CATALOG • 2025

NEODENT
A Straumann Group Brand

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**.

SUMMARY

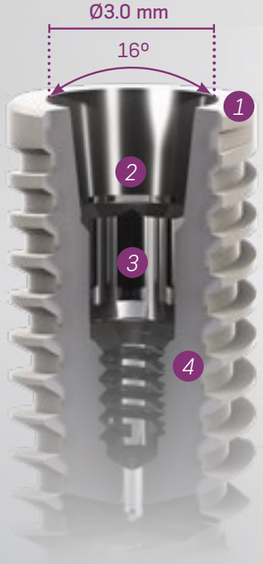
Grand Morse™

GREATNESS IS AN ACHIEVEMENT

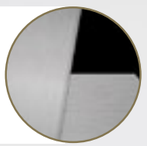
GRAND RELIABILITY

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 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.



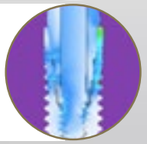
1 Platform Switching
Abutment design with a narrower diameter than the implant coronal area, enabling the platform switching concept[5-9].



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.



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 Grand Morse™ connection regardless of the implant diameter.

ONE SCREWDRIVER

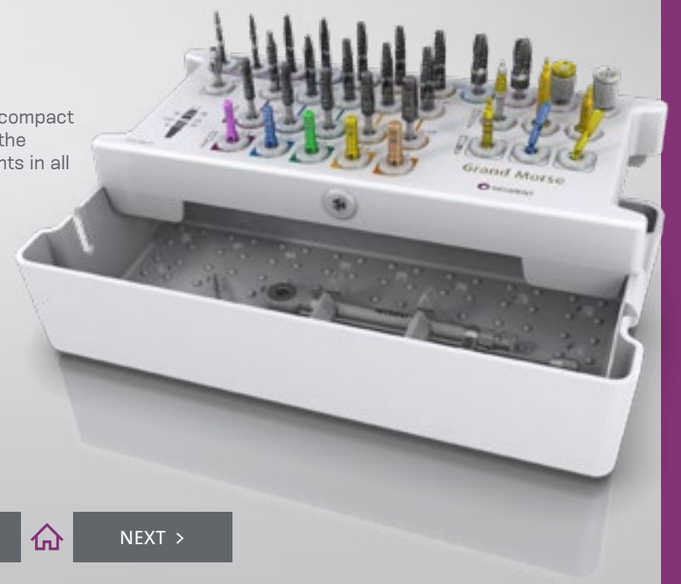
The Neo Screwdriver has a star attachment offering reliability and durability compatible with all Neodent® Grand Morse™ healing abutments and cover screws and most of the restorative screws.

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.



< PREVIOUS NEXT >

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 an implant design featuring the 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°

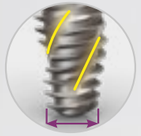
» Allowing under-osteotomy

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

» Designed for primary stability in all bone types

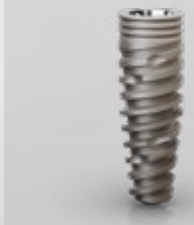
ACQUA hydrophilic surface

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.

*Note: For the purposes of immediate loading, primary stability must reach, at least, 35 N.cm and the patient must present physiological occlusion.

GRAND ESTHETICS

DELIVER IMMEDIATE NATURAL-LOOKING ESTHETICS

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 to support 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

GM Novaloc 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

*TiN - Titanium nitride

< PREVIOUS NEXT >

Neodent® Grand Morse™ Implant Packaging

Neodent® implant packaging has been updated to a concept that provides convenience 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.

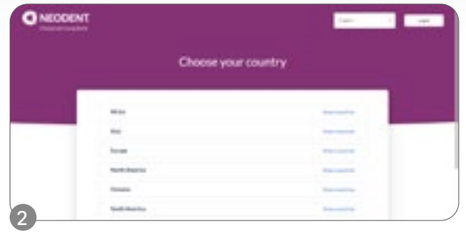
e-IFU – Electronic Instructions For Use

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

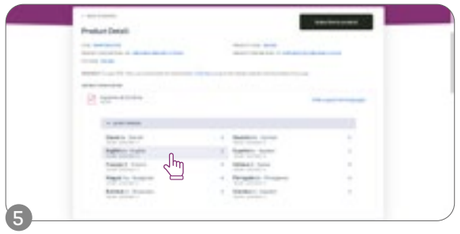
1 To access the IFU website, enter the address above in your browser.



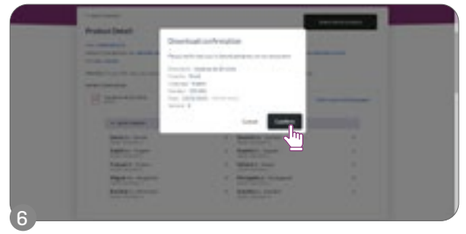
2 Select the country.

3 Enter the article number in the search field.

4 The search results will be displayed; click on “show supported languages.”



5 Select the language.



6 Confirm and access the IFU.

< PREVIOUS NEXT >

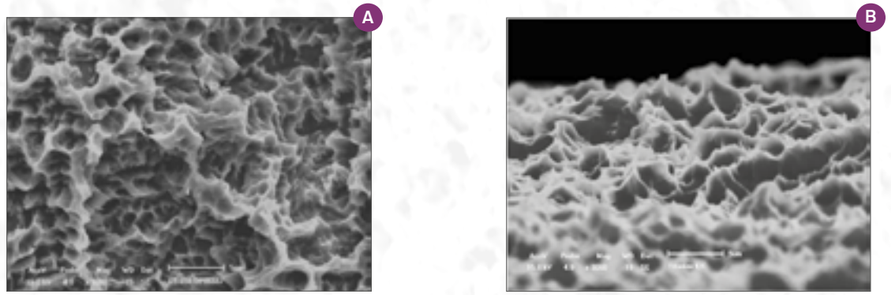
NeoPoros

Constant Evolution.

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).

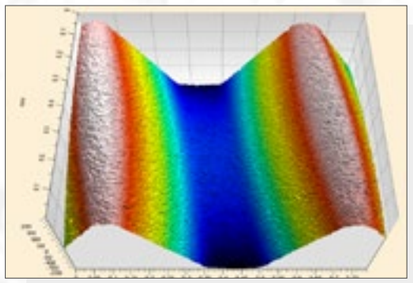


Image taken by confocal microscopy.
Roughness and Microtopography.
(Sa= 0.3 – 1.3 µm; Sz= 6.0 - 15.5 µm).

acqua®

ACQUA Hydrophilic Surface designed for high treatment predictability.

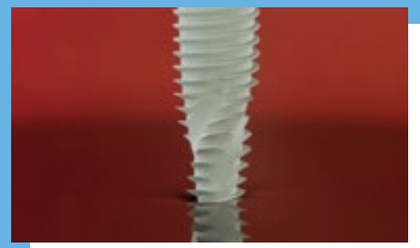
The Neodent® ACQUA hydrophilic surface is the next level of the highly successful S.L.A. type of surface developed for challenging situations, such as soft bone or immediate protocols.[1-4]

Hydrophilicity

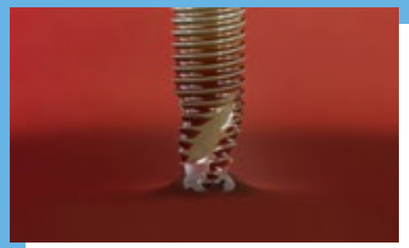
The hydrophilic surface presents a smaller contact angle when in contact with hydrophilic liquids. This provides greater accessibility of organic fluids to ACQUA implant surface.[2]

Surface comparison

Lab generated images.



NeoPoros surface.



ACQUA Hydrophilic Surface.

< PREVIOUS NEXT >

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:

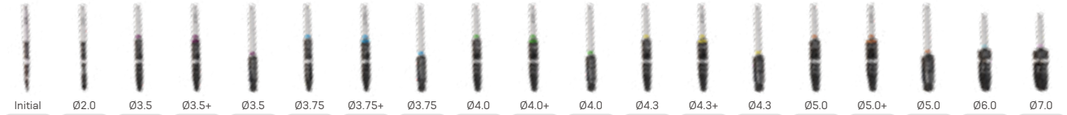
- Contour drill is required in bone types I and II;
- Final pilot drills are highly recommended in bone types I and II;
- Implant should be positioned 1 or 2 mm below bone level;
- Drilling speed: 800-1200 rpm for bone type I and II;
- Drilling speed: 500-800 rpm for bone type III and IV;
- Implant insertion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

Available with:

NeoPoros or acqua®

< PREVIOUS NEXT >

Drill Sequence



	Initial	Ø2.0	Ø3.5	Ø3.5+	Ø3.5	Ø3.75	Ø3.75+	Ø3.75	Ø4.0	Ø4.0+	Ø4.0	Ø4.3	Ø4.3+	Ø4.3	Ø5.0	Ø5.0+	Ø5.0	Ø6.0	Ø7.0
	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
Ø3.5	✓ *	✓		✓	✓														
Ø3.75	✓ *	✓	✓				✓	✓											
Ø4.0	✓ *	✓	✓			✓				✓	✓								
Ø4.3	✓ *	✓	✓			✓			✓			✓	✓	✓					
Ø5.0	✓ *	✓	✓			✓			✓ *			✓				✓	✓		

*Optional / Bone types I and II

Ø3.5	✓ *	✓	✓																
Ø3.75	✓ *	✓	✓			✓ *													
Ø4.0	✓ *	✓	✓						✓ *										
Ø4.3	✓ *	✓	✓			✓						✓ *							
Ø5.0	✓ *	✓	✓									✓			✓ *				
Ø6.0	✓ *	✓	✓			✓						✓			✓			✓	
Ø7.0	✓ *	✓	✓									✓			✓			✓	✓ *

*Optional / Bone types III and IV

Drill Sequence with Neodent® Control System

	Initial	Ø2.0	Ø3.5	Ø3.5+	Ø3.5	Ø3.75	Ø3.75+	Ø3.75	Ø4.0	Ø4.0+	Ø4.0	Ø4.3	Ø4.3+	Ø4.3	Ø5.0	Ø5.0+	Ø5.0	Ø6.0	Ø7.0
	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
Ø3.5	✓ *	✓		✓	✓														
Ø3.75	✓ *	✓	✓				✓	✓											
Ø4.0	✓ *	✓	✓			✓				✓	✓								
Ø4.3	✓ *	✓	✓			✓			✓			✓	✓	✓					
Ø5.0	✓ *	✓	✓			✓			✓ *			✓				✓	✓		

*Optional / Bone types I and II

Ø3.5	✓ *	✓	✓																
Ø3.75	✓ *	✓	✓			✓ *													
Ø4.0	✓ *	✓	✓						✓ *										
Ø4.3	✓ *	✓	✓			✓						✓ *							
Ø5.0	✓ *	✓	✓									✓			✓ *				
Ø6.0	✓ *	✓	✓			✓						✓			✓			✓	
Ø7.0	✓ *	✓	✓									✓			✓			✓	✓ *

*Optional / Bone types III and IV

Helix **GM** Implants

Ø3.5	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

Ø3.75	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

Ø4.0	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

Ø4.3	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

Ø5.0	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

Ø6.0*	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

Ø7.0*	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 Ncm.

GM Healing Abutment

	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm
Ø3.3	106.207	106.208	106.209	106.210	106.211	106.212
Ø4.5	106.213	106.214	106.215	106.216	106.217	106.218
Ø5.5		106.250	106.251	106.252	106.253	
Ø6.5		106.254	106.255	106.256	106.257	

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

GM Customizable Healing Abutment

	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm	6.5 mm
Ø5.5	106.223	106.224	106.225	106.226	106.227	
Ø7.0		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 Ncm.

*The GM Helix Implant in diameters 6.0 and 7.0 is an exception, being indicated only for bone type III or IV.

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 Ncm.

Available with:

NeoPoros or acqua®

< PREVIOUS NEXT >

Drill Sequence

	Initial	Ø2.0	Ø3.5	Ø3.5	Ø4.3	Ø4.3	Ø5.0	Ø5.0
	103.170	103.425	103.561	103.513	103.570	103.516	103.573	103.517
Ø3.5 mm	✓	✓	✓	✓ *				
Ø4.3 mm	✓	✓	✓		✓ *	✓ *		
Ø5.0 mm	✓	✓	✓		✓		✓	✓ *

*Optional / Bone types III and IV

Drill Sequence with Neodent® Control System

	Initial	Ø2.0	Ø3.5	Ø2.8/3.5	Ø4.3	Ø3.6/4.3	Ø5.0	Ø4.3/5.0
	103.170	103.492	103.493	103.513	103.496	103.516	103.497	103.517
Ø3.5 mm	✓	✓	✓	✓ *				
Ø4.3 mm	✓	✓	✓		✓	✓ *		
Ø5.0 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
Ø3.5	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
Ø4.3	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
Ø5.0	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 Healing Abutment

Profile	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm
Ø3.3	106.207	106.208	106.209	106.210	106.211	106.212
Ø4.5	106.213	106.214	106.215	106.216	106.217	106.218
Ø5.5		106.250	106.251	106.252	106.253	
Ø6.5		106.254	106.255	106.256	106.257	

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

GM Customizable Healing Abutments

Profile	1.5 mm	2.5 mm	3.5 mm	4.5 mm		6.5 mm
Ø5.5	106.223	106.224	106.225	106.226	106.227	
Ø7.0		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 Ncm.

