

Product Catalog **2026**



Smile through life.



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.

NEODENT. ALL
NEOARCH IN

SCALE YOUR FULL ARCH GAME



NEODENT. ALL
GP IN

SCALE YOUR IMPLANT BUSINESS



SUMMARY

Grand Morse®



4

EasyGuide



48

NeoArch®



56

Zygoma-S



64

Guided Surgery



82

**Zi Ceramic
Implant System**



148

**Neodent®
Techniques**



90

**Digital
Solutions**



101

**General
Instruments**



106

Helix® GM Narrow



110

Helix Short



128

**Orthodontic
Anchorage**



168

**Bone
Grafting**



170

Biomaterials



174

Grand Morse®

GREATNESS IS AN ACHIEVEMENT



GRAND RELIABILITY

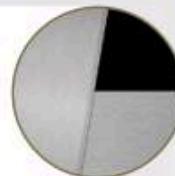
STABLE AND STRONG FOUNDATION
DESIGNED FOR LONG TERM SUCCESS

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.





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
- » Achieving high primary stability in all bone types



ACQUA hydrophilic surface

Designed for high treatment predictability

acqua



Titamax®

Vertical placement flexibility.
Bone types I & II.



Drive®

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



GRAND ESTHETICS

DELIVER IMMEDIATE NATURAL-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 for achieving immediate function and esthetics.



Titanium Temporary Abutment



Pro-Peek Abutment



Titanium Base



Titanium Base C



Titanium Base for Bridge



Titanium Block (AQ or Medentika Holder)



CoCr Abutment



Anatomic Abutment (straight and angled)



Universal Abutment (straight and angled)



Abutment



Angled Mini Conical Abutment



Attachment TiN* for Removable Protheses (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



Straumann UNIQ™ workflow availability**

*TiN - Titanium nitride

**Check availability in your region.

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 carrier, 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

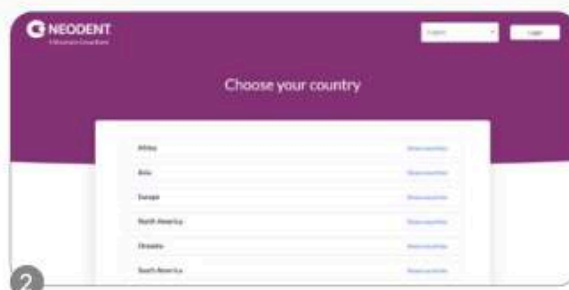
Neodent® innovates once more, providing an on-line platform designed to provide quick and practical use of its own products instructions: the e-IFU (Instructions For Use) website.

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



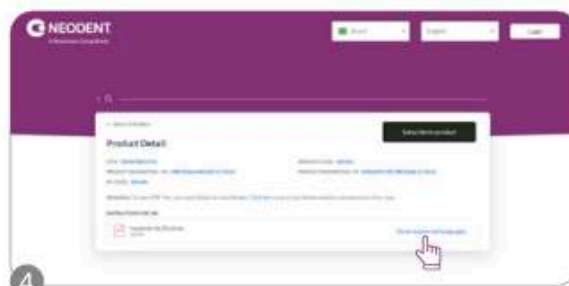
To access the IFU website, enter the address above in your browser.



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.

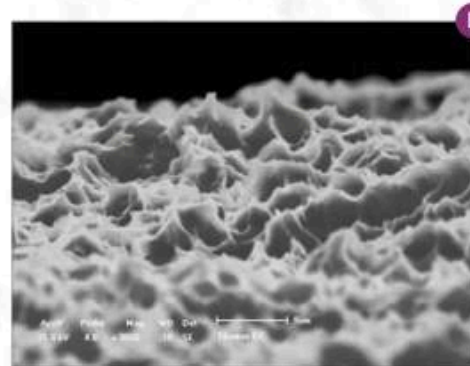
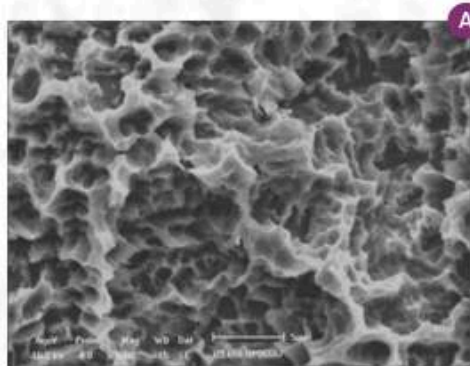
NeoPoros

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 automated time, speed, pressure and particle size control.

Several scientific studies continue to be performed so that the **NeoPoros** surface may be always evolving.



Controlled roughness on all implant surface. Scanning electron microscopy (A) shows macro (15-30μm) and (B) microtopography (0.3 - 1.3μm).

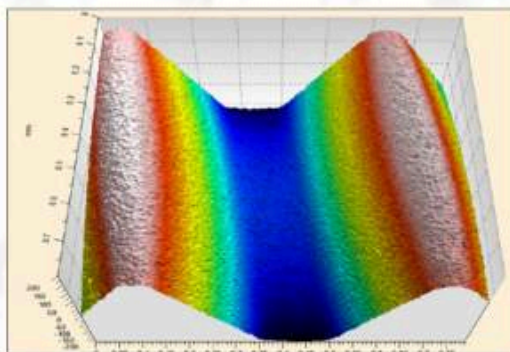


Image taken by confocal microscopy.
Roughness and Microtopography.
(Sa= 0.3 - 1.3 μm; Sz= 6.0 - 15.5 μm).

acqua®

ACQUA Hydrophilic Surface designed for high treatment predictability.

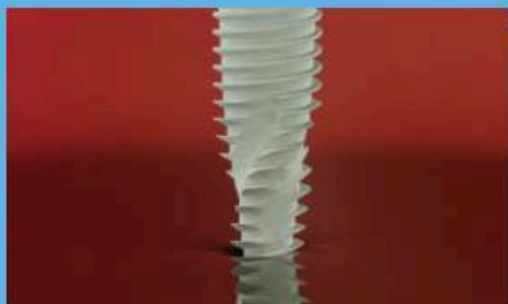
The Neodent® ACQUA hydrophilic surface is the next level of the highly successful S.L.A. type of surface developed to achieve successful outcomes even in challenging situations, such as soft bone or immediate protocols.⁽¹⁻⁴⁾

Hydrophilicity

The hydrophilic surface presents a smaller contact angle when in contact with hydrophilic liquids. This provides greater accessibility of organic fluids to ACQUA implant surface versus NeoPoros.⁽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.

Applications:

- 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[®]



*For immediate load application the primary stability must be at least 35 Ncm and the patient must present with physiological occlusion.

**The GM Helix Implant in diameters 6.0 and 7.0 is an exception, being indicated for bone type III or IV. The GM Helix implant in diameters 6.0 and 7.0 is contraindicated for healed bone bed with I/II quality.

< 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	103.578	103.577
Ø3.5	✓	✓	✓	✓	✓														
Ø3.75	✓	✓	✓	✓	✓														
Ø4.0	✓	✓	✓	✓															
Ø4.3	✓	✓	✓	✓															
Ø5.0	✓	✓	✓	✓															

*Recommended sequence except for implants with 8mm in length *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	✓	✓	✓	✓															

*Recommended sequence except for implants with 8mm in length *Optional / Bone types I and II

Helix® GM Implants

Ø3.5	ACQUA	NeoPoros	Ø3.75	ACQUA	NeoPoros	Ø4.0	ACQUA	NeoPoros	Ø4.3	ACQUA	NeoPoros
8.0	140.943	109.943	8.0	140.976	109.976	8.0	140.982	109.982	8.0	140.948	109.948
10.0	140.944	109.944	10.0	140.977	109.977	10.0	140.983	109.983	10.0	140.949	109.949
11.5	140.945	109.945	11.5	140.978	109.978	11.5	140.984	109.984	11.5	140.950	109.950
13.0	140.946	109.946	13.0	140.979	109.979	13.0	140.985	109.985	13.0	140.951	109.951
16.0	140.947	109.947	16.0	140.980	109.980	16.0	140.986	109.986	16.0	140.952	109.952
18.0	140.988	109.988	18.0	140.981	109.981	18.0	140.987	109.987	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

**The GM Helix Implant in diameters 6.0 and 7.0 is an exception, being indicated for bone type II or IV. The GM Helix Implant in diameters 6.0 and 7.0 is contraindicated for healed bone bed with I/II quality.

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

**The GM Helix Implant in diameters 6.0 and 7.0 is an exception, being indicated for bone type III or IV. The GM Helix Implant in diameters 6.0 and 7.0 is contraindicated for healed bone bed with I/II quality.

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.

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.

Applications:

- 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	103.581	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 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 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

Titamax GM

PRODUCT FEATURES:

Implants Description:

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

Applications:

- 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 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 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 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 115.269	1.5 mm 115.270	2.5 mm 115.271	GM Exact Abutment with Neo Removable Screw
3.5 mm 115.272	4.5 mm 115.273		



Intraoral



Abutment
Scanbody
2
108.220



GM Abutment Hybrid
Repositionable Analog
101.101



GM Abutment Coping
for Crown - Digital
Workflow
10 Nm
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 Nm
118.362

Conventional



GM Abutment
Impression Coping
Closed Tray
2
108.179



Neo Abutment
Titanium Coping
10 Nm
118.300

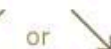
or



Neo Abutment
Protection
Cylinder
2
106.221



Abutment Analog
101.101
Hybrid Repositionable
(conventional/digital)



Neo Abutment
CoCr Coping
10 Nm
118.299

or



Neo Abutment
Burn-out
Coping
10 Nm
118.298

Drivers



Neo
Screwdriver
Torque
Connection



Torque Wrench



Neo
Screwdriver
Torque
Connection



Manual
Screwdriver
Torque

Accessories

Replacement Abutment Screw



116.290 Neo GM Screw (Short) - for abutment with 0.8 GH
116.291 Neo GM Screw - for abutments with 1.5-2.5 GH
116.292 Neo GM Screw (Long) - for abutments with 3.5-5.5 GH

Mini Conical Abutment
Polishing Protector
123.008

Replacement Coping Screw
116.266 Titanium

< 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



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



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



Mini Conical
Abutment Hybrid
Repositionable
Analog
101.092

or



Neo Mini Conical
Abutment One
Step Hybrid
Coping
10 Ncm
118.382 Regular
118.410 Long



Neodent
DirectFit
Screw (5 un.)
20 Ncm
116.303

Download the DirectFit Screw DME File:
straumann.us/connectivity.

Model Scanning



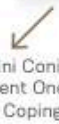
Slim Mini Conical
Abutment Open Tray
Impression Coping
3



Mini Conical
Abutment Hybrid
Repositionable
Analog
101.092



Mini Conical
Abutment
Scanbody
3



Neo Mini Conical
Abutment One Step
Hybrid Coping
10 Ncm
118.382 Regular
118.410 Long



Neodent
DirectFit
Screw (5 un.)
20 Ncm
116.303

Download the DirectFit Screw DME File:
straumann.us/connectivity.

Conventional



Slim Mini Conical
Abutment
Open Tray Impression
Coping
3



Neo Mini Conical
Abutment
Titanium
Coping
10 Ncm
118.302



Mini Conical
Abutment Analog
101.092 Hybrid Repositionable
(conventional/digital)
101.020 Conventional
101.112 Conventional (5 unit) **NEW ITEM**



Neo Mini Conical
Abutment
CoCr
Coping
10 Ncm
118.303



Neo Mini Conical
Abutment
Burn-out Coping
10 Ncm
118.301

19

Drivers

1



Hexagonal
Prosthetic
Driver



Torque Wrench

2



Neo
Screwdriver
Torque
Connection



Torque Wrench

3



Neo
Screwdriver
Torque
Connection



Manual
Screwdriver
Torque

Accessories



Replacement Abutment Screw

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



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



Mini Conical
Abutment Polishing
Protector
123.008



Replacement
Coping Screw

116.269 Titanium



Neo Mini Conical Abutment
Coping Screw 4.1 (5 un.)
101.112

GM Micro Abutment

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

Minimum interocclusal
space of 3.5 mm from the
mucosa level.



