	Long Neo Screwdriver for Contra-angle

Check it out on the eShop, go to: neodent.com/shopnow

Note: Items that compose Neodent® Kits are sold separately.

Neodent®
EasyGuide
Instruments

Narrow Tapered Drills

:: Available in surgical steel;
:: For Helix GM® implants with Ø3.5 and Ø3.75 in diameter;
:: Built-in stops for a fully-guided procedure;
:: Color code according to implant diameter;
:: Laser-marked length.

	Ø 3.5	Ø 3.5/3.75	Ø 3.75
8.0	103.653	103.657	103.661
10.0	103.654	103.658	103.662
11.5	103.655	103.659	103.663
13.0	103.656	103.660	103.664

Regular Tapered Drills

:: Available in surgical steel;
:: For Helix GM® implants with Ø4.0, Ø4.3 and Ø5.0 in diameter;
:: Built-in stops for a fully-guided procedure;
:: Color code according to implant diameter;
:: Laser-marked length.

	Ø 2.7	Ø 4.0	Ø 4.0/4.3	Ø 4.3/5.0	Ø 5.0
8.0	103.632	103.636	103.640	103.644	103.648
10.0	103.633	103.637	103.641	103.645	103.649
11.5	103.634	103.638	103.642	103.646	103.650
13.0	103.635	103.639	103.643	103.647	103.651

Guided Surgery Drill 1.3 and Guide Clamp

:: Drill available in stainless steel;
:: Guide Clamp available in titanium;
:: For initial fixation of the surgical guide.

Drill Ø 1.3	Guide Clamp
103.395	125.142

Check it out on the eShop, go to: neodent.com/shopnow

Drill and Palatal Setter

:: Drill and Palatal Setter available in stainless steel;
:: Palatal Setter placed with the GM Implant Driver for Contra-angle;
:: Maximum torque of 20 N.cm.

Drill	Palatal Setter
103.665	125.176

Mucosa Punches

:: Available in stainless steel;
:: To remove the mucosa before beginning the osteotomy.
:: Rotation recommended: 60 rpm.

Narrow	Regular
103.583	103.584

Bone Leveling Drills

:: Available in stainless steel;
:: Built-in stops;
:: For flattening bone surface before osteotomy.

Narrow	Regular
103.630	103.629

Initial Drills

:: Available in stainless steel;
:: Built-in stops;
:: For rupture of the cortical bone.

Narrow	Regular
103.652	103.631

Neodent easyguide

GM Drivers for Contra-Angle

:: Available in stainless steel;
:: Color-coded according to the sleeve of the surgical guide;
:: To start the implant placement through the surgical guide;
:: Maximum torque 35 N.cm.

Narrow	Regular
105.169	105.170

GM Drivers for Torque Wrench

:: Available in stainless steel;
:: To finish the implant placement through the surgical guide;
:: Maximum torque 60 N.cm.

Narrow	Regular
105.162	105.164

Guide Stabilizers

:: Available in titanium;
:: Color-coded according to the sleeve of the surgical guide;
:: Additional fixation of the surgical guide.

Narrow	Regular
125.170	125.171

Depth Probe

:: Available in titanium;
:: With marks matching the Helix GM® implant lengths.

129.034

Neo Manual Screwdriver

:: Available in surgical steel and titanium.

Medium
25 mm
104.060

Neo Screwdriver Torque Connection - Contra-angle

:: Available in stainless steel;
:: Maximum torque 20 N.cm.

Long	Extra Long
31 mm	37 mm
105.160	105.167

Torque Wrench

:: Available in surgical steel;
:: Fitting for square connections;
:: Collapsible Wrench that allows for proper assembly and cleaning.

104.050

Sleeves for Neodent® EasyGuide

:: Available in titanium;
:: Sold in bags with 10 units each.

125.165 Regular Sleeve D5.2
125.168 Narrow Sleeve D3.93
125.177 Sleeve for Palatal Setter
125.143 Sleeve for Fixation Clamp

Check it out on the eShop, go to: neodent.com/shopnow

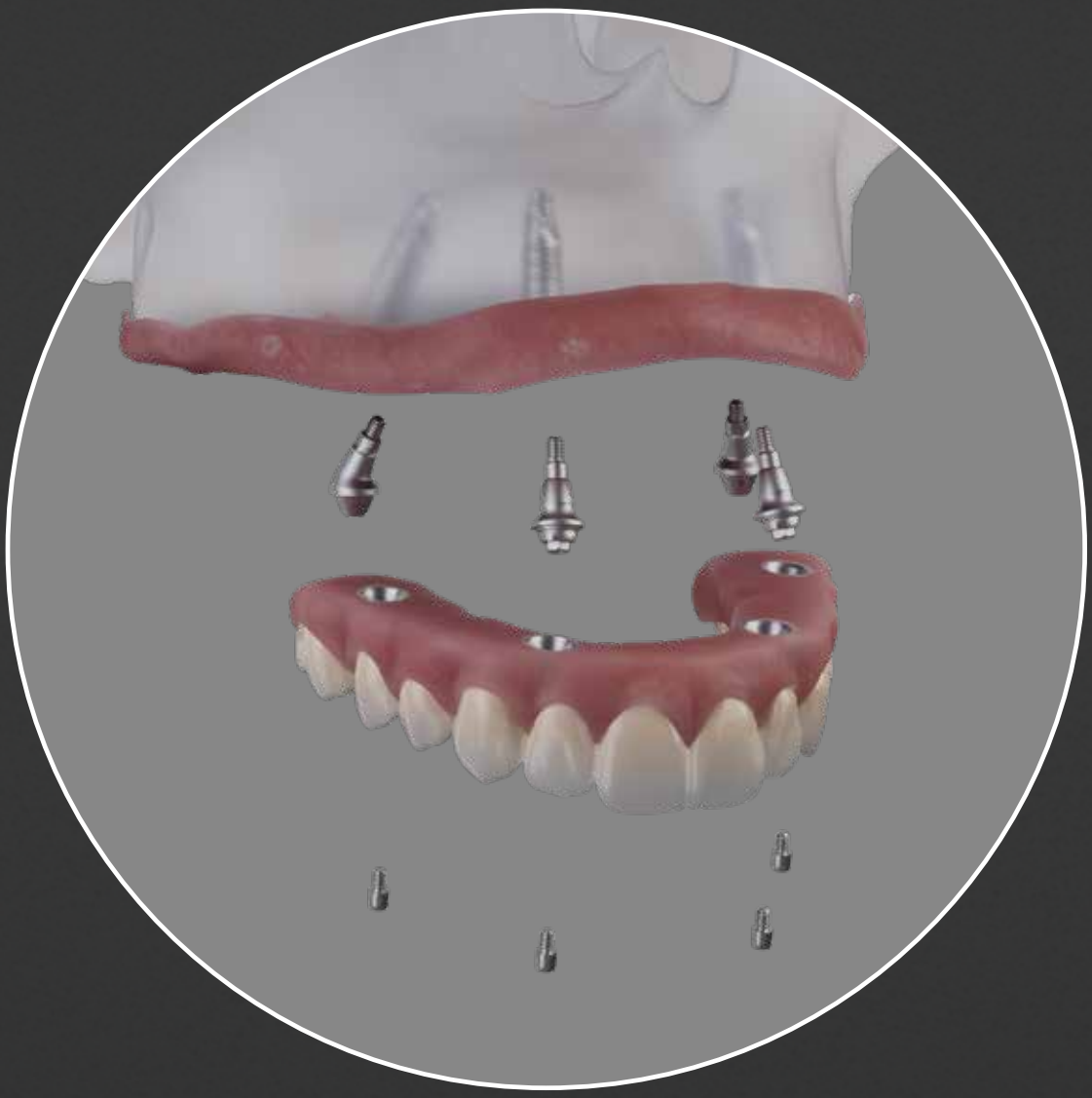
Neodent easyguide

A SMILE FOR **EVERYONE**

NEODENT® NEOARCH®

IMMEDIATE FIXED FULL-ARCH SOLUTION

Increasing expectations for shortened treatment duration represent a significant challenge for dental professionals especially in patients with anatomical deficiencies. The Neodent® Implant System offers an optimized solution for immediate fixed treatment protocols in edentulous patients even with severe atrophic maxilla. Neodent® NeoArch® allows to significantly improve patient satisfaction and quality of live by immediately restoring function and esthetics[10].



DR PEDRO RODRIGUES, from Portugal

"This amazing conical connection with these new abutments. It's very, very nice because we can put your implants deep and you can keep that precious bone around the neck of the implant, and you put your abutment without using bone profiler, so you get the best outcome of soft tissues."

Immediate function resulting in shorter treatment times.

- Different implants techniques to avoid the use of grafting procedure[11].
- Optimized implant design to achieve high primary stability in all bone types[12].

Immediate natural-looking esthetics with versatile restorative options.

- Broad range of gingival heights to attend varied clinical needs.
- Options of straight and angled abutments (0°, 17°, 30°, 45°, 52° & 60°).

Immediate peace of mind thanks to a stable foundation.

- One connection regardless of the diameters.
- Unique connection combining Platform Switching associated with a deep 16° Morse taper including an internal indexation.

SOLUTIONS FOR ALL CLINICAL NEEDS

A implant system designed for predictable immediate treatments in all bone types even with different conditions of the residual alveolar bone.

Helix GM®

Helix GM® Long

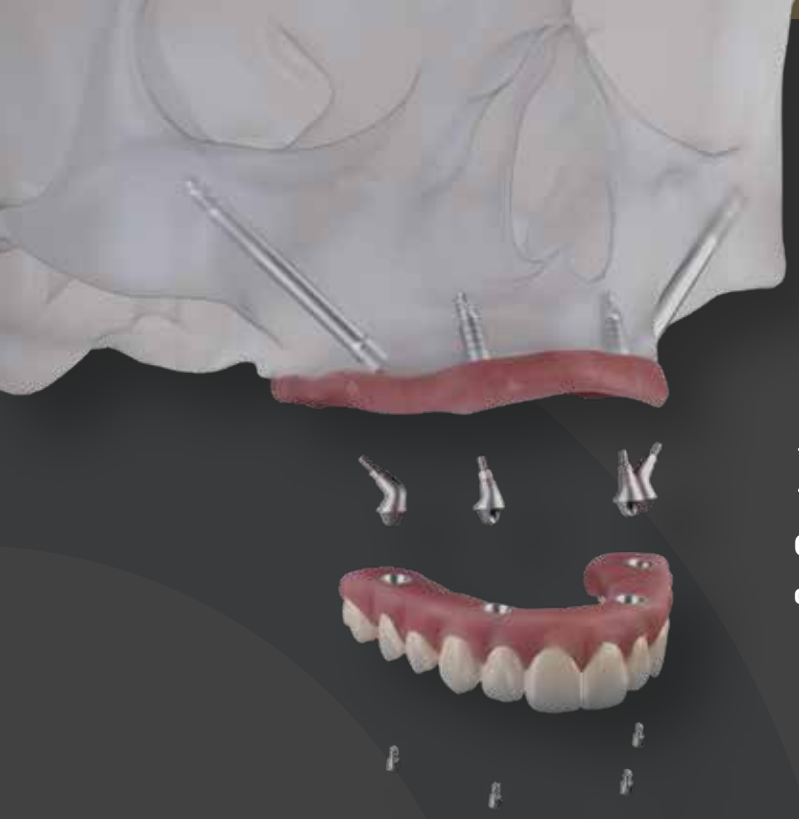
Zygoma GM™

Zygoma-S GM

BONE RESORPTION

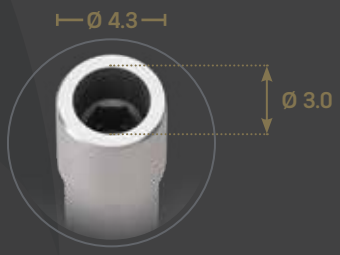
DR JOE BHAT, from United Kingdom

"NeoArch has transformed my full arch reconstructions in my practice. The amount of primary stability I guess in the GM implants is second to none."



Zygoma-S

Greatness in severe atrophic maxilla cases

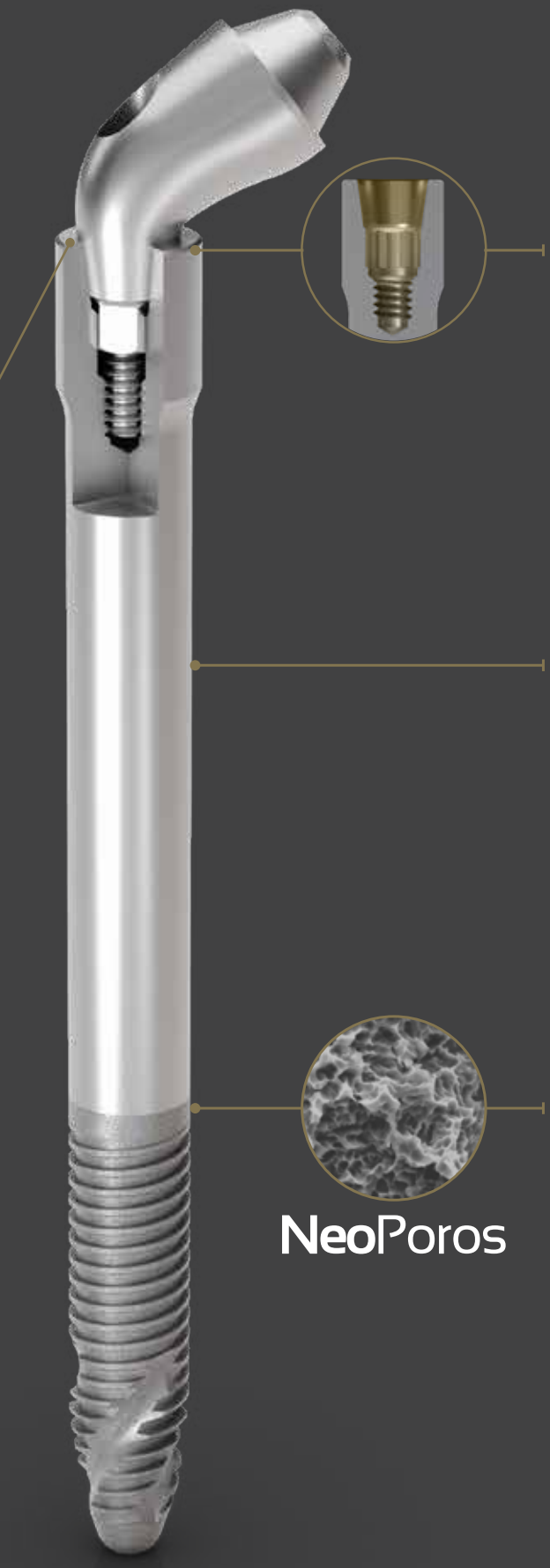


GRAND MORSE® CONNECTION

Meeting edentulous patients' expectations of shorter treatment times and immediate aesthetic and functional improvements present significant challenges for clinicians, especially in patients with anatomical deficiencies. Neodent® GM Zygoma-S Implant System is part of the NeoArch® Grand Morse solution, and offers an optimized solution for immediate fixed treatment protocols in edentulous patients with severe atrophic maxilla, allowing significantly improve patient satisfaction[10].

Visit our website to get further information about **Zygoma-S.**

neodent.com/zygoma-s



Scan, click on QR or visit the link below and learn more about this **unique feature:**

neodent.com/zygoma-s_implant

GRAND MORSE® CONNECTION: A STABLE AND STRONG FOUNDATION DESIGNED FOR LONG TERM SUCCESS.

- One prosthetic connection for all Grand Morse® Implants: ease of use.
- 16º Morse Taper connection: designed to ensure a tight fit for an optimal connection seal.
- Platform switching morse taper connection: fulfils the platform switching concept.
- Deep Morse taper connection: designed for optimal load distribution.
- Internal Indexation: precise abutment positioning, protection against rotation and easy handling.

IMPLANT DESIGNED TO PROVIDE VERSATILE POSSIBILITIES OF PLACEMENT[18], RESULTING IN ANATOMICAL EFFICIENCY

- Implant designed to extra maxillary or intra sinus cases.
- Associated with regular implants or Quad Zygoma placement.
- 3.5mm and 3.75mm of diameter.
- Smooth Machined Surface in the implant body maintains soft-tissue preservation[12].
- Coronal portion with 4.3mm of diameter designed to ensure resistance and a tight fit for an optimal connection seal.
- Ten different lengths: 30 / 35 / 37.5 / 40 / 42.5 / 45 / 47.5 / 50 / 52.5 / 55 mm.

HELIX® GRAND MORSE®: UNBEATABLE VERSATILITY.

- Progressive depth threads at the apical area allow under-prepping of the osteotomy.
- Apex with Neoporos surface, potentializing the osseointegration to enhance the zygomatic anchorage.
- Hybrid contour: enable stability with vertical placement flexibility.
- Dynamic progressive thread design designed to achieve high primary stability in all bone types.
- Active apex: self-tapping.

A SMILE FOR **EVERYONE**

Neodent® Zygoma GM™, Helix GM® Long and GM Zygoma-S Implant Packaging

Neodent® packaging has been specially updated for easy handling and safe surgical procedures, providing safety from implant stocking to the capture and transport to implant bed. The implant's features, such as type, diameter and length, are identifiable on the outside of the packaging.

Three self-adhesive labels are provided for recording in the patient's medical records and for reporting to the prosthesis team. They also allows traceability for all articles.