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 Ncm.

Available with:

NeoPoros or acqua®

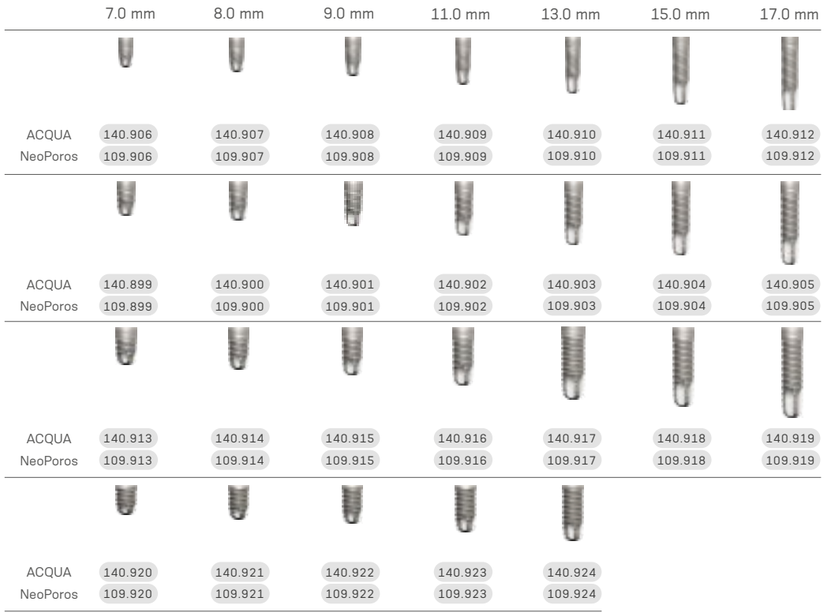
< PREVIOUS NEXT >

Drill Sequence

	Initial	Ø2.0	Ø2/3	Ø2.8	Ø3.0	Ø3.5	Ø3.3	Ø3.75	Ø4.0	Ø3.8	Ø4.3	Ø5.0
	103.170	103.162	103.213	103.163	103.164	103.513	103.166	103.514	103.515	103.167	103.168	103.517
Ø3.5 mm	✓	✓		✓		✓						
Ø3.75 mm	✓	✓	✓		✓			✓				
Ø4.0 mm	✓	✓	✓		✓		✓		✓			
Ø5.0 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
Ø3.5	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
Ø3.75	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
Ø4.0	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
Ø5.0	ACQUA	140.920	140.921	140.922	140.923	140.924		
	NeoPoros	109.920	109.921	109.922	109.923	109.924		

GM Healing Abutment

Profile	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm
Ø3.3	106.207	106.208	106.209	106.210	106.211	106.212
Ø4.5	106.213	106.214	106.215	106.216	106.217	106.218
Ø5.5		106.250	106.251	106.252	106.253	
Ø6.5		106.254	106.255	106.256	106.257	

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

GM Customizable Healing Abutments

Profile	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm	6.5 mm
Ø5.5	106.223	106.224	106.225	106.226	106.227	
Ø7.0		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 Ncm.

GM Abutment

Single-unit screw-retained prosthesis

Ø4.8 mm

Recommended for posterior region.

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	5.5 mm
115.272	115.273	115.274

GM Exact Abutment with Neo Removable Screw

20 Ncm 1

Intraoral

Abutment Scanbody

2

108.220

GM Abutment Hybrid Repositionable Analog

101.101

GM Abutment Coping for Crown - Digital Workflow

10 Ncm 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 Ncm 1

118.362

Conventional

GM Abutment Impression Coping Closed Tray

2

108.179

Neo Abutment Titanium Coping

10 Ncm 1

118.300

or

Neo Abutment Protection Cylinder

2

106.221

Abutment Analog

101.101 Hybrid Repositionable (conventional/digital)

101.076 Conventional

Neo Abutment CoCr Coping

10 Ncm 1

118.299

or

Neo Abutment Burn-out Coping

10 Ncm 1

118.298

Drivers

1 Neo Screwdriver Torque Connection + Torque Wrench

2 Neo Screwdriver Torque Connection + Manual Screwdriver Torque

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

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

Mini Conical Abutment Polishing Protector

123.008

Replacement Coping Screw

116.266 Titanium

Neotorque*

116.266

< PREVIOUS NEXT >

GM Mini Conical Abutment

Multiple-unit screw-retained prosthesis

Ø4.8 mm

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 Ncm 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 Ncm 2 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

10 Ncm 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 Ncm 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 Ncm 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 Ncm 2

118.303

or

Neo Mini Conical Abutment Burn-out Coping

10 Ncm 2

118.301

Drivers

1 Hexagonal Prosthetic Driver + Torque Wrench

2 Neo Screwdriver Torque Connection + Torque Wrench

3 Neo Screwdriver Torque Connection + Manual Screwdriver Torque

*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 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

Neotorque*

116.270

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

116.301

GM Micro Abutment

Single-unit screw-retained prosthesis

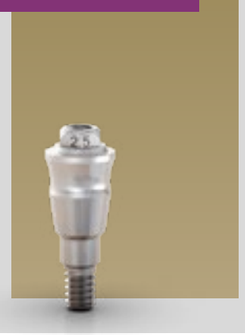
Multiple-unit screw-retained prosthesis

Ø3.5 mm

Recommended for limited spaces and narrow inter-dental spaces.

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 Ncm — 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 Ncm — 2 — 118.381

GM Micro Abutment Coping for Crown Digital Workflow — 10 Ncm — 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 Ncm — 2 — 118.381

GM Micro Abutment Coping for Crown Digital Workflow — 10 Ncm — 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 Ncm — 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 Ncm — 2

Bridge 118.296

Crown 118.316

or

Neo Micro Abutment Burn-out Coping — 10 Ncm — 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

Neotorque* — 116.270

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

GM Anatomic Abutment with Neo Removable Screw

Single-unit cement-retained prosthesis

Recommended for anterior region.

Installation Sequence

In Mouth

GM Exact Click Anatomic Abutment with Neo Removable Screw — 20 Ncm — 1

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

or

GM Exact Click Narrow Anatomic Abutment with Neo Removable Screw — 20 Ncm — 1

	1.5 mm	2.5 mm	3.5 mm
	114.868	114.869	114.870
17°	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

Ø3.5/3.75	Ø4.0/4.3	Ø5.0/6.0
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 Ncm — 1

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

or

GM Exact Click Narrow Anatomic Abutment with Neo Removable Screw — 20 Ncm — 1

	1.5 mm	2.5 mm	3.5 mm
	114.868	114.869	114.870
17°	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 1.5-2.5 GH

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

< PREVIOUS NEXT >

GM Universal Abutment with Neo Removable Screw

Single-unit cement-retained prosthesis

Ø3.3/4.5 mm

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 Removable Screw.

Installation Sequence

GM Exact Click Universal Abutment with Removable Screw

		0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm
4 mm	Ø3.3	114.826	114.827	114.828	114.829	114.830	114.831
	Ø4.5	114.838	114.839	114.840	114.841	114.842	114.843
6 mm	Ø3.3	114.832	114.833	114.834	114.835	114.836	114.837
	Ø4.5	114.844	114.845	114.846	114.847	114.848	114.849

or

GM Exact Click Universal Abutment 17º with Removable Screw

		1.5 mm	2.5 mm	3.5 mm
4 mm	Ø3.3	114.802	114.803	114.804
	Ø4.5	114.808	114.809	114.810
6 mm	Ø3.3	114.805	114.806	114.807
	Ø4.5	114.811	114.812	114.813

or

GM Exact Click Universal Abutment 30º with Removable Screw

		1.5 mm	2.5 mm	3.5 mm
4 mm	Ø3.3	114.814	114.815	114.816
	Ø4.5	114.820	114.821	114.822
6 mm	Ø3.3	114.817	114.818	114.819
	Ø4.5	114.823	114.824	114.825

Intraoral

Universal Abutment Intraoral Scanbody

4 mm	Ø3.3	108.143	6 mm	Ø3.3	108.144
	Ø4.5	108.145		Ø4.5	108.146

Universal abutment Hybrid Repositionable analog

4 mm	Ø3.3	101.097	6 mm	Ø3.3	101.098
	Ø4.5	101.099		Ø4.5	101.100

Milled crown

Conventional

Click Universal Abutment Impression Coping

4 mm	Ø3.3	108.172	6 mm	Ø3.3	108.173
	Ø4.5	108.174		Ø4.5	108.175

Click Universal Abutment Provisional Coping

4 mm	Ø3.3	118.304	6 mm	Ø3.3	118.305
	Ø4.5	118.306		Ø4.5	118.307

Universal Abutment Analog

4 mm	Ø3.3	101.097	6 mm	Ø3.3	101.098
	Ø4.5	101.099		Ø4.5	101.100

Hybrid Repositionable (conventional/digital)

Universal Abutment Burn-out Coping

4 mm	Ø3.3	118.181	6 mm	Ø3.3	118.182
	Ø4.5	118.183		Ø4.5	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 Titanium Base with Neo Removable Screw

Single-unit screw-retained prosthesis

Single-unit cement-retained prosthesis

Ø3.5/4.5/ 5.5/6.5 mm

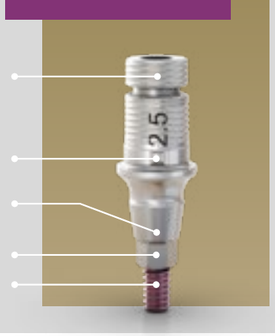
Customizable up to 4 mm high;

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

Ø3.5/3.75	Ø4.0/4.3	Ø5.0/6.0
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

Ø3.5/3.75	Ø4.0/4.3	Ø5.0/6.0
101.103	101.089	101.090

Hybrid Repositionable (conventional/digital)

GM Implant Intraoral Scanbody 2

108.207

GM Exact Titanium Base with Removable Screw 4mm

	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm
Ø3.5	135.355	135.356	135.357	135.358	135.359
Ø4.5	135.367	135.368	135.369	135.370	135.371
Ø5.5	135.379	135.380	135.381	135.382	135.383
Ø6.5		135.391	135.392	135.393	135.394

GM Exact Titanium Base with Removable Screw 6mm

	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm
Ø3.5	135.361	135.362	135.363	135.364	135.365
Ø4.5	135.373	135.374	135.375	135.376	135.377
Ø5.5	135.385	135.386	135.387	135.388	135.389
Ø6.5		135.395	135.396	135.397	135.398

Conventional

GM Implant Exact Impression Coping Closed and Open Tray 2

Regular	108.160	108.162
Long	108.161	108.163

GM Implant Analog

Ø3.5/3.75	Ø4.0/4.3	Ø5.0/6.0
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
Ø3.5	135.355	135.356	135.357	135.358	135.359
Ø4.5	135.367	135.368	135.369	135.370	135.371
Ø5.5	135.379	135.380	135.381	135.382	135.383
Ø6.5		135.391	135.392	135.393	135.394

GM Exact Titanium Base with Removable Screw 6mm

	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm
Ø3.5	135.361	135.362	135.363	135.364	135.365
Ø4.5	135.373	135.374	135.375	135.376	135.377
Ø5.5	135.385	135.386	135.387	135.388	135.389
Ø6.5		135.395	135.396	135.397	135.398

GM Titanium Base Burn-out Coping

Ø3.5	Ø4.5	Ø5.5	
118.322	118.325	118.329	4.0 mm
118.323	118.327	118.342	6.0 mm

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)

< PREVIOUS NEXT >

GM Titanium Base for Bridge with Neo Removable Screw

Multiple-unit screw-retained prosthesis

Multiple-unit cement-retained prosthesis

Ø3.5/4.5/ 5.5 mm

Cementable area:
4.0 mm for Ø3.5
4.5 mm for Ø4.5
and Ø5.5.

With internal threads for a secure engagement of the screw;

Neo Removable Screw.

Installation Sequence

Intraoral

GM Implant Intraoral Scanbody
2
108.207

GM Implant Analog

Ø3.5/3.75	Ø4.0/4.3	Ø5.0/6.0
101.103	101.089	101.090

Hybrid Repositionable (conventional/digital)

Model Scanning

GM Implant Exact Impression Coping Open Tray
2

Regular	108.158
Long	108.159

GM Implant Analog

Ø3.5/3.75	Ø4.0/4.3	Ø5.0/6.0
101.103	101.089	101.090

Hybrid Repositionable (conventional/digital)

GM Implant Intraoral Scanbody
2
108.207

GM Titanium Base for Bridge
20 Ncm 1

	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm
Ø3.5	135.399	135.400	135.401	135.402	135.403
Ø4.5	135.404	135.405	135.406	135.407	135.408
Ø5.5	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)

< PREVIOUS NEXT >

GM Titanium Base Angled Solution (AS)

Single-unit screw-retained prosthesis

Single-unit cement-retained prosthesis

Ø4.0/4.5/ 5.5 mm

With removable screw.