Single-unit
screw-retained
prosthesis



Multiple-unit
screw-retained
prosthesis

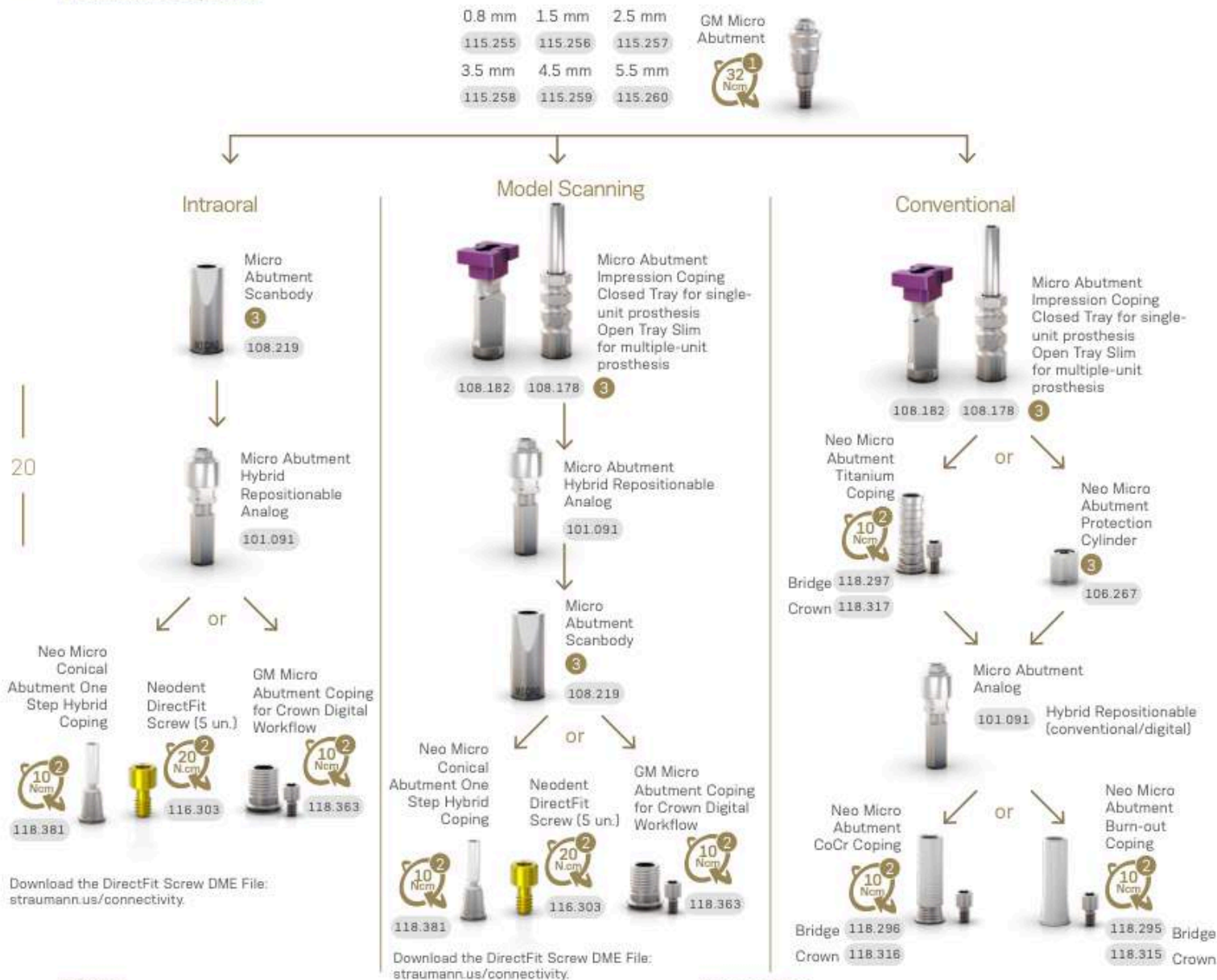


Ø3.5 mm

Recommended for limited spaces and narrow inter-dental spaces.



Installation Sequence



Drivers



Accessories



< PREVIOUS



NEXT >

GM Anatomic Abutment



Single-unit
cement-retained
prosthesis

Recommended for anterior region.

Gingiva color for
esthetic outcomes

Click retention for
provisional copings

With internal threads for a secure
engagement of the screw

Exact

Neo Removable Screw



Installation Sequence

In Mouth

GM Exact Click
Anatomic
Abutment with Neo
Removable Screw



GM Exact Click
Narrow Anatomic
Abutment with
Neo Removable
Screw



1.5 mm 2.5 mm 3.5 mm

114.862 114.863 114.864

17° 114.865 114.866 114.867

OR

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 Tray

108.160 108.161

and Open Tray

108.161 108.163



GM Implant Analog

Ø3.5/3.75 Ø4.0/4.3 Ø5.0/5.0

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



1.5 mm 2.5 mm 3.5 mm

114.862 114.863 114.864

17° 114.865 114.866 114.867

GM Exact Click
Narrow Anatomic
Abutment with Neo
Removable
Screw



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 3.5-5.5 GH

GM Universal Abutment



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
4 mm 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
6 mm Ø4.5	114.844	114.845	114.846	114.847	114.848	114.849

or



GM Exact Click
Universal Abutment 17°
with Removable Screw

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



GM Exact Click
Universal Abutment 30°
with Removable Screw

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

Intraoral



Universal Abutment
Intraoral Scanbody

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



Universal abutment Hybrid
Repositionable analog

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

Milled crown

Conventional



Click Universal
Abutment
Impression Coping

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



Click Universal
Abutment
Provisional Coping

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



Universal Abutment
Analog

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

Hybrid Repositionable
(conventional/digital)



Universal Abutment
Burn-out Coping

	4 mm Ø3.3	6 mm Ø3.3
4 mm Ø4.5	118.181	118.182
6 mm Ø4.5	118.183	118.184

Drivers



Neo
Screwdriver
Torque
Connection



Torque Wrench



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 Titanium Base



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

Model Scanning

Conventional



Drivers

Accessories



GM Titanium Base for Bridge



Multiple-unit
screw-
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



Model Scanning



GM Titanium Base for Bridge	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)



With removable screw.

Cementable area:
6.0 or 4.0 mm;
Up to 15°

Exact



Installation Sequence

Intraoral



Model Scanning



Drivers



Accessories



Titanium Base C for GM

Single-unit screw-retained prosthesis

Single-unit cement-retained prosthesis

Ø4.65 mm

Cementable area: 4.7 mm;

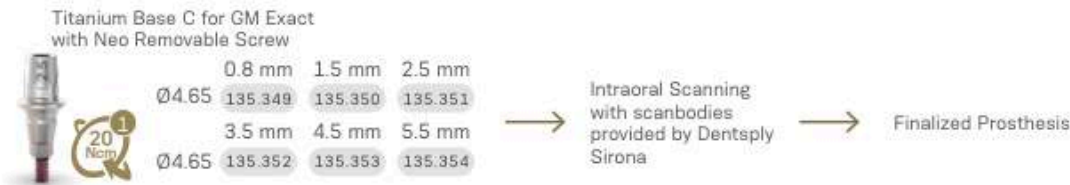
With internal threads for a secure engagement of the screw;

Exact;

Neo Removable Screw.



Installation Sequence



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 directly from equipment manufacturer.

Step 2

Intra-oral scanning.



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

GM Scanbase for C			
	0.8	1.5	2.5
GH	108.228	108.229	108.230
	3.5	4.5	5.5
	108.231	108.232	108.233



Insert Scanbody on the Titanium Base or Scanbase for C.

Step 3

Design and milling.



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



Mill the digital design using a Sirona CEREC or inLab MC X or MC XL milling unit..

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	
	Scanbody	REF Scanbody Omnicam	REF Scanbody Bluecam / Invo	Grinding block	Implant manufacturer	Implant system
Ti-base						
NBB 3.4 L						
NB A 4.5 L						
SSO 3.5 L						
S BL 3.3 L						
S BL 4.1 L						
BO 3.4 L						

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.

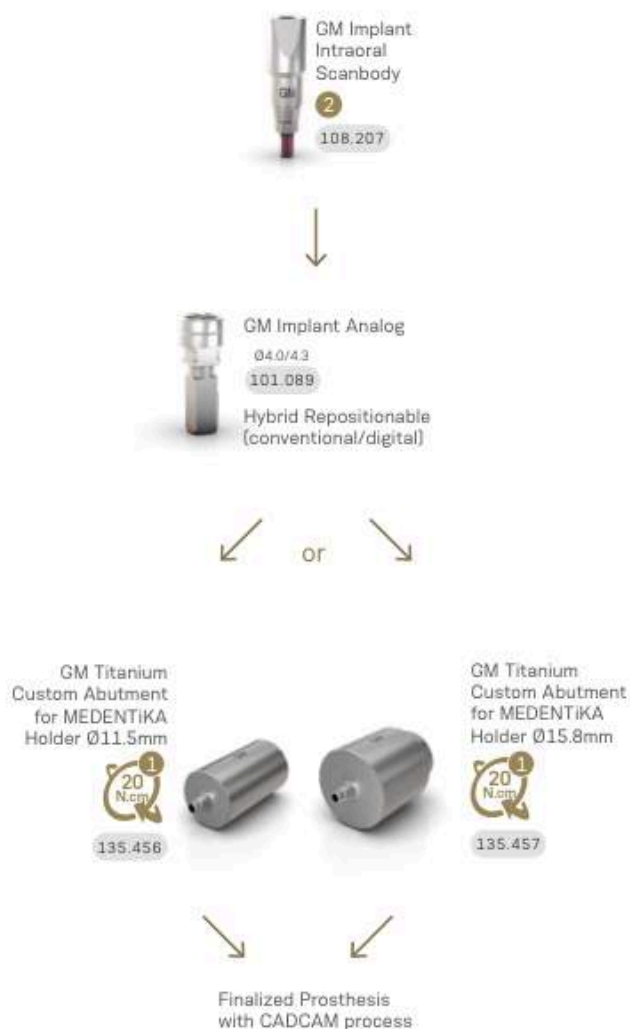
Cementable area: 14.2 mm;

Exact.

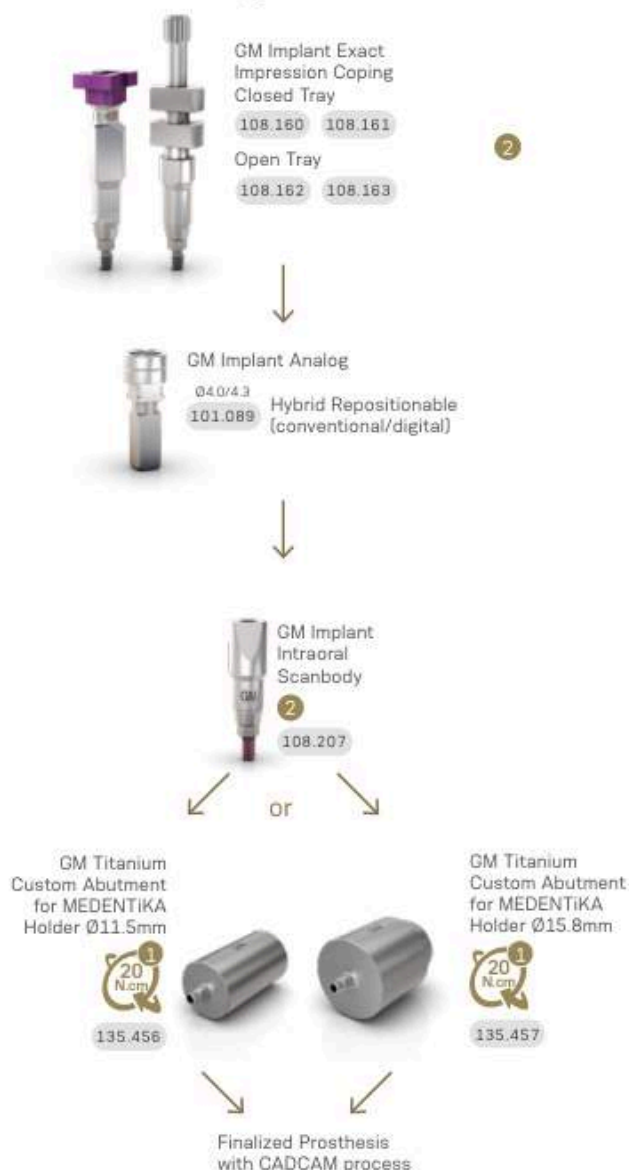


Installation Sequence

Complete Digital Workflow



Semi Digital Workflow



27

Drivers

1

Neo
Screwdriver
Torque
Connection



Torque Wrench

2

Neo
Screwdriver
Torque
Connection



Manual
Screwdriver
Torque

Accessories



Sterile Screws
sold separately

116.286 Titanium

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 Nm
135.226



Finalized Prosthesis
with CAD/CAM 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 Nm
135.226