Package instruction of use

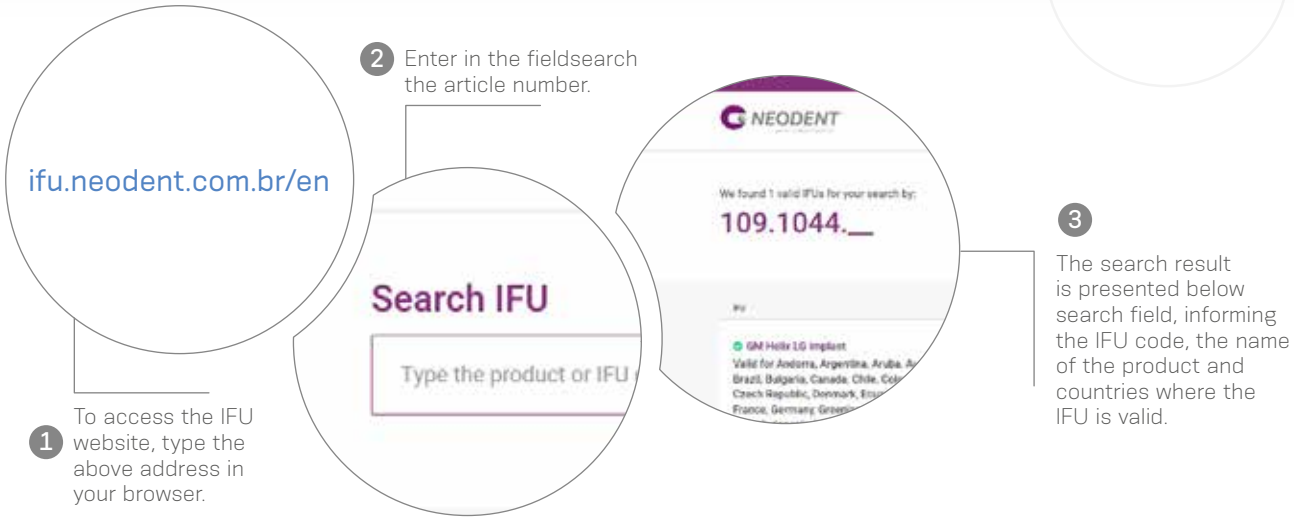
After opening the blister, note that the implant will remain attached at the lid. In order to break the base holder of the implant, hold the lid and apply a contra-torque with the GM Connection for contra-angle (a maximum torque of 20 N.cm). Or for manual installation, use the Zygoma GM™ Implant Driver with the Neo Screwdriver Torque Connection. Finish the implant placement with the aid of the Torque Wrench.

e-IFU – Electronic Instructions For Use

Neodent® innovates once more, providing an on-line platform designed to provide quick and practical use of its own products instructions: the e-IFU (Instructions For Use) website.

To facilitate access, have the article number, which can be found on the external packaging of the product, in this catalogue or with your local distributor. Once the article number is entered in the website, the professional will have access to relevant information to this product, such as description, indication for use, contraindications, handling, traceability and other features.

Access: ifu.neodent.com.br/en



1 To access the IFU website, type the above address in your browser.

2 Enter in the fieldsearch the article number.

3 The search result is presented below search field, informing the IFU code, the name of the product and countries where the IFU is valid.

4 Click the "download" button to open the file.

5 The IFU will automatically open in a new window. In case yor want to download it, click the save as icon to download in your browser.

Helix **GM®** Long

PRODUCT FEATURES:

Implants Description:
• Full dual tapered implant;
• Hybrid contour with a cylindrical coronal part and conical on the apical area;
• Active apex including a soft rounded small tip and helicoidal flutes;
• Dynamic progressive thread design: from compressing trapezoidal threads on the coronal area to self-tapping threads on the apical part;
• Double lead threaded implant;
• Holder integrated to the implant body, which adapt in the packaging;
• Neoporos surface;
• Grand Morse® connection.

Indications:
• Indicated for surgical intraoral installation, in bone types III/IV for cases of total or partial edentulism and for multiple-unit prostheses.

Drilling features:
• For infraosseous positioning it is recommended to add 1 to 2 mm in length to the implant during surgical instrumentation.
• Drilling speed: 500-800 rpm;
• Implant insertion speed: 30 rpm;
• Maximum torque for implant placement: 60 N.cm.

Available with:

NeoPoros®

Drill Sequence

	Initial	Ø 2.35	Ø 3.75	Ø 4.0
	103.453	103.462	103.463	103.464
Ø 3.75 mm	Optional	✓	✓	
Ø 4.0 mm	Optional	✓	✓	✓

Bone types III and IV

The procedure can be with Guided Surgery. Check the instruments for more information.

Helix **GM**® Long implants

		20.0 mm	22.5 mm	25.0 mm
Ø 3.75				
	NeoPoros	109.1043	109.1044	109.1045
Ø 4.0				
	NeoPoros	109.1046	109.1047	109.1048

GM Healing Abutment

	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm
Ø 3.3	106.207	106.208	106.209	106.210	106.211	106.212
Ø 4.5	106.213	106.214	106.215	106.216	106.217	106.218
Ø 5.5		106.250	106.251	106.252	106.253	
Ø 6.5		106.254	106.255	106.256	106.257	

:: Use the manual Neo Screwdriver (104.060); :: Do not exceed the insertion torque of 10 N.cm.

GM Customizable Healing Abutments

Profile	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm	6.5 mm
Ø 5.5	106.223	106.224	106.225	106.226	106.227	
Ø 7.0		106.228	106.229	106.230	106.231	106.232

GM Cover Screw

0 mm	2 mm
117.021	117.022

:: Use the manual Neo Screwdriver (104.060);
:: Do not exceed the insertion torque of 10 N.cm.

Check it out on the eShop, go to:
neodent.com/shopnow

Zygoma **GM™**

PRODUCT FEATURES:

Implants Description:
• Hybrid contour with a cylindrical coronal part and conical on the apical area;
• The apex has a conical profile with a spherical tip and three equally spaced helical flutes;
• Trapezoidal thread and progressive increase of the thread depth at the apical portion;
• Tissue Protect: portion without threads, near the cervical region, indexed to the hexagon face;
• Holder integrated to the implant body, which adapt in the packaging;
• Neoporos surface;
• Grand Morse® connection.

Indications:
• Indicated for surgical procedures in the the posterior region of the maxilla and in the zygoma, in cases of severe maxilla resorption. Zygomatic Implants may be used in immediate loading procedures when there is good primary stability and appropriate occlusal loading.

Drilling features:
• Drilling speed: 800-1200 rpm;
• Lateral Direction Drill speed: 600-800 rpm;
• Implant insertion speed: 30 rpm;
• Maximum torque for implant placement: 60 N.cm.

Available with:

NeoPoros®

Drill Sequence

	Ø 2.35	Lateral Direction Ø 4.0	Pilot Ø 2.3/3.2	Ø 3.75	Ø 4.0
	103.455	103.458	103.465	103.456	103.457
Ø 4.0 mm	✓	Optional	Optional	✓	✓

The procedure can start guided. Check the instruments for more information.

Zygoma **GM™** Implants

	30.0 mm	35.0 mm	37.5 mm	40.0 mm	42.5 mm	45.0 mm	47.5 mm	50.0 mm	52.5 mm	55.0 mm
NeoPoros	109.1049	109.1050	109.1051	109.1052	109.1053	109.1054	109.1055	109.1056	109.1057	109.1058

GM Cover Screw

0 mm	2 mm
117.021	117.022

:: Use the manual Neo Screwdriver (104.060);
:: Do not exceed the insertion torque of 10 N.cm.

Check it out on the eShop, go to:
neodent.com/shopnow

GM Zygoma-S

PRODUCT FEATURES:

Implants Description:
• Hybrid contour with a cylindrical shape coronal and medium parts. part; conical shape on the apical area;
• Tissue Protect: Smooth machined surface in the implant body, designed for extramaxillary approaches.
• The apex has a conical profile with a spherical tip and three equally spaced helical flutes;
• Trapezoidal thread and progressive increase of the thread depth at the apical portion;
• Holder integrated to the implant body, which adapt in the packaging;
• Neoporos surface;

Indications:
• Indicated for surgical procedures in the the posterior region of the maxilla and in the zygoma, in cases of severe maxilla resorption and an Zygoma-S was designed for extramaxillary Zygomatic Implants may be used in immediate loading procedures when there is good primary stability and appropriate occlusal loading.

Drilling features:
• Initial Drill speed: 600-1200 rpm
Initial Lateral Cutting Drill speed: 20000 rpm (handpiece)
• Drilling sequence: 600-1200 rpm
• Implant insertion speed: 30 rpm;
• Maximum torque for implant placement: 60 N.cm.

Available with:

NeoPoros®

Drill Sequence

	Initial Drill 103.453	Initial lateral cutting drill 103.613	Ø 2.35 103.455 71 mm 103.614 100 mm 103.454 guided	Lateral cutting drill Ø 4.0 103.619	Ø 3.5 103.615 71 mm 103.616 100 mm	Ø 3.75 103.617 71 mm 103.618 100 mm	Pilot drill Ø 4.0 103.620
Ø 3.5 mm	Optional	Optional	✓	Optional	✓	- - -	Optional
Ø 3.75 mm	Optional	Optional	✓	Optional	✓	✓	Optional

GM Zygoma-S implants

	30.0 mm	35.0 mm	37.5 mm	40.0 mm	42.5 mm	45.0 mm	47.5 mm	50.0 mm	52.5 mm	55.0 mm
Ø 3.5 NeoPoros	109.1086	109.1087	109.1088	109.1089	109.1090	109.1091	109.1092	109.1093	109.1094	109.1095
Ø 3.75 NeoPoros	109.1096	109.1097	109.1098	109.1099	109.1100	109.1101	109.1102	109.1103	109.1104	109.1105

GM Cover Screw

0 mm	2 mm
117.021	117.022

:: Use the manual Neo Screwdriver (104.060);
:: Do not exceed the insertion torque of 10 N.cm.

Check it out on the eShop, go to: neodent.com/shopnow

GM Mini Conical Abutment

Multiple-unit screw-retained prosthesis

Ø 4.8 mm

Check it out on the eShop, go to: neodent.com/shopnow

Consider in addition 1.5 - 2.0 mm for the restorative material;

Minimum interocclusal space of 4.5 mm from the mucosa level for straight abutments;

Exact;

Neo Removable Screw.

Installation Sequence

32 N.cm (1) GM Mini Conical Abutment

0.8 mm	1.5 mm	2.5 mm
115.243	115.244	115.245
3.5 mm	4.5 mm	5.5 mm
115.246	115.247	115.248

or

20 N.cm (2) GM Exact Mini Conical * Abutment 17°/30°/45° 45°/45° slim/52° 60°

	17°	30°	45°	45° slim	52°	60°
1.5 mm	115.275	115.278	115.281	115.302	115.300	115.285
2.5 mm	115.276	115.279	115.282	115.303	115.301	115.286
3.5 mm	115.277	115.280				

Intraoral

Mini Conical Abutment Scanbody (3) 108.218

Mini Conical Abutment Hybrid Repositionable Analog 101.092

Neo Mini Conical Abutment One Step Hybrid Coping

10 N.cm (2)

118.382 Regular

118.410 Long

Model Scanning

Slim Mini Conical Abutment Open Tray Impression Coping (3) 108.176

Mini Conical Abutment Hybrid Repositionable Analog 101.092

Mini Conical Abutment Scanbody (3) 108.218

Neo Mini Conical Abutment One Step Hybrid Coping

10 N.cm (2)

118.382 Regular

118.410 Long

Conventional

Slim Mini Conical Abutment Open Tray Impression Coping (3) 108.176

Neo Mini Conical Abutment Titanium Coping

10 N.cm (2)

118.302

or

Neo Mini Conical Abutment Protection Cylinder (3)

106.268 Regular

106.278 Wide

Mini Conical Abutment Analog

101.092 Hybrid Repositionable (conventional/digital)

101.020 Conventional

Neo Mini Conical Abutment CoCr Coping

10 N.cm (2)

118.303

or

Neo Mini Conical Abutment Burn-out Coping

10 N.cm (2)

118.301

The 45° Mini Conical Abutment Slim, 45° Mini Conical Abutment and the 52° Mini Conical Abutment are indicated for use only with Zygoma GM™ and GM Zygoma-S.

*The 60° Mini Conical Abutment is indicated for use only with Zygoma GM™ and GM Zygoma-S.

Drivers

1 Hexagonal Prosthetic Driver + Torque Wrench

2 Neo Screwdriver Torque Connection + Torque Wrench

3 Neo Screwdriver Torque Connection + Manual Screwdriver Torque

Accessories

Replacement Abutment Screw

116.291 Neo GM Screw - for abutments with 1.5-2.5 GH

116.292 Neo GM Screw (Long) - for abutments with 3.5 GH

Sealing pin mini conical abutment one step hyb cop (5 un.)

118.411

Mini Conical Abutment Polishing Protector

123.008

Replacement Coping Screw

116.269 Titanium

116.270 Neotorque*

*Application of a film carbon-based coat that provides a lower friction coefficient, resulting in increased pre-load.

Measurements GM Mini Conical Abutment

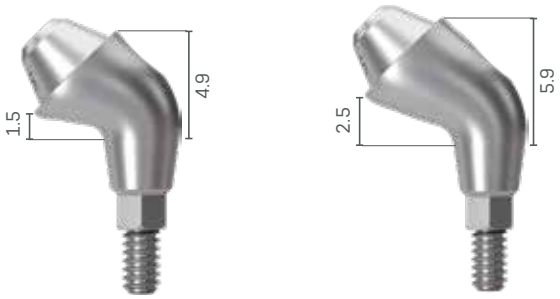
17°

115.275 115.276 115.277

30°

115.278 115.279 115.280

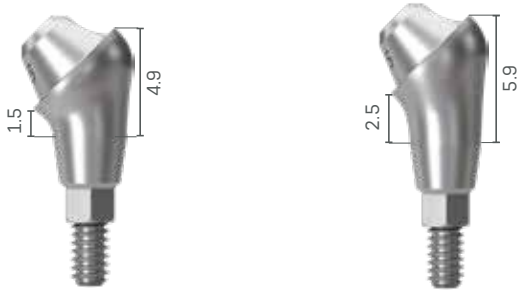
45°*



115.281 115.282

*The 45° Mini Conical Abutment is indicated for use only with Helix GM® Long, Zygoma GM™ and GM Zygoma-S.

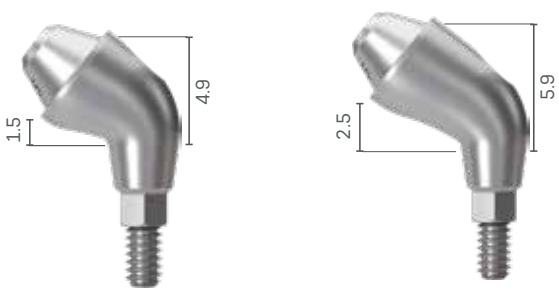
45° slim*



115.302 115.303

The 45° Mini Conical Abutment Slim is indicated for use only with Zygoma GM™ and GM Zygoma-S.

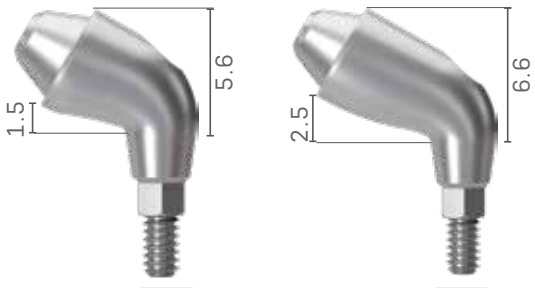
52°*



115.300 115.301

The 52° Mini Conical Abutment is indicated for use only with Zygoma GM™ and GM Zygoma-S.

60°*



115.285 115.286

*The 60° Mini Conical Abutment is indicated for use only with Zygoma GM™ and GM Zygoma-S.

NeoConvert™
Transforming smiles

THE **NEODENT®** TECHNIQUE FOR IMPROVING THE **CONVERSION** FROM **REMOVABLE TO FIXED DENTURES**.

Fixed full arch solutions have an important role in implant dentistry.(1) For patients, a life-time decision towards an improved quality of life. For dentists, the satisfaction of overcoming limitations to exceed expectations.

The challenges in this journey are directly related to decreasing the time for fixed teeth, and improving comfort during the procedures while keeping treatment affordability. All these aspects are crucial for decision-making, and the technique of choice has a relevant impact on the journey.

NeoConvert delivers a different way to transform smiles: a first step to full arch immediacy developed to enable temporary treatment with lower chair time and greater predictability with a straightforward workflow, whether performed chairside or in the lab.

THE FIRST STEP FOR IMMEDIACY:
SIMPLE AS IT SHOULD BE

NeoConvert is a game-changing technique to convert removable to fixed dentures: the simplicity in every step for immediacy.

IMMEDIATE FULL ARCH TREATMENT:
ONE STEP CLOSER TO EFFECTIVENESS

NeoConvert values your chair time with efficiency: full conversion technique in your hands with a straightforward workflow.

Discover the NeoConvert
Scan, click on QR or visit the link below:

neodent.com/neoconvert

Installation Sequence

Abutment selection

1 — 32 N.cm — GM Mini Conical Abutment

0.8 mm	1.5 mm	2.5 mm
115.243	115.244	115.245
3.5 mm	4.5 mm	5.5 mm
115.246	115.247	115.248

or

2 — 20 N.cm — GM Exact Mini Conical Abutment 17°/30°/45° 45°/45° slim/52° 60°

	17°	30°	45°	45° slim	52°	60°
1.5 mm	115.275	115.278	115.281	115.302	115.300	115.285
2.5 mm	115.276	115.279	115.282	115.303	115.301	115.286
3.5 mm	115.277	115.280				

*The 45° Mini Conical Abutment is indicated for use only with Helix GM® Long, Zygoma GM™ and GM Zygoma-S.

Conversion Technique

Mini Conical Abutment Coping NeoConvert 5.0 (5 un.)

118.408

or

Mini Conical Abutment Coping NeoConvert 6.5 (5 un.)

118.409

or

Mini Conical Abutment Distal Bar NeoConvert

125.207

The 45° Mini Conical Abutment Slim, 45° Mini Conical Abutment and the 52° Mini Conical Abutment are indicated for use only with Zygoma GM™ and GM Zygoma-S.

Pin Capture NeoConvert (5 un.) 3

116.300

*The 60° Mini Conical Abutment is indicated for use only with Zygoma GM™ and GM Zygoma-S.

Prosthesis installation

Neo Mini Conical Abutment Coping Screw 4.1 (5 un.)