Cementable area:
6.0 or 4.0 mm;

Up to 15º

Exact

Installation Sequence

Intraoral

GM Implant Intraoral Scanbody
2
108.207

GM Implant Analog

Ø3.5/3.75	Ø4.0/4.3	Ø5.0/6.0
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

Ø3.5/3.75	Ø4.0/4.3	Ø5.0/6.0
101.103	101.089	101.090

Hybrid Repositionable (conventional/digital)

GM Implant Intraoral Scanbody
2
108.207

GM Titanium Base Angled Solution (AS) 4mm
20 Ncm 1

	0.8 mm	1.5 mm	2.5 mm
Ø4.0	135.327	135.328	135.329
Ø4.5	135.333	135.334	135.335
Ø5.5	135.339	135.340	135.341

or

GM Titanium Base Angled Solution (AS) 6mm
20 Ncm 1

	0.8 mm	1.5 mm	2.5 mm
Ø4.0	135.330	135.331	135.332
Ø4.5	135.336	135.337	135.338
Ø5.5	135.342	135.343	135.344

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

Titanium Base C for GM with Neo Removable Screw

Single-unit screw-retained prosthesis

Single-unit cement-retained prosthesis

Ø4.65 mm

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
Ø4.65	135.349	135.350	135.351
	3.5 mm	4.5 mm	5.5 mm
Ø4.65	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.

GH

GM Scanbase for C

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.

It is recommended to use the CAD/CAM technique through the Sirona Dental CAD/CAM System. →

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)

< PREVIOUS NEXT >

GM Titanium Block for MEDENTiKA Holder

Single-unit screw-retained prosthesis

Single-unit cement-retained prosthesis

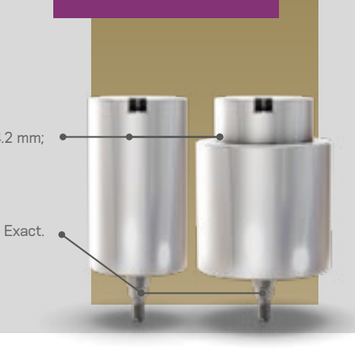
Multiple-unit cement-retained prosthesis

Ø11.5/ 15.8 mm

Screw sold separately.

Cementable area: 14.2 mm;

Exact.



Installation Sequence

Complete Digital Workflow

GM Implant Intraoral Scanbody 2 108.207

GM Implant Analog Ø4.0/4.3 101.089 Hybrid Repositionable (conventional/digital)

GM Exact Titanium Block for MEDENTiKA Holder Ø11.5mm 135.252 USK135.252-1

GM Exact Titanium Block for MEDENTiKA Holder Ø15.8mm 135.253 USK135.253-1

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 Ø4.0/4.3 101.089 Hybrid Repositionable (conventional/digital)

GM Implant Intraoral Scanbody 2 108.207

GM Exact Titanium Block for MEDENTiKA Holder Ø11.5mm 135.252 USK135.252-1

GM Exact Titanium Block for MEDENTiKA Holder Ø15.8mm 135.253 USK135.253-1

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

Neotorque*

116.285

*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

Ø12.0 mm

Screw sold separately.

Installation Sequence

Complete Digital Workflow

GM Implant Intraoral Scanbody
2
108.207

↓

GM Implant Analog
Ø4.0/4.3
101.089
Hybrid Repositionable (conventional/digital)

↓

GM Exact Titanium Block for Amann Girrbach Holder Ø12.0 mm
20 Ncm 1
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
Ø4.0/4.3
101.089
Hybrid Repositionable (conventional/digital)

↓

GM Implant Intraoral Scanbody
2
108.207

↓

GM Exact Titanium Block for Amann Girrbach Holder Ø12.0 mm
20 Ncm 1
135.226

↓

Finalized Prosthesis with CADCAM process

Drivers

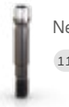
1 Neo Screwdriver Torque Connection + Torque Wrench

2 Neo Screwdriver Torque Connection + Manual Screwdriver Torque

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

Accessories

Sterile Screws sold separately
116.286 Titanium



Neotorque*
116.285

GM CoCr Abutment

Single-unit screw-retained prosthesis

Single-unit cement-retained prosthesis

Ø4.1/4.5/ 5.0 mm

For implants placed at bone level.

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 Ncm 1

GM Healing for CoCr Abutment 2

106.237 Ø3.5 / 3.75

106.238 Ø4.0 / 4.3

106.239 Ø5.0 / 6.0

↓ ↓

GM Implant Analog

↓

GM Exact CoCr Abutment Set

Ø3.5 / 3.75 118.309

Ø4.5 / 4.3 118.310

Ø5.0 / 6.0 118.311

20 Ncm 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

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

Accessories

Replacement Sterile Screws
116.286 Titanium

Neotorque*
116.285

< PREVIOUS NEXT >

GM Temporary Abutment

Single-unit screw-retained temporary prosthesis

Multiple-unit screw-retained temporary prosthesis

Ø3.5/ 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.

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

Customization

Temporary Prosthesis

Drivers

1 Neo Screwdriver Torque Connection + Torque Wrench

Accessories

Replacement Sterile Screws
116.286 Titanium

Neotorque*
116.285

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

GM Pro Peek Abutment with Neo Removable Screw

Single-unit cement-retained temporary prosthesis

Ø4.5/ 6.0 mm

Biocompatible Peek of easy customization.

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

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

< PREVIOUS NEXT >

GM Novaloc for Removable Prostheses

Overdenture

Angled version with removable screw.

Installation Sequence

GM Novaloc — 20 Ncm (1)

0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm
102.161	102.162	102.163	102.164	102.165	102.166

or

GM Novaloc 15° (with removable screw) — 20 Ncm (1)

0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm
102.167	102.168	102.169	102.170	102.171	102.172

Abutment Level Workflow

Conventional

Forming/Fixing Matrix
4 Pcs
2010.722-NOV

Attachment Analog
4 Pcs
2010.721-NOV

Attachment Analog 15°
4 Pcs
2010.720-NOV

Mounting Collar
10 Pcs
2010.724-NOV

Digital

Novaloc® Scanbody
2010.726-NOV 4 Pcs
2010.727-NOV 10 Pcs

Novaloc® Model Analog CADCAM
2010.728-NOV 4 Pcs
2010.729-NOV 10 Pcs

Abutment Level Workflow only.
- Go to https://www.straumann.com/ca/en/dental-professionals/products-and-solutions/implant-borne-prosthetics/products/novaloc.html

Matrix Housing (including Processing Spacer)

With attachment
4 Pcs
2010.703-NOV

Titanium
4 Pcs
2010.701-NOV

PEEK
4 Pcs
2010.702-NOV

PEEK Processing Pack
2 Pcs
2010.611-NOV

Ti Processing Pack
2 Pcs
2010.601-NOV

Retention Insert

Red (~300g, ~0.6lbs)
4 Pcs
2010.710-NOV

Yellow (~1200g, ~2.6lbs)
4 Pcs
2010.712-NOV

Blue (~2100g, ~4.6lbs)
4 Pcs
2010.714-NOV

White (~750g, ~1.6lbs)
4 Pcs
2010.711-NOV

Green (~1650g, ~3.6lbs)
4 Pcs
2010.713-NOV

Black (~2550g, ~5.6lbs)
4 Pcs
2010.715-NOV

Drivers

1 Neo Screwdriver Torque Connection
+
Torque Wrench

Accessories

Equipment Box Empty, w/ three tools
2010.101-NOV

Processing Spacer
4 Pcs
2010.723-NOV

Mounting Insert
4 Pcs
2010.725-NOV

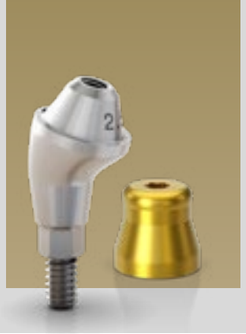
Matrix Housing Extractor
2010.751-NOV

Mounting and Demounting Tool for Retention Inserts
2010.741-NOV

Demounting Tool for Mounting Inserts for Analogs
2010.731-NOV

GM Mini Conical Abutment Coping for Removable Prosthesis

Overdenture



Installation Sequence

GM Mini Conical Abutment — 32 Ncm (1)

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

GM Exact Mini Conical Abutment 17°/30° 45°/45° slim/52° / 60° — 20 Ncm (2)

	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 Zygoma GM and GM Zygoma-S.
•Warning: The coping for removable prostheses is not indicated for immediate loading. Do not recommended for immediate loading.

15 Ncm

Coping**
118.391

Abutment Level Workflow

Conventional

Forming/Fixing Matrix
4 Pcs
2010.722-NOV

Attachment Analog
4 Pcs
2010.721-NOV

Attachment Analog 15°
4 Pcs
2010.720-NOV

Mounting Collar
10 Pcs
2010.724-NOV

Digital

Novaloc® Scanbody
2010.726-NOV 4 Pcs
2010.727-NOV 10 Pcs

Novaloc® Model Analog CADCAM
2010.728-NOV 4 Pcs
2010.729-NOV 10 Pcs

Abutment Level Workflow only.
- Go to https://www.straumann.com/ca/en/dental-professionals/products-and-solutions/implant-borne-prosthetics/products/novaloc.html

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.

Matrix Housing (including Processing Spacer)

With attachment
4 Pcs
2010.703-NOV

Titanium
4 Pcs
2010.701-NOV

PEEK
4 Pcs
2010.702-NOV

PEEK Processing Pack
2 Pcs
2010.611-NOV

Ti Processing Pack
2 Pcs
2010.601-NOV

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

Retention Insert

Red (~300g, ~0.6lbs)
4 Pcs
2010.710-NOV

Yellow (~1200g, ~2.6lbs)
4 Pcs
2010.712-NOV

Blue (~2100g, ~4.6lbs)
4 Pcs
2010.714-NOV

White (~750g, ~1.6lbs)
4 Pcs
2010.711-NOV

Green (~1650g, ~3.6lbs)
4 Pcs
2010.713-NOV

Black (~2550g, ~5.6lbs)
4 Pcs
2010.715-NOV

Drivers

Hexagonal Prosthetic Driver
+
Torque Wrench

Neo Screwdriver Torque Connection
+
Torque Wrench

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

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

< PREVIOUS NEXT >

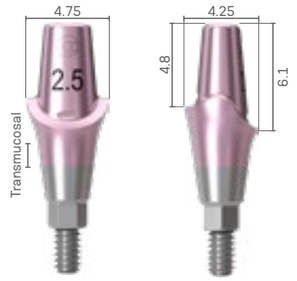
Measurements GM Mini Conical Abutment with Neo Removable Screw

17°

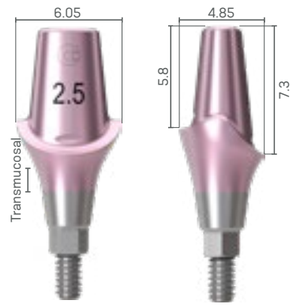
30°

Measurements GM Anatomic Abutment with Neo Removable Screw

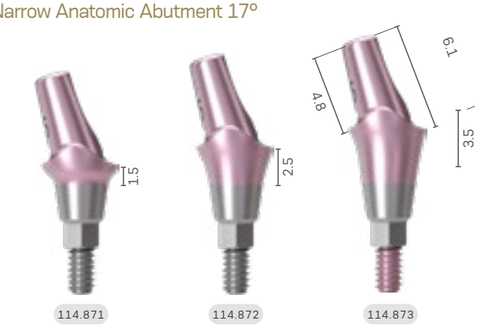
Narrow Anatomic Abutment



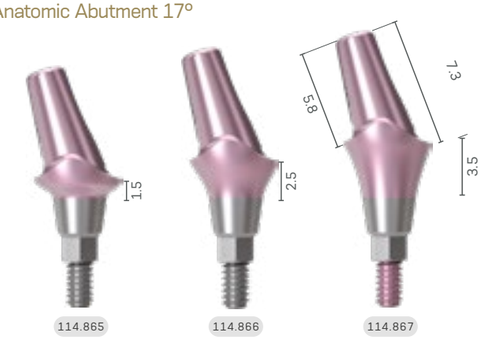
Anatomic Abutment



Narrow Anatomic Abutment 17°

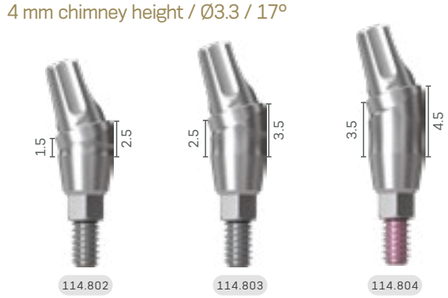


Anatomic Abutment 17°

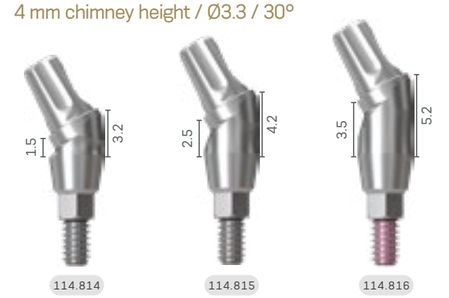


Measurements GM Universal Abutment with Neo Removable Screw

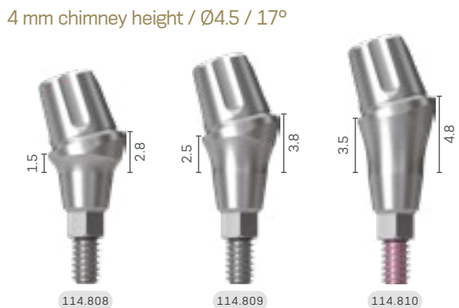
4 mm chimney height / Ø3.3 / 17°



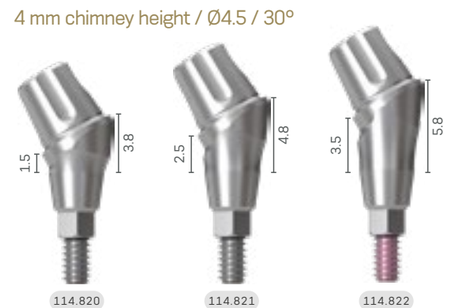
4 mm chimney height / Ø3.3 / 30°



4 mm chimney height / Ø4.5 / 17°

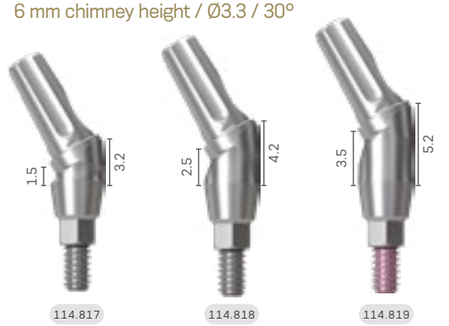


4 mm chimney height / Ø4.5 / 30°



6 mm chimney height / Ø3.3 / 17°

6 mm chimney height / Ø3.3 / 30°



6 mm chimney height / Ø4.5 / 17°

6 mm chimney height / Ø4.5 / 30°

< PREVIOUS NEXT >

Grand Morse™ Kits

Grand Morse™ Surgical Kit

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

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

Grand Morse™ and WS Surgical Kit

Autoclavable polymer case.