Finalized Prosthesis
with CAD/CAM process

Drivers



Neo
Screwdriver
Torque
Connection



Torque Wrench



Neo
Screwdriver
Torque
Connection



Manual
Screwdriver
Torque

Accessories



Sterile Screws
sold separately
116.286 Titanium

< PREVIOUS



NEXT >

GM CoCr Abutment



Single-unit
screw-
retained
prosthesis



Single-unit
cement-
retained
prosthesis



Ø4.1/4.5/
5.0 mm

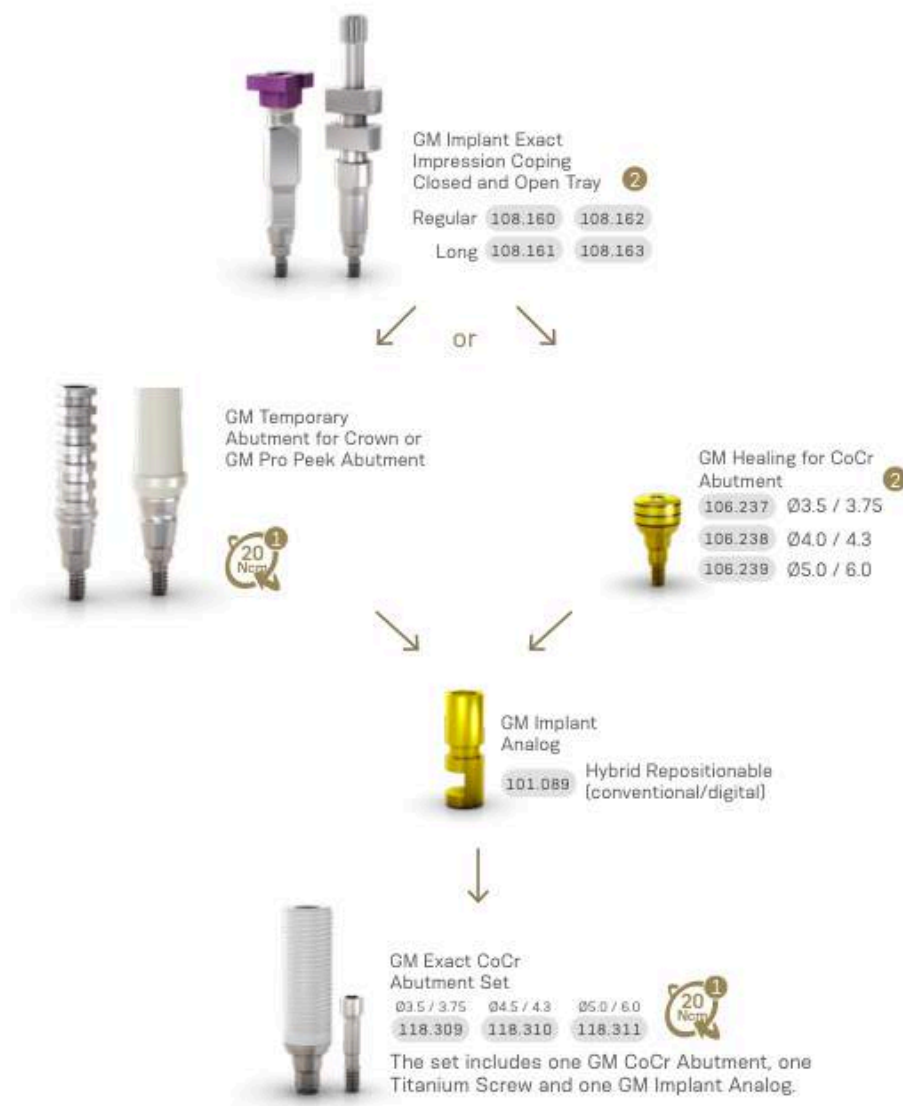
For implants placed at bone level.

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



Drivers



Accessories



GM Temporary Abutment



Single-unit
screw-retained
temporary
prosthesis



Multiple-unit
screw-retained
temporary
prosthesis



Ø3.5/
4.5 mm

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

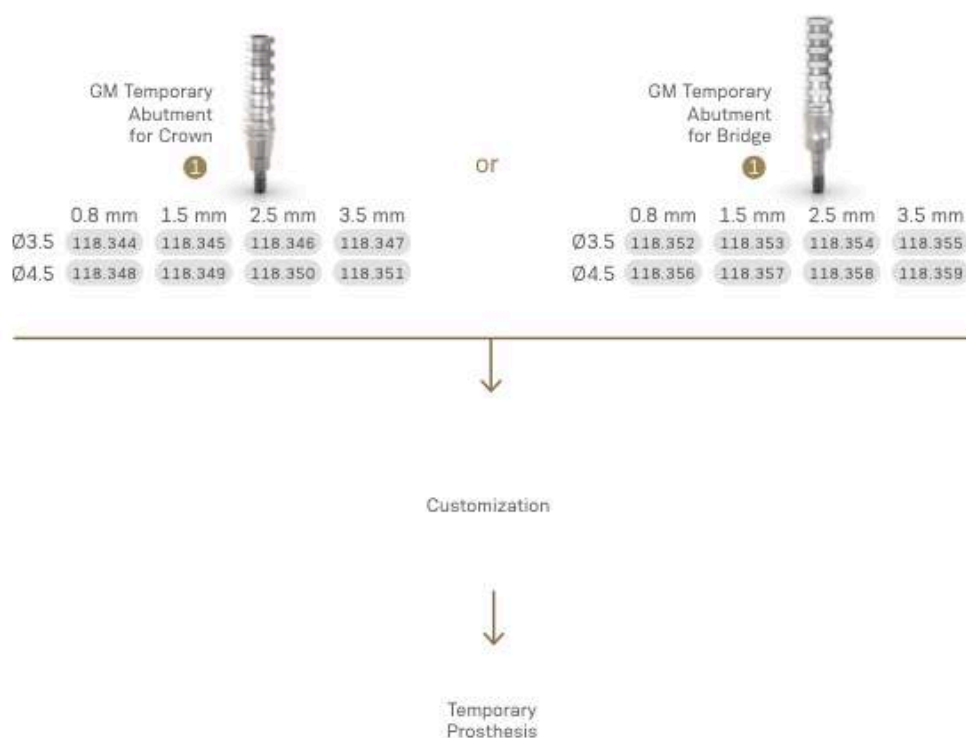


Customizable area made of titanium.

A minimum height of 4 mm of the customizable area must be kept.

With retentive grooves for acrylic material and allows customization.

Installation Sequence



Drivers

1



Neo
Screwdriver
Torque
Connection



Torque Wrench

Accessories



Replacement
Sterile Screws

116.286 Titanium

GM Pro Peek Abutment



Single-unit
cement-retained
temporary
prosthesis



Ø4.5/
6.0 mm

Biocompatible Peek of easy customization.

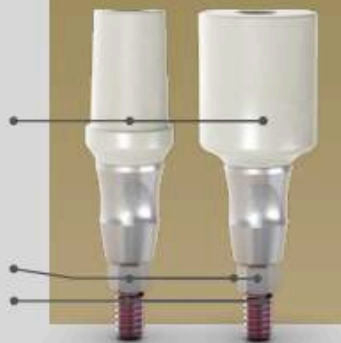
Consider in addition 1.5 - 2.0 mm for
the restorative material

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

31

Drivers



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 Attachment TiN* for Removable Prostheses



Overdenture

Angled version with removable screw.



Installation Sequence

GM Attachment TiN* for Removable Prostheses



or

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



GM Attachment TiN* for Removable Prosthesis 30°



0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm
102.148	102.149	102.150	102.151	102.152	102.153	102.154	102.155	102.156	102.157	102.158	102.159	102.254	102.255	102.256	102.257	102.258

Abutment Level Workflow

Conventional

Digital

Forming/Fixing Matrix
4 Pcs
2010.722-NOV

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

Attachment Analog
4 Pcs
2010.721-NOV

Attachment Analog 15°
4 Pcs
2010.720-NOV

Novaloc® Model Analog CAD/CAM
2010.728-NOV 4 Pcs
2010.729-NOV 10 Pcs

Mounting Collar
10 Pcs
2010.724-NOV

Matrix Housing
(including Processing Spacer)

Abutment Level Workflow only.

- Go to www.straumann.com/us/en/dental-professionals/digital-performance/connectivity.html for Novaloc/MedentiLOC Digital Abutment Level Library
- www.straumann.com/us/en/dental-professionals/products-and-solutions/implant-borne-prosthetics/products/novaloc.html

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

Accessories



*TiN - Titanium nitride

GM Mini Conical Abutment Coping for Removable Prosthesis



Overdenture



Installation Sequence



Abutment Level Workflow



*The 45°/45° Slim Mini Conical Abutment are indicated for use only with Pterygoid implants (GM Helix Ø 3.75/ Ø4.0 x 18mm and GM Helix L01, Zygoma GM and GM Zygoma-S The 52° and 60° Mini Conical Abutments are indicated for use only with Zygoma GM and GM Zygoma-S.

Drivers



Accessories



< PREVIOUS



NEXT >

Measurements GM Mini Conical Abutment

17°



30°



Measurements GM Anatomic Abutment

Narrow Anatomic
Abutment



Anatomic
Abutment



Narrow Anatomic Abutment 17°



Anatomic Abutment 17°



Measurements GM Universal Abutment

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°



Grand Morse® Kits

< PREVIOUS



NEXT >

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 Drill 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.

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 17°
- 128.031 Angle Measurer for Drill 2.0 30°
- 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).

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 17°

128.031 Angle Measurer for Drill 2.0 30°

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).

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

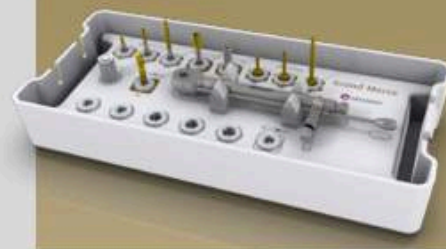
125.163 13.0 Control Drill Stop D6.0/7.0

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

Grand Morse® 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
- [105.148](#) 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.

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

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

< PREVIOUS



NEXT >



Neodent controlsystem



TRUST YOURSELF

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

Protect anatomical structures

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

Master limited visibility

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



Intuitive solution

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



Secure drill stop locking system

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



Multiple use solution

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

User friendly kit retentive system

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



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

Neodent® Color Code overview



Color code according to implant length



Compatible portfolio of Helix® GM Implants



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	103.582	103.561	103.563
Ø3.75	103.585	103.564	103.566
Ø4.0	103.588	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

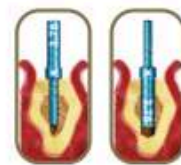
- Available in titanium;
- To be used in association with the Control Stop Drills;
- Physical control for drilling depth.



	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 15°.

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 15°.

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;
- :: Confirms the bone around the implant platform, preparing the emergence profile to be suitable to prosthetic components.

103.424

Angle Measurer for Drill 2.0



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

17°	30°
128.030	128.031

GM Angle Measurer



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

17°	30°
128.032	128.033

Control Stop Kit Holder



- :: Available in polymer;
- :: Replacement piece;
- :: 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
104.028

Torque Wrench
Connections
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
130.118

Long
130.114

Remover for Neo Screws



- Available in surgical steel;
- Compatible with Neo removable screws for abutments

Regular
130.119

Long
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
130.117

Long
130.116

*130.117 and 130.116 sold as a set of two.

Stainless Steel Removal Implants,

- Implants Removal
- Stainless Steel



Regular
130.050



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.



COLOR CODE ACCORDING TO IMPLANT DIAMETER



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

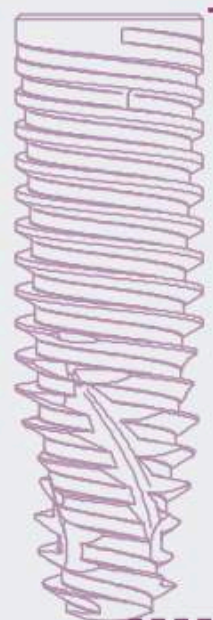


LASER-MARKED LENGTH



ACTIVE PORTION MATCHING IMPLANT LENGTHS

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



1

2

3

4



FULLY GUIDED BED PREPARATION

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



FULLY GUIDED IMPLANT INSERTION

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

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

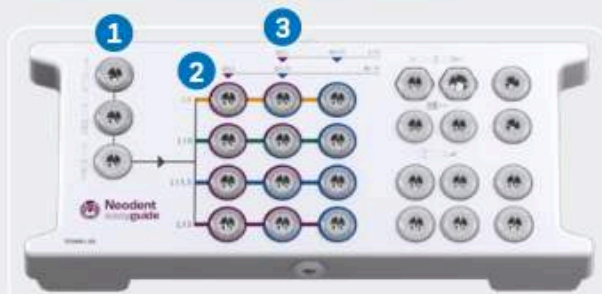
3. SURGICAL GUIDE PRODUCTION
The surgical guide must contain
the sleeves that guide the
instruments and the implants.



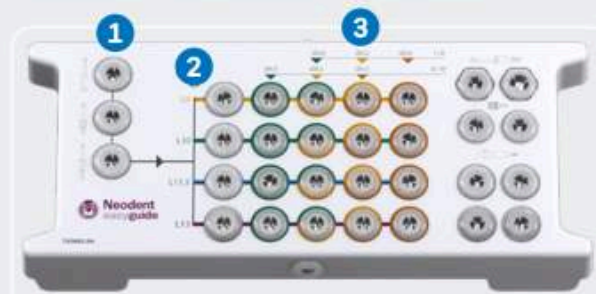
2. VIRTUAL PLANNING
Implant positioned respecting the
patient's anatomy and prosthetic
outcome. Neodent® EasyGuide
is compatible with major software.