1 — 10 N.cm

116.301

Mini Conical Abutment Polishing Protector

123.008

Drivers

1 

Hexagonal Prosthetic Driver

105.137

+ 

Torque Wrench

104.050

2 

Neo Screwdriver Torque Connection

105.132

+ 

Torque Wrench

104.050

3 

Digital Driver Pin Capture NeoConvert

104.074

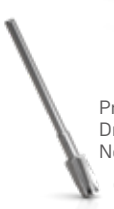
Accessories

Neoconvert Kit Case

110.339

Drill Guide for Handpiece 1.5mm NeoConvert

125.206

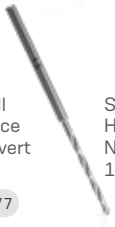


Preparation Drill Handpiece NeoConvert

103.676

First Drill Handpiece NeoConvert 1.5mm

103.677



Second Drill Handpiece NeoConvert 1.5mm

103.678

Third Drill Handpiece NeoConvert 2.0mm

103.679

Check it out on the eShop, go to: neodent.com/shopnow

GM Attachment TiN* for Removable Prostheses

Overdenture

Angled version with removable screw.

Check it out on the eShop, go to: neodent.com/shopnow

Installation Sequence

GM Attachment TiN* for Removable Prostheses

20 N.cm 1

0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm
102.148	102.149	102.150	102.151	102.152	102.153

or

GM Attachment TiN* for Removable Prostheses 15° (with removable screw)

20 N.cm 1

0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm
102.154	102.155	102.156	102.157	102.158	102.159

Impression Coping
4 units
2010.722-NOV

Model Analog
2010.721-NOV

Model Analog 15°
2010.720-NOV

Processing Collar
2010.724-NOV

Matrix Housing
(including Processing Spacer)

Extended
2010.703-NOV

Titanium
2010.701-NOV

PEEK
2010.702-NOV

Retention Insert

Red (approx. 300 g)
2010.710-NOV

Yellow (approx. 1200 g)
2010.712-NOV

Blue (approx. 2100 g)
2010.714-NOV

White (approx. 750 g)
2010.711-NOV

Green (approx. 1650 g)
2010.713-NOV

Black (approx. 2550 g)
2010.715-NOV

*TiN - Titanium nitride

Drivers

1 Neo Screwdriver Torque Connection

+

Torque Wrench

Accessories

Equipment Box
2010.101-NOV

Block Out Spacer
2010.723-NOV

Processing Insert
2010.725-NOV

Matrix Housing Extraction Instrument
2010.751-NOV

Retention Insert Instrument
2010.741-NOV

Processing Insert Removal Instrument
2010.731-NOV

GM Mini Conical Abutment Coping for Removable Prosthesis

Overdenture

Recommended for overdentures in association with Mini Conical Abutments.

Check it out on the eShop, go to: neodent.com/shopnow

Installation Sequence

1 — 32 N.cm — GM Mini Conical Abutment

0.8 mm	1.5 mm	2.5 mm
115.243	115.244	115.245
3.5 mm	4.5 mm	5.5 mm
115.246	115.247	115.248

or

2 — 20 N.cm — GM Exact Mini Conical * Abutment 17°/30°/45° 45°/45° slim/52° 60°

	17°	30°	45°	45° slim	52°	60°
1.5 mm	115.275	115.278	115.281	115.302	115.300	115.285
2.5 mm	115.276	115.279	115.282	115.303	115.301	115.286
3.5 mm	115.277	115.280				

2 — 15 N.cm — Mini Conical Abutment Coping for Removable Prosthesis

118.391

Impression Coping 4 units

2010.722-NOV

Model Analog

2010.721-NOV

Processing Collar

2010.724-NOV

Matrix Housing (including Processing Spacer)

Extended — 2010.703-NOV

Titanium — 2010.701-NOV

PEEK — 2010.702-NOV

Retention Insert

Red (approx. 300 g) — 2010.710-NOV

Yellow (approx. 1200 g) — 2010.712-NOV

Blue (approx. 2100 g) — 2010.714-NOV

White (approx. 750 g) — 2010.711-NOV

Green (approx. 1650 g) — 2010.713-NOV

Black (approx. 2550 g) — 2010.715-NOV

The 45º Mini Conical Abutment Slim. 45º Mini Conical Abutment and the 52º Mini Conical Abutment are indicated for use only with Zygoma GM™ and GM Zygoma-S.

*The 60º Mini Conical Abutment is indicated for use only with Zygoma GM™ and GM Zygoma-S.

Drivers

1 —  Hexagonal Prosthetic Driver +  Torque Wrench

2 —  Neo Screwdriver Torque Connection +  Torque Wrench

*Application of a film carbon-based coat that provides a lower friction coefficient, resulting in increased pre-load.

Accessories

Replacement Abutment Screw

116.291 Neo GM Screw - for abutments with 1.5-2.5 GH

116.292 Neo GM Screw (Long) - for abutments with 3.5-5.5 GH

Mini Conical Abutment Polishing Protector

123.008

Replacement Coping Screw

116.269 Titanium

116.270 Neotorque*

Equipment Box — 2010.101-NOV

Block Out Spacer — 2010.723-NOV

Processing Insert — 2010.725-NOV

Matrix Housing Extraction Instrument — 2010.751-NOV

Retention Insert Instrument — 2010.741-NOV

Processing Insert Removal Instrument — 2010.731-NOV

NeoArch®
Kits

Helix GM® Long Compact Surgical Kit

Autoclavable polymer case.

Articles

- 110.300 Helix GM® Long Compact Surgical Kit Case
- 103.395 Guided Surgery Drill 1.3mm
- 125.100 Guided Surgery Guide Clamp
- 125.140 Drill Guide For NGS Helix GM® Long 2.0/2.35mm
- 125.141 Drill Guide For NGS Helix GM® Long 3.75/4.0mm
- 103.459 Twist Drill For NGS Helix GM® Long 2.35mm
- 103.460 Twist Drill For NGS Helix GM® Long 3.75mm
- 103.461 Twist Drill For NGS Helix GM® Long 4.0mm
- 103.453 Helix GM® Long Initial Drill 2.0mm
- 103.462 Twist Drill For Helix GM® Long 2.35mm
- 103.463 Twist Drill For Helix GM® Long 3.75mm
- 103.464 Twist Drill For Helix GM® Long 4.0mm
- 129.021 Helix GM® Long X-ray Positioner
- 128.032 GM Angle Measurer 17º
- 128.033 GM Angle Measurer 30º
- 128.034 GM Angle Measurer 45º
- 105.143 Regular Guided Surgery GM Connection for Torque Wrench
- 105.172 Regular Guided Surgery GM Connection - Contra-angle
- 104.060 Neo Manual Screwdriver (medium)
- 105.129 GM Implant Driver - Torque Wrench (short)
- 105.168 GM Implant Driver - Contra-angle
- 104.050 Torque Wrench

Check it out on the eShop, go to: neodent.com/shopnow

Note: Items that compose Neodent® Kits are sold separately.

Zygoma GM™ Surgical Kit

Autoclavable polymer case.

Articles

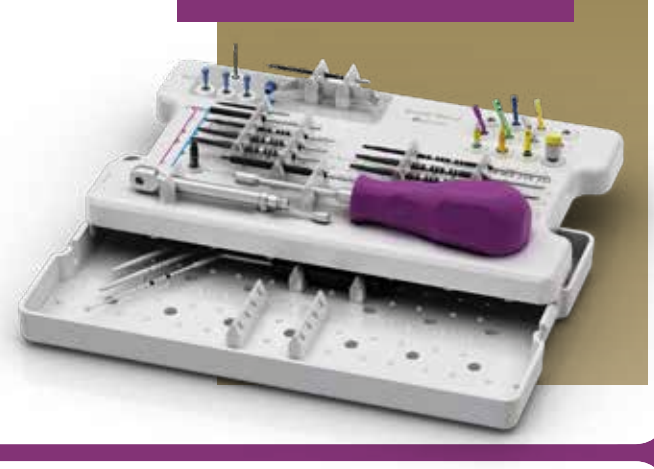
- 110.299 Zygoma GM™ Surgical Kit Case
- 103.395 Guided Surgery Drill 1.3mm
- 125.100 Guided Surgery Guide Clamp
- 125.139 Drill Guide For Ngs Zygoma GM™ 2.35mm
- 103.454 Twist Drill For Ngs Zygoma GM™ 2.35mm
- 103.455 Twist Drill For Zygoma GM™ 2.35mm
- 103.456 Twist Drill For Zygoma GM™ 3.75mm
- 103.457 Twist Drill For Zygoma GM™ 4.0mm
- 103.458 Lateral Direction Drill For Zygoma GM™ 4.0mm
- 103.465 Pilot Twist Drill For Zygoma GM™ 2.3/3.2mm
- 104.063 Zygoma GM™ Installation Driver
- 129.022 Zygoma GM™ Probe 2.35mm
- 129.023 Zygoma GM™ Probe 4.0mm
- 128.032 GM Angle Measurer 17º
- 128.033 GM Angle Measurer 30º
- 128.034 GM Angle Measurer 45º
- 128.028 GM Height Measurer
- 104.060 Neo Manual Screwdriver (medium)
- 105.129 GM Implant Driver - Torque Wrench (short)
- 105.168 GM Implant Driver - Contra-angle
- 104.050 Torque Wrench

Check it out on the eShop, go to: neodent.com/shopnow

Note: Items that compose Neodent® Kits are sold separately.

GM Zygoma-S Surgical Kit

Autoclavable polymer case.



Articles

110.321	GM Zygoma-S surgical case
103.395	Guided surgery drill, 1.3
103.454	Twist drill for NGS GM zygomatic, 2.35
128.032	GM angle measurer, 17 degrees
128.033	GM angle measurer, 30 degrees
125.142	NGS guide clamp
125.142	NGS guide clamp
125.142	NGS guide clamp
125.139	Drill guide for GM Zygomatic, stainless steel/ti, 2.35
128.034	GM angle measurer, 45 degrees
128.043	GM angle measurer, 52 degrees
128.035	GM angle measurer, 60 degrees
103.453	GM helix lg initial drill
105.168	GM contra-angle driver
105.129	GM short torque wrench driver
128.028	GM height measurer
104.058	Short neo manual screwdriver
103.613	Multilaminate initial drill for Zygoma-S
103.455	Twist drill for GM Zygomatic, 2.35
103.614	Conical drill for Zygoma-s, 2.35 x 100 mm
103.615	Conical drill for Zygoma-s, 3.5 x 71 mm
103.616	Conical drill for Zygoma-s, 3.5 x 100 mm
103.617	Conical drill for Zygoma-s, 3.75 x 71 mm
103.618	Conical drill for Zygoma-s, 3.75 x 100 mm
103.620	Pilot drill for Zygoma-s, 4.3
103.619	Multilaminate drill for Zygoma-s, 4.0 x 71 mm
104.050	Torque wrench
104.063	GM Zygomatic installation driver, stainless steel/pol.
129.039	Zygoma-S GM depth probe, 3.75
129.038	Zygoma-S GM depth probe, 3.5
129.037	Zygoma-S GM depth probe, 2.35

Note: Items that compose Neodent® Kits are sold separately.

Check it out on the eShop, go to: neodent.com/shopnow

NeoArch®
Instruments

Helix GM® Long Drills

:: Available in surgical steel;
:: Drill sequence for Helix GM® Long implants.

Initial	Ø 2.35	Ø 3.75	Ø 4.0
103.453	103.462	103.463	103.464

Helix GM® Long Drills for Guided Surgery

:: Available in surgical steel;
:: Drill sequence for Helix GM® Long implants on Guided Surgery.

Ø 2.35	Ø 3.75	Ø 4.0
103.459	103.460	103.461

Zygoma GM™ Drills

:: Available in surgical steel;
:: Drill sequence for Zygoma GM™ implants.

	Pilot		
Ø 2.35	Ø 2.3/3.2	Ø 3.75	Ø 4.0
103.455	103.465	103.456	103.457

Zygoma GM™ Lateral Direction Drill

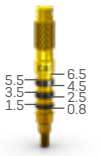
:: Available in surgical steel;
:: Spherical tip with guide pin and helical blades for preparing the site for the implant placement in the exteriorized technique.

Ø 4.0
103.458

Zygoma GM™ Drill for Guided Surgery

:: Available in surgical steel;
:: After using the first drill, the surgical guide must be removed and the conventional protocol must be started.

Ø 2.35
103.454



GM Height Measurer

:: Available in titanium;
:: For selecting GM prosthetic abutments;
:: Marks corresponding to transmucosa heights.
:: Can be used as X-Ray Positioner.

128.028

GM Implant Driver - Contra-Angle

:: To capture the implant directly from the packaging;
:: To place GM Implants with contra-angle, or attached to a manual driver for contra-angle connections (104.028) for hand placement;
:: With six dimples to indicate the hex index face position;
:: The laser marks indicate the depth of implant placement, bone level, 1 and 2mm infra-bone and last marking (3mm) biological space;
:: Maximum torque 35 N.cm.

Regular	Long
105.168	105.176

GM Implant Driver - Torque Wrench

:: To place GM Implants with the Torque Wrench (104.050);
:: With six marks to indicate the hex index face position;
:: The laser marks indicate the depth of implant placement, bone level, 1 and 2mm infra-bone and last marking (3mm) biological space;
:: Maximum torque: 60 N.cm.

Short 22 mm	Long 30 mm	Extra-long 45 mm
105.129	105.130	105.156

Neo Screwdriver Torque Connection - Torque Wrench

:: Available in surgical steel;
:: Yellow color for line identification.

Short 16.5 mm	Medium 22 mm	Long 32 mm
105.133	105.132	105.157

Neo Manual Screwdriver

:: Available in surgical steel;
:: Yellow color for line identification.

Short 21 mm	Medium 25 mm	Long 37 mm
104.058	104.060	104.070

Neo Screwdriver Torque Connection - Contra-angle

:: Available in surgical steel;
:: Yellow color for line identification;
:: Medium Neo Screwdriver Torque Connection
:: Extra Short Neo Screwdriver Torque Connection - Contra-angle (105.146) recommended for Impression Copings, Cover Screws and Healing Abutments.

Extra Short 16.5 mm	Short 24 mm	Long 31 mm	Extra Long 37 mm
105.146	105.135	105.160	105.167

Hexagonal Prosthetic Driver

:: Available in surgical steel;
:: To install and apply torque over straight GM Mini Conical Abutments and GM Micro Abutments;
:: Yellow color for line identification.

Contra-angle	Torque Wrench
105.138	105.137

GM Bone Profile Drill with Guide

:: Available in surgical steel;
:: Used in the surgical second step;
:: Conforms the bone around the implant platform, preparing the emergence profile to be suitable to prosthetic components.

103.424

GM Angle Measurer

:: Available in titanium;
:: To a more accurate selection and planning of the abutments angulation during the prosthetic phase.

17°	30°	45°	52°	60°
128.032	128.033	128.034	128.043	128.035

Helix GM® Long Drill Guide for Guided Surgery

:: Instrument with the purpose of guiding the drills during the bone bed preparation according to the guided surgery technique.

Ø 2.0/2.35	Ø 3.75/4.0
125.140	125.141

Zygoma GM™ and GM Zygoma-S Drill Guide for Guided Surgery

:: Instrument with the purpose of starting the Zygomatic Surgery guided.

Ø 2.35
125.139

Check it out on the eShop, go to: neodent.com/shopnow

Guided Surgery Drill 1.3 and Guide Clamp

:: Drill available in surgical steel;
:: Guide Clamp available in titanium;
:: For initial fixation of the surgical guide.

Drill Ø 1.3	Guide Clamp
103.395	125.100

Guided Surgery GM Connection - Contra-Angle

:: Available in stainless steel;
:: To start the implant placement through the surgical guide.

Regular
105.172

Guided Surgery GM Connection - Torque Wrench

:: Available in stainless steel;
:: To finish the implant placement through the surgical guide.

Regular
105.143

Helix GM® Long X-ray Positioner

:: Indicated for evaluation of the osteotomy depth in the implant placement procedure.

129.021

Zygoma GM™ and GM Zygo-ma-S Probes

:: Available in Stainless Steel;
:: The probe for the drill Ø2.35 mm has a tip design in L;
:: The probes for the drills Ø3.5 and Ø3.75 mm have a tip with a design similar to the apex of the correspondent drill that allows identifying the correct drilling depth for implant anchorage.

	Ø 2.35	Ø 4.0
Zygoma GM ™	129.022	129.023

	Ø 2.35	Ø 3.5	Ø 3.75
Zygoma-S	129.037	129.038	129.039

Zygoma GM™ and GM Zygoma-S Installation Driver

:: Instrument for application of manual torque.

104.063

Torque Wrench

:: Available in surgical steel;
:: Fitting for square connections;
:: Collapsible Wrench that allows for proper assembly cleaning;
:: For full instructions see page 80.