Articles

110.287	GM/WS 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
103.415	GM Pilot Drill 3.0/3.75
103.167	Twist Drill 3.8 Plus
103.168	Twist Drill 4.3 Plus
103.215	Pilot Drill 4.3/5.3 Plus
103.163	Twist Drill 2.8 Plus
103.169	Twist Drill 5.3 Plus
103.170	Initial Drill Plus
103.513	Pilot Drill GM 2.8/3.5
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
103.221	Pilot Drill CM 5.3/6.0 Plus
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
128.029	WS Height Measurer
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
105.002	Smart/WS Implant Driver - Contra-Angle
104.060	Neo Screwdriver (Medium)
105.130	GM Implant Driver GM - Torque Wrench
105.018	Hex Connection - Torque Wrench (Long)
104.028	Manual Implant Driver - Contra-Angle
104.012	Manual Screwdriver (Medium)
105.129	GM Implant Driver GM - Torque Wrench
105.001	Smart/WS 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
128.024	WS Direction Indicator 4.3/5.0
128.025	WS Direction Indicator 5.3/6.0
128.028	GM Height Measurer
129.004	Depth Probe
129.001	Titanium Tweezers
104.050	Torque Wrench
103.426	Drill Extension

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, 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 GM
105.130	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).

< PREVIOUS NEXT >

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).

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 Screwdriver Torque Connection (Long) - 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.

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.

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.

Neodent controlsystem

User friendly kit retentive system

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

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.

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

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

< PREVIOUS NEXT >

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
Ø2.0	103.559	103.425	103.560
Ø3.5	103.562	103.561	103.563
Ø3.75	103.565	103.564	103.566
Ø4.0	103.568	103.567	103.569
Ø4.3	103.571	103.570	103.572
Ø5.0	103.574	103.573	103.575
Ø6.0	103.576		
Ø7.0	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.

Ø3.5+	103.578
Ø3.75+	103.579
Ø4.0+	103.580
Ø4.3+	103.581
Ø5.0+	103.582

Pilot Drills

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

Ø2/3	103.213		
Ø3.5	103.513	Ø5.0	103.517
Ø3.75	103.514	Ø3.8/4.3	103.214
Ø4.0	103.515	Ø4.3/5.3	103.215
Ø4.3	103.516	Ø5.3/6	103.221

Twist Drills

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

	Short 31 mm	Regular 35 mm	Long 43 mm
Ø2.0	103.222	103.162	103.228
Ø2.8	103.223	103.163	103.229
Ø3.0	103.224	103.164	103.230
Ø3.3	103.225	103.166	103.231
Ø3.8	103.226	103.167	
Ø4.3	103.227	103.168	

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.

Ø2.0	103.492	Ø4.3	103.496
Ø3.5	103.493	Ø5.0	103.497
Ø3.75	103.494	Ø6.0	103.498
Ø4.0	103.495	Ø7.0	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.

Ø3.5+	103.500	Ø4.3+	103.503
Ø3.75+	103.501	Ø5.0+	103.504
Ø4.0+	103.502		

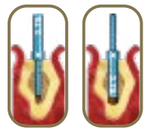
Control Drill Stops

:: 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
Ø2.0	125.144	125.145	125.146	125.147
Ø3.5	125.148	125.149	125.150	125.151
Ø3.75/4.0	125.152	125.153	125.154	125.155
Ø4.3/5.0	125.156	125.157	125.158	125.159
Ø6.0/7.0	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 (3 mm) biological space;
:: Maximum torque 35 Ncm.

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 Ncm..

Short	Long
22 mm	30 mm
105.129	105.130

Neo Screwdriver Torque Connection - Torque Wrench

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

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

Neo Manual Screwdriver

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

Short	Medium	Long
21 mm	25 mm	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	Short	Long	Extra Long
16.5 mm	24 mm	31 mm	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 Screwdriver for Torque Wrench

:: To place GM Titanium Bases for Angled Solution with torque wrench;
:: Maximum torque of 20 Ncm and up to 15º.

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

Angled Solution Screwdriver for Contra-angle

:: To place GM Titanium Bases for Angled Solution with contra-angle;
:: Maximum torque of 20 Ncm and up to 15º.

Short	Medium	Long
20 mm	26 mm	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: 17º and 30º;
:: To select and plan the abutments angulation during surgical procedures;
:: Suggested use: after Twist Drill 2.0.

17º	30º
128.030	128.031

GM Angle Measurer

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

17º	30º
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

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

Tapered X-ray positioner Drive/Helix

:: Available in Titanium
:: Used to verify the depth of ostemotomy without opening flaps;
:: We suggest using a periodical x-ray to evaluate

Ø3.5	Ø4.3	Ø5.0
129.009	129.013	129.014

Torque Wrench

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

Regular
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

*130.117 and 130.116 sold as a set of two.

Stainless Steel Removal Implants,

:: Implants Removal
:: Stainless Steel

Regular
130.050

< PREVIOUS NEXT >

Neodent easyguide

SIMPLICITY AT ONE HAND

Neodent® EasyGuide is designed to offer simple fully guided techniques and efficient treatment protocols.

STRAIGHTFORWARD GUIDED SURGERY TECHNIQUE
Surgical convenience with one-hand procedures

EFFICIENT TREATMENT PROTOCOLS
Intuitive and simple technique

DESIGNED FOR ACCURATE IMPLANT POSITIONING
Gain confidence with simple, fully guided techniques

PATIENT TREATMENT COMMUNICATION
Visual 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.

1 COLOR CODE ACCORDING TO IMPLANT DIAMETER

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

3 LASER-MARKED LENGTH

4 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.

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,

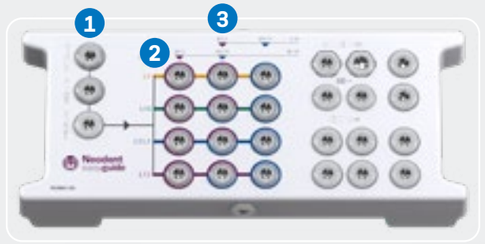
1. DATA ACQUISITION
3D (CB)CT scan (DICOM) Intraoral or lab scanning (STL images)

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

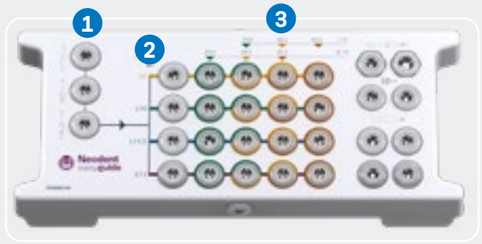
3. SURGICAL GUIDE PRODUCTION
The surgical guide must contain the sleeves that guide the instruments and the implants.

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

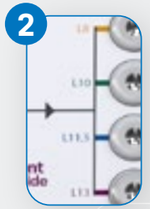
EASYGUIDE KIT NARROW/REGULAR • Ø3.5, Ø3.75



EASYGUIDE KIT REGULAR/WIDE • Ø4.0, Ø4.3, Ø5.0

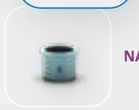


1 UNIQUE START REGARDLESS OF BONE TYPE



2 STRAIGHTFORWARD IMPLANT LENGTH IDENTIFICATION

3 COLOR CODED DRILL SEQUENCE FOR EACH IMPLANT DIAMETER



NARROW SLEEVE: Ø3.5/Ø3.75

REGULAR SLEEVE: Ø4.0/Ø4.3/Ø5.0

< PREVIOUS NEXT >

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 Depth Probe
- 125.142 Fixation Clamp - 3 units per kit
- 104.050 Torque Wrench
- 105.167 Long Neo Screwdriver for Contra-angle

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

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.

	Ø3.5	Ø3.5/3.75	Ø3.75
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

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

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.

	Ø2.7	Ø4.0	Ø4.0/4.3	Ø4.3/5.0	Ø5.0
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

Mucosa Punches

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

Narrow	Regular
103.583	103.584

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 Ø1.3	Guide Clamp
103.395	125.142

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

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

Neodent easyguide

< PREVIOUS NEXT >

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® aims to improve patient satisfaction and quality of life by immediately restoring function and esthetics [10].

Immediate function resulting in shorter treatment times.

- Different implants techniques to minimize 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.

- A broad gingival height abutment rangeto cater the patient's needs.
- Options of straight and angled abutments (0º, 17º, 30º, 45º*, 52º* & 60º*).

Immediate peace of mind thanks to a stable foundation.

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

SOLUTIONS FOR ALL CLINICAL NEEDS

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

*The 45º Mini Conical Abutment, 45º Mini Conical Abutment Slim, the 52º Mini Conical Abutment and 60º Mini Conical Abutment are indicated for use only with Zygoma GM and Zygoma-S.

Helix **GM** Long

PRODUCT FEATURES:

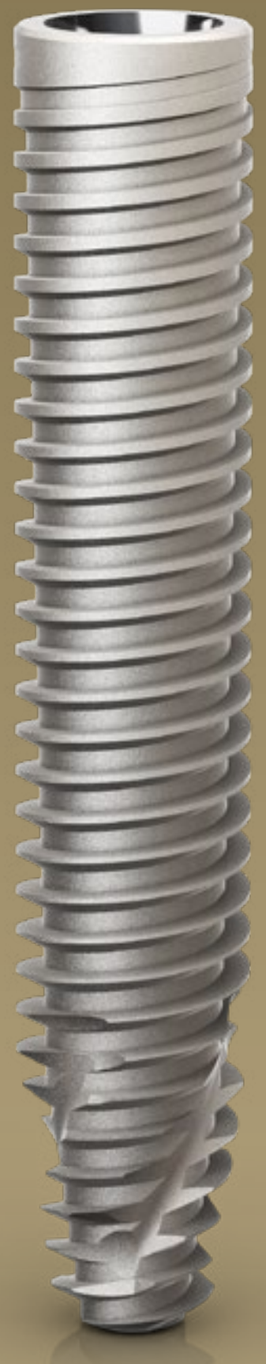
Implants Description:
• Full dual tapered implant;
• Hybrid contour with a cylindrical coronal part and conical on the apical area;
• Active apex including a soft rounded small tip and helicoidal flutes;
• Dynamic progressive thread design: from compressing trapezoidal threads on the coronal area to 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 Ncm.

Available with:

NeoPoros®



Drill Sequence

	Initial	Ø2.35	Ø3.75	Ø4.0
	103.453	103.462	103.463	103.464
Ø3.75 mm	Optional	✓	✓	
Ø4.0 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
Ø3.75	NeoPoros	109.1043	109.1044	109.1045
Ø4.0	NeoPoros	109.1046	109.1047	109.1048

GM Healing Abutment

Profile	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm
Ø3.3	106.207	106.208	106.209	106.210	106.211	106.212
Ø4.5	106.213	106.214	106.215	106.216	106.217	106.218
Ø5.5		106.250	106.251	106.252	106.253	
Ø6.5		106.254	106.255	106.256	106.257	

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

GM Customizable Healing Abutments

Profile	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm	6.5 mm
Ø5.5	106.223	106.224	106.225	106.226	106.227	
Ø7.0		106.228	106.229	106.230	106.231	106.232

GM Cover Screw

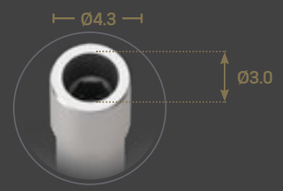
0 mm	2 mm
117.021	117.022

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

< PREVIOUS NEXT >

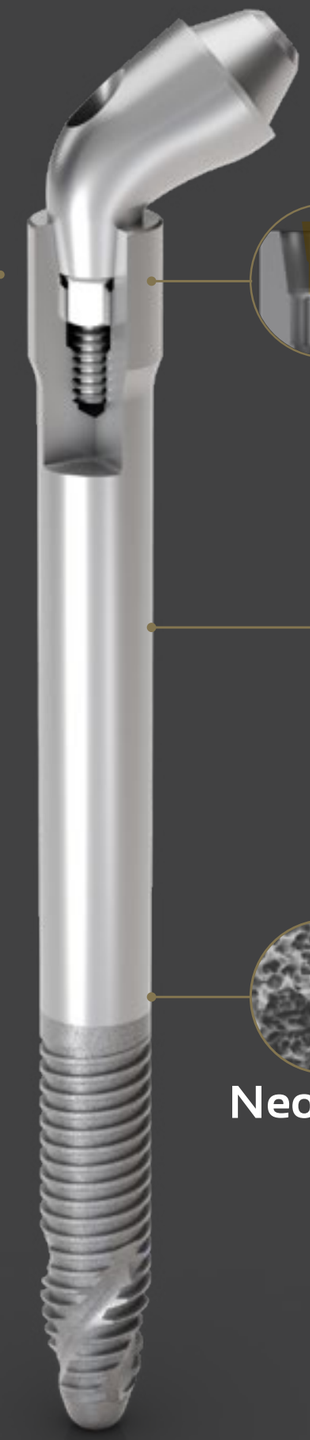
Zygoma-S

Greatness in severely atrophic maxillae cases



GRAND MORSE™ CONNECTION

Designed for meeting edentulous patients' expectations of shorter treatment times and immediate aesthetic and functional improvements. Atrophic maxillas 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, aimed at improving patient satisfaction[10].