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

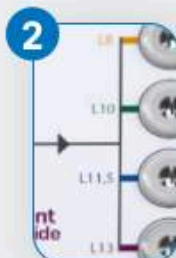
EASYGUIDE KIT NARROW/REGULAR • Ø3.5, Ø3.75



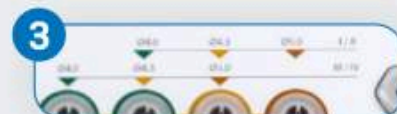
EASYGUIDE KIT REGULAR/WIDE • Ø4.0, Ø4.3, Ø5.0



UNIQUE START
REGARDLESS
OF BONE TYPE



STRAIGHTFORWARD
IMPLANT LENGTH
IDENTIFICATION



COLOR CODED DRILL SEQUENCE
FOR EACH IMPLANT DIAMETER



NARROW SLEEVE: Ø3.5/Ø3.75



REGULAR SLEEVE: Ø4.0/Ø4.3/Ø5.0

< PREVIOUS



NEXT >

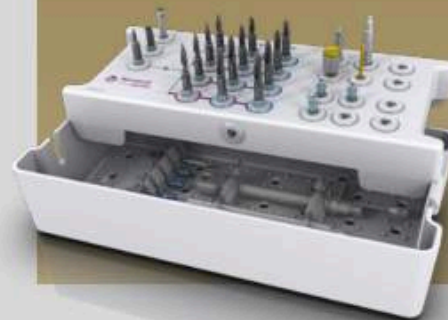
Neodent® EasyGuide Kits

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
- 104.080 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	125.178



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



Neo Manual Screwdriver

- :: Available in surgical steel and titanium.

Medium 25 mm
104.060



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



Neo Screwdriver Torque Connection - Contra-angle

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

Long 31 mm	Extra Long 37 mm
105.160	105.167



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



Torque Wrench

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

104.050

Depth Probe

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



129.034

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
---------	---------------------------





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⁾.
- A comprehensive portfolio, including Helix® GM, Helix® GM Long, Zygoma GM and GM Zygoma-S to accommodate all bone types,⁽¹²⁾.



Immediate natural-looking esthetics with versatile restorative options.

- A broad gingival height abutment range to cater the patient's needs.
- Options of straight and angled abutments [0°, 17°, 30°, 45°**, 52°*** & 60°***].



Immediate peace of mind thanks to a stable foundation.

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

SOLUTIONS FOR ALL CLINICAL NEEDS

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



Helix® GM

NEW
INDICATION
PTERYGOID
(HELIX® GM
18 MM)*



Helix GM Long

NEW
INDICATION
PTERYGOID*



Zygoma GM



Zygoma-S GM

57



BONE RESORPTION

*For immediate load application, the primary stability must be at least 35 N.cm and the patient must present with physiological occlusion.

**Refer to the instructions for use available at ifuneodent.br for the complete pterygoid indication labeling.

***The 45°/45° Slim Mini Conical Abutment are indicated for use only with Pterygoid implants (GM Helix Ø3.75/ Ø4.0 x 18 mm and GM Helix LG), Zygoma GM and GM Zygoma-S.)

***The 52° Mini Conical Abutment and 60° Mini Conical Abutment are indicated for use only with Zygoma GM and Zygoma-S.

< PREVIOUS



NEXT >

IMMEDIATE FULL ARCH SOLUTION

NEODENT® NEOARCH®

immediate loading* & remote anchorage

HELIX® GM (18 MM) & HELIX GM LONG PTERYGOID INDICATION

Helix GM (18 mm) implants with Ø3.75 and Ø4.0 diameters and the Helix GM Long implant system are now indicated for surgical installation in the pterygoid region (upper jaw), for multiple unit restorations, when combined with 45°**/45° slim** mini conical abutments, in cases of severe jaw resorption, in order to restore patient esthetics and chewing function***.

- IMPLANTS IN THE PTERYGOID INDICATION SHOULD BE USED IN SPLINTED APPLICATIONS THAT UTILIZE AT LEAST TWO IMPLANTS.
- VARIOUS IMPLANT LENGTHS TO PROVIDE ADEQUATE ANCHORAGE
- PROSTHETIC VERSATILITY: INDICATED FOR USE WITH THE GM MINI CONICAL ANGLED ABUTMENTS 45°**/ 45°SLIM**



HELIX GM 18 MM
Ø3.75/ Ø4.0



HELIX GM LONG 20 MM
Ø3.75/ Ø4.0



HELIX GM LONG 22.5 MM
Ø3.75/ Ø4.0



HELIX GM LONG 25 MM
Ø3.75/ Ø4.0

*For immediate load application, the primary stability must be at least 35 N.cm and the patient must present with physiological occlusion.

**The 45°/45° Slim Mini Conical Abutment are indicated for use only with Pterygoid implants (GM Helix Ø3.75/ Ø4.0 x 18mm and GM Helix LG), Zygoma GM and GM Zygoma-S.

***Refer to the instructions for use available at ifu.neodent.br for the complete pterygoid indication labeling.

NEODENT® EDUCATION OPPORTUNITIES

Learn advanced techniques beyond conventional full arch surgery including Zygomatic and Pterygoid implants:

- Zygomaniaks: Fixed Full Arch Pathway Live Patient | June 1-5, 2026 | Rio de Janeiro, BR
- Zygomaniaks: Zygomatic Flow Live Patient | June 1-5, 2026 & July 20-24, 2026 | Rio de Janeiro, BR
- 4M Institute: Remote Anchorage Cadaver | August 15-16, 2026 | Long Beach, CA
- Neodent Symposium | October 15-17, 2026 | Austin, TX
- Texas Implant Institute: Remote Anchorage Cadaver | November 6-7, 2026 | Dallas, TX

Scan to download the education catalog



WORKING PROTOCOL

Helix® GM (18 mm)



Drilling sequence

	Initial	Ø2.0	Ø3.5	Ø3.75	Ø4.0
	103.170	103.425	103.561	103.564	103.567
Ø3.75 mm	Optional	✓	✓	Optional	
Ø4.0 mm	Optional	✓	✓	✓	Optional



For bone types III and IV

Helix GM Surgical Kit



Helix GM Compact Surgical Kit



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

59

Helix® GM Long



Drilling sequence

	Initial	Ø2.35	Ø3.75	Ø4.0
	103.453	103.462	103.463	103.464
Ø3.75 mm	Optional	✓	✓	
Ø4.0 mm	Optional	✓	✓	✓



For bone types III and IV

Helix GM Long Compact Surgical Kit



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

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.

Applications:

- Surgical intraoral installation; in bone types III/IV for cases of total or partial edentulism and for multiple-unit prostheses.
- For pterygoid* region in splinted applications that utilize at least two implants, combined with 45°*** angulation mini conical abutment.

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 Nm.

Available with:

NeoPoros[®]

**NEW
INDICATION
PTERYGOID***



*Refer to the instructions for use available at ifu.neodent.br for the complete pterygoid indication labeling.

**The 45°/45° Slim Mini Conical Abutment are indicated for use only with Pterygoid implants (GM Helix Q3.75/ Q4.0 x 18 mm and GM Helix LG), Zygoma GM and GM Zygoma-S.)

***The 52° Mini Conical Abutment and 60° Mini Conical Abutment are indicated for use only with Zygoma GM and Zygoma-S.

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 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.

Applications:

- 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®

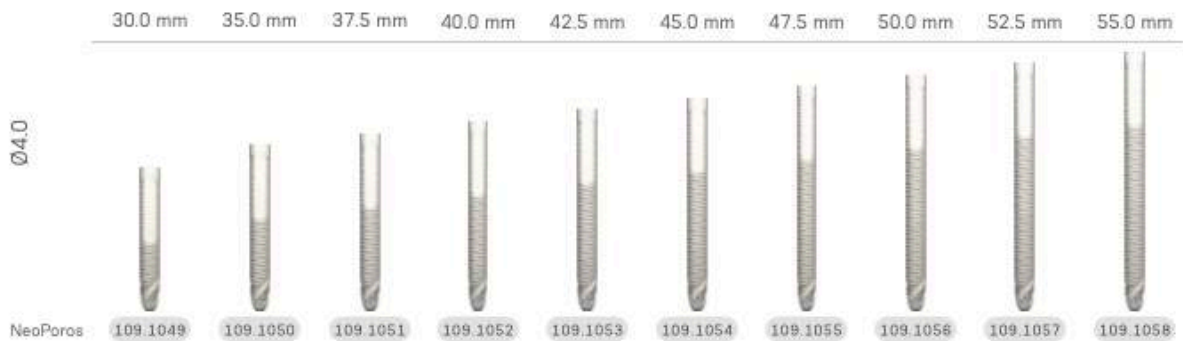


Drill Sequence



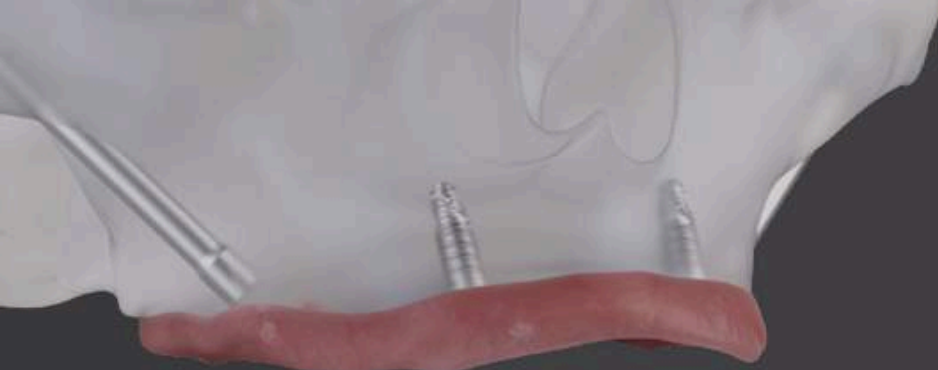
The procedure can start guided. Check the instruments for more information.

Zygoma GM Implants



GM Cover Screw





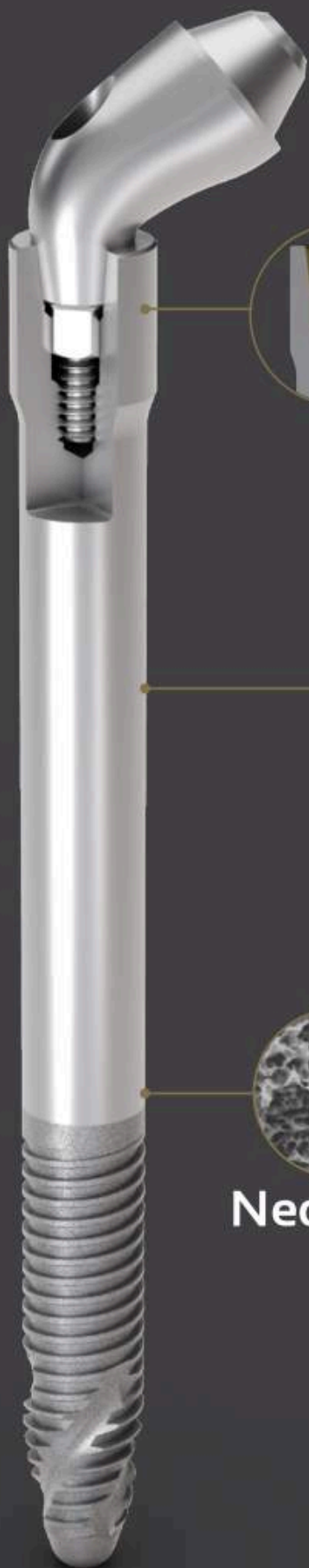
Zygoma-S

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].



NeoPoros

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

- One prosthetic connection for all Grand Morse Implants
- 16° 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

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
- Active apex: self-tapping



A SMILE FOR EVERYONE

< PREVIOUS



NEXT >

GM Zygomma-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.

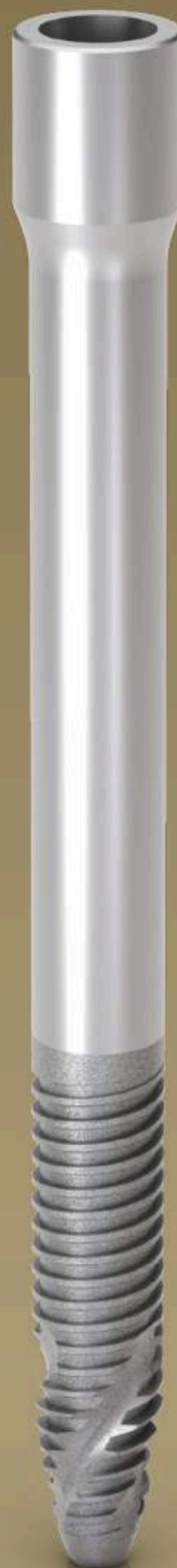
Note: Immediate loading requires at least 35 Ncm and no more than 60 N cm of insertion torque.

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

						
		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		Optional
Ø3.75 mm	Optional	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.