104.050

Remover for Abutments with internal threads

:: Available in surgical steel;
:: To remove abutments with internal threads from the implants, after removal of the screws;
:: Compatible with abutments with Neo removable Screws

Regular	Long
130.118	130.114

Remover for Neo Screws

:: Available in surgical steel;
:: Compatible with Neo remvoable screws for abutments

Regular	Long
130.119	130.115

Check it out on the eShop, go to: neodent.com/shopnow

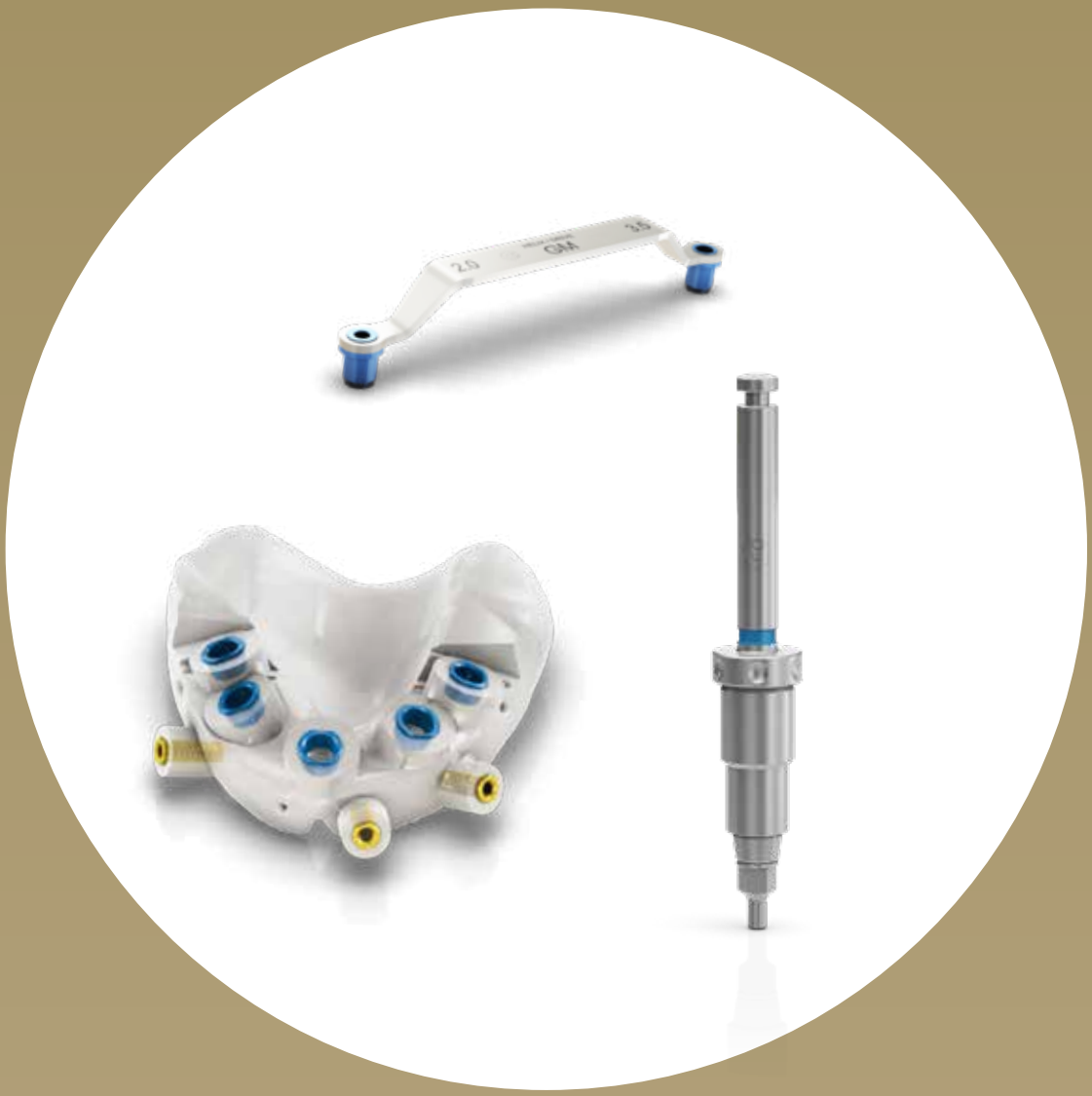
Removal Sets for Abutments with internal threads and Neo Screws

:: Available in surgical steel;
:: To remove Neo Removable Screws and abutments with internal threads from the implants, after removal of the screws;
:: Compatible with abutments with Neo removable Screws

Regular	Long
130.117	130.116

GRAND MORSE®
NEODENT®GUIDED SURGERY.
GRAND POSSIBILITIES WITH A LIMITLESS SOLUTION

Patients' expectations regarding tooth replacement are increasing and are even higher when it comes to treatment duration and esthetic outcomes. The Neodent® Guided Surgery helps clinicians to provide prosthetically driven treatments, enabling them to perform immediate protocols with peace of mind, fulfilling patients' expectations.



DR IVA MILINKOVICH, from Serbia

"What I like about the system is implant designed, the selection of surgical components, and the possibilities of using it in guided surgery. I find it really user-friendly and the wide selection of implants and diameters."

DIFFERENTIATE YOUR PRACTICE WITH GUIDED SURGERY.

Improve patient quality of life.

- Functional with an immediate fixed restoration.
- Esthetical with a personalized restoration and less bone remodeling[13].
- Comfort by the reduction of operative and postoperative discomfort (e.g. reduced patient chair time).

Access to more treatment options.

- Reliable access to flapless surgery[14-16].
- Designed to reduce bone grafting procedures.
- Predictable immediate protocols.

Increase patient acceptance.

- Better communication building trust with patients.
- Reliable treatment estimates from root to tooth including components and procedures.

SURGICAL PREDICTABILITY AND EFFICIENCY WITH A LIMITLESS SOLUTION.

Guided surgery is designed to reduce chair time and postoperative discomfort. It helps increasing implant positioning accuracy[17].

Complete
Helix® and Drive GM®
Implants portfolio

Convenient
Color-coded instruments
and symbol-marked

Flexible
2 sleeve height positions

Neodent® Guided Surgery Kit for Grand Morse®

Compatible with major
guided surgery software

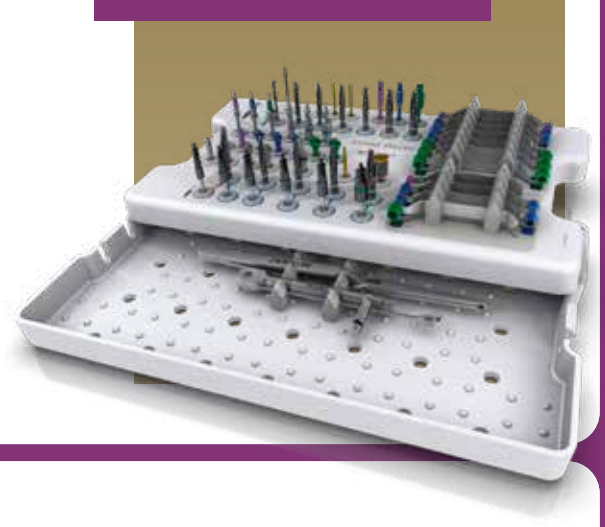
Guided implant
insertion

Guided bed
preparation

Neodent® Guided Surgery **Kit**

Grand Morse® Guided Surgery Surgical Kit

Autoclavable polymer case.
The Kit allows the use of Helix GM® and Drive GM® Implants in the Guided Surgery technique.



Articles

110.296	GM Guided Surgery Surgical Kit Case
103.395	Guided Surgery 1.3
125.100	Guided Surgery Guide Clamp
103.429	Narrow Guided Surgery Punch - Contra-Angle
103.430	Regular Guided Surgery Punch - Contra-Angle
103.431	Wide Guided Surgery Punch - Contra-Angle
103.432	Guided Surgery Drill 2.0
103.433	Tapered Guided Surgery Drill 3.5*
103.434	Tapered Guided Surgery Drill 3.75*
103.435	Tapered Guided Surgery Drill 4.0*
103.436	Tapered Guided Surgery Drill 4.3*
103.437	Tapered Guided Surgery Drill 5.0*
103.438	Tapered Guided Surgery Drill 6.0*
105.171	Narrow Guided Surgery GM Connection - Contra-angle
105.172	Regular Guided Surgery GM Connection - Contra-angle
105.173	Wide Guided Surgery GM Connection - Contra-angle
105.142	Narrow Guided Surgery GM Connection for Torque Wrench
105.143	Regular Guided Surgery GM Connection for Torque Wrench
105.144	Wide Guided Surgery GM Connection for Torque Wrench
125.130	Narrow Guided Surgery GM Guide Stabilizer
125.131	Regular Guided Surgery GM Guide Stabilizer
125.132	Wide Guided Surgery GM Guide Stabilizer
125.133	Narrow Guided Surgery GM Guide Stabilizer (Long)
125.134	Regular Guided Surgery GM Guide Stabilizer (Long)
105.145	Guided Surgery GM H11 Connection for Torque Wrench
105.160	Neo Screwdriver Torque Connection - Contra-angle (Long)
104.060	Neo Manual Screwdriver (Medium)
103.439	Tapered Contour Guided Surgery Drill 3.5*
103.440	Tapered Contour Guided Surgery Drill 3.75*
103.441	Tapered Contour Guided Surgery Drill 4.0*
103.442	Tapered Contour Guided Surgery Drill 4.3*
103.443	Tapered Contour Guided Surgery Drill 5.0*
103.444	Narrow Guided Surgery GM Pilot Drill 3.5
103.445	Regular Guided Surgery GM Pilot Drill 3.5
103.446	Guided Surgery GM Pilot Drill 3.75
103.447	Guided Surgery GM Pilot Drill 4.0
103.448	Guided Surgery GM Pilot Drill 4.3
103.449	Guided Surgery GM Pilot Drill 5.0
125.119	Narrow Guided Surgery Drill Guide 2.0/3.5
125.121	Regular Guided Surgery Drill Guide 2.0/3.5
125.122	Regular Guided Surgery Drill Guide 3.75/4.0
125.123	Regular Guided Surgery Drill Guide 4.3
125.126	Wide Guided Surgery Drill Guide 2.0/3.5
125.127	Wide Guided Surgery Drill Guide 4.0/4.3
125.128	Wide Guided Surgery Drill Guide 5.0/6.0
125.120	Narrow Tapered Contour Guided Surgery Drill Guide 3.5
125.124	Regular Tapered Contour Guided Surgery Drill Guide 3.5/3.75
125.125	Regular Tapered Contour Guided Surgery Drill Guide 4.0/4.3
125.129	Wide Tapered Contour Guided Surgery Drill Guide 5.0
129.001	Titanium Tweezers
104.050	Torque Wrench

Note: Items that compose Neodent® Kits are sold separately.

*Conventional guided surgery drills that can be replaced by the respective short version.

Check it out on the eShop, go to: neodent.com/shopnow

Neodent®
Guided Surgery
Instruments

Guided Surgery Tapered Drills

:: Available in surgical steel;
:: Drill sequence for Helix GM® and Drive GM® Implants in the guided surgery technique;
:: Fully guided technique with Short Drills indicated for 8, 10 or 11.5 mm long implants.

	Ø 2.0	Ø 3.5	Ø 3.75	Ø 4.0	Ø 4.3	Ø 5.0	Ø 6.0
Short 36.5 mm	103.475	103.476	103.477	103.478	103.479	103.480	103.481
Regular 41 mm	103.432	103.433	103.434	103.435	103.436	103.437	103.438

Guided Surgery Drill 1.3 and Guide Clamp

:: Drill available in surgical steel;
:: Guide Clamp available in titanium;
:: For initial fixation of the surgical guide.

Drill Ø 1.3	Guide Clamp
103.395	125.100

Guided Surgery Tapered Contour Drills

:: Available in surgical steel;
:: Drill sequence for Helix GM® Implants in the guided surgery technique for bone types I or II;
:: Fully guided technique with Short Drills indicated for 8, 10 or 11.5 mm long implants.

	Ø 3.5+	Ø 3.75+	Ø 4.0+	Ø 4.3+	Ø 5.0+
Short 36.5 mm	103.482	103.483	103.484	103.485	103.486
Regular 41 mm	103.439	103.440	103.441	103.442	103.443

Guided Surgery Punch - Contra-Angle

:: Available in titanium;
:: Color-coded according to the sleeve diameter;
:: To remove the mucosa before beginning the osteotomy.

Narrow	Regular	Wide
103.429	103.430	103.431

Guided Surgery GM Pilot Drills

:: Available in surgical steel;
:: Color-coded according to the sleeve diameter;
:: Recommended for Helix GM® in bone types I or II;
:: Optional Drive GM® in bone types III or IV.

Narrow		Regular		Wide	
Ø 3.5	103.444	Ø 3.5	103.445	Ø 5.0	103.449
		Ø 3.75	103.446		
		Ø 4.0	103.447		
		Ø 4.3	103.448		

Guided Surgery Drill Guides

:: Available in titanium and stainless steel;
:: Color-coded according to the sleeve diameter;
:: To fit in the sleeve in the surgical guide;
:: To be used with correspondent drill diameter and type.

Narrow		Regular		Wide	
Ø 2.0/3.5	125.119	Ø 2.0/3.5	125.121	Ø 2.0/3.5	125.126
Ø 3.5+	125.120	Ø 3.75/4.0	125.122	Ø 4.0/4.3	125.127
		Ø 4.3	125.123	Ø 5.0/6.0	125.128
		Ø 3.5+/3.75+	125.124	Ø 5.0+	125.129
		Ø 4.0+/4.3+	125.125		

Check it out on the eShop, go to: neodent.com/shopnow

Guided Surgery GM Connection - Contra-Angle

:: Available in stainless steel;
:: Color-coded according to the sleeve diameter;
:: To start the implant placement through the surgical guide.

Narrow	Regular	Wide
105.171	105.172	105.173

Guided Surgery Guide Stabilizers

:: Available in titanium;
:: Color-coded according to the sleeve diameter;
:: Additional fixation of the surgical guide.

Narrow	Regular	Wide
125.130	125.131	125.132

Guided Surgery GM Connection - Torque Wrench

:: Available in stainless steel;
:: Color-coded according to the sleeve diameter;
:: To finish the implant placement through the surgical guide.

Narrow	Regular	Wide
105.142	105.143	105.144

Guided Surgery Guide Stabilizers - Long

:: Available in titanium;
:: Additional fixation of the surgical guide;
:: To be used when the H11 sleeve height is chosen.

Narrow	Regular
125.133	125.134

Guided Surgery GM H 11 Connection - Torque Wrench

:: Available in stainless steel;
:: To finish the implant placement through the surgical guide;
:: To be used when the H11 sleeve height is chosen.

105.145

Sleeves for Neodent® Guided Surgery System

:: Available in titanium;
:: Sold in bags with 10 units each.

125.135 Sleeve for Narrow Guided Surgery System

125.136 Sleeve for Regular Guided Surgery System

125.137 Sleeve for Wide Guided Surgery System

125.138 Sleeve of Setter for Guided Surgery System

Check it out on the eShop, go to:
neodent.com/shopnow

Neodent®
Helix GM Narrow

SMALL DIAMETER, GREAT ACHIEVEMENTS.

Bring reliability to your practice through the next generation of immediate esthetic solutions for reduced interdental spaces and bone availability.

The Ø 2.9mm Helix GM Narrow provides an immediate, small diameter solution seeks to provide simplicity for treatment protocol – regardless of whether guided or non-guided techniques are used – confidence without compromising on strength, and flexibility for immediate esthetic outcomes in limited interdental spaces.

Ø 2.9

CONFIDENCE WITH A STABLE LONG-TERM IMPLANT FOUNDATION

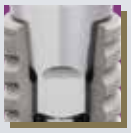
Implant therapy for demanding indications, such as reduced interdental spaces, can raise concerns regarding resistance and biomechanical behavior. Therefore, features of an implant-abutment interface are essential to provide successful long-term functional, stable, and esthetic results.

The Ø 2.9mm Helix features the strong and stable GM Narrow connection, designed with a unique combination based on proven concepts seeking to achieve long lasting results. A system produced out with the commercially pure titanium grade 4 offering treatment predictability through the Acqua hydrophilic surface.

RELIABLE AND STRONG GM NARROW CONNECTION

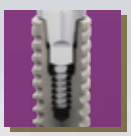
16° Morse Taper connection
The implant-abutment interface is a relevant aspect that could interfere on the success of patient's outcome. Helix GM Narrow is designed to deliver a tight fit for optimal connection sealing and offers strong mechanical resistance.

Internal hexagonal indexation
The connection is designed with internal hexagonal indexation for precise abutment positioning, easy handling.



Platform switching
The abutment design features a narrower diameter than the implant coronal area, which enables platform switching.[5-9]

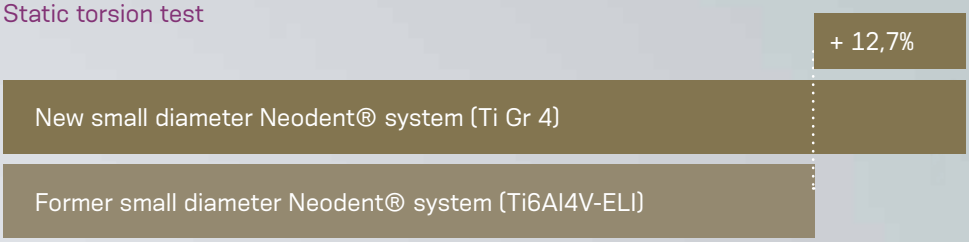
Screw-retained interface
The Helix GM Narrow features a morse taper screw-retained connection, which fits into the internal thread with precision seeking to provide a stable abutment connection.



COMMERCIALLY PURE AND MECHANICALLY STRONG TITANIUM GRADE 4

Beyond a versatile design allowing primary stability, the Helix GM Narrow is produced from the most commercially pure and mechanically strong titanium grade 4 (Ti Gr 4). Static torsion tests have been conducted providing a greater performance and strongness of +12,7% than the former small diameter Neodent® system (Ti6Al4V-ELI).

Static torsion test



Font: Annex_NoC Helix Narrow internal document.

ACQUA HYDROPHILIC SURFACE'S AND TREATMENT PREDICTABILITY

The Neodent® Acqua hydrophilic surface is the next level of the highly successful S.L.A. surface. It was developed to reach expected results outcomes even in the most challenging patient cases, such as soft bone or immediate protocols.[1-4]

SIMPLICITY FOR TREATMENT PROTOCOLS

The Helix GM Narrow system provides an intuitive hybrid surgical kit designed to best suit any chosen surgical procedure, whether conventional or guided, adding even more simplicity to the system by using the Neo Screw connection.

An intuitive and functional compact surgical cassette

The Helix GM Narrow system allows intuitive conventional and guided surgeries with the functional compact surgical kit, to support improve outcomes and patient satisfaction.

A predictable guided procedure with the easyguide concept

The Neodent® EasyGuide concept offers straightforward guided surgery technique enabling surgical convenience with one-hand procedures, and pursuing predictable surgical results with confidence for accurate implant positioning.

One Screwdriver available both for Neodent® GM and GM Narrow

The Helix GM Narrow system features the Neo Screwdriver, which has a star attachment offering reliability and durability, compatible with all GM Narrow healing abutments and restorative screws.