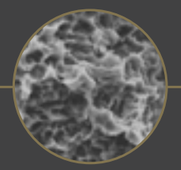


GRAND MORSE™ CONNECTION: A STABLE AND STRONG FOUNDATION DESIGNED FOR LONG TERM SUCCESS.

- One prosthetic connection for all Grand Morse™ Implants
- 16º Morse Taper connection: designed to ensure a tight fit for an optimal connection seal
- Platform switching morse taper connection: fulfills 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 STABILITY IN SEVERELY ATROPHIC MAXILLAE,[5] RESULTING IN ANATOMICAL EFFICIENCY

- Implant designed for an extrasinus path
- Associated with regular implants or Quad Zygoma placement
- 3.5mm and 3.75mm of diameter
- Smooth Machined Surface in the implant body aimed at maintaining 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



NeoPoros

HELIX® GRAND MORSE™: UNBEATABLE VERSATILITY.

- Progressive depth threads at the apical area allow under-prepping of the osteotomy
- Apex with Neoporos surface, with the potential of 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 and Helix GM® Long 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 Ncm). 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

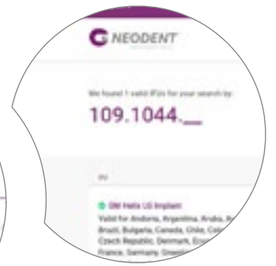
Neodent® innovates once more, providing an on-line platform designed to provide quick and practical use of its own products instructions: the e-IFU (Instructions For Use) website.

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

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.

< PREVIOUS NEXT >

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 and packaging;
• Neoporos surface;

Zygomatic implants are indicated for intraoral surgical procedures in the zygoma region in cases of severe maxilla bone resorption, to restore the patient's chewing function and aesthetics.
Note: Immediate loading requires at least 35 Ncm and no more than 60 N·cm of insertion torque.

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 Ncm

Available with:

NeoPoros®

Drill Sequence

	Initial Drill 103.453	Initial lateral cutting drill 103.613	Ø2.35 103.455 71 mm 103.614 100 mm 103.454 guided	Lateral cutting drill Ø4.0 103.619	Ø3.5 103.615 71 mm 103.616 100 mm	Ø3.75 103.617 71 mm 103.618 100 mm	Profile Drill Ø4.0 103.620
Ø3.5 mm	Optional	Optional	✓	Optional	✓		Optional
Ø3.75 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
Ø3.5 NeoPoros	109.1086	109.1087	109.1088	109.1089	109.1090	109.1091	109.1092	109.1093	109.1094	109.1095
Ø3.75 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 Ncm.

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 Ncm.

Available with:

NeoPoros®

Drill Sequence

	Ø2.35	Lateral Direction Ø4.0	Pilot Ø2.3/3.2	Ø3.75	Ø4.0
	103.455	103.458	103.465	103.456	103.457
Ø4.0 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
Ø4.0										
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 Ncm.

GM Mini Conical Abutment

Multiple-unit screw-retained prosthesis

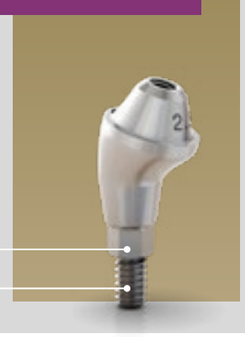
Ø4.8 mm

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

1 GM Mini Conical Abutment

32 Ncm

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 GM Exact Mini Conical * Abutment 17°/30°/45° 45°/45° slim/52° 60°

20 Ncm

	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 Zygoma GM and GM Zygoma-S.

*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.

Intraoral

Mini Conical Abutment Scanbody

3 108.218

Mini Conical Abutment Hybrid Repositionable Analog

101.092

Neo Mini Conical Abutment One Step Hybrid Coping

118.382

Neo Mini Conical Abutment One Step Hybrid Coping

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

118.382 118.410 Long

Neo Mini Conical Abutment One Step Hybrid Coping

Conventional

Slim Mini Conical Abutment Open Tray Impression Coping

3 108.176

Neo Mini Conical Abutment Titanium Coping

10 Ncm 118.302

or

Neo Mini Conical Abutment Protection Cylinder

3 106.268 Regular

Mini Conical Abutment Analog

106.278 Wide

101.092 Hybrid Repositionable (conventional/digital)

101.020 Conventional

Neo Mini Conical Abutment CoCr Coping

10 Ncm 118.303

or

Neo Mini Conical Abutment Burn-out Coping

10 Ncm 118.301

Drivers

1 Hexagonal Prosthetic Driver + Torque Wrench

2 Neo Screwdriver Torque Connection + Torque Wrench

3 Neo Screwdriver Torque Connection + Manual Screwdriver Torque

*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

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

118.411

Mini Conical Abutment Polishing Protector

123.008

Neotorque*

116.270

Replacement Coping Screw

116.269 Titanium

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

116.301

Measurements GM Mini Conical Abutment

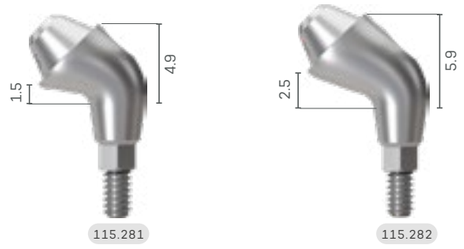
17°

115.275 115.276 115.277

30°

115.278 115.279 115.280

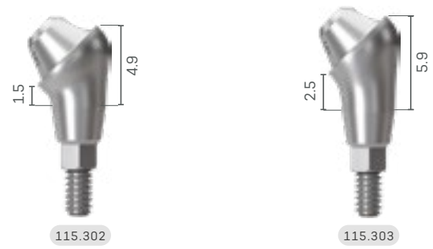
45°*



115.281 115.282

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

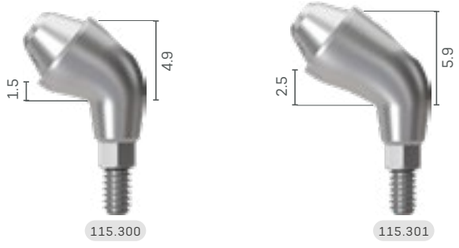
45° slim*



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.

< PREVIOUS NEXT >

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
- 105.140 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

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

Zygoma GM Surgical Kit

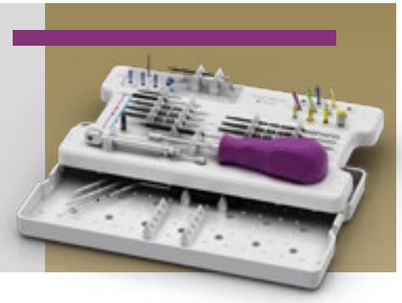
Autoclavable polymer case.

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

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 Ig 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 Profile drill for Zygoma-S
- 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.

NeoArch®
Instruments

Helix GM Long Drills

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

Initial	Ø2.35	Ø3.75	Ø4.0
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.

Ø2.35	Ø3.75	Ø4.0
103.459	103.460	103.461

Zygoma GM Drills

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

	Pilot		
Ø2.35	Ø2.3/3.2	Ø3.75	Ø4.0
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.

Ø4.0
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.

Ø2.35
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 (3 mm) biological space;
:: Maximum torque 35 Ncm.

Regular	Long
105.168	105.176

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.

Contra-angle	Torque Wrench Regular	Torque Wrench Short	Torque Wrench Regular with Screw
105.138	105.137	105.044	105.009

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

*Includes capture ring feature.

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.

Ø2.0/2.35	Ø3.75/4.0
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.

Ø2.35
125.139

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 Ø1.3	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
105.140

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 GM Zygoma-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.

	Ø2.35	Ø4.0
Zygoma GM	129.022	129.023

	Ø2.35	Ø3.5	Ø3.75
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

Osteotomes

Concave 2.0
110.323

Convex 2.9
110.324

Osteotomes Kit Case

:: Available in polymer;
:: Autoclavable;
:: Osteotomes sold separately.

110.336

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
130.117

Long
130.116

*130.117 and 130.116 sold as a set of two

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.

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 an enhanced technique to convert removable to fixed dentures: allowing 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.

< PREVIOUS NEXT >

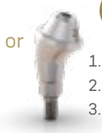
Installation Sequence

Abutment selection

1 — 32 Ncm — 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 Ncm — 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				

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

Distal Bar Coping
NEW ITEM
125.207

Pin Capture NeoConvert (5 un.) 3
116.300

Prosthesis installation

Neo Mini Conical Abutment Coping Screw 4.1 (5 un.)
116.301

Mini Conical Abutment Polishing Protector
123.008

NeoConvert Recharger Set includes:
- Final Screws (5 un.)
- Peek Screws (5 un.)
- 5.0mm, Copings (5 un.)

138.194

NeoConvert Recharger Set includes:
- Final Screws (5 un.)
- Peek Screws (5 un.)
- 6.5mm, Copings (5 un.)

138.195

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
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 Toolbox
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

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.

DIFFERENTIATE YOUR PRACTICE WITH GUIDED SURGERY.

Improve patient quality of life

- Functional with an immediate fixed restoration
- Esthetically driven surgery capable of delivering a personalized restoration [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
- Designed for predictable immediate protocols

Increase patient acceptance

- Enables better communication about the procedure and costs with the patient in advance

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

< PREVIOUS NEXT >

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*
105.139	Narrow Guided Surgery GM Connection - Contra-angle
105.140	Regular Guided Surgery GM Connection - Contra-angle
105.141	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
105.136	Neo Screwdriver Torque Connection - Contra-angle (Medium)
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.

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.

	Ø2.0	Ø3.5	Ø3.75	Ø4.0	Ø4.3	Ø5.0	Ø6.0
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 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.

	Ø3.5+	Ø3.75+	Ø4.0+	Ø4.3+	Ø5.0+
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 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	
Ø3.5	103.444	Ø3.5	103.445	Ø5.0	103.449
		Ø3.75	103.446		
		Ø4.0	103.447		
		Ø4.3	103.448		

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 Ø1.3	Guide Clamp
103.395	125.100

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 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	
Ø2.0/3.5	125.119	Ø2.0/3.5	125.121	Ø2.0/3.5	125.126
Ø3.5+	125.120	Ø3.75/4.0	125.122	Ø4.0/4.3	125.127
		Ø4.3	125.123	Ø5.0/6.0	125.128
		Ø3.5+/3.75+	125.124	Ø5.0+	125.129
		Ø4.0+/4.3+	125.125		

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
105.139	105.140	105.141

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

NEODENT GUIDED SURGERY

Ceramic
Implant System

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

A new **mindset**

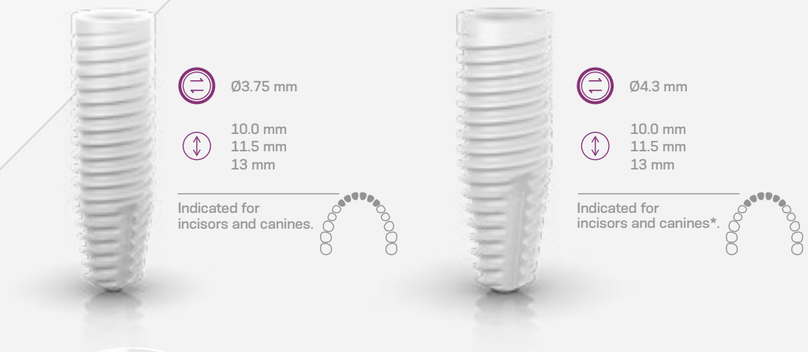
- A new flexibility mindset
- A new stability mindset
- A new esthetic mindset

A new **flexibility mindset**

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



*Warning small diameter implants and angled abutments are not recommended for the posterior region.

RELIABLE AND STRONG CERAMIC SYSTEM

The unique patent pending ZiLock™ connection is designed with a longer screw which provides a secure engagement between the ceramic implant and the ceramic abutment.

FRIENDLY ZILOCK™ CONNECTION

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

< PREVIOUS NEXT >

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 supports 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.

TAPERED DESIGN FOR PRIMARY STABILITY

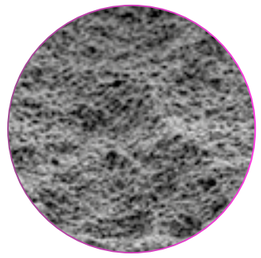
Ceramic Implant System exhibits a modern tapered geometry designed for predictable immediate load in bone types I to IV. This feature was designed to mimic the tapered shape of a natural tooth root, driving to achieve high primary stability.