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

Neodent packaging has been specially updated for easy handling 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 allow 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

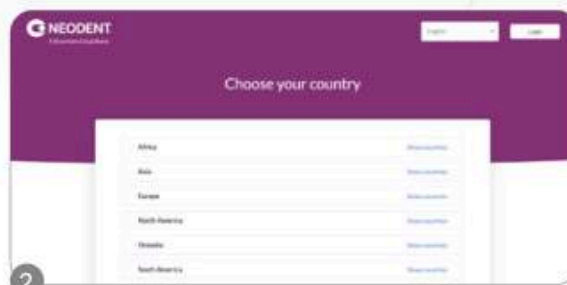
Neodent® innovates once more, providing an on-line platform designed to provide quick and practical use of its own products instructions: the e-IFU (Instructions For Use) website.

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



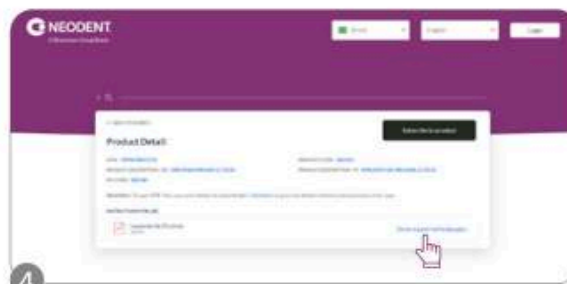
1 To access the IFU website, enter the address above in your browser.



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.

Neodent® DirectFit™ Screw

FIT AND FINISH, WITH DIGITAL PRECISION

Fit the prosthesis directly on the Multi-Unit Abutments with the Neodent DirectFit Screw, designed to provide accuracy and reliability — the precision essential for digital workflows.

Download the DME File:
straumann.us/connectivity

Direct Connection
Screw to Multi Unit
Abutment (S un.)

116.303

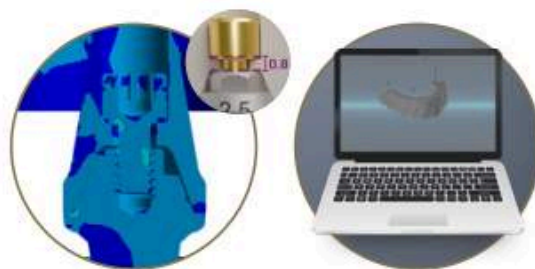


ACCURACY AND RELIABILITY THROUGH ENGINEERED EVIDENCE:

- The 0.8 mm neck geometry is designed to support the prosthesis with consistent mechanical integrity over time;
- Precise workflow from planning to milling, available for exocad®, 3Shape®, and CARES® Visual (requires a validated DME file)

Download the DME File:
straumann.us/connectivity.

For the complete details of the Neodent® InLab Validated Workflow please refer to the instructions for use at ifu.neodent.com.br.



FAST-TRACK DIGITAL RESTORATIONS WITH IMPROVED WORKFLOW EFFICIENCY:

- Simplifies the workflow, reducing procedural complexity for both clinic and laboratory
- Reduce turnaround time when compared to existing workflows with titanium copings linked to the restoration

SCALE UP YOUR BUSINESS WITHOUT THE COMPLEXITY OF TRADITIONAL METHODS:

- Remove the risk of coping debonding;
- Explore different raw materials* combined with a wide range of Neodent® implant lines.



RESTORATION MATERIALS:



PMMA Temporary



Zircônia Final

*Zirconia
 NICE Zirconia HT
 NICE Zirconia LT
 NICE Zirconia XT****
 Prettau***
 PMMA

NICE PMMA*

* The NICE® PMMA material is only recommended for temporary/provisional prosthetic restorations.

**The NICE PMMA material should not be used in conjunction with the direct screw on 45°, 52° and 60° mini conical abutments.

***The Prettau® material should not be used in conjunction with the direct screw on NGM micro conical abutments.

****Zirconia XT restorations are indicated for inlays, onlays, veneers, crowns and bridges up to 3 units.

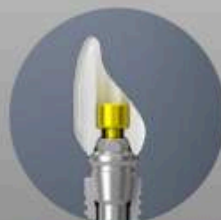
PLATFORMS:

GM Helix®, Helix GM Long,
 Zygoma GM, GM Zygoma-S



Mini Conical

Helix Short



Micro Conical

GM Narrow GM Helix



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



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



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

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

Intraoral



108.218



Mini Conical Abutment
Hybrid Repositionable
Analog
101.092

or



116.303

Neo Mini Conical
Abutment One
Step Hybrid Coping



118.382 Regular
118.410 Long

Model Scanning



Slim Mini Conical
Abutment Open Tray
Impression Coping
108.176



Mini Conical Abutment
Hybrid Repositionable
Analog
101.092



108.218

Neo Mini Conical
Abutment One Step
Hybrid Coping



118.382 Regular
118.410 Long

Neodent
DirectFit
Screw (5 un.)



116.303

Conventional

Slim Mini Conical
Abutment
Open Tray Impression
Coping

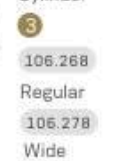


or



118.302

Neo Mini Conical
Abutment
Protection
Cylinder



106.268

Regular

106.278

Wide

Mini Conical
Abutment Analog



101.092

101.020

101.112

Hybrid Repositionable
(conventional/digital)

Conventional

Conventional (5 unit)

NEW
ITEM

Neo Mini Conical
Abutment CoCr
Coping



118.303

Neo Mini Conical
Abutment
Burn-out Coping



118.301

Drivers



Hexagonal
Prosthetic
Driver



Torque Wrench



Neo
Screwdriver
Torque
Connection



Torque Wrench



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 3.5-5.5 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

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

101.112

**The 45°/45° Slim Mini Conical Abutment are indicated for use only with Pterygoid Implants (GM Helix Ø3.75/
Ø4.0 x 18mm and GM Helix LG), Zygomax GM and GM Zygomax-S.
***The 52° Mini Conical Abutment and
60° Mini Conical Abutment are indicated for use only with Zygomax GM and Zygomax-S.

Measurements GM Mini Conical Abutment

17°



30°

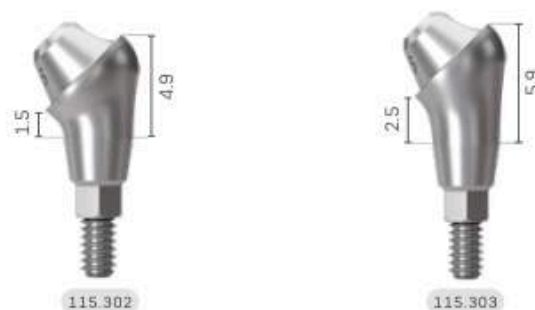


45°**



**The 45° Mini Conical Abutment is indicated for use only with Pterygoid implants (GM Helix Ø3.75/ Ø4.0 x 18 mm and GM Helix LG), Zygoma GM and GM Zygoma-S.

45° slim**



**The 45° Slim Mini Conical Abutment is indicated for use only with Pterygoid implants (GM Helix Ø3.75/ Ø4.0 x 18 mm and GM Helix LG), Zygoma GM and GM Zygoma-S.

52°***



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

60°***



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

NeoArch[®] Kits

Helix® GM Long Compact Surgical Kit

Autoclavable polymer case.



Articles

110.300	Helix GM Long Compact Surgical Kit Case	103.453	Helix GM Long Initial Drill 2.0mm	105.143	Regular Guided Surgery GM Connection for Torque Wrench
103.395	Guided Surgery Drill 1.3mm	103.462	Twist Drill For Helix GM Long 2.35mm	105.140	Regular Guided Surgery GM Connection - Contra-angle
125.100	Guided Surgery Guide Clamp	103.463	Twist Drill For Helix GM Long 3.75mm	104.060	Neo Manual Screwdriver (medium)
125.140	Drill Guide For NGS Helix GM Long 2.0/2.35mm	103.464	Twist Drill For Helix GM Long 4.0mm	105.129	GM Implant Driver - Torque Wrench (short)
125.141	Drill Guide For NGS Helix GM Long 3.75/4.0mm	129.021	Helix GM Long X-ray Positioner	105.168	GM Implant Driver - Contra-angle
103.459	Twist Drill For NGS Helix GM Long 2.35mm	128.032	GM Angle Measurer 17°	104.050	Torque Wrench
103.460	Twist Drill For NGS Helix GM Long 3.75mm	128.033	GM Angle Measurer 30°		
103.461	Twist Drill For NGS Helix GM Long 4.0mm	128.034	GM Angle Measurer 45°		

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

Zygoma GM Surgical Kit

Autoclavable polymer case.

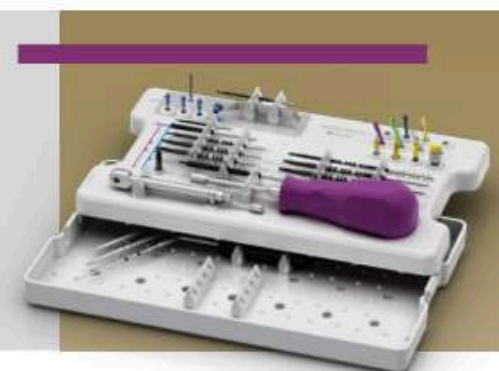


Articles

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

GM Zygoma-S Surgical Kit

Autoclavable polymer case.



Articles

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

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.

Ø2.35	Pilot 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 trans mucosa 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.

78



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
105.172



Guided Surgery GM Connection - Torque Wrench

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

Regular
105.143



Helix GM Long X-ray Positioner

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

129.021



Zygoma GM and GM 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.

Zygoma GM	Ø2.35	Ø4.0	
	129.022	129.023	
Zygoma-S	Ø2.35	Ø3.5	Ø3.75
	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 removable 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



*130.117 and 130.116 sold as a set of two



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.

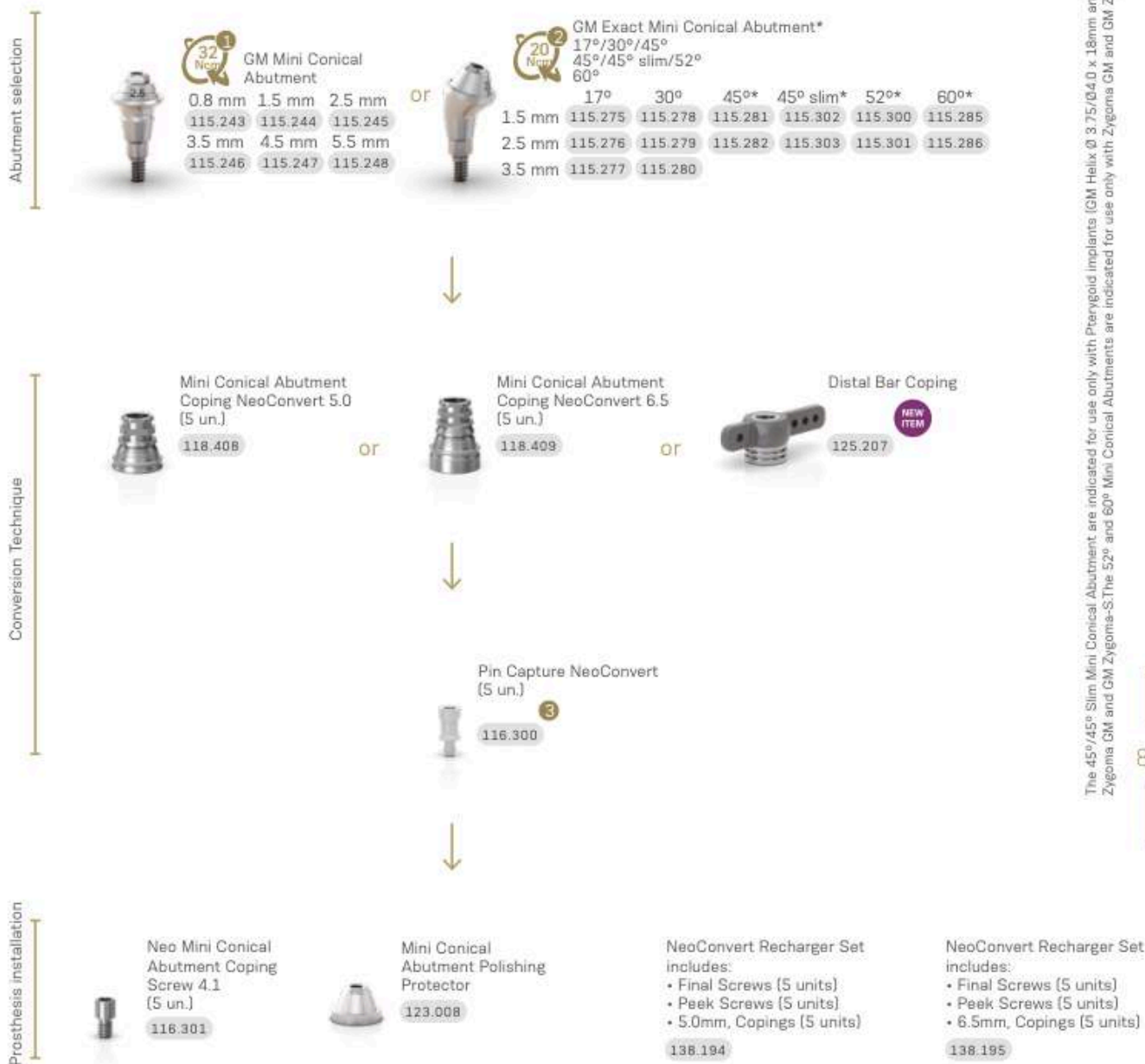


IMMEDIATE FULL ARCH TREATMENT: ONE STEP CLOSER TO EFFECTIVENESS

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

[< PREVIOUS](#)[NEXT >](#)

Installation Sequence



The 45°/45° Slim Mini Conical Abutment are indicated for use only with Pterygoid Implants (GM Helix Ø 3.75/Ø 4.0 x 18mm and GM Helix LO), Zygomia GM and GM Zygomia-S. The 52° and 60° Mini Conical Abutments are indicated for use only with Zygomia GM and GM Zygomia-S.