FLEXIBILITY FOR IMMEDIATE ESTHETIC OUTCOMES

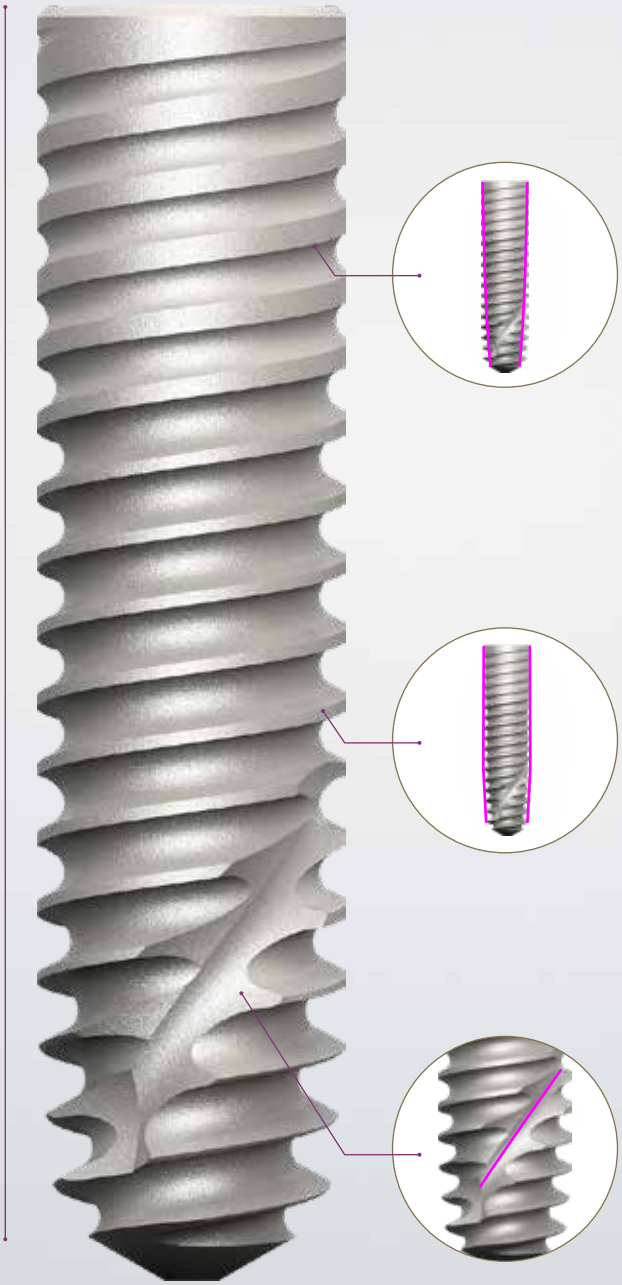
Patients lacking bone availability in the esthetic zone or experiencing limited space between adjacent teeth, can make tooth replacement procedures challenging for implant clinicians. When coupled with a lack of adequate prosthetic options to correctly replace missing teeth, patient satisfaction declines, and practices can suffer.

The versatile Neodent® Helix GM Narrow system combines a Ø2.9mm Helix implant, with a comprehensive prosthetic portfolio to restore cases in limited bone availability and interdental spaces, for immediate esthetic results.

THE UNBEATABLE VERSATILITY OF HELIX

Dynamic progressive thread design

- Coronal: Double start threads with rounded root > compressing;
- Apex: V-Shape > Self-cutting High primary stability.



Tapered body design

- Coronal: Progressive tapered design;
- Apex: 12° Under-osteotomy for bone types 3 and 4.

Hybrid contour

- Coronal: Cylindrical;
- Apex: Conical.

Active Apex

- Short tip;
- Helicoidal flutes.

DR FEDERICO MANDELLI, from Italy

"I think that today an implant system should be very flexible and we don't have to change implants based on our clinical needs. That's why I decided to choose the Neodent® product, because with just one implant I can perform any kind of treatment."

A SOLUTION FOR LIMITED BONE AVAILABILITY IN ALL BONE TYPES

Indicated for all bone types, the Neodent® Helix GM Narrow is specifically engineered to address esthetic challenges in situations with limited bone, thanks to its small diameter implant of 2.9mm.

COMPREHENSIVE PROSTHETIC PORTFOLIO FOR OPTIMIZED ESTHETIC AND FUNCTIONAL RESULTS

The Helix GM Narrow system was designed to offer clinicians greater levels of treatment flexibility with a comprehensive prosthetic portfolio, designed to meet patient expectations regarding short treatment times, esthetic and functional results.

It allows single and multi-unit restorations from screw and cement-retained, to removable prosthesis. The system also allows support for conventional and digital workflows supporting provide natural-looking restorations using either conventional or immediate protocols.

Titanium Temporary Abutment

Titanium Base

Universal Abutment

Micro Abutment

Attachment Removable

Single-unit screw-retained prosthesis

Single-unit cement-retained prosthesis

Multiple-unit screw-retained prosthesis

Temporary

Overdenture

Neodent® Helix GM Narrow Implant Packaging

Neodent® packaging has been specially updated for easy handling and seeking to achieve a safe surgical procedure, providing practicality from implant stocking to the capture and transport and implant bed. The implant's features, such as type, diameter and length, are readily identifiable on the outside of the packaging.

Three self-adhesive labels are provided for recording in the patient's medical records and for reporting to the prosthesis team. They also allow traceability for all articles.

Package instruction of use

1. The cardboard and blister packagings must be opened, manually, without the use of sterile gloves. Break the seal of the cardboard packaging and remove the blister. Open the blister pack. Deposit the sterile flask over the surgical field.

Note: the clear tube and implant must be handled with a sterile surgical glove, in a surgical environment. Hold the bottle using the non-dominant hand and take the lid off.

2. Hold the bottle using the non-dominant hand and take the lid off. The internal support containing the implant should come out attached to the lid. To do so, remove the lid and the clear tube's internal support in the axial direction making no lateral movements.

3.Using the non-dominant hand, press the sides of the internal support promoting a "pincer effect" and immobilizing the implant. Keep the support pressed and remove the lid.

4. For installation, hold the implant with the driver for contra angle, keeping the connection stable and slightly rotating the internal support, searching for the perfect fit between the connection and the implant.

5. Take the implant to the surgical cavity.

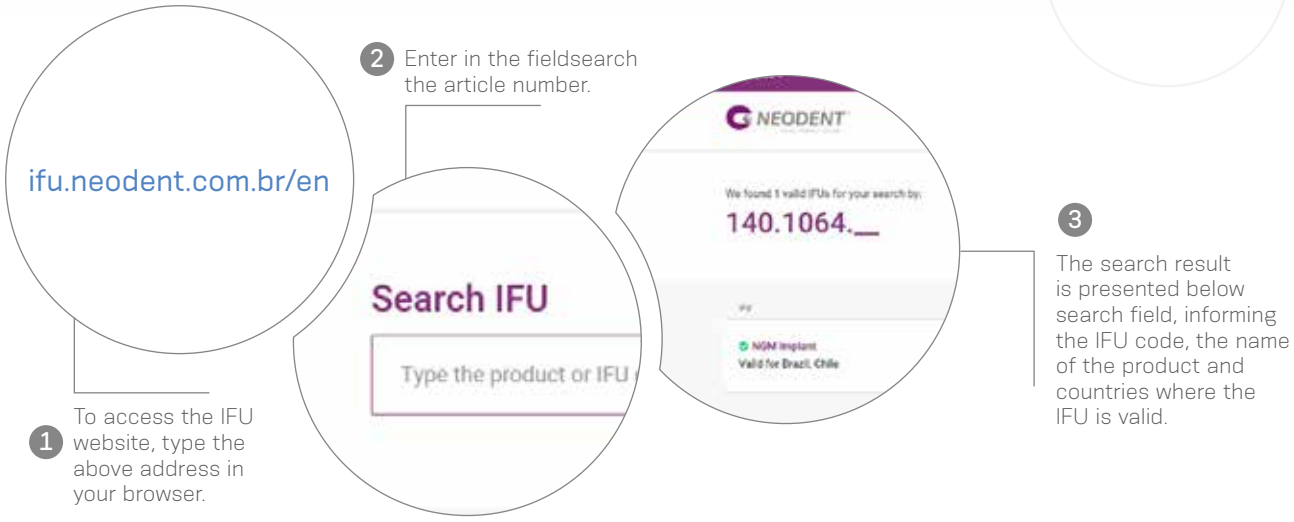
6. Place the implant to its final position with a maximum torque of 35 N.cm and speed of 30 rpm, clockwise.

e-IFU – Electronic Instructions For Use

Neodent® innovates once more, providing an on-line platform designed to provide quick and practical use of its own products instructions: the e-IFU (Instructions For Use) website.

To facilitate access, have the article number, which can be found on the external packaging of the product, in this catalogue or with your local distributor. Once the article number is entered in the website, the professional will have access to relevant information to this product, such as description, indication for use, contraindications, handling, traceability and other features.

Access: ifu.neodent.com.br/en



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2 Enter in the fieldsearch the article number.

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Helix
GM Narrow

PRODUCT FEATURES:

Implants Description:

- Progressive tapered design;
- Hybrid contour with a cylindrical coronal part and conical on the apical area;
- Active apex with rounded short tip and helicoidal flutes; 12° under-osteotomy for bone types 3 and 4;
- Dynamic progressive thread design: from compressing trapezoidal threads on the coronal area to self-cutting V-shape threads on the apical part;
- Double threaded implant;
- GM Narrow connection.

Indications:

- Indicated for all types of bone density in the region of lateral incisors in the maxilla or in the region of lateral and central incisors in the mandible.

Drilling features:

- NGM Countersink Drill is required in bone types I and II;
- Implant should be positioned 2 mm below bone level;
- Drilling speed: 800-1200 rpm for bone type I and II;
- Drilling speed: 500-800 rpm for bone type III and IV;
- Implant insertion speed: 30 rpm;
- Maximum torque for implant placement: 35 N.cm.

Available with:

acqua®

Drill Sequence for conventional surgery

	Initial	Ø 2.0 10 mm	Ø 2.0 12 mm	Ø 2.0 14 mm	Ø 2.9 10 mm	Ø 2.9 12 mm	Ø 2.9 14 mm	Countersink
10 mm	✓	✓			✓			✓
12 mm	✓		✓			✓		✓
14 mm	✓			✓			✓	✓

*Optional / Bone types I and II

10 mm	✓	✓*						
12 mm	✓		✓*					
14 mm	✓			✓*				

*Optional / Bone types III and IV

Drill Sequence for guided surgery

10 mm	✓*	✓*	✓	✓			✓			✓
12 mm	✓*	✓*	✓		✓			✓		✓
14 mm	✓*	✓*	✓			✓			✓	✓

*Optional / Bone types I and II

10 mm	✓*	✓*	✓	✓*						
12 mm	✓*	✓*	✓		✓*					
14 mm	✓*	✓*	✓			✓*				

*Optional / Bone type III

10 mm										
12 mm	✓*	✓*	✓							
14 mm	✓*	✓*	✓							

*Optional / Bone type IV

Helix GM Narrow Implants

	10 mm	12 mm	14 mm
Ø2.9 / Acqua	140.1063	140.1064	140.1065

NGM Cover Screw

117.024

NGM Healing Abutment

0.8	1.5	2.5	3.5	4.5
106.262	106.263	106.264	106.265	106.266

Check it out on the eShop, go to: neodent.com/shopnow

NGM Micro Abutment

Single-unit screw-retained prosthesis

Multiple-unit screw-retained prosthesis

Ø 3.5 mm

Gengival heights:
0.8, 1.5, 2.5 & 3.5 mm.

Recommended for anterior region.

Check it out on the eShop, go to: neodent.com/shopnow

Installation Sequence

0.8 mm	1.5 mm
115.287	115.288
2.5 mm	3.5 mm
115.289	115.290

NGM Micro Abutment

32 N.cm 1

Intraoral

Micro Abutment Scanbody 3
108.219

Micro Abutment Hybrid Repositionable Analog
101.091

or

Neo Micro Conical Abutment One Step Hybrid Coping

10 N.cm 2

118.381

GM Micro Abutment Coping for Crown Digital Workflow

10 N.cm 2

118.363

Model Scanning

Micro Abutment Impression Coping Closed Tray for single-unit prosthesis
Open Tray Slim for multiple-unit prosthesis

108.182 108.178 3

Micro Abutment Hybrid Repositionable Analog
101.091

Micro Abutment Scanbody 3
108.219

or

Neo Micro Conical Abutment One Step Hybrid Coping

10 N.cm 2

118.381

GM Micro Abutment Coping for Crown Digital Workflow

10 N.cm 2

118.363

Conventional

Micro Abutment Impression Coping Closed Tray for single-unit prosthesis
Open Tray Slim for multiple-unit prosthesis

108.182 108.178 3

Neo Micro Abutment Titanium Coping

10 N.cm 2

Bridge 118.297
Crown 118.317

or

Neo Micro Abutment Protection Cylinder 3
106.267

Micro Abutment Analog
101.091 Hybrid Repositionable (conventional/digital)

Neo Micro Abutment CoCr Coping

10 N.cm 2

Bridge 118.296
Crown 118.316

or

Neo Micro Abutment Burn-out Coping

10 N.cm 2

118.295 Bridge
118.315 Crown

Drivers

1  Hexagonal Prosthetic Driver +  Torque Wrench

2  Neo Screwdriver Torque Connection +  Torque Wrench

3  Neo Screwdriver Torque Connection +  Manual Screwdriver Torque

Accessories

Micro Abutment Polishing Protector
123.015 Bridge

Replacement Coping Screw
116.269 Titanium
116.270 Neotorque*

*Application of a film carbon-based coat that provides a lower friction coefficient, resulting in increased pre-load.

NGM Universal Abutment

Single-unit cement-retained prosthesis

Ø 3.3 mm

Check it out on the eShop, go to: neodent.com/shopnow

Installation Sequence

20 N.cm 1

NGM Exact Click Universal Abutment

	0.8 mm	1.5 mm	2.5 mm	3.5 mm
4 mm	114.902	114.903	114.904	114.905
6 mm	114.906	114.907	114.908	114.909

or

20 N.cm 1

NGM Exact Click Universal Abutment 17º

	1.5 mm	2.5 mm	3.5 mm
4 mm	114.910	114.911	114.912
6 mm	114.913	114.914	114.915

Intraoral

Universal Abutment Intraoral Scanbody

4 mm	6 mm	
108.143	108.144	Ø 3.3

Universal abutment Hybrid Repositionable analog

4 mm	6 mm	
101.097	101.098	Ø 3.3

Milled crown

Conventional

Click Universal Abutment Impression Coping

4 mm	6 mm	
108.172	108.173	Ø 3.3

Click Universal Abutment Provisional Coping

4 mm	6 mm	
118.304	118.305	Ø 3.3

Universal Abutment Hybrid Repositionable Analog

4 mm	6 mm	
101.097	101.098	Ø 3.3

Universal Abutment Burn-out Coping

4 mm	6 mm	
118.181	118.182	Ø 3.3

Drivers

1 

Neo Screwdriver Torque Connection

+ 

Torque Wrench

Accessories

Replacement Sterile Screws

116.294	Titanium
116.293	Neotorque*

NGM Titanium Base

Single-unit screw-retained prosthesis

Single-unit cement-retained prosthesis

Ø 3.5 mm

Check it out on the eShop, go to: neodent.com/shopnow

Customizable up to 4 mm high;

Cementable area: 6.0 or 4.0 mm;

Exact;

Neo Removable screw;

Installation Sequence

Intraoral

NGM Implant Scanbody

10 N.cm 2

108.221

NGM Hybrid Analog

101.107

Model Scanning

NGM Implant Exact Impression Coping Closed and Open Tray

10 N.cm 2

108.203 Closed Tray

108.204 Exact Open Tray

108.206 Open Tray

NGM Hybrid Analog

101.107

NGM Implant Scanbody

10 N.cm 2

108.221

NGM Exact Titanium Base for Crown Ø 3.5

	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm
4 mm	135.414	135.415	135.416	135.417	135.418
6 mm	135.419	135.420	135.421	135.422	135.423

20 N.cm 1

Conventional

NGM Implant Exact Impression Coping Closed and Open Tray

10 N.cm 2

108.203 Closed Tray

108.204 Exact Open Tray

108.206 Open Tray

NGM Hybrid Analog

101.107

NGM Exact Titanium Base for Crown Ø 3.5

	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm
4 mm	135.414	135.415	135.416	135.417	135.418
6 mm	135.419	135.420	135.421	135.422	135.423

20 N.cm 1

GM Titanium Base Burn-out Coping

4 mm	6 mm	
118.322	118.323	Ø 3.5

Drivers

1 Neo Screwdriver Torque Connection + Torque Wrench

2 Neo Screwdriver Torque Connection + Manual Screwdriver Torque

Accessories

Replacement Sterile Screws

116.294 Titanium

116.293 Neotorque*

*Application of a film carbon-based coat that provides a lower friction coefficient, resulting in increased pre-load.

NGM Temporary Abutment

Single-unit screw-retained temporary prosthesis

Ø 3.5

Implant level.

Check it out on the eShop, go to: neodent.com/shopnow

Installation Sequence

NGM Exact Temporary Abutment

20 N.cm 1

	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm
Ø 3.5	118.373	118.374	118.375	118.376	118.377

Customization

Temporary Prosthesis

Drivers

1  Neo Screwdriver Torque Connection +  Torque Wrench

Accessories

Replacement Sterile Screws

116.294 Titanium

116.293 Neotorque*

*Application of a film carbon-based coat that provides a lower friction coefficient, resulting in increased pre-load.