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, the tools to support a natural-looking esthetic result.

OUTSTANDING ESTHETIC PERFORMANCE

Aiming to deliver performance with a high-end esthetic result, Neodent Ceramic Implant System features an outstanding ceramic material, which supports the reconstruction due to it's color that mimics natural teeth and benefits from a high translucency compared to metals.

A PORTFOLIO TO ACHIEVE NATURAL-LOOKING ESTHETIC RESULTS

Ceramic prosthetic portfolio allows conventional or immediate protocol. In addition, preferable workflow can be applied from conventional to digital, providing the tools to support a natural-looking esthetic result.

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.

Neodent Zi Implant Packaging

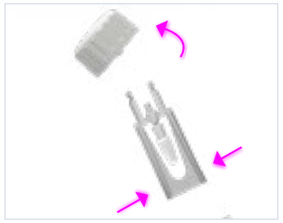
Neodent® packaging has been specially updated for easy handling and seeking to achieve a surgical procedure, providing practicality from implant stocking to the capture and transport and implant bed. The implant's features, such as type, diameter and length, are readily identifiable on the outside of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

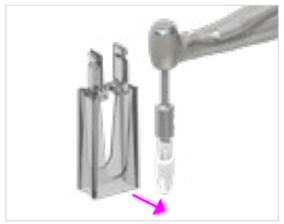
1. The cardboard and blister packagings must be opened, manually, without the use of sterile gloves. Break the seal of the cardboard packaging and remove the blister. Open the blister pack. Deposit the sterile flask over the surgical field.
NOTE: The clear tube and implant must be handled with a sterile 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.

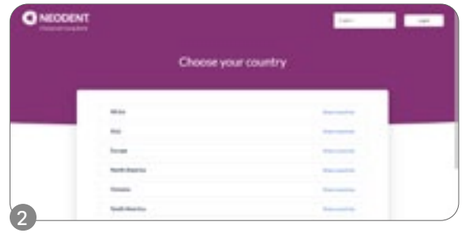
e-IFU – Electronic Instructions For Use

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.

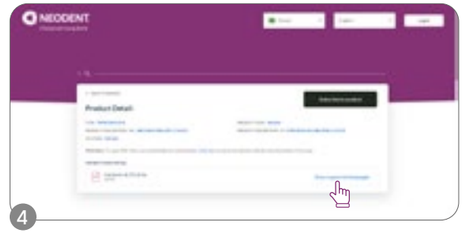
Access: ifu.neodent.com.br

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

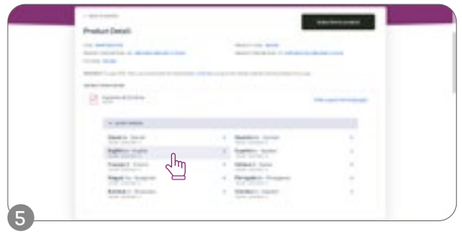


Select the country.

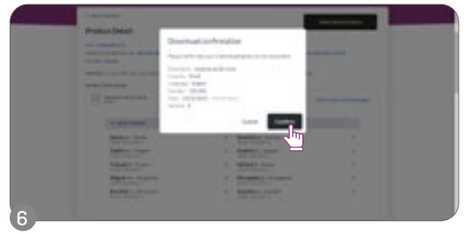
Enter the article number in the search field.



The search results will be displayed; click on "show supported languages."



Select the language.



Confirm and access the IFU.

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 and II: contra angle: 30rpm/35 Ncm and torque wrench: maximum torque of 60Ncm
- Maximum insertion torque: 60 Ncm
- Maximum torque value for immediate loading: 35Ncm

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	Ø2.0	Ø3.75	Ø3.75/4.3	Ø4.3	Bone Tap Ø3.75	Bone Tap Ø4.3
	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		
Ø3.75 mm	✓*	✓	✓	✓		✓	
Ø4.3 mm	✓*	✓	✓	✓	✓		✓
Ø3.75 mm	✓*	✓	✓	✓			
Ø4.3 mm	✓*	✓	✓	✓	✓		
Ø3.75 mm	✓*	✓	✓				
Ø4.3 mm	✓*	✓	✓	✓			

Bone types I and II

Bone type III

Bone type IV

*Optional

Drill Sequence for guided surgery

	Mucosa Punch Ø3.75	Mucosa Punch Ø4.3	Leveling drill Ø3.75	Leveling Drill Ø4.3	Initial drill guided	Ø2.0	Ø3.75	Ø3.75/4.3	Ø4.3	Bone Tap Ø3.75	Bone Tap Ø4.3
	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		
Ø3.75 mm	✓*		✓*		✓	✓	✓	✓		✓	
Ø4.3 mm		✓*		✓*	✓	✓	✓	✓	✓		✓
Ø3.75 mm	✓*		✓*		✓	✓	✓	✓			
Ø4.3 mm		✓*		✓*	✓	✓	✓	✓	✓		
Ø3.75 mm	✓*		✓*		✓	✓	✓				
Ø4.3 mm		✓*		✓*	✓	✓	✓	✓			

Bone types I and II

Bone type III

Bone type IV

*Optional

- 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	10.0 mm	11.5 mm	13.0 mm
Ø3.75	180.002	180.003	180.004			
Ø4.3				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 Ncm.

Zi Healing Abutments

Profile	1.5 mm	2.5 mm	3.5 mm	4.5 mm
Ø3.75	106.233	106.234	106.274	106.275
Ø4.5	106.235	106.236	106.276	106.277

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

Peek CR Abutment

Single-unit cement-retained temporary prosthesis

Ø4.0/4.5 mm

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

Peek CR Abutment

	1.5 mm	2.5 mm	3.5 mm	4.5 mm
Ø4.0	114.888	114.889	114.926	114.927
Ø4.5	114.886	114.887	114.924	114.925

Impression Coping CR Abutment

Ø4.0 108.201

Ø4.5 108.202

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

Provisional Coping CR Abutment

Ø4.0 108.201

Ø4.5 108.202

Zi CR Abutment Analog

Ø4.0 101.106

Ø4.5 101.105

Drivers

1 Neo Screwdriver Torque Connection + Torque Wrench

Zi Base

Single-unit screw-retained prosthesis

Single-unit cement-retained prosthesis

Ø3.75/4.5 mm

Neo screwdriver connection;

Chimney height: 4.0 mm;

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

ZiLock™ connection;

Removable screw.

Installation Sequence

Intraoral scanning

Zi Implant Scanbody

108.222

Hybrid Repositionable Analog Zi Implant (conventional/digital)

101.080

	1.5 mm	2.5 mm	3.5 mm	4.5 mm	Zi Base
Ø3.75	135.254	135.255	135.440	135.441	
Ø4.5	135.256	135.257	135.442	135.443	

Model Scanning

Zi Implant Exact Impression Coping Open and Closed Tray

	Closed	Open
Regular	108.186	108.188
Long	108.187	108.189

Hybrid Repositionable Analog Zi Implant (conventional/digital)

101.080

Zi Implant Scanbody

108.222

Conventional

Zi Implant Exact Impression Coping Open and Closed Tray

	Closed	Open
Regular	108.186	108.188
Long	108.187	108.189

Hybrid Repositionable Analog Zi Implant (conventional/digital)

101.080

Zi Base

	1.5 mm	2.5 mm	3.5 mm	4.5 mm
Ø3.75	135.254	135.255	135.440	135.441
Ø4.5	135.256	135.257	135.442	135.443

Burn-out coping Zi Base

Ø3.75 118.343

Ø4.5 118.325

Drivers

1 Neo Screwdriver Torque Connection + Torque Wrench

2 Neo Screwdriver Torque Connection + Manual Screwdriver Torque

Accessories

Abutment replacement screw

116.289

< PREVIOUS NEXT >

Zi CR Abutment

Single-unit cement-retained prosthesis

Ø4.0/4.5 mm

Installation Sequence

Zi CR Abutment Straight

	1.5 mm	2.5 mm	3.5 mm	4.5 mm
Ø4.0	114.854	114.855	114.916	114.917
Ø4.5	114.856	114.857	114.918	114.919

Zi CR Abutment Angulated 17º

	1.5 mm	2.5 mm	3.5 mm
Ø4.0	114.858	114.859	114.920
Ø4.5	114.860	114.861	114.922

Intraoral

Zi CR Abutment Scanbody

Ø4.0 108.199

Ø4.5 108.200

Zi CR Abutment Analog

Ø4.0 101.106

Ø4.5 101.105

Milled Crown

Conventional

Impression Coping CR Abutment

Ø4.0 108.201

Ø4.5 108.202

Provisional Coping CR Abutment

Ø4.0 108.201

Ø4.5 108.202

Zi CR Abutment Analog

Ø4.0 101.106

Ø4.5 101.105

Zi CR Abutment Burn Out Coping

Ø4.0 118.367

Ø4.5 118.368

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

Drivers

1 Neo Screwdriver Torque Connection +  Torque Wrench

Accessories

Abutment replacement screw

116.289

< PREVIOUS NEXT >

Zi Guided Surgery:
Supporting Precision and predictability

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

Clinical literature reports the degree of precision obtained when placing dental implants in partially edentulous patients with guided surgery techniques is greater than with freehand surgery.*

PREDICTABILITY
Advanced planning and guided protocol to support achievement of the desired clinical outcome.

PRECISION
Advanced planning and guided protocol to support achievement of the desired clinical outcome.

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

*Araujo-Corchado, E., & Pardal-Peláez, B. (2022). Computer-guided surgery for dental implant placement: a systematic review. Prosthesis, 4(4), 540-553.

Zi MultiKit

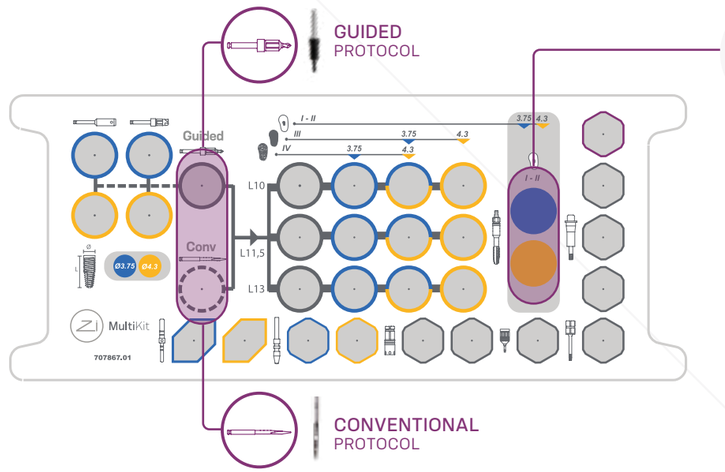
Efficient and adaptable with no need for multiple kits

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

< PREVIOUS NEXT >

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.

Zi Ceramic 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 Ø1.3	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	Medium	Long
16.5 mm	22 mm	32 mm
105.133	105.132	105.157

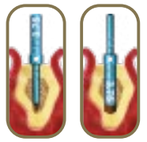
Neo Manual Screwdriver

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

Short	Medium	Long
21 mm	25 mm	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.

Ø3.75	Ø4.3
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.

Ø3.75	Ø4.3
103.680	103.681

Palatal Setter

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

Drill	Palatal Setter
103.665	125.210

Zi Guide Estabilizer for Guided Surgery

:: Application torque: 10 Ncm;
:: Titanium alloy.

125.209

Zi Transfer Piece Remover

:: Compatibility with the cervical portion of Zi implants.

125.211

Zi Driver for Torque Wrench

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

Regular	Long
105.174	105.018

Driver for Contra-angle

:: Blue and Yellow for identification coloring for the Implant Drivers;
:: Maximum recommended torque: 35 Ncm;

105.174

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 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

Reamer for Surgical Guide

:: Tip for guide: cutting diameter Ø4.55 mm;
:: Tip for sleeve: cutting diameter Ø5.35 mm.

Holder
125.212

125.213 Zi Tip for guide, reamer for surgical guide

125.214 Zi Tip for sleeve, reamer for surgical guide

Depth Probe

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

129.034

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	Ø2.0	Ø3.5	Ø3.75	Countersink Ø3.75	Bone Tap Ø3.75	Ø4.3	Countersink Ø4.3	Bone Tap Ø4.3
	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
Ø3.75 mm	✓*	✓	✓	✓	✓	✓			
Ø4.3 mm	✓*	✓	✓				✓	✓	✓

*Optional / Bone types I and II

Ø3.75 mm	✓*	✓	✓	✓	✓				
Ø4.3 mm	✓*	✓	✓				✓	✓	

*Optional / Bone type III

Ø3.75 mm	✓*	✓	✓	✓					
Ø4.3 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

< PREVIOUS NEXT >

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

Neodent®
Techniques

< PREVIOUS NEXT >

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

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

118.411 Long

Neo Micro Conical Abutments Copings One Step Hybrid Technique

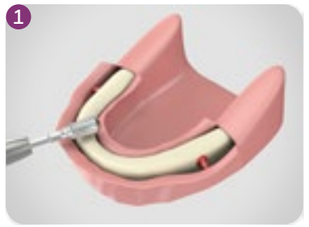
:: For installation, use the Neo Torque Connection (105.132);
:: For torque control, use Torque Wrench (104.050).