Drivers



Accessories



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, supporting them to perform immediate protocols with peace of mind.



VISUAL COMMUNICATION

- Enables richer communication to help build trust with patients
- Access to a range of treatment options
- Immediate protocols
- Flapless surgery
- Comprehensive treatment planning
- Esthetically driven surgery capable of delivering a personalized restoration



Complete
Helix® and Drive GM
Implants portfolio



Convenient
Color-coded instruments
and symbol-marked



Flexible
2 sleeve height positions

Neodent® Guided Surgery Kit for Grand Morse®

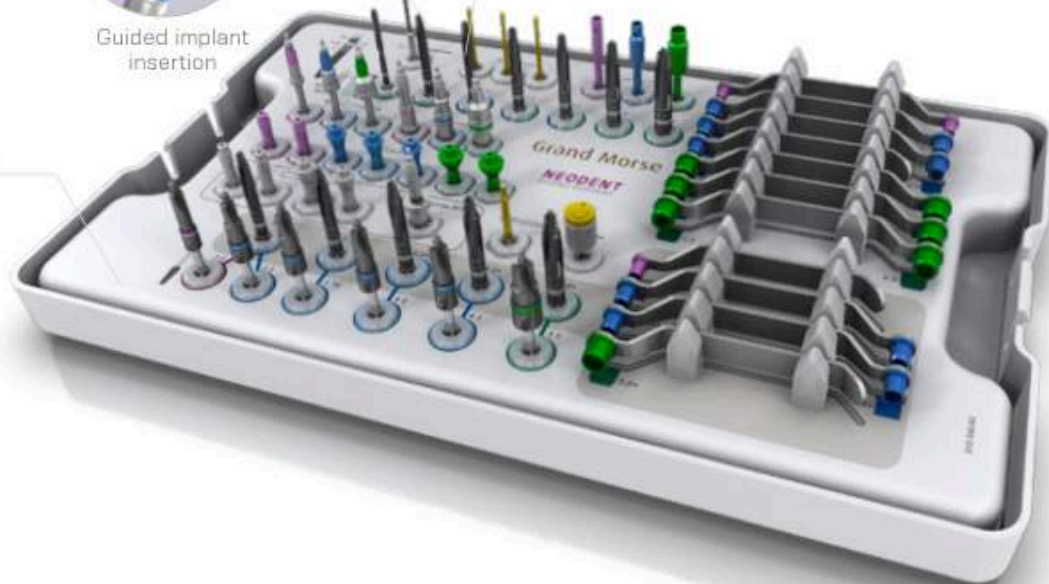
Compatible with major guided
surgery software



Guided implant
insertion



Guided bed
preparation



Neodent® Guided Surgery **Kit**

Grand Morse® Guided Surgery Surgical Kit

Autoclavable polymer case.

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



Articles

- 110.296 GM Guided Surgery Surgical Kit Case
- 103.395 Guided Surgery 1.3
- 125.100 Guided Surgery Guide Clamp
- 103.429 Narrow Guided Surgery Punch - Contra-Angle
- 103.430 Regular Guided Surgery Punch - Contra-Angle
- 103.431 Wide Guided Surgery Punch - Contra-Angle
- 103.432 Guided Surgery Drill 2.0
- 103.433 Tapered Guided Surgery Drill 3.5*
- 103.434 Tapered Guided Surgery Drill 3.75*
- 103.435 Tapered Guided Surgery Drill 4.0*
- 103.436 Tapered Guided Surgery Drill 4.3*
- 103.437 Tapered Guided Surgery Drill 5.0*
- 103.438 Tapered Guided Surgery Drill 6.0*
- 105.171 Narrow Guided Surgery GM Connection - Contra-angle
- 105.172 Regular Guided Surgery GM Connection - Contra-angle
- 105.173 Wide Guided Surgery GM Connection - Contra-angle
- 105.142 Narrow Guided Surgery GM Connection for Torque Wrench
- 105.143 Regular Guided Surgery GM Connection for Torque Wrench
- 105.144 Wide Guided Surgery GM Connection for Torque Wrench
- 125.130 Narrow Guided Surgery GM Guide Stabilizer
- 125.131 Regular Guided Surgery GM Guide Stabilizer
- 125.132 Wide Guided Surgery GM Guide Stabilizer
- 125.133 Narrow Guided Surgery GM Guide Stabilizer (Long)
- 125.134 Regular Guided Surgery GM Guide Stabilizer (Long)
- 105.145 Guided Surgery GM H11 Connection for Torque Wrench
- 105.136 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 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 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 Punch - Contra-Angle

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

Narrow	Regular	Wide
103.429	103.430	103.431



Guided Surgery GM Pilot Drills

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

	Narrow	Regular	Wide
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 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
105.171	105.172	105.173



Guided Surgery Guide Stabilizers

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

Narrow	Regular	Wide
125.130	125.131	125.132



Guided Surgery GM Connection - Torque Wrench

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

Narrow	Regular	Wide
105.142	105.143	105.144



Guided Surgery Guide Stabilizers - Long

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

Narrow	Regular
125.133	125.134



Guided Surgery GM H 11 Connection - Torque Wrench

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

105.145

Sleeves for Neodent® Guided Surgery System

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



- 125.135 Sleeve for Narrow Guided Surgery System
- 125.136 Sleeve for Regular Guided Surgery System
- 125.137 Sleeve for Wide Guided Surgery System
- 125.138 Sleeve of Setter for Guided Surgery System

Neodent® Techniques

Neodent® DirectFit™ Screw Technique

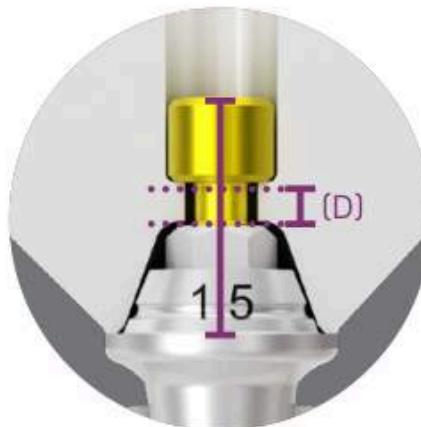


Fit and Finish with digital precision: The Neodent DirectFit screw is used with the Neodent mini conical abutments (GM, Helix Long, Neodent Zygoma GM implants and Helix Short implant systems) and micro-conical abutments (GM Narrow and GM implant systems) for screw-retained multi-unit restorations for bridges or full arch

Download the DME File: straumann.us/connectivity.

Planning instructions

The Neodent DirectFit Screw open virtual libraries are available for use during the design of the prosthesis (Requires a Validated DME File) to virtually customize it around the DirectFit Screw to ensure detailed design from planning to milling for various clinical situations.



(A) The minimum wall thickness is 0.4 mm when working with Zirconia and 1.0 mm when working with PMMA

(D) The seating of the screw head is of 0.8 mm

Handling

- Capture using the NeoScrewdriver or torque wrench connections
- During installation make sure to align the DirectFit screw to the abutment insertion axis making sure it is verifiably seated on the milled restoration



Necessary products to work with the DirectFit Screw

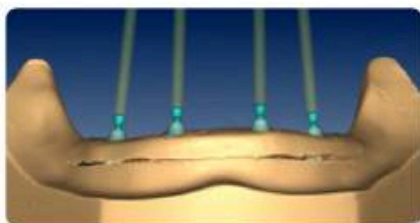


Demonstration Sequence



Step 1

Make sure there is no sign of failure on the scanning model and start the prosthesis planning and production phase.



Step 2

Use the Neodent Implant – Prosthetic Abutment library with a compatible software platform to make the interface design between the prosthetic abutment multiple structure precise.



Step 3

Make the Multiple Structure using CAD Software in accordance with the dimensions of the chosen prosthetic abutment and the software manufacturer's instructions.



Step 4

After the prosthesis is ready, try-in in mouth to review the design, esthetics and phonetics.



Step 5

Install the prosthesis with 20N. cm of torque, using the Neo Screwdriver and the Torque Wrench.



Step 6

Protect the screw access holes with Teflon.



Step 7

Close the access holes with light curing composite.



Step 8

Light cure it. Check occlusal contacts and make the adjustments if necessary.

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	6.5 mm
118.408	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



1 Mini conical abutment coping NeoConvert installation.



2 Mark the prosthesis with silicone impression material.



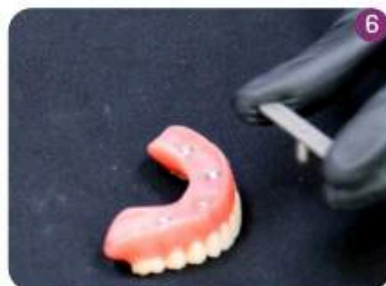
3 Prosthesis wear.



4 Resin application.



5 Cylinder capture.



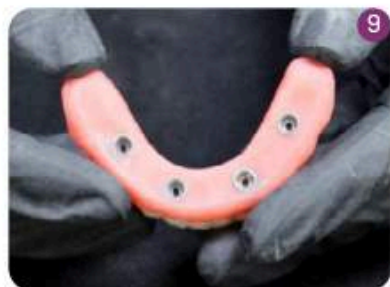
6 First Drill Handpiece NeoConvert™ 1.5 mm.



7 Second Drill Handpiece NeoConvert™ 1.5 mm.



8 Third Drill Handpiece NeoConvert™ 2.0 mm.



9 Polyshing.



10 Installation.

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



Option 1 -Conventional Workflow for cast framework

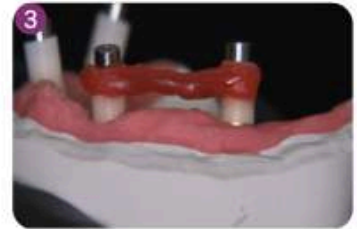
Neo Mini Abutments Copings One Step Hybrid Technique



Working model with artificial gum.



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



Wax-up the framework.



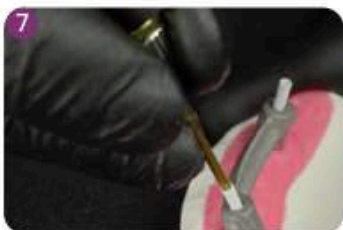
Cast framework. If necessary, provide internal wear in the regions corresponding to the castable copings.



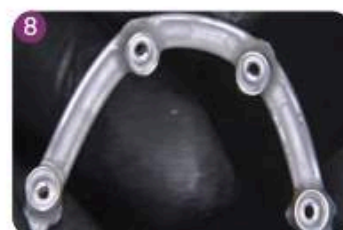
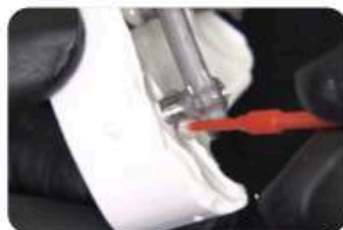
Placement of both the Neo Mini Conical Abutment Coping Base and the sealing pin on top of the analog.



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 overflowed 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



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.



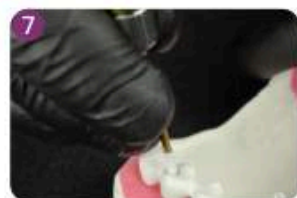
Mill the zirconia bar.



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 overflowed 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.



99



Neo Distal Bar Copping

- :: 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

< PREVIOUS



NEXT >

Demonstration Sequence



1

Neodent®
Abutments
placed.



2

Prosthesis
wearing,
keeping
posterior
region
integrity.



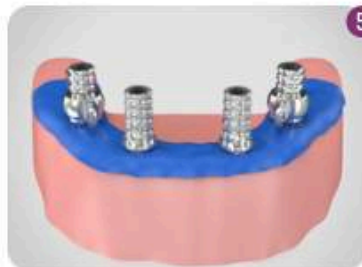
3

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



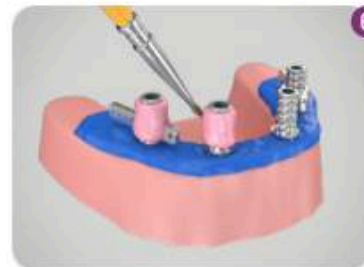
4

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.