NGM Attachment TIN

Overdenture

Check it out on the eShop, go to:
neodent.com/shopnow

Installation Sequence

NGM Attachment TIN

0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm
102.235	102.236	102.237	102.238	102.239

Impression Coping
4 units
2010.722-NOV

Model
Analog
2010.721-NOV

Model Analog 15°
2010.720-NOV

Processing Collar
2010.724-NOV

Matrix Housing
(including Processing Spacer)

Extended
2010.703-NOV

Titanium
2010.701-NOV

PEEK
2010.702-NOV

Retention Insert

Red (approx. 300 g)
2010.710-NOV

Yellow (approx. 1200 g)
2010.712-NOV

Blue (approx. 2100 g)
2010.714-NOV

White (approx. 750 g)
2010.711-NOV

Green (approx. 1650 g)
2010.713-NOV

Black (approx. 2550 g)
2010.715-NOV

Drivers

1 Neo
Screwdriver
Torque
Connection

+

Torque Wrench

Accessories

Equipment Box
2010.101-NOV

Block Out Spacer
2010.723-NOV

Processing Insert
2010.725-NOV

Matrix Housing
Extraction Instrument
2010.751-NOV

Retention Insert
Instrument
2010.741-NOV

Processing Insert
Removal Instrument
2010.731-NOV

GM Narrow Kit

GM Narrow Surgical Kit

Autoclavable polymer case.

To order the pre-mounted version of the kit, with its complete composition, use code 110.316.

*The pre-mounted kit is composed with the drills with titanium stops.

Articles

110.315	Helix NGM Compact Surgical Kit Case
103.585	NGM Guided Surgery Mucosa Punch
103.586	NGM Initial Drill
103.667	NGM Guided Surgery Bone Levelling Drill
103.668	NGM Guided Surgery Initial Drill
103.669	NGM Drill 2.0x10 mm
103.670	NGM Drill 2.0x12 mm
103.671	NGM Drill 2.0x14 mm
103.672	NGM Drill 2.9x10 mm
103.673	NGM Drill 2.9x12 mm
103.674	NGM Drill 2.9x14 mm
103.675	NGM Countersink Drill
104.050	Torque Wrench
104.060	Neo Manual Screwdriver (Medium)
105.132	Neo Screwdriver Torque Connection
105.137	Hexagonal Prosthetic Driver
105.165	NGM Implant Driver For Contra-angle
105.166	NGM Implant Driver For Torque Wrench
128.036	NGM Height Measurer
129.035	Helix NGM X-ray Positioner

Note: Items that compose Neodent® Kits are sold separately.

Check it out on the eShop, go to: neodent.com/shopnow

GM Narrow Instruments

NGM Guided Surgery Mucosa Punch

103.585

NGM Guided Surgery Bone Levelling Drill

103.667

NGM Guided Surgery Initial Drill

103.668

NGM Initial Drill

103.586

NGM Tapered Drills

103.669 Ø2.0 x 10mm
103.670 Ø2.0 x 12mm
103.671 Ø2.0 x 14mm
103.672 Ø2.9 x 10mm
103.673 Ø2.9 x 12mm
103.674 Ø2.9 x 14mm

NGM Countersink Drill

103.675

NGM Implant Driver - Contra Angle

105.165

NGM Implant Driver - Torque Wrench

105.166

NGM Height Measurer

128.036

Helix NGM X-ray Positioner

129.035

Neo Manual Screwdriver

:: Available in surgical steel;
:: Yellow color for line identification

Medium
25 mm

104.060

Neo Screwdriver Torque Connection - Torque Wrench

:: Available in surgical steel;
:: Yellow color for line identification.

Medium
22 mm

105.132

Hexagonal Prosthetic Driver

:: Available in surgical steel;
:: To install and apply torque over straight GM Mini Conical Abutments and GM Micro Abutments;
:: Yellow color for line identification.

Torque Wrench

105.137

Torque Wrench

:: Available in surgical steel;
:: Fitting for square connections;
:: Collapsible Wrench that allows for proper assembly cleaning.

104.050

Sleeve D2.93

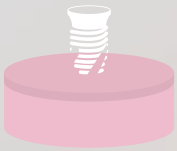
:: Available in titanium;
:: Sold in bags with 10 units each.

125.180

Check it out on the eShop, go to: neodent.com/shopnow

Neodent® **Helix Short**

EXPLORE NEW LEVELS

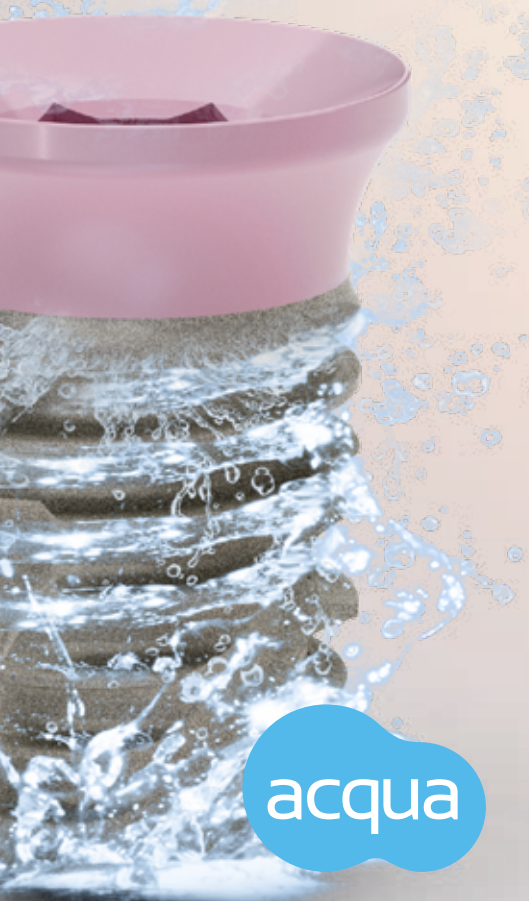


A REMARKABLE SOLUTION FOR VERTICAL BONE ATROPHY

Helix Short was designed to meet patient expectations, delivering the Neodent® established concepts of immediacy and straightforward protocols, even for more demanding indications, such as low vertical bone availability: An alternative to bone graft procedures such as guided bone regeneration and sinus lift augmentation.[11,19]

EVERY MILLIMETER MATTERS: AN IMPLANT DESIGN FOR A WIDE VARIETY OF CLINICAL SITUATIONS

The proven versatility of the Helix implant design as a short implant, the Helix Short offers solutions for different bone types.
Features built into its design include:
- Body design for progressive stability;
- Single trapezoidal threads;
- Apically tapered: apex for increased mechanical stability;
- Because every millimeter matters, a wide range of lengths.



THE HELIX SHORT CONNECTION: A STABLE FOUNDATION FOR CHALLENGING REHABILITATIONS

Built upon a new prosthetic platform, the Helix Short connection was designed in conjunction with a transmucosal collar to allow a deep internal connection as a stable foundation for the system - even when using a short implant. Its unique connection, regardless of the implant diameter, provides:
1 - Wide cone on top for optimized occlusal forces distribution.
2 - Internal indexation for easy handling and precise abutment positioning.

ACQUA HYDROFILIC SURFACES AND TREATMENT PREDICTABILITY[1-4]

The Neodent® Acqua hydrophilic surface is the next level of the highly successful S.L.A. surface. It was developed to reach expected results outcomes even in the most challenging patient cases, such as soft bone or immediate protocols.[1-4]

acqua

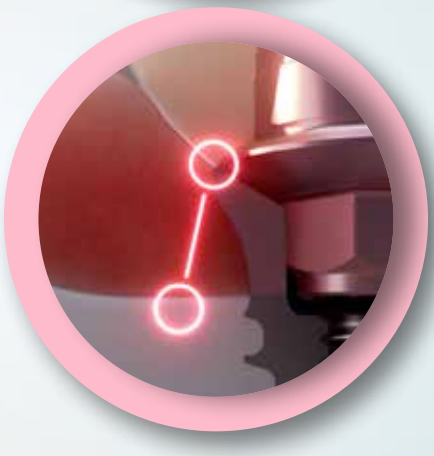
EXPLORE NEW LEVELS WITH HELIX SHORT
Scan or click on QR and watch the concept!

A DESIGN FOR OPTIMIZED SOFT TISSUE MANAGEMENT SEEKING LONG-TERM SUCCESS.[20,21]

Helix Short implant combines reduced lengths with a transmucosal collar. The smooth surface of this tissue level portion addresses the emerging concerns of modern implant dentistry related to peri-implant diseases, enabling more favorable long-term outcomes for treatments.[20]

THE HELIX SHORT TRANSMUCOSAL COLLAR: A CONCEPT DESIGNED FOR TISSUE LEVEL AND PERI-IMPLANT MANAGEMENT.

Transmucosal collar: Smooth surface optimized for lower bacterial adhesion.[21]



Implant-abutment interface: Position far from the crestal bone and optimized space for biological distance.[20]

FEATURING SOFT TISSUE MANAGEMENT AND BETTER ESTHETIC OUTCOMES.

Anodized transmucosal collar: Mimics the natural color of soft tissues for positive outcomes even in aesthetic demanding cases.[22]

A STANDARD TRANSMUCOSAL COLLAR, OPTIMIZED FOR LOWER BACTERIAL ADHESION
Scan or click on QR code and check out!

VERSATILE PROSTHETIC RESOLUTIONS AND ANATOMICAL COMPATIBILITY

The Helix Short provides a versatile and safe prosthetic solution for cases of low vertical bone availability. From single units to full arch restorations*, the system provides clinicians tools and a comprehensive prosthetic portfolio designed to treat prevalent and challenging clinical situations.

*single-units indication: 5.5 mm length or above.

MEET YOUR PATIENT EXPECTATION FOR PREVALENT AND CHALLENGING CASES.

The Helix Short provides predictability for different types of prosthetic resolutions, from single-unit to full arch restorations:

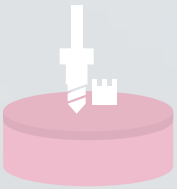
Temporary Abutments | Titanium Base for Crown | Titanium Base for Bridge | Straight Mini Conical Abutment | Angled Mini Conical Abutment | Attachment TiN

- Single-unit screw-retained prosthesis
- Single-unit cement-retained prosthesis
- Temporary
- Multiple-unit screw-retained prosthesis
- Overdenture

FROM CONVENTIONAL TO DIGITAL: A WIDE RANGE OF MATERIALS AND WORKFLOWS .

Meet and exceed patient expectations with access to a variety of restorative material options for a wide range of abutments:

- Milling, printing, or conventional manufacturing that features simplicity in all workflows;
- Prosthetic libraries available for the main CAD/CAM systems.



MORE PREDICTABILITY FOR CHALLENGING SURGICAL PROCEDURES

The Neodent® Helix Short system's greater intuitiveness and deep drilling control helps clinicians build confidence to overcome the challenges of performing procedures in patients with low vertical bone availability.

BUILD CONFIDENCE DURING DRILLING BY GAINING MORE PREDICTABLE DEPTH CONTROL.

Protect anatomical structures, such as the inferior alveolar neurovascular bundle, maxillar sinus, or adjacent roots with better physical control of drilling depths and predictable stops. Improve accuracy even in challenging clinical situations, such as limited visibility caused by adjacent teeth, tongue, bleed, or saliva.

AN INTUITIVE COLOR-CODED PROTOCOL: THE NEXT STEP IN EFFICIENT SURGICAL PROCEDURES

By offering a color-coded system, the Helix Short Surgical Kit facilitates the drilling sequence during the surgical procedure and enables a more user-friendly experience.

SEE THE DRILLING SYSTEM IN PRACTICE

Scan or click on QR code!

Neodent® Helix Short
Implant packaging and placement

Neodent® packaging has been specially updated for easy handling and seeking to achieve a safe surgical procedure, providing practicality from implant stocking to the capture and transport and implant bed. The implant's features, such as type, diameter and length, are readily identifiable on the outside of the packaging.

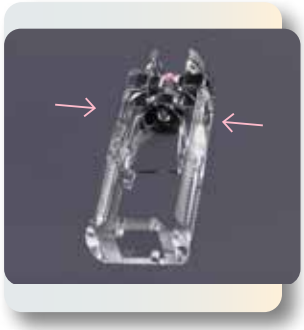
Three self-adhesive labels are provided for recording in the patient's medical records and for reporting to the prosthesis team. They also allow traceability for all articles.

Instructions on opening the implant package

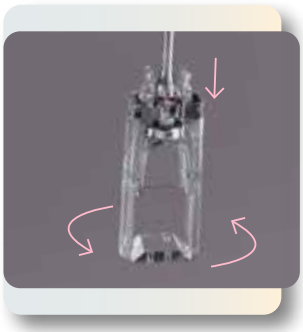
1. The cardboard and blister packagings must be opened, manually, without the use of sterile gloves. Break the seal of the cardboard packaging and remove the blister. Open the blister pack. Deposit the sterile flask over the surgical field.

Note: the clear tube and implant must be handled with a sterile surgical glove, in a surgical environment. Hold the bottle using the non-dominant hand and take the lid off.

2. Hold the bottle using the non-dominant hand and take the lid off. The internal support containing the implant should come out attached to the lid. To do so, remove the lid and the clear tube's internal support in the axial direction making no lateral movements.

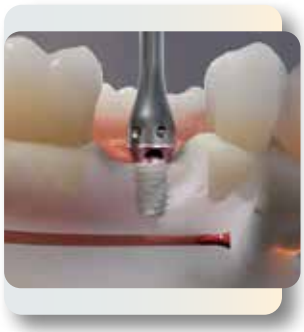


3. Using the non-dominant hand, press the sides of the internal support promoting a "pincer effect" and immobilizing the implant. Keep the support pressed and remove the lid.



4. For installation, hold the implant with the driver for contra angle, keeping the connection stable and slightly rotating the internal support, searching for the perfect fit between the connection and the implant.

5. Take the implant to the surgical cavity.



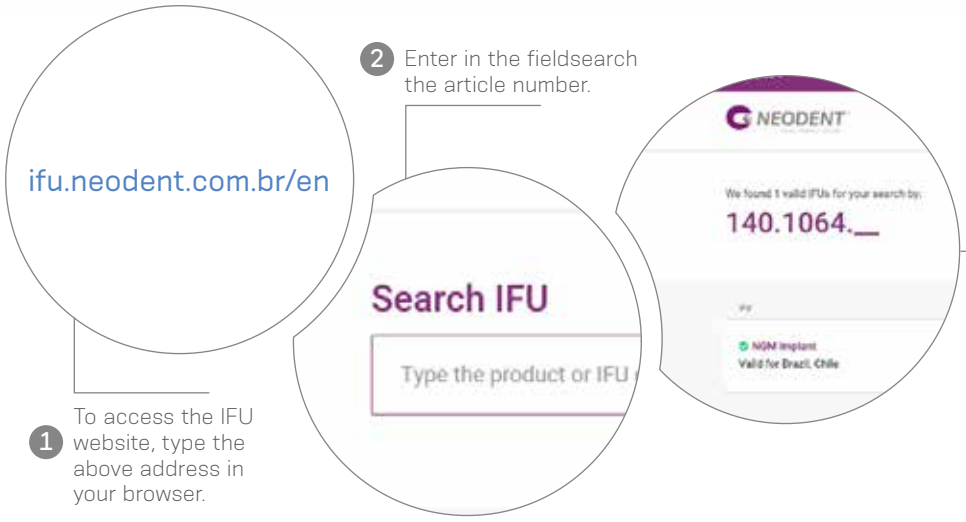
6. Place the implant with a maximum torque of 35 N.cm and speed of 30 rpm, clockwise.

e-IFU – Electronic Instructions For Use

Neodent® innovates once more, providing an on-line platform designed to provide quick and practical use of its own products instructions: the e-IFU (Instructions For Use) website.

To facilitate access, have the article number, which can be found on the external packaging of the product, in this catalogue or with your local distributor. Once the article number is entered in the website, the professional will have access to relevant information to this product, such as description, indication for use, contraindications, handling, traceability and other features.

Access: ifu.neodent.com.br/en



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4 Click the "download" button to open the file.

5 The IFU will automatically open in a new window. In case yor want to download it, click the save as icon to download in your browser.

131

Helix **Short**

PRODUCT CHARACTERISTICS:

Description of the implant:
- Body design for progressive stability;
- Tapered apex;
- Trapezoidal threads;
- Helix Short interface;
- Transmucosal collar with 1.8mm in all lenghts options.

Indications:
- For all types of bone density and post-extraction placement.

Osteotomy:
- The treated portion of the implant should be positioned at bone level and the anodized portion (transmucosal collar) at soft tissue level;
- The Profile Drill should be used for the installation of implants with a diameter of 3.75 mm, 4.0 mm and 5.0 mm when there is a possibility of bone contact in the anodized portion (transmucosal collar);
- Drilling Speed: 800-1200 rpm for bone types I and II;
- Drilling Speed: 500-800 rpm for bone types III and IV;
- Insertion Rotation: 30 rpm;
- Maximum Insertion Torque: 60 N.cm.

Available in:

acqua™

Drill Sequence

	Twist Ø 2.0	Tapered Ø 2.7	Tapered Ø 3.75	Tapered Ø 3.75+	Tapered Ø 4.0	Tapered Ø 4.0+	Tapered Ø 5.0	Tapered Ø 5.0+	Tapered Ø 6.0	Tapered Ø 6.0+	Tapered Ø 7.0	Tapered Ø 7.0+	Bone Profile
	103.621	103.597	103.607	103.608	103.598	103.599	103.600	103.601	103.602	103.603	103.604	103.605	103.606
Ø3.75 mm	✓ *	✓	✓	✓									✓ *
Ø4.0 mm	✓ *	✓	✓ *		✓	✓							✓ *
Ø5.0 mm	✓ *	✓	✓ *		✓		✓	✓					✓ *
Ø6.0 mm	✓ *	✓	✓ *		✓		✓		✓	✓			
Ø7.0 mm	✓ *	✓	✓ *		✓		✓		✓		✓	✓	

*Optional/Bone types I and II

Ø3.75 mm	✓ *	✓	✓										
Ø4.0 mm	✓ *	✓	✓ *		✓								
Ø5.0 mm	✓ *	✓	✓ *		✓		✓						
Ø6.0 mm	✓ *	✓	✓ *		✓		✓		✓				
Ø7.0 mm	✓ *	✓	✓ *		✓		✓		✓		✓		

*Optional/Bone types III and IV

Helix Short **GM® Implants**

HS Cover Screw

117.025

:: Use the manual Neo Screwdriver (104.060);
:: Do not exceedthe insertion torque of 10 N.cm.