Burn-out	Brass	Titanium
118.341	118.333	118.381

Neo Working Screw One Step Hybrid

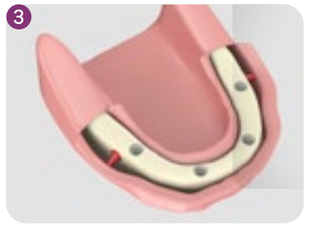
:: For laboratory use.

116.271

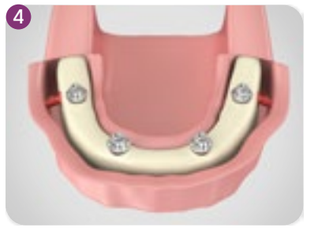


Regularize the alveolar ridge.

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.

Neo Mini Abutments Copings
One Step Hybrid Technique

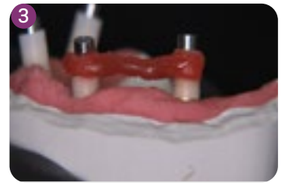
Burn-out 118.340

Brass 118.331

Titanium 118.382 Regular, 118.410 Long

Working model with artificial gum.

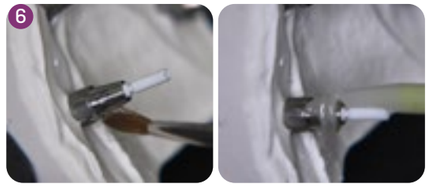
Brass Copings are placed over analogs, then Burn-out Copings are fixed by working screws.



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

118.382 Regular

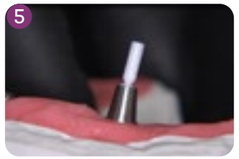
118.410 Long

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 Ncm;
:: 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

Demonstration Sequence

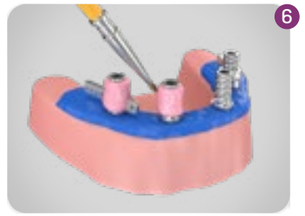
1 Neodent® Abutments placed.

2 Prosthesis wearing, keeping posterior region integrity.

3 Place the copings into the central Implants and Distal Bar to distal Implants.

4 Proof of inferior prostheses wearing (centered occlusion position, no interference on copings).

5 Placement of rubber dam over copings to protect soft tissues.



6 Apply selfpolymerizing acrylic resin on and between the copings.

7 Apply to worn area in lower prosthesis, repositioning inside mouth. Keep patient in occlusion until total polymerization.

8 Remove the inferior prosthesis after resin is polymerized. Copings already captured.

9 Adjustments, finishing and polishing procedures of inferior prosthesis with polishing protectors.

10 Placed provisional implant supported prosthesis.

11 Final inside-mouth posterior view.

< PREVIOUS NEXT >

NeoConvert™ Technique

The NeoConvert technique is a viable option for patients with removable full dentures in good condition. This technique involves installing implants and abutments to allow the existing denture to be converted into a fixed temporary denture.

	Mini Conical Abutment Coping NeoConvert	5.0 mm 118.408	6.5 mm 118.409
	Mini Conical Abutment Distal Bar NeoConvert		125.207
	Pin Capture NeoConvert		116.300
	Neo Mini Conical Abutment Coping Screw 4.1		116.301
	Mini Conical Abutment Polishing Protector		123.008
	Digital Driver Pin Capture NeoConvert		104.074

Demonstration Sequence

Mini conical abutment coping NeoConvert installation.

Mark the prosthesis with silicone impression material.

Prosthesis wear.

Resin application.

Cylinder capture.

First Drill Handpiece NeoConvert™ 1.5 mm.

Second Drill Handpiece NeoConvert™ 1.5 mm.

Third Drill Handpiece NeoConvert™ 2.0 mm.

Polyshing.

Installation.

< PREVIOUS NEXT >

Digital Solutions

Neodent® Digital Libraries

Visit https://www.straumann.com/ca/en/dental-professionals/digital-performance/connectivity.html 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.

EXCEL With Custom Prosthetics

Straumann UN!Q™ empowers you with premium services to outsource the planning, design and manufacturing of your custom implant prosthetics on demand, based on your specific needs. To learn more visit https://www.straumann.com/ca/en/dental-professionals/digital-performance/production-planning-services/straumann-uniq.html.

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
108.218	GM Mini Conical Abutment Scanbody (intraoral and model)
108.219	GM Micro Abutment (intraoral and model)
108.220	GM Abutment (intraoral and model)
108.221	NGM Implant Scanbody
108.222	Zi Implant Scanbody
108.226	HS Implant Scanbody
108.228	Scan Base C GM, titanium 0.8 mm (intraoral)
108.229	Scan Base C GM, titanium 1.5 mm (intraoral)
108.230	Scan Base C GM, titanium 2.5 mm (intraoral)
108.231	Scan Base C GM, titanium 3.5 mm (intraoral)
108.232	Scan Base C GM, titanium 4.5 mm (intraoral)
108.233	Scan Base C GM, titanium 5.5 mm (intraoral)

Compatible with Neo Screwdriver

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

General Instruments

Torque Wrench

:: Available in surgical steel;
:: 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 180°. 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

Anthogyr® Torq Control®

:: Torq Control universal torque wrench including lubrification tip.

15501

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.

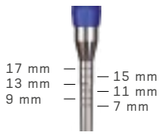
129.008

Bivers Handle

:: Available in surgical steel;
:: Non-traumatic extraction for implant placement;
:: Similar to a periotome.

129.002

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	2.5 mm	3.0 mm	3.5 mm	4.0 mm	4.5 mm
110.154	110.155	110.156	110.157	110.158	110.159

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	3.0 mm	3.5 mm
110.160	110.161	110.162	110.163

Osteotomes Kit Case

:: Available in polymer;
:: Autoclavable;
:: Osteotomes sold separately.

110.262

Osteotomes

Concave 2.0 — 110.323

Convex 2.9 — 110.324

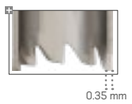
Surgical Hammer

:: 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.



Ø3.3	Ø3.5	Ø3.75	Ø4.1
103.051	103.490	103.491	103.026

Ø4.3	Ø5.0	Ø8.0
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

< PREVIOUS NEXT >

Neodent®
Helix GM Narrow

SMALL DIAMETER, GREAT ACHIEVEMENTS.

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

The Ø2.9 mm Helix GM Narrow provides an immediate, small diameter solution designed to provide simplicity for treatment protocol – regardless of whether guided or non-guided techniques are used – and confidence for strong and stable implant placement.

DESIGNED FOR STRONG AND STABLE IMPLANT PLACEMENT

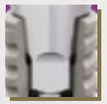
Implant therapy for demanding indications, such as reduced interdental spaces, can raise concerns regarding resistance and biomechanical behavior. Therefore, features of an implant-abutment interface are essential to provide successful long-term functional, stable, and esthetic results.

The Ø2.9 mm Helix features the strong and stable GM Narrow connection, designed with a combination based on proven concepts seeking to achieve long lasting results. A system produced with 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, and 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.

Ø2.9

< PREVIOUS NEXT >

COMMERCIALLY PURE TITANIUM GRADE 4

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

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 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.

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

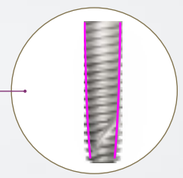
Patients lacking bone availability in the esthetic zone or experiencing limited space between adjacent teeth, can make tooth replacement procedures challenging for implant clinicians. When coupled with a lack of adequate prosthetic options to correctly replace missing teeth, patient satisfaction declines,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

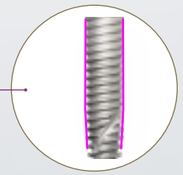
*Implant may be loaded immediately when good primary stability is achieved with appropriate occlusal loading.

THE UNBEATABLE VERSATILITY OF HELIX

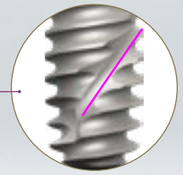
Dynamic progressive thread design
• Coronal: Double start threads with rounded root > compressing;
• Apex: V-Shape > Self-cutting
High primary stability.



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.

< PREVIOUS NEXT >

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

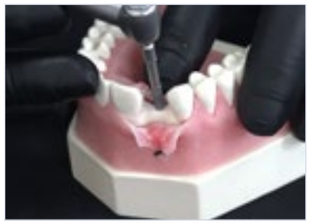
1. The cardboard and blister packagings must be opened, manually, without the use of sterile gloves. Break the seal of the cardboard packaging and remove the blister. Open the blister pack. Deposit the sterile flask over the surgical field.

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 Ncm and speed of 30 rpm, clockwise.

e-IFU – Electronic Instructions For Use

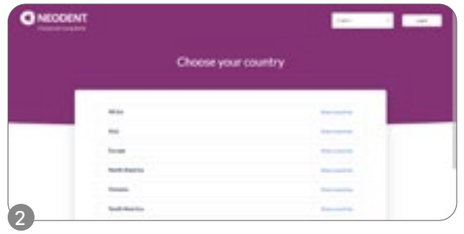
Neodent® innovates once more, providing an on-line platform designed to provide quick and practical use of its own products instructions: the e-IFU (Instructions For Use) website.

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

1

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

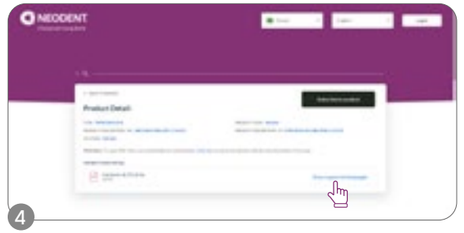


2

Select the country.

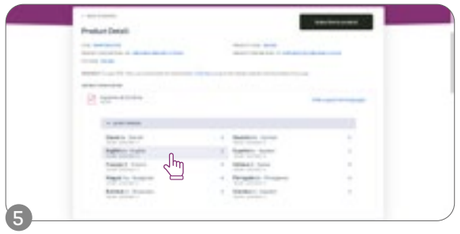
3

Enter the article number in the search field.



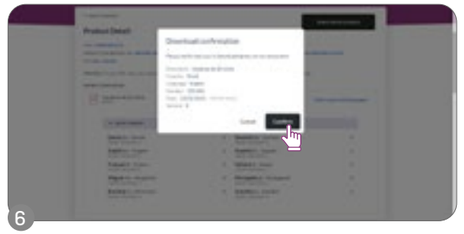
4

The search results will be displayed; click on "show supported languages."



5

Select the language.



6

Confirm and access the IFU.

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 Ncm.

Available with:

Drill Sequence for conventional surgery

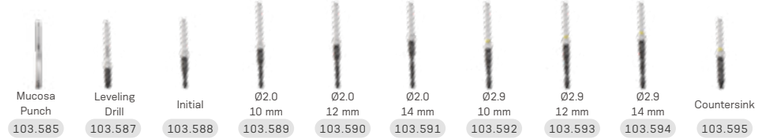
	Initial 103.586	Ø2.0 10 mm 103.589	Ø2.0 12 mm 103.590	Ø2.0 14 mm 103.591	Ø2.9 10 mm 103.592	Ø2.9 12 mm 103.593	Ø2.9 14 mm 103.594	Countersink 103.595
10 mm	✓	✓			✓			✓
12 mm	✓		✓			✓		✓
14 mm	✓			✓			✓	✓

*Optional / Bone types I and II

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

*Optional / Bone types III and IV

Drill Sequence for guided surgery



	Mucosa Punch 103.585	Leveling Drill 103.587	Initial 103.588	Ø2.0 10 mm 103.589	Ø2.0 12 mm 103.590	Ø2.0 14 mm 103.591	Ø2.9 10 mm 103.592	Ø2.9 12 mm 103.593	Ø2.9 14 mm 103.594	Countersink 103.595
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

NGM Micro Abutment

Single-unit screw-retained prosthesis

Multiple-unit screw-retained prosthesis

Ø3.5 mm

Recommended for anterior region.

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

Installation Sequence

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

NGM Universal Abutment

Single-unit cement-retained prosthesis

Ø3.3 mm

Cementable area: 4.0 or 6.0 mm;
Click retention for provisional copings;
Exact;
Neo Removable screw;

Installation Sequence

NGM Exact Click Universal Abutment — 20 N.cm (1)

	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

NGM Exact Click Universal Abutment 17º — 20 N.cm (1)

	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

Conventional

Click Universal Abutment Impression Coping

4 mm	6 mm	
108.172	108.173	Ø3.3

Click Universal Abutment Provisional Coping

4 mm	6 mm	
118.304	118.305	Ø3.3

Universal Abutment Hybrid Repositionable Analog

4 mm	6 mm	
101.097	101.098	Ø3.3

Universal Abutment Burn-out Coping

4 mm	6 mm	
118.181	118.182	Ø3.3

Drivers

1 Neo Screwdriver Torque Connection + Torque Wrench

Accessories

Replacement Sterile Screws 116.294 Titanium

< PREVIOUS NEXT >

NGM Titanium Base

Single-unit screw-retained prosthesis

Single-unit cement-retained prosthesis

Ø3.5 mm

Installation Sequence

Intraoral

NGM Implant Scanbody
10 N.cm (2)
108.221

↓

NGM Hybrid Analog
101.107

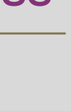
Model Scanning

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 Ø3.5

	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 Ø3.5

	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	Ø3.5

Drivers

1. Neo Screwdriver Torque Connection + Torque Wrench

2. Neo Screwdriver Torque Connection + Manual Screwdriver Torque

Accessories

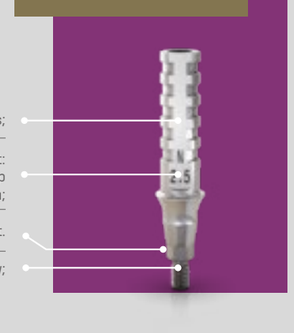
Replacement Sterile Screws
116.294 Titanium

NGM Temporary Abutment

Single-unit screw-retained temporary prosthesis

Ø3.5

Implant level.