Digital Solutions

[< PREVIOUS](#)

[NEXT >](#)



Capture

Intraoral Scan



Intraoral Scanner Straumann SIRIOS™ X3

Straumann SIRIOS X3 is your doorway to the ultimate dental experience: unlocking tailored treatment journeys and several possibilities for many clinical needs. Experience next-level scanning, and step into the Neodent integrated digital ecosystem, where connectivity is effortless and collaboration is easy, redefining what's possible in your practice. Powered by worldclass education and support, Straumann SIRIOS X3 is built to transform your digital dentistry experience.



Scanner Intraoral Sirios™

Straumann SIRIOS goes beyond image capturing, redefining the essence of how you interact with dentistry and opening the door to excellence, with your patient at the center. The synergy of our performance-driven hardware with our intuitive software is engineered to deliver peak performance across your workflow with precision and efficiency.



Engage

Smile design software



Smilecloud for your practice

Engage and encourage patient's collaboration

- Enable patient engagement and case acceptance
- Access files anytime, anywhere
- Monitor and review interdisciplinary cases in 3D
- Empower teamwork

Plan

Surgery Planning Software



CoDiagnostiX®

In our fast and dynamic world, patients deserve high-quality and aesthetic care with minimal visits. Digital treatment planning is becoming the new standard to help clinicians meet these growing demands, while encouraging patient engagement. coDiagnostiX, our state-of-the-art dental treatment planning software, will support you on this journey through its simplicity and efficiency.

All-in-one delivery



Smile in a Box®

Smile in a Box is your outsourced surgical planning service for the production of surgical guides and provisional restorations. Neodent® offers its solutions as a partnership with the Smile in a Box® initiative, delivering all components in a single, streamlined box.

Treat

Reamer for Guided Surgery

- 125.212 Holder
- 125.123 Zi Tip for Guide, Reamer for Surgical Guide
- 125.214 Zi Tip for Sleeve, Reamer for Surgical Guide



Sleeves

- 125.208 Sleeve for Narrow Guided Surgery System (10 un)
- 125.217 Sleeve for Regular Guided Surgery System (10 un)
- 125.165 Sleeve for Wide Guided Surgery System (10 un)
- 125.168 Sleeve of Setter for Guided Surgery System (10 un)
- 125.177 Sleeve for Ngs Guide Clamp (10 un)
- 125.143 Regular Sleeve D5.2 (10 un)
- 125.135 Narrow Sleeve D3.93 (10 un)
- 125.136 Sleeve for Palatal Setter (10 un)
- 125.137 Sleeve D2.93 (10un)
- 125.138 Zi Guided Surgery Sleeve, Peek (10 un)
- 125.180 Zi Transmucosal Guided Surgery Sleeve, Peek (10 un)





Capture

Scanbodies

Neodent® scannable solutions can be used for scanning and digitalization of the patient or model providing accuracy in digital workflow.

- 108.207 GM Exact Implant Intraoral Scanbody (intraoral and model)
- 108.222 Zi Implant Scanbody (intraoral and model)
- 108.221 NGM Implant Scanbody (intraoral and model)
- 108.226 HS Implant Scanbody (intraoral and model)
- 108.218 Mini Conical Abutment Scanbody (intraoral and model)
- 108.219 Micro Abutment (intraoral and model)
- 108.220 Abutment (intraoral and model)
- 108.199 CR Abutment Scanbody 4.0x5 (intraoral)
- 108.200 CR Abutment Scanbody 4.5x5 (intraoral)
- 108.143 Universal Abutment 3.3x4 (intraoral)
- 108.144 Universal Abutment 3.3x6 (intraoral)
- 108.145 Universal Abutment 4.5x4 (intraoral)
- 108.146 Universal Abutment 4.5x6 (intraoral)



Hybrid Repositionable Analog

Neodent® Hybrid Repositionable Analogs can be used in prototyped models, produced by 3D printers, or conventional plaster models.



- | | |
|---|---|
| 101.103 GM Hybrid Repositionable Analog 3.5/3.75 | 101.100 Universal Abutment Hybrid Repositionable Analog 4.5X6 |
| 101.089 GM Hybrid Repositionable Analog 4.0/4.3 | 101.101 GM Abutment Hybrid Repositionable Analog |
| 101.090 GM Hybrid Repositionable Analog 5.0/6.0 | 101.080 Hybrid Repositionable Analog Zi Implant |
| 101.091 Micro Abutment Hybrid Repositionable Analog | 101.106 Zi CR Abutment Analog 4.0x5 |
| 101.092 Mini Conical Abutment Hybrid Repositionable Analog | 101.105 Zi CR Abutment Analog 4.5x5 |
| 101.097 Universal Abutment Hybrid Repositionable Analog 3.3X4 | 101.107 NGM Hybrid Analog |
| 101.098 Universal Abutment Hybrid Repositionable Analog 3.3X6 | 101.108 HS Hybrid Analog |
| 101.099 Universal Abutment Hybrid Repositionable Analog 4.5X4 | |



Design & produce

LOCAL MILLING

Custom Abutments

The Custom Abutment is used for milling customized prosthetic components in both in-house digital workflows and Straumann UNIQ.

Medentika

- 135.454 HS Custom Abutment, D11.5, MEDENTIKA Holder
- 135.455 HS Custom Abutment, D15.8, MEDENTIKA Holder
- 135.456 GM Custom Abutment, D11.5, MEDENTIKA Holder
- 135.457 GM Custom Abutment, D15.8, MEDENTIKA Holder
- 135.458 NGM Custom Abutment, D11.5, MEDENTIKA Holder

Pre-milled Abutment Blanks are compatible with the AK-1-ME Abutment Kit Attachment MEDENTIKA from Roland. Refer to the instructions for use at ifu.neodent.br for the complete details of the validated inlab workflow.



Straumann® Signature Midas by SprintRay

Straumann Signature Midas revolutionizes chairside dentistry with fast, simple, and precise 3D printing for single-visit, Tooth Borne restorations. Fully integrated with Straumann SIRIOS™ and the intuitive AXS™ workflow, it works with any intraoral scanner. Paired with the innovative Midas Capsule resin system, capable of handling highly viscous and ceramic-infused materials, this solution offers effortless, high-quality results to help your practice and enhance patient care.



CENTRALIZED MILLING

Straumann UNIQ™

Design using your preferred CAD system and send directly to Straumann® UNIQ for production with direct connectivity from 3Shape, exocad and CARES® Visual. We offer a comprehensive portfolio for a wide range of indications to restore single, multi and edentulous cases compatible with Straumann and most third-party implant platforms. Our design service covers the full portfolio to maximize outsourcing opportunities.



NEW! Angled Screw Channel (ASC)

This solution enables the dentist to tilt the screw channel of the restoration by up to 25°, optimizing the positioning of the screw channel for better esthetics and functionality. The 360° rotation of the screw channel simplifies the placement and torquing process, suitable for using in anterior and posterior areas, eliminating the need for intraoral cementation restorations.



GM Customized Abutment ASC

Abutment: 191.102
Removable Screw: 116.288



GM Narrow Customized Abutment ASC

Abutment: 191.101
Removable Screw: 116.305



Helix™ Short Customized Abutment ASC

Abutment: 191.099
Removable Screw: 116.306

Angled Solution Screwdriver for Torque Wrench
105.150 (Short 16.5 mm)
105.151 (Medium 22.5 mm)
105.152 (Long 28.5 mm)

Angled Solution Screwdriver for Contra-angle
105.147 (Short 20 mm)
105.148 (Medium 26 mm)
105.149 (Long 32 mm)

Note: ASC custom abutments and replacement screws are ordered through the Straumann UNIQ™ service.

*All digitally designed abutments for use with the Custom Abutment Ti with Angled Screw Channel are intended to be sent to Straumann for manufacturing at a validated milling center.

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

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 lubrication tip.

15501



Columbia Retractor

- Available in surgical steel;
- Rounded edges to minimize surgical trauma.

124.003



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



Scapel Handle

- Available in surgical steel;
- For standard scalpel blade use;
- Blade not included.

129.008



Depth Probe

- Available in titanium;
- To probe preparations and analyze depth;
- Millimeter scale for checking during procedures.

129.004



Bivers Handle

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

129.002



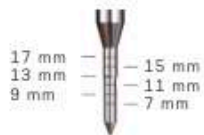
Concave Osteotome



- :: 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
110.325	110.326	110.327	110.328	110.329	110.330
2.0 mm					
110.323					

Convex Osteotome



- :: Available in surgical steel;
- :: Convex active bit;
- :: Used when the bone width is insufficient, demanding bone compression and expansion before placing the implant;
- :: Marks from 7 to 17mm.

1.8 mm	2.5 mm	2.9 mm	3.0 mm	3.5 mm
110.331	110.332	110.324	110.333	110.334

Osteotomes Kit Case

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

110.336



Osteotomes

Concave 2.0
110.323Convex 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.



Ø2.9	Ø3.3	Ø3.5	Ø3.75
103.371	103.051	103.490	103.491
Ø4.1	Ø4.3	Ø5.0	Ø8.0
103.026	103.087	103.027	103.028

Sinus Lift Curette

- :: Available in surgical steel;
- :: Used to displace the Sinus Membrane.



Complement Case

- :: Available in autoclavable polymer;
- :: Used to organize drills and auxiliary 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

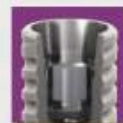
Implant therapy for demanding indications, such as reduced interdental spaces, can raise concerns regarding resistance and biomechanical behavior. Therefore, features of an implant-abutment interface are essential to provide successful long-term functional, stable, and esthetic results.

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).

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]

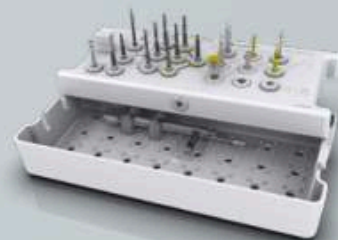


SIMPLICITY FOR TREATMENT PROTOCOLS

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.

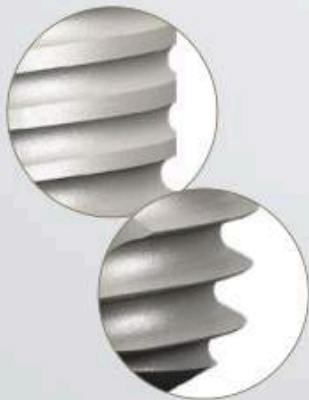
The versatile Neodent® Helix® GM Narrow system combines a Ø2.9mm Helix implant, with a comprehensive prosthetic portfolio to restore cases in limited bone availability and interdental spaces, for immediate esthetic results.

*For immediate load application, the primary stability must be at least 35 N.cm and the patient must present with physiological occlusion.

THE UNBEATABLE VERSATILITY OF HELIX

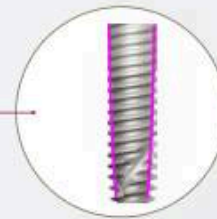
Dynamic progressive thread design

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



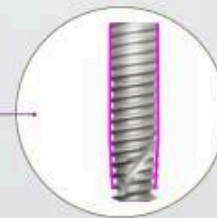
Tapered body design

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



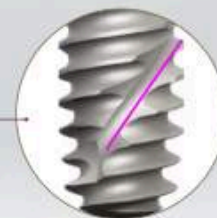
Hybrid contour

- 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

The Helix GM Narrow system was designed to offer clinicians greater levels of treatment flexibility with a comprehensive prosthetic portfolio.

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.



Single-unit screw-retained prosthesis



Single-unit cement-retained prosthesis



Multiple-unit screw-retained prosthesis



Multi-unit cement-retained prosthesis



Temporary



Overdenture



Straumann UNIQ™ workflow availability*

Neodent® Helix® GM Narrow Implant Packaging

Neodent® packaging has been specially updated for easy handling, 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

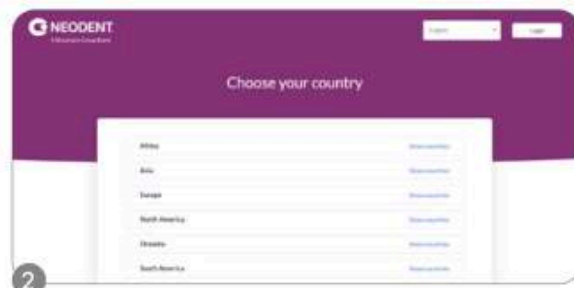
Neodent® innovates once more, providing an on-line platform designed to provide quick and practical use of its own products instructions: the e-IFU (Instructions For Use) website.