HS Healing Abutments

106.270 1.5 / 2.5
106.273 1.5 / 2.5 / 3.5 / 4.5 / 5.5

:: Use the manual Neo Screwdriver (104.060);
:: Do not exceed the insertion torque of 10 N.cm.

Check it out on the eShop, go to:
neodent.com/shopnow

HS Mini Conical Abutment

Multiple-unit screw-retained prosthesis (bridge)

Ø 4.8 mm

Check it out on the eShop, go to: neodent.com/shopnow

Allow an additional 1.5 to 2.0 mm of restorative material;

Minimum interocclusal space of 4.5 mm from the mucosa level;

Exact;

Neo Removable Screw.

Installation Sequence

HS Mini Conical Abutment

0.2 mm	1.5 mm
115.291	115.292
2.5 mm	3.5 mm	4.5 mm
115.293	115.294	115.295

32 N.cm (1)

or

HS Exact Mini Angled Abutment 17°

0.6 mm	1.5 mm
115.296	115.297
2.5 mm	3.5 mm
115.298	115.299

20 N.cm (2)

Intraoral

Mini Conical Abutment Scanbody (3) 108.218

Mini Conical Abutment Analog 101.092

Neo Mini Conical Abutment One Step Hybrid Coping 10 N.cm (2) 118.382

Model Scanning

Mini Conical Abutment Impression Coping Slim Open Tray Impression Coping (3) 108.176

Mini Conical Abutment Analog 101.092

Mini Conical Abutment Scanbody (3) 108.218

Neo Mini Conical Abutment One Step Hybrid Coping 10 N.cm (2) 118.382

Conventional

Mini Conical Abutment Impression Coping Slim Open Tray Impression Coping (3) 108.176

Neo Mini Conical Abutment Titanium Coping 10 N.cm (2) 118.302

or

Neo Mini Conical Abutment Protection Cylinder (3) 106.268

Mini Conical Abutment Analog

101.092 Hybrid Repositionable (conventional/digital)

101.020 Conventional

Neo Mini Conical Abutment CoCr Coping 10 N.cm (2) 118.303

or

Neo Mini Conical Abutment Burn-Out Coping 10 N.cm (2) 118.301

Drivers

1. Hexagonal Prosthetic Driver + Torque Wrench
2. Neo Screwdriver Torque Connection + Torque Wrench
3. Neo Screwdriver Torque Connection + Manual Screwdriver for Torque Connection

Accessories

Mini Abutment Polishing Protector 123.008

Sterile replacement coping screw

116.269 Titanium

116.270 Neotorque®*

*Application of a thin carbon-based film that decreases the amount of friction, resulting in increased pre-load.

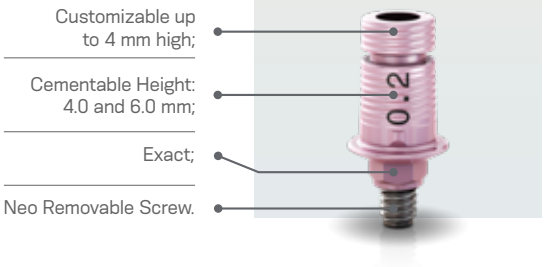
HS Exact Titanium Base

Single-unit screw-retained prosthesis (crown)

Single-unit cement-retained prosthesis (crown)

Ø 4.5 mm

Check it out on the eShop, go to: neodent.com/shopnow



Installation Sequence

Intraoral

HS Implant Scanbody 2 108.226

HS Hybrid Analog 101.108

HS Exact Titanium Base

Ø 4.5	0.2 mm	1.5 mm	2.5 mm	3.5 mm
	135.424	135.425	135.426	135.427

20 N.cm 1

Model Scanning

HS Exact Implant Closed and Open Tray Impression Coping 2

108.223 Closed

108.224 Open

HS Hybrid Analog 101.108

HS Implant Scanbody 2 108.226

HS Exact Titanium Base

Ø 4.5	0.2 mm	1.5 mm	2.5 mm	3.5 mm
	135.424	135.425	135.426	135.427

20 N.cm 1

Conventional

HS Exact Implant Closed and Open Tray Impression Coping 2

108.223 Closed

108.224 Open

HS Hybrid Analog 101.108

HS Exact Titanium Base

Ø 4.5	0.2 mm	1.5 mm	2.5 mm	3.5 mm
	135.424	135.425	135.426	135.427

20 N.cm 1

Titanium Base Burn-Out Coping

118.325 4.0 mm

118.327 6.0 mm

Drivers

1 Neo Screwdriver Torque Connection + Torque Wrench

2 Neo Screwdriver Torque Connection + Manual Screwdriver for Torque Connection

Accessories

HS Screws

116.296 Neo

116.297 Neo work

116.298 Neotorque®*

*Application of a thin carbon-based film that decreases the amount of friction, resulting in increased pre-load.

HS Titanium Base for Bridge

Multi-unit screw-retained prosthesis

Multi-unit cement-retained prosthesis

Ø 4.8 mm

Check it out on the eShop, go to: neodent.com/shopnow

Cementable Area: 4.5mm;

With internal threads for a secure engagement of the screw;

Neo Removable Screw.

Installation Sequence

Intraoral

HS Implant Scanbody
2
108.226

HS Hybrid Analog
101.108

Model Scanning

HS Implant Open Tray Impression Coping
2
108.225

HS Hybrid Analog
101.108

HS Implant Scanbody
2
108.226

HS Titanium Base for Bridge

	0.2 mm	1.5 mm	2.5 mm	3.5 mm
Ø 4.5	135.428	135.429	135.430	135.431

1 20 N.cm

Drivers

1 Neo Screwdriver Torque Connection + Torque Wrench

2 Neo Screwdriver Torque Connection + Manual Screwdriver for Torque Connection

Accessories

HS Screws

116.296 Neo

116.297 Neo work

116.298 Neotorque®*

*Application of a thin carbon-based film that decreases the amount of friction, resulting in increased pre-load.

HS Titanium Temporary Abutment

Temporary single-unit screw-retained prosthesis

Temporary multi-unit cement-retained prosthesis

Ø 4.8 mm

Customizable area in titanium.
A minimum height of 4 mm of the customizable area must be kept.
With retention slots for acrylic material, allowing customization.

Check it out on the eShop, go to: neodent.com/shopnow

Consider a further 1.5 to 2.0 mm of restorative material;

Channels of personalization;

Interocclusal height of 10 mm (customizable by up to 4.0 mm);

Exact;

Removable screw.

Installation Sequence

HS Temporary Component for Crown

	0.2 mm	1.5 mm	2.5 mm	3.5 mm
Ø 4.8	118.387	118.388	118.389	118.390

or

HS Temporary Component for Bridge

	0.2 mm	1.5 mm	2.5 mm	3.5 mm
Ø 4.8	118.383	118.384	118.385	118.386

Customization

Temporary Prosthesis

Drivers

1 Neo Screwdriver Torque Connection +

Torque Wrench

Accessories

HS Screws

116.296 Neo

116.297 Neo work

116.298 Neotorque®*

*Application of a thin carbon-based film that decreases the amount of friction, resulting in increased pre-load.

HS TIN Attachment

Overdenture

In-mouth capture recommended, one abutment at a time;
O-ring with Coping, Protection Disk included;
Allows angulation of up to 30° between two implants.

Check it out on the eShop, go to: neodent.com/shopnow

Installation Sequence

HS TIN Attachment

0.2 mm	1.5 mm	2.5 mm	3.5 mm
102.245	102.246	102.247	102.248

Impression Coping
4 units
2010.722-NOV

Model Analog
2010.721-NOV

Model Analog 15°
2010.720-NOV

Processing Collar
2010.724-NOV

Matrix Housing
(including Processing Spacer)

Extended
2010.703-NOV

Titanium
2010.701-NOV

PEEK
2010.702-NOV

Retention Insert

Red (approx. 300 g)
2010.710-NOV

Yellow (approx. 1200 g)
2010.712-NOV

Blue (approx. 2100 g)
2010.714-NOV

White (approx. 750 g)
2010.711-NOV

Green (approx. 1650 g)
2010.713-NOV

Black (approx. 2550 g)
2010.715-NOV

Drivers

1 Neo Screwdriver Torque Connection

+

Torque Wrench

Accessories

Equipment Box
2010.101-NOV

Block Out Spacer
2010.723-NOV

Processing Insert
2010.725-NOV

Matrix Housing Extraction Instrument
2010.751-NOV

Retention Insert Instrument
2010.741-NOV

Processing Insert Removal Instrument
2010.731-NOV

Kit
Helix Short

Surgical Kit Helix Short

Autoclavable polymer case.

To order the pre-mounted version of the kit, with its full composition, use code 110.318.

Articles

110.317	HS Surgical Kit Cassette
103.621	Helix Short Twist Drill 2.0
103.597	Helix Short Tapered Drill 2.7
103.607	Helix Short Tapered Drill 3.75
103.608	Helix Short Tapered Drill 3.75+
103.598	Helix Short Tapered Drill 4.0
103.599	Helix Short Tapered Drill 4.0+
103.600	Helix Short Tapered Drill 5.0
103.601	Helix Short Tapered Drill 5.0+
103.602	Helix Short Tapered Drill 6.0
103.603	Helix Short Tapered Drill 6.0+
103.604	Helix Short Tapered Drill 7.0
103.605	Helix Short Tapered Drill 7.0+
103.606	HS Bone Profile Drill
125.181	Physical Stop 4.0 for Helix Short Drill 2.0/2.7/3.75/4.0
125.182	Physical Stop 5.5 for Helix Short Drill 2.0/2.7/3.75/4.0
125.183	Physical Stop 7.0 for Helix Short Drill 2.0/2.7/3.75/4.0
125.184	Physical Stop 8.5 for Helix Short Drill 2.0/2.7/3.75/4.0
125.185	Physical Stop 4.0 for Helix Short Drill 5.0
125.186	Physical Stop 5.5 for Helix Short Drill 5.0
125.187	Physical Stop 7.0 for Helix Short Drill 5.0
125.188	Physical Stop 8.5 for Helix Short Drill 5.0
125.189	Physical Stop 4.0 for Helix Short Drill 6.0/7.0
125.190	Physical Stop 5.5 for Helix Short Drill 6.0/7.0
125.191	Physical Stop 7.0 for Helix Short Drill 6.0/7.0
125.192	Physical Stop 8.5 for Helix Short Drill 6.0/7.0
103.426	Drill Extender
105.153	HS Implant Driver for Contra-angle
105.154	HS Implant Driver - Torque Wrench (Short)
105.155	HS Implant Driver for Torque Wrench
128.037	HS Angle Measurer 17º
128.038	HS Height Measurer
128.039	HS Direction Indicator/X-Ray Positioner 2.7/3.75
104.060	Neo Manual Screwdriver (medium)
105.132	Neo Screwdriver Torque Connection (medium) – Torque Wrench
105.137	Hexagonal Prosthetic Driver – Torque Wrench

Note: Items that are part of the Neodent® Kits are sold separately.

Check it out on the eShop, go to: neodent.com/shopnow

Instruments
Helix Short

Twist Drill

:: Available in surgical steel;
:: Diameter of 2.0 mm.

103.621

Tapered Drill

:: Available in surgical steel;
:: Surgical cavity instrumentation sequence for Helix Short implants;
:: Color-coded according to diameter.

Ø 2.7	103.597	Ø 5.0+	103.601
Ø 3.75	103.607	Ø 6.0	103.602
Ø 3.75+	103.608	Ø 6.0+	103.603
Ø 4.0	103.598	Ø 7.0	103.604
Ø 4.0+	103.599	Ø 7.0+	103.605
Ø 5.0	103.600		

HS Bone Profile Drill.

:: Available in surgical steel;
:: It accommodates the bone around the implant platform, preparing the bone profile around the transmucosal collar when necessary (for implants 3.75 mm, 4.0 mm and 5.0 mm).

103.606

Drill Extender

:: Available in surgical steel;
:: Fit the drill directly into the Drill Extender.

103.426

Physical Stops for Helix Short Drills

:: Available in titanium;
:: For use in combination with Helix Short Drills;
:: Physical control of drilling depth.

125.181	Physical Stop 4.0 for drills Ø 2.0 / 2.7 / 3.75 / 4.0
125.182	Physical Stop 5.5 for drills Ø 2.0 / 2.7 / 3.75 / 4.0
125.183	Physical Stop 7.0 for drills Ø 2.0 / 2.7 / 3.75 / 4.0
125.184	Physical Stop 8.5 for drills Ø 2.0 / 2.7 / 3.75 / 4.0
125.185	Physical Stop 4.0 for drill Ø 5.0
125.186	Physical Stop 5.5 for drill Ø 5.0
125.187	Physical Stop 7.0 for drill Ø 5.0
125.188	Physical Stop 8.5 for drill Ø 5.0
125.189	Physical Stop 4.0 for drill Ø 6.0 / 7.0
125.190	Physical Stop 5.5 for drill Ø 6.0 / 7.0
125.191	Physical Stop 7.0 for drill Ø 6.0 / 7.0
125.192	Physical Stop 8.5 for drill Ø 6.0 / 7.0

Check it out on the eShop, go to: neodent.com/shopnow

HS Direction Indicator / X-Ray Positioner

:: Available in titanium;
:: Instrument to guide the implant position;
:: Narrower side for use after the 2.7 mm drill as direction indicator and X-Ray positioner;
:: Wider side for use after drill 3.75 mm as direction indicator.

128.039

HS Angle Measurer 17º

:: Available in titanium;
:: Angle: 17º;
:: For checking the angulation and indicating the correct positioning of the abutments during the prosthetic phase;

128.037

HS Height Measurer

:: Available in titanium;
:: For the selection of abutments;
:: Markings correspond to gingival heights.

128.038

Neo Screwdriver Torque Connection

:: Available in surgical steel;
:: Yellow color for line identification.

104.060 Neo Manual Screwdriver (medium)
105.132 Neo Screwdriver Torque Connection (medium) – Ratchet

Hexagonal Prosthetic Driver

:: Available in surgical steel;
:: For installation of the HS Mini Abutment.

105.137 torque wrench

Support for Helix Short Physical Stops Kit

:: Available in polymer;
:: Replacement piece;
:: To keep the physical stops organized and to adapt and remove the drills during the procedure

110.319

Torque Wrench

:: Available in surgical steel;
:: Extremely secure (lower than 5% variation);
:: Fitting for square connections;
:: Collapsible torque wrench that allows for appropriate cleaning.

104.050

HS Implant Driver for Contra-Angle

:: To capture the HS Implant directly from the packaging;
:: For placement of HS Implants with Contra-angle, or coupled to the Manual Screwdriver for Contra-angle Connections (104.028) for manual insertion;
:: With six markings, indicating the position of the face of the hex driver;
:: Maximum torque 35 N.cm.

105.153

Check it out on the eShop, go to: neodent.com/shopnow

HS Implant Driver for Torque Wrench

:: For placement of HS implants with the Torque Wrench (104.050);
:: With six markings, indicating the position of the face of the hex driver;
:: Maximum torque 60 N.cm.

105.154 Short

105.155 Regular

Orthodontic Anchorage

PRODUCT FEATURES:

- Available in Titanium alloy as per ASTM-F136 (V);
- Self-perforating;
- Collar height;
- - Low: 0 mm;
- - Medium: 1 mm.
- Hole diameter: 0.7 mm;
- Hex diameter: 2,7mm.

Indications:

- Implants for orthodontic movement.

Drilling features:

- Drilling speed: 200 rpm;
- Placement speed: 30 rpm;
- Torque resistance of up to 10 N.cm (Ø 1.3 mm) and 20 N.cm (Ø 1.6 mm).

	Low Collar				Medium Collar			
	5 mm	7 mm	9 mm	11 mm	5 mm	7 mm	9 mm	11 mm
Ø 1.3		109.484	109.485	109.486		109.487	109.488	109.489
Ø 1.6	109.701	109.493	109.494	109.495	109.702	109.496	109.497	109.498

1 Orthodontic Anchorage Implant Package.

2 Remove the cap to access the implant.

3 Implant capture with Orthodontic Anchorage Contra-Angle Connection.

4 Implant placement with Contra-Angle Connections (105.039 or 105.040).

5 Option of manual implant insertion using a Handle Anchorage Implant Driver (104.033) or Torque Wrench Adaptor for Contra-Angle Connections (105.025).

6 Implant placed.

Instruments

- 103.044 Handle Anchorage Implant Driver, Stainless Steel
- 103.079 Punch for Orthodontic Anchorage, Stainless Steel
- 105.040 Bone Grafting/Anchorage Drill, Stainless Steel, 1.1 mm
- 105.025 Manual Implant Driver - Contra-Angle, Stainless Steel
- 104.028 Bone Grafting/Anchorage Drill, Stainless Steel, 1.3 mm
- 104.033 Torque Wrench Adaptor Connections Contra Angle, Stainless Steel
- 103.207 Anchorage Implant Driver - Torque Wrench (Short), Stainless Steel

Check it out on the eShop, go to: neodent.com/shopnow

Bone Grafting

PRODUCT FEATURES:

- Available in Titanium;
- Self-perforating.

Indications:
- Fixation of bone block graft.

Drilling features:
- Drilling speed: 200 rpm;
- Placement speed: 30 rpm.

Expanded Head

Standard Head

Ø 1.5 mm	Ø 3.70 mm	Ø 2.5 mm
Ø 2.0 mm	Ø 3.85 mm	Ø 3.0 mm

Standard Head

	6 mm	8 mm	10 mm	12 mm	14 mm
Ø 1.5	116.194	116.196	116.198	116.199	116.200
Ø 2.0	116.203	116.205	116.207	116.209	

Expanded Head

	8 mm	10 mm	12 mm	14 mm
Ø 1.5	116.210	116.211	116.212	116.213
Ø 2.0	116.214	116.215	116.216	

Screw for Gingival Graft

5 mm

Ø 1.6 116.245

Bone Grafting and Orthodontic Anchorage Kit

Autoclavable polymer case.