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
Ø3.5	118.373	118.374	118.375	118.376	118.377

↓

Customization

↓

Temporary Prosthesis

Drivers

1. Neo Screwdriver Torque Connection + Torque Wrench

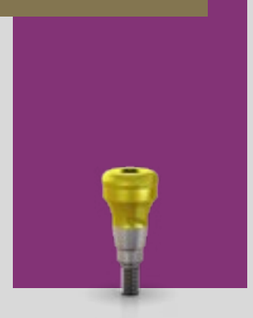
Accessories

Replacement Sterile Screws
116.294 Titanium

< PREVIOUS NEXT >

GM Attachment TIN

Overdenture



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

Conventional

Forming/Fixing Matrix
4 Pcs
2010.722-NOV

Attachment Analog
4 Pcs
2010.721-NOV

Attachment Analog 15°
4 Pcs
2010.720-NOV

Mounting Collar
10 Pcs
2010.724-NOV

Digital

Novaloc® Scanbody

2010.726-NOV 4 Pcs
2010.727-NOV 10 Pcs

Novaloc® Model Analog CADCAM

2010.728-NOV 4 Pcs
2010.729-NOV 10 Pcs

Abutment Level Workflow only.

- Go to https://www.straumann.com/ca/en/dental-professionals/products-and-solutions/implant-borne-prosthetics/products/novaloc.html

Matrix Housing
(including Processing Spacer)

With attachment
4 Pcs
2010.703-NOV

Titanium
4 Pcs
2010.701-NOV

PEEK
4 Pcs
2010.702-NOV

PEEK Processing Pack
2 Pcs
2010.611-NOV

Ti Processing Pack
2 Pcs
2010.601-NOV

Retention Insert

Red (~300g, ~0.6lbs)
4 Pcs
2010.710-NOV

Yellow (~1200g, ~2.6lbs)
4 Pcs
2010.712-NOV

Blue (~2100g, ~4.6lbs)
4 Pcs
2010.714-NOV

White (~750g, ~1.6lbs)
4 Pcs
2010.711-NOV

Green (~1650g, ~3.6lbs)
4 Pcs
2010.713-NOV

Black (~2550g, ~5.6lbs)
4 Pcs
2010.715-NOV

Drivers

1

Neo Screwdriver Torque Connection

+

Torque Wrench

Accessories

Equipment Box
2010.101-NOV

Processing Spacer
2010.723-NOV

Mounting Insert
2010.725-NOV

Matrix Housing Extractor
2010.751-NOV

Mounting and Demounting Tool for Retention Inserts
2010.741-NOV

Demounting Tool for Mounting Inserts for Analogs
2010.731-NOV

< PREVIOUS NEXT >

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.

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.

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;

Torque Wrench Regular	Torque Wrench Short	Torque Wrench Regular with Screw
105.137	105.044	105.009

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

Neodent®
Biomaterials

Everything you need for GBR

Neodent offers a wide assortment of biomaterials including bovine bone, allograft, and collagen barriers. Created to regenerate hard tissues in a predictable and reliable way, this range of flexible solutions is designed to provide patients with the functional and aesthetic results they seek, elevating their overall experience.

Neodent AlloGraft granules

AlloGraft Mineralized Cortical

	Granule size	Content
NAMND070206	250-710 µm	0.5 cc
NAMND070207	250-710 µm	1.0 cc
NAMND070208	250-710 µm	2.0 cc
NAMND070218	250-1000 µm	0.25 cc
NAMND070219	250-1000 µm	0.5 cc
NAMND070220	250-1000 µm	1.0 cc
NAMND070221	250-1000 µm	2.0 cc
NAMND070230	250-1000 µm	2.5 cc

AlloGraft Mineralized Cancellous

	Granule size	Content
NAMND070229	250-1000 µm	0.25 cc
NAMND070212	250-1000 µm	0.5 cc
NAMND070213	250-1000 µm	1.0 cc
NAMND070214	250-1000 µm	2.0 cc
NAMND070231	250-1000 µm	2.5 cc

AlloGraft Mineralized Cortical Cancellous Mix

	Granule size	Content
NAMND070226	250-1000 µm	0.5 cc
NAMND070227	250-1000 µm	1.0 cc
NAMND070228	250-1000 µm	2.0 cc
NAMND070232	250-1000 µm	2.5 cc

Neodent Membrane Flex™

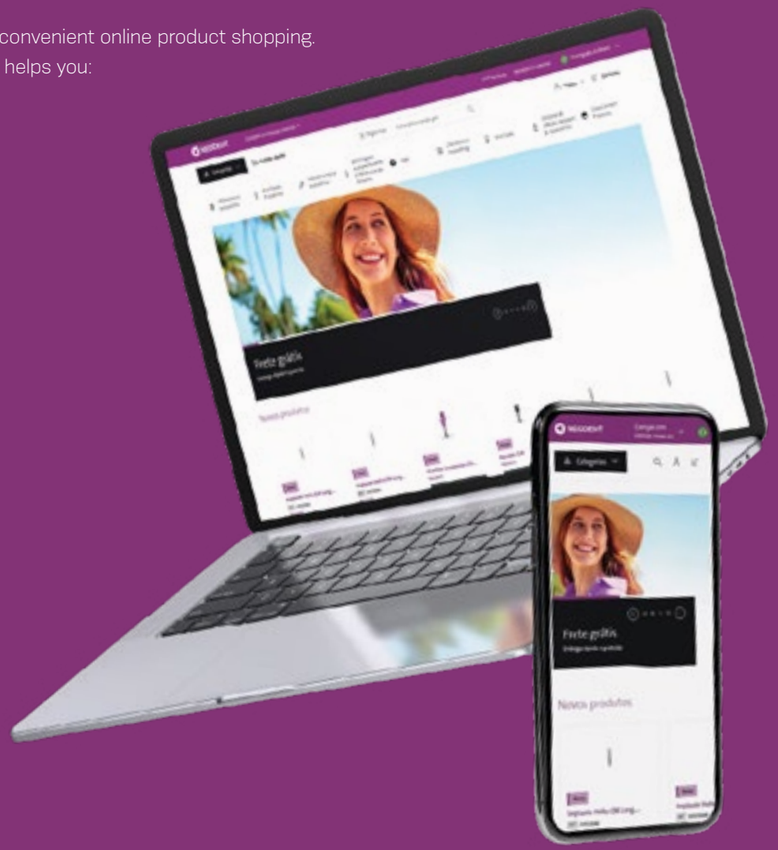
	Description
NAMND070.008	15 × 20 mm Neodent® Membrane Flex™
NAMND070.009	20 × 30 mm Neodent® Membrane Flex™
NAMND070.010	30 × 40 mm Neodent® Membrane Flex™

eShop

At Neodent® we understand that time is money, and being efficient in every activity is important to your business.
We are committed to helping you achieve this goal by providing a secure online portal with our eShop.

The **Neodent eShop** goes beyond convenient online product shopping.
It is a complete online service that helps you:

- Manage your account
- Track order history
- View order status
- Return product
- Pay invoices online
- Review payment history



Discover how you can save time and money today by visiting
neodent.ca/eShop

References

(1) Novellino MM, Sesma N, Zanardi PR, Laganá DC. Resonance frequency analysis of dental implants placed at the posterior maxilla varying the surface treatment only: A randomized clinical trial. Clin Implant Dent Relat Res. 2017 Jun 20. doi: 10.1111/cid.12510. [Epub aheadof print]
(2) Sartoretto SC, Alves AT, Resende RF, et al. Early osseointegration driven by the surface chemistry and wettability of dental implants. J Appl Oral Sci. 2015 May-Jun;23(3):279-87.
(3) Sartoretto SC, Alves AT, Zarranz L, et al. Hydrophilic surface of Ti6Al4V-ELI alloy improves the early bone apposition of sheep tibia. Clin Oral Implants Res. 2016 Jun 17. doi: 10.1111/clr.12894. [Epub ahead of print]
(4) Val JE, Gómez-Moreno G, Ruiz-Linares M, et al. Effects of Surface Treatment Modification and Implant Design in Implants Placed Crestal and Subcrestally Applying Delayed Loading Protocol. J Craniofac Surg. 2017 Mar;28(2):552-558.
(5) Al-Nsour MM, Chan HL, Wang HL. Effect of the platform- switching technique on preservation of peri-implant marginal bone: a systematic review. Int J Oral Maxillofac Implants. 2012 Jan-Feb;27(1):138-45.
(6) Annibali S, Bignozzi I, Cristalli MP, et al. Peri-implant marginal bone level: a systematic review and meta-analysis of studies comparing platform switching versus conventionally restored implants. J Clin Periodontol. 2012 Nov;39(11):1097-113.
(7) Hsu YT, Lin GH, Wang HL. Effects of Platform-Switching on Peri-implant Soft and Hard Tissue Outcomes: A Systematic Review and Meta-analysis. Int J Oral Maxillofac Implants. 2017;32(1):e9-e24.
(8) Lazzara RJ, Porter SS. Platform switching: a new concept in implant dentistry for controlling postrestorative crestal bone levels. Int J Periodontics Restorative Dentistry. 2006 Feb;26(1):9-17.
(9) Rocha S, Wagner W, Wiltfang J, Nicolau P, Moergel M, Messias A, Behrens E, Guerra F. Effect of platform switching on crestal bone levels around implants in the posterior mandible: 3 years results from a multicentre randomized clinical trial. J Clin Periodontol. 2016 Apr;43(4):374-82.
(10) Babbush CA. Post treatment quantification of patient experiences with full-arch implant treatment using a modification of the OHIP-14 questionnaire. J Oral Implantol. 2012 Jun;38(3):251-60.
(11) Block MS, Haggerty CJ, Fisher GR. Nongrafting implant options for restoration of the edentulous maxilla. J Oral Maxillofac Surg 2009;67:872–881.
(12) Steigenga J, Al-Shammari K, Misch C, Nociti FH Jr, Wang HL. Effects of implant thread geometry on percentage of osseointegration and resistance to reverse torque in the tibia of rabbits. J Periodontol. 2004;75(9):1233-41.
(13) Carvajal Mejía JB, Wakabayashi K, Nakano T, Yatani H. Marginal Bone Loss Around Dental Implants Inserted with Static Computer Assistance in Healed Sites: A Systematic Review and Metaanalysis. Int J Oral Maxillofac Implants. 2016 Jul-Aug;31(4):761-75.1.
(14) Pozzi A, Tallarico M, Marchetti M, Scarfò B, Esposito M. Computer-guided versus free-hand placement of immediately loaded dental implants: 1-year post-loading results of a multicentre randomized controlled trial. Eur J Oral Implantol. 2014 Autumn;7(3):229-42.
(15) Hultin M, Svensson KG, Trulsson M.Clinical advantages of computer-guided implant placement: a systematic review.Clin Oral Implants Res. 2012 Oct;23 Suppl 6:124-35.
(16) Soares MM, Harari ND, Cardoso ES, et al. An in vitro model to evaluate the accuracy of guided surgery systems. Int J Oral Maxillofac Implants. 2012 Jul-Aug;27(4):824-31.
(17) Pozzi A, Polizzi G, Moy PK. Guided surgery with tooth-supported templates for single missing teeth: a critical review. Eur J Oral Implantol. 2016;9(1)135-53.

Neodent®, NeoPoros, ACQUA, Helix®, Drive®, Titamax®, Grand Morse™, Helix GM, Drive GM, Titamax GM, NeoArch®, Zygoma GM, Zi™, ZiLock™ are trademarks or registred trademarks of JJGC Indústria e Comércio de Materiais Dentários S.A.

CEREC® is a trademark or registered trademark of Sirona Dental Systems GmbH (DE).
Dentsply Sirona is a trademark or registered trademark of Dentsply Sirona, Inc.
MEDENTiKA is a trademark or registered trademark of Medentika GmbH.
Panavia is a trademark or registered trademark of Kuraray Co. Ltd.
Amann Girrbach is a trademark or registered trademark of Amann Girrbach AG.
exocad is a trademark or registered trademark of exocad GmbH.
Dental Wings is a trademark or registered trademark of Dental Wings Inc.
3Shape is a trademark or registered trademark of 3Shape A/S.

© Neodent® 2025. All rights reserved.
Neodent® and/or other trademarks and logos from Neodent® that are mentioned herein are the trademarks or registered trademarks of Straumann Holding AG and/or its affiliates.
All rights reserved.

Note: For recognized legal manufacturer, refer to the product label.

ifu.neodent.com.br
www.neodent.us • www.neodent.ca

straumann®

Straumann North American Headquarters
Straumann USA, LLC
60 Minuteman Road
Andover, MA 01810
Phone 800/448 8168 (US) • 800/363 4024 (CA)

Fax 978/747 2490
www.straumann.us • www.straumann.ca

CALIT.2040 5/25 V1 PMR

NEODENT®
A Straumann Group Brand