The Kit features the two techniques:

- Bone Grafting.
- Anchorage.

Articles

110.263	Bone Grafting and Orthodontic Anchorage Kit Case	● ●	
104.018	Bone Grafting Manual Driver	●	
105.063	Philips Connection for Manual Driver	●	
105.023	Philips Connection for Contra-Angle	●	
103.045	Drill 1.6 for Contra-Angle	●	
103.079	Drill 1.3 for Contra-Angle	● ●	
103.044	Drill 1.1 for Contra-Angle	● ●	
103.043	Drill 1.6 for Straight Piece	●	
103.078	Drill 1.3 for Straight Piece	● ●	
103.042	Drill 1.1 for Straight Piece	● ●	
103.071	Punch for Bone Grafting/Orthodontic Anchorage	●	
104.033	Orthodontic Anchorage Implant Driver	●	
105.039	Anchorage Implant Driver Contra-Angle Connection - Long	●	
105.040	Anchorage Implant Driver Contra-Angle Connection - Short	●	
105.025	Torque Wrench Adaptor for Contra-Angle Connections	●	

Note: Items that compose Neodent Kits are sold separately.

Check it out on the eShop, go to: neodent.com/shopnow

Drills for Orthodontic Anchorage

:: Available in stainless steel;
:: Recommended for type I and II bones;
:: Marks refer to Implant length (5, 7, 9 and 11mm)

Ø 1.1	Ø 1.3	Ø 1.6	
103.042	103.078	103.043	Straight Piece
103.044	103.079	103.045	Contra-Angle

Orthodontic Anchorage Implant Driver

:: Available in stainless steel;
:: Orthodontic Anchorage Implant manual placement.

104.033

Punch for Bone Grafting/ Orthodontic Anchorage

:: Available in stainless steel;
:: Initial cortical rupture.

103.071

Bone Grafting Manual Driver

:: :: Assists in handling Philips Driver (105.063) and Punch for Bone Grafting/Orthodontic Anchorage (103.071).

104.018

Orthodontic Anchorage Adaptor Connections

:: Connections for placing Anchorage Implants with Torque Wrench and Contra-Angle;
:: Torque Wrench Adaptor Contra-Angle Connections (105.025).

Short	Long	Wrench
105.040	105.039	105.025

Philips Driver

:: Available in stainless steel;
:: Screw placement for bone grafting.

Manual Driver	Contra-Angle
105.063	105.023

Neodent®
Techniques

One Step Hybrid Technique

The One Step Hybrid technique allows the passive fitting of prosthesis, without the need for weld procedure, by cementing the neo micro/mini titanium abutment coping base into the metal structure.This technique allows as well through a digital workflow, milled dental structure to be cemented on top of this titanium abutment coping. It is indicated for multi-unit screw-retained prosthesis and results in reduced laboratory work times. It can be performed over GM Mini Conical Abutments or GM Micro Abutments. The sequence to perform the One Step Hybrid technique is described in the following pictures:

Neo Mini Conical Abutments Copings One Step Hybrid Technique

:: For installation, use the Neo Torque Connection (105.132);
:: For torque control, use Torque Wrench (104.050).

Burn-out	Brass	Titanium
118.340	118.331	118.382

Neo Micro Conical Abutments Copings One Step Hybrid Technique

:: For installation, use the Neo Torque Connection (105.132);
:: For torque control, use Torque Wrench (104.050).

Burn-out	Brass	Titanium
118.341	118.333	118.381

Neo Working Screw One Step Hybrid

:: For laboratory use.

116.271

Check it out on the eShop, go to: neodent.com/shopnow

Demonstration Sequence

Regularize the alveolar ridge.

Surgical drilling completed, obtaining adequate distance from distal implant in relation to the mental foramen with 7 mm Space Planning Instrument.

Placement of 4 Neodent® implants, according to their indication.

Placement of corresponding Neodent® Abutments.

Placement of Impression Copings, splinted with acrylic resin.

Positioning of Multifunctional Guide to obtain intermaxillary correlation. Soft silicone is injected to take the soft tissue impression.

Removal of Multi-Funcional Guide and placement of Analogs to the impression copings.

Working model with artificial gum.

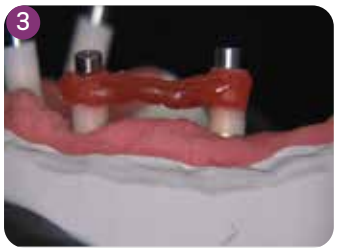
Option 1 -Conventional Workflow for cast framework

Neo Mini Abutments Copings
One Step Hybrid Technique

Burn-out	Brass	Titanium Regular	Long
118.340	118.331	118.382	118.410

Working model with artificial gum.

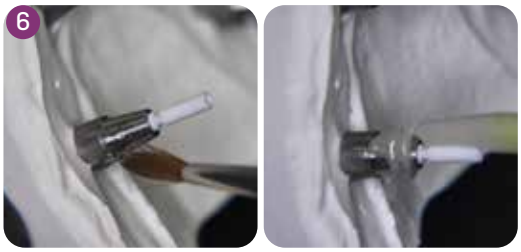
Brass Copings are placed over analogs, then Burn-out Copings are fixed by working screws.



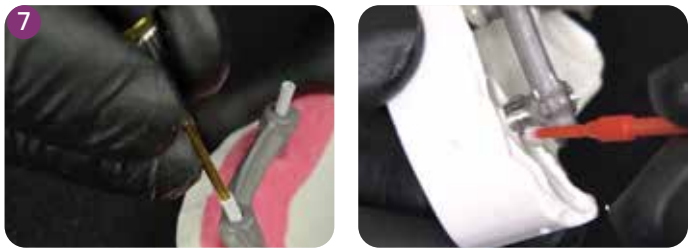
Wax-up the framework.

Cast framework. If necessary, provide internal wear in the regions corresponding to the castable copings.

Placement of both the Neo Mini Conical Abutment Coping Base and the sealing pin on top of the analog.



Apply a specific primer and proceed with the cementation according to the cement manufacturer.



Press the infrastructure over the coping base and immediately remove any overflown cement excess as well as the sealing pin.

Unscrew the infrastructure from the model. Final framework with ensured passivity.

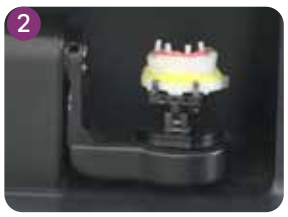
Option 2- Digital Workflow for milled Zirconia Bar

Neo Mini Conical Abutment Coping Base

Titanium

Regular	Long
118.382	118.410

Working model with artificial gum.



Install the GM Mini Conical Abutment Scanbody on the model and proceed with the scanning.

Design the zirconia bar in the CAD/CAM software.

Mill the zirconia bar.

Placement of both the Neo Mini Conical Abutment Coping Base and the sealing pin on top of the analog.

Apply a specific primer and proceed with the cementation according to the cement manufacturer.

Press the infrastructure over the coping base and immediately remove any overflown cement excess as well as the sealing pin.

Unscrew the infrastructure from the model. Final framework with ensured passivity.

Final framework.

Distal Bar Technique

Technique used to ease mandible rehabilitation, through a provisional hybrid type prostheses supported by implants.

Neo Distal Bar Coping

:: Available in titanium;
:: Retainers to ease joining with acrylic resin;
:: Recommended torque: 10 N.cm;
:: For torque, use Neo Screwdriver (105.132)

118.308

Neo Distal Bar

:: Recommended for distal Implants to reinforce the cantilever.

125.116

Polishing Protector

:: Available in surgical steel;
:: Protection for the lab polishing.

123.008

Check it out on the eShop, go to: neodent.com/shopnow

Demonstration Sequence

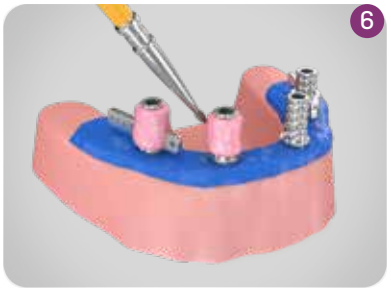
Neodent® Abutments placed.

Prosthesis wearing, keeping posterior region integrity.

Place the copings into the central Implants and Distal Bar to distal Implants.

Proof of inferior prostheses wearing (centered occlusion position, no interference on copings).

Placement of rubber dam over copings to protect soft tissues.



Apply selfpolymerizing acrylic resin on and between the copings.

Apply to worn area in lower prosthesis, repositioning inside mouth. Keep patient in occlusion until total polymerization.

Remove the inferior prosthesis after resin is polymerized. Copings already captured.

Adjustments, finishing and polishing procedures of inferior prosthesis with polishing protectors.

Placed provisional implant supported prosthesis.

Final inside-mouth posterior view.

Digital Solutions

Neodent® Digital Libraries

Visit www.neodent.com/cadcam to download the digital files to work with Neodent® Titanium Bases, Titanium Blocks, Abutments, Mini Conical Abutments, Micro Abutments, Universal Abutments, One Step Hybrid Copings, Scanbodies and Hybrid Repositionable Analogs. Libraries are available for the following companies: exocad GmbH, Amann Girrbach AG Inc, Dental Wings Inc and 3Shape A/S.

Scanbody

Neodent® Scanbodies can be used for scanning and digitalization of the patient or model providing accuracy in determining the analog position.

- 108.207 GM Exact Implant Intraoral Scanbody (intraoral and model)
- 108.222 Zi Implant Scanbody (intraoral and model)
- 108.221 NGM Implant Scanbody (intraoral and model)
- 108.226 HS Implant Scanbody (intraoral and model)
- 108.218 Mini Conical Abutment Scanbody (intraoral and model)
- 108.219 Micro Abutment (intraoral and model)
- 108.220 Abutment (intraoral and model)
- 108.199 CR Abutment Scanbody 4.0x5 (intraoral)
- 108.200 CR Abutment Scanbody 4.5x5 (intraoral)
- 108.143 Universal Abutment 3.3x4 (intraoral)
- 108.144 Universal Abutment 3.3x6 (intraoral)
- 108.145 Universal Abutment 4.5x4 (intraoral)
- 108.146 Universal Abutment 4.5x6 (intraoral)

Hybrid Repositionable Analog

Neodent® Hybrid Repositionable Analogs can be used in prototyped models, produced by 3D printers, or conventional plaster models.

- 101.103 GM Hybrid Repositionable Analog 3.5/3.75
- 101.089 GM Hybrid Repositionable Analog 4.0/4.3
- 101.090 GM Hybrid Repositionable Analog 5.0/6.0
- 101.091 Micro Abutment Hybrid Repositionable Analog
- 101.092 Mini Conical Abutment Hybrid Repositionable Analog
- 101.097 Universal Abutment Hybrid Repositionable Analog 3.3X4
- 101.098 Universal Abutment Hybrid Repositionable Analog 3.3X6
- 101.099 Universal Abutment Hybrid Repositionable Analog 4.5X4
- 101.100 Universal Abutment Hybrid Repositionable Analog 4.5X6
- 101.101 GM Abutment Hybrid Repositionable Analog
- 101.080 Hybrid Repositionable Analog Zi Implant
- 101.106 Zi CR Abutment Analog 4.0x5
- 101.105 Zi CR Abutment Analog 4.5x5
- 101.107 NGM Hybrid Analog
- 101.108 HS Hybrid Analog

NeoResins™

Printing smiles

NEW

3D printing solution with Neodent® performance

NeoResins™ is designed to deliver performance in digital workflows formulated exclusively by Neodent® quality standard production center.

DENTAL SOLUTIONS DELIVERED FOR YOUR NEEDS

Range of applications tailored to meet various clinical requirements, from medical to non-medical devices.

ACCESSIBLE TECHNOLOGY

Engineered to integrate with the most common Digital Light Processing (DLP) 3D printing technologies.

BIO
BIOCOMPATIBLE

Biocompatible dental 3D printing resins approved by global medical regulations.

COLOR
Beige

183.2012

EXTRAORAL

Dental Model

Standard non-biocompatible 3D printing resin developed for highly detailed models, available in plaster color to ensure excellent esthetic results, demonstrating precision.

TECHNICAL INFORMATION

Flexural strength	87,9 MPa
Viscosity	500 - 900 cps
UV Wavelength	≤ 405nm

BIO
BIOCOMPATIBLE

COLOR
B1

183.1057

INTRAORAL

Temporary Denture Teeth

Designed to achieve both functional and visually pleasing outcomes, offers a natural-looking printed teeth providing flexibility and ease of use when combined with the Temporary Denture Base resin.

TECHNICAL INFORMATION

Flexural strength	77,09 MPa
Viscosity	500 - 900 cps
UV Wavelength	≤ 405 nm

BIO
BIOCOMPATIBLE

COLOR
Pink

183.1056

INTRAORAL

Temporary Denture Base

Provides resilient mechanical properties and functional attributes ideal for printing temporary dentures with durability throughout their use.

TECHNICAL INFORMATION

Flexural strength	87,9 MPa
Viscosity	500 - 900 cps
UV Wavelength	≤ 405nm

BIO
BIOCOMPATIBLE

COLOR
Transparent

183.1029

INTRAORAL

Surgical Guide

Obtain optimal results with our surgical guide material, which facilitates steam sterilization without compromising the dimensions or features of the 3D printed parts.

TECHNICAL INFORMATION

Flexural strength	91,41 MPa
Viscosity	500 - 900 cps
UV Wavelength	≤ 405 nm

BIO
BIOCOMPATIBLE

COLOR
Transparent

183.1030

INTRAORAL

Bite Splint

The biocompatible resin used for bite splints has specific attributes tailored for enduring procedures and for giving comfort to myorelaxant boards.

TECHNICAL INFORMATION

Flexural strength	82,58 MPa
UV Wavelength	≤ 405 nm

General Instruments

Torque Wrench

:: Available in surgical steel;
:: Extremely safe (lower than 5% variation);
:: Fitting for square connections;
:: Collapsible Wrench that allows for proper assembly cleaning.

104.050

Operational Instructions

The Neodent® Torque Wrench was designed to allow the necessary torque to be applied and simultaneous verification of that torque with the same Instrument.

All that is needed is to apply force to the wrench handle **1** (never the wrench body) until the value marked on the LATERAL SCALE **2** corresponds to the desired torque.

The wrench function works in both directions, by simply pulling and turning the driver's pin 180º. However, the torque measurements work only lockwise.

•WARNING: When inverting the torque direction, the gear may come loose from the driver body and fall. Therefore, this inversion should only be done with the driver connected to a part or outside the patient's mouth.

The Neodent® Torque Wrench comes with pre-calibrated torques

Titanium Tweezers

:: To handle implants;
:: New Tweezer system that prevents deviation in the active bit;
:: Millimeter scale for checking during procedures;
:: Self-locking implant.

129.001

Depth Probe

:: Available in titanium;
:: To probe preparations and analyze depth;
:: Millimeter scale for checking during procedures.

129.004

7 and 9 mm Space Planning Instrument

:: Available in surgical steel;
:: Recommended for prosthetic/surgical planning.
:: 7 and 9 mm marks.

128.026

Surgical Labial Retractor

:: Available in surgical steel;
:: Rounded edges to minimize surgical trauma.

124.001

Columbia Retractor

:: Available in surgical steel;
:: Rounded edges to minimize surgical trauma.

124.003

Scapel Handle

:: Available in surgical steel;
:: For standard scalpel blade use;
:: Blade not included.

129.008

Bivers Handle

:: Available in surgical steel;
:: Non-traumatic extraction for implant placement;
:: Similar to a periotome.

129.002

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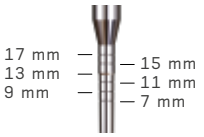
neodent.com/shopnow

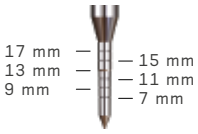
Concave Osteotome



:: Available in surgical steel;
:: Concave active cutting bit for nontraumatic lifting the floor of the maxillary sinus;
:: Used to prepare the surgical alveolus for Implant placement in the posterior maxillary region with low bone height;
:: Marks from 7 to 17mm.
:: Marks from 7 to 17mm.

1.8 mm	2.0 mm	2.5 mm	3.0 mm	3.5 mm	4.0 mm	4.5 mm
110.325	110.323	110.326	110.327	110.328	110.329	110.330

Convex Osteotome



:: Available in surgical steel;
:: Convex active bit;
:: Used when the bone width is insufficient, demanding bone compression and expansion before placing the implant;
:: Marks from 7 to 17mm.

1.8 mm	2.5 mm	2.9 mm	3.0 mm	3.5 mm
110.331	110.332	110.324	110.333	110.334

Osteotomes Kit Case

:: Available in polymer;
:: Autoclavable;
:: Osteotomes sold separately.

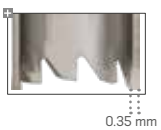
110.336

Surgical Hammer

:: Available in surgical steel;
:: Polymer active bit;
:: Used in compactors and expanders;
:: Weight: 130g.

126.001

Trephine Bur



:: Available in surgical steel;
:: Collecting bone cylinder;
:: Implant removal.

Ø 3.3	Ø 3.5	Ø 3.75	Ø 4.1
103.051	103.490	103.491	103.026

Ø 4.3	Ø 5.0	Ø 8.0
103.087	103.027	103.028

Sinus Lift Curette

:: Available in surgical steel;
:: Used to displace the Sinusal Membrane.

1	3	4	5	7
126.008	126.009	126.010	126.011	126.012

Complement Case

:: Available in autoclavable polymer;
:: Used to organize drills and auxilliary connections.

110.270

Handle Implant Driver

:: Available in stainless steel;
:: Manual implant placement.

104.047

Analog Handle

:: Used for tightening analogs and milling prosthetic abutments.

104.036

Prosthetic Surgical Guide

:: Available in titanium;
:: Abutments to prepare the surgical guide;
:: Prosthetic guide inner diameter 2 mm
:: Heights 6 and 10 mm;
:: Surgical Guide: package with 10 units (5 units of 10 mm and 5 units of 6 mm);
:: Surgical Guide Pin: package with 5 units

Guide	Pin
103.092	103.093

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