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



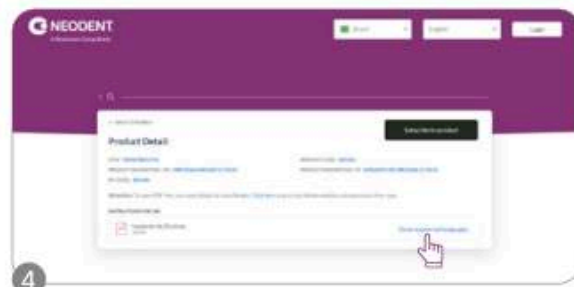
1 To access the IFU website, enter the address above in your browser.



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.

Applications:

- 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	Ø2.0 10 mm	Ø2.0 12 mm	Ø2.0 14 mm	Ø2.9 10 mm	Ø2.9 12 mm	Ø2.9 14 mm	Countersink
	103.586	103.669	103.670	103.671	103.672	103.673	103.674	103.675
10 mm	✓	✓			✓			✓
12 mm	✓		✓			✓		✓
14 mm	✓			✓			✓	✓

*Optional / Bone types I and II 

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

*Optional for bone type III not recommended for bone type IV 

Drill Sequence for guided surgery

										
	Mucosa Punch	Leveling Drill	Initial	Ø2.0 10 mm	Ø2.0 12 mm	Ø2.0 14 mm	Ø2.9 10 mm	Ø2.9 12 mm	Ø2.9 14 mm	Countersink
	103.585	103.667	103.668	103.669	103.670	103.671	103.672	103.673	103.674	103.675
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 

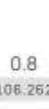
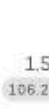
Helix® GM Narrow Implants

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

NGM Cover Screw



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

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



Recommended for anterior region.

Installation Sequence

0.8 mm	1.5 mm	NGM Micro Abutment
115.287	115.288	
2.5 mm	3.5 mm	
115.289	115.290	



Intraoral



Micro Abutment
Scanbody

108.219



Micro Abutment
Hybrid Repositionable
Analog

101.091

or

Neo Micro
Conical
Abutment One
Step Hybrid
Coping



118.381



118.381

GM Micro
Abutment Coping for Crown Digital
Workflow



118.363

Download the DirectFit Screw DME File:
straumann.us/connectivity.

Model Scanning



108.182 108.178

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

108.182 108.178



Micro Abutment
Hybrid Repositionable
Analog

101.091



Micro Abutment
Scanbody

108.219

or

Neo Micro
Conical
Abutment One
Step Hybrid
Coping



118.381

GM Micro
Abutment Coping for Crown Digital
Workflow



118.363

Download the DirectFit Screw DME File:
straumann.us/connectivity.

Conventional



108.182 108.178

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

108.182 108.178

Neo Micro
Abutment
Titanium
Coping



118.297

118.317

Neo Micro
Abutment
Protection
Cylinder



106.267

Bridge 118.297
Crown 118.317

118.297 118.317

or

Neo Micro
Abutment
CoCr Coping



118.296

118.316

Bridge 118.296
Crown 118.316

118.296 118.316

Micro Abutment
Analog

101.091

Hybrid Repositionable
(conventional/digital)

Neo Micro
Abutment
Burn-out
Coping



118.295

118.315

Bridge 118.295
Crown 118.315

118.295 118.315

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

< PREVIOUS



NEXT >

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

1
20 Nm

NGM Exact Click
Universal Abutment

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

OR

1
20 Nm

NGM Exact Click
Universal Abutment 17°

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

Intraoral

4 6

Universal Abutment
Intraoral Scanbody

4 mm	6 mm	Ø3.3
108.143	108.144	

Universal abutment Hybrid
Repositionable analog

4 mm	6 mm	Ø3.3
101.097	101.098	

Milled crown

Conventional

Click Universal
Abutment
Impression Coping

4 mm	6 mm	Ø3.3
108.172	108.173	

Click Universal
Abutment
Provisional Coping

4 mm	6 mm	Ø3.3
118.304	118.305	

Universal Abutment
Hybrid Repositionable
Analog

4 mm	6 mm	Ø3.3
101.097	101.098	

Universal Abutment
Burn-out Coping

4 mm	6 mm	Ø3.3
118.181	118.182	

Drivers

1



Neo
Screwdriver
Torque
Connection



Torque Wrench

Accessories



Replacement
Sterile Screws
116.294 Titanium

NGM Titanium Custom Abutment

NEW
ITEM



Single-unit
screw-
retained
prosthesis



Single-unit
cement-
retained
prosthesis



Multiple-unit
cement-
retained
prosthesis



Medentika
Holder: Ø11.5
AG Holder:
Ø12.0

Screw sold separately.

Installation Sequence

Complete Digital Workflow



Semi Digital Workflow



Drivers



Accessories



Note: NGM Titanium custom abutments and replacement screws are ordered through the Straumann UNI@™ service.

NGM Titanium Base



Single-unit
screw-
retained
prosthesis



Single-unit
cement-
retained
prosthesis



Ø3.5 mm

Customizable up to 4 mm high;

Cementable area: 6.0 or 4.0 mm;

Exact;

Neo Removable screw,



Installation Sequence

Intraoral

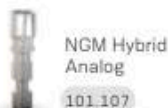


Model Scanning



NGM Implant Exact
Impression Coping
Closed and Open Tray

108.203 Closed Tray
108.204 Exact Open Tray
108.206 Open Tray



Conventional



NGM Implant Exact
Impression Coping
Closed and Open Tray

108.203 Closed Tray
108.204 Exact Open Tray
108.206 Open Tray



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



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.

Channels of customizations:

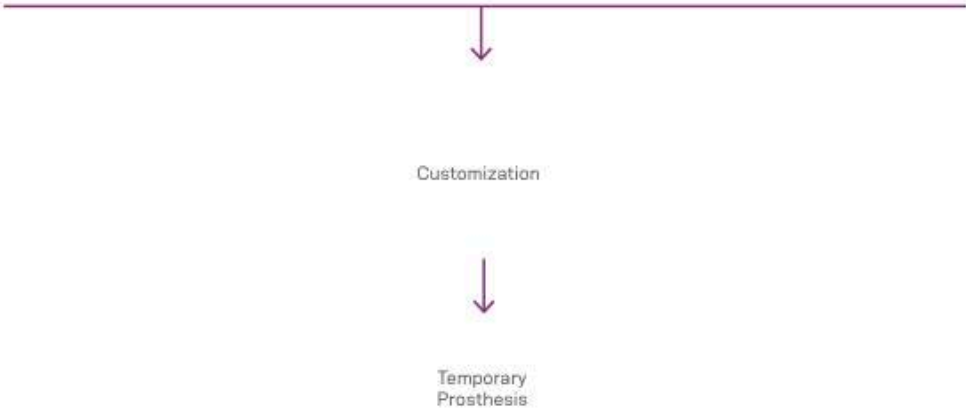
Retention portion height:
10 mm customizable up
to 4 mm;

Exact.

Neo Removable screw;



Installation Sequence



Drivers



Neo
Screwdriver
Torque
Connection

+



Torque Wrench

Accessories



Replacement
Sterile Screws

116.294 Titanium

NGM Attachment TiN*

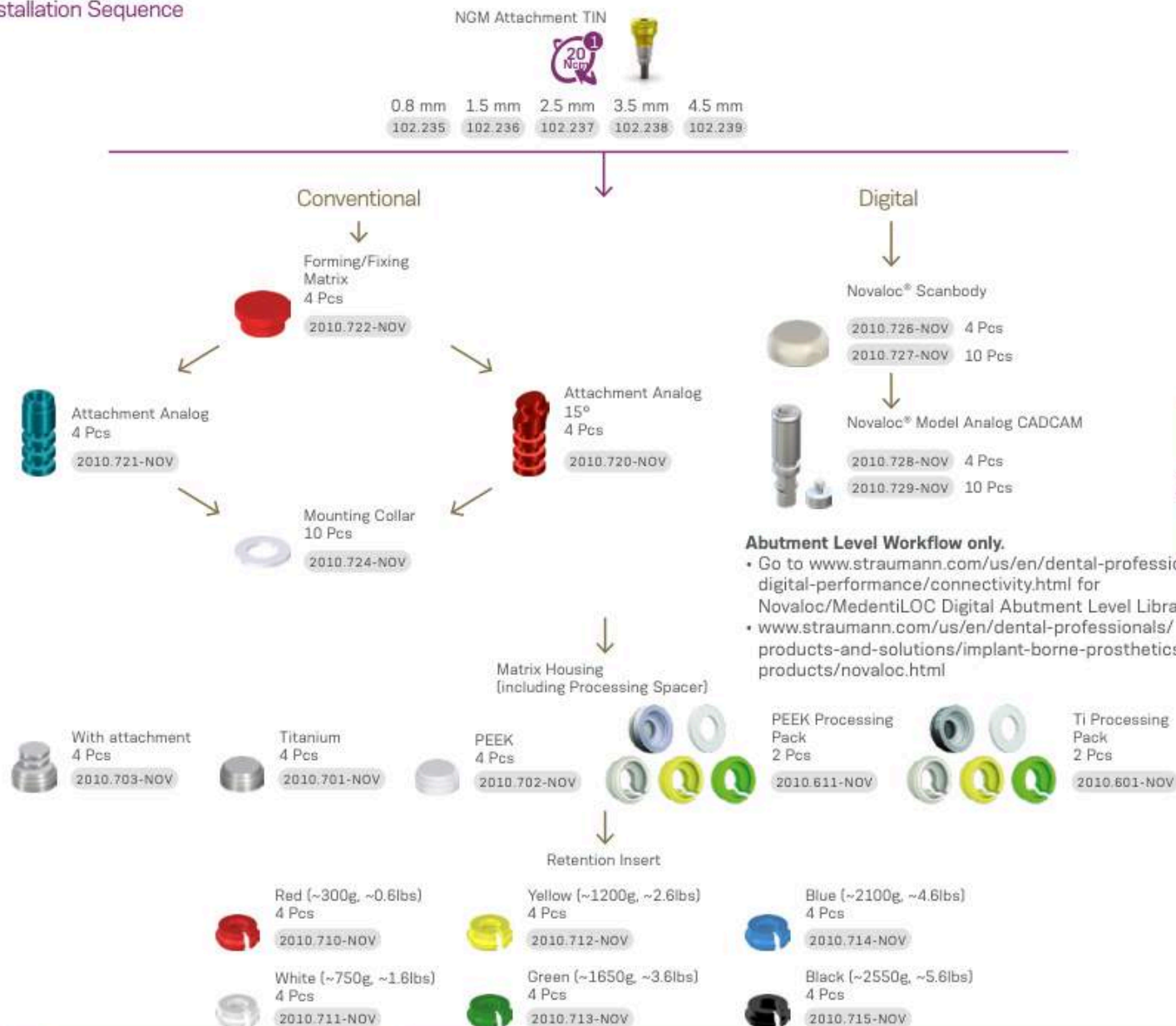


Overdenture

*TiN: Titanium Nitride



Installation Sequence



123

Drivers



Accessories



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 | 103.674 | NGM Drill 2.9x14 mm |
| 103.585 | NGM Guided Surgery Mucosa Punch | 103.675 | NGM Countersink Drill |
| 103.586 | NGM Initial Drill | 104.050 | Torque Wrench |
| 103.667 | NGM Guided Surgery Bone Levelling Drill | 104.060 | Neo Manual Screwdriver (Medium) |
| 103.668 | NGM Guided Surgery Initial Drill | 105.132 | Neo Screwdriver Torque Connection |
| 103.669 | NGM Drill 2.0x10 mm | 105.137 | Hexagonal Prosthetic Driver |
| 103.670 | NGM Drill 2.0x12 mm | 105.165 | NGM Implant Driver For Contra-angle |
| 103.671 | NGM Drill 2.0x14 mm | 105.166 | NGM Implant Driver For Torque Wrench |
| 103.672 | NGM Drill 2.9x10 mm | 128.036 | NGM Height Measurer |
| 103.673 | NGM Drill 2.9x12 mm | 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 Regular
105.181 Extra Long



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	Torque Wrench Long
105.137	105.044	105.009	105.182



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® Helix® Short

EXPLORE NEW LEVELS



A SOLUTION FOR VERTICAL BONE ATROPHY

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



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

The proven versatility of the Helix implant design as a short implant, the Helix Short offers solutions for different bone types.

Features built into its design include:

- Body design for progressive stability;
- Single trapezoidal threads;
- Apically tapered: apex for increased mechanical stability;
- Because every millimeter matters, a wide range of lengths.



THE HELIX SHORT CONNECTION: A STABLE FOUNDATION FOR CHALLENGING REHABILITATIONS

Built upon a new prosthetic platform, the Helix Short connection was designed in conjunction with a transmucosal collar to allow a deep internal connection as a stable foundation for the system - even when using a short implant. Its unique connection, regardless of the implant diameter, provides:

- 1 - Wide cone on top for optimized occlusal forces distribution.
- 2 - Internal indexation for easy handling and precise abutment positioning.

ACQUA HYDROFILIC SURFACES AND TREATMENT PREDICTABILITY¹⁻⁴

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



*For 4 mm and 5.5 mm implants cannot expect immediacy concept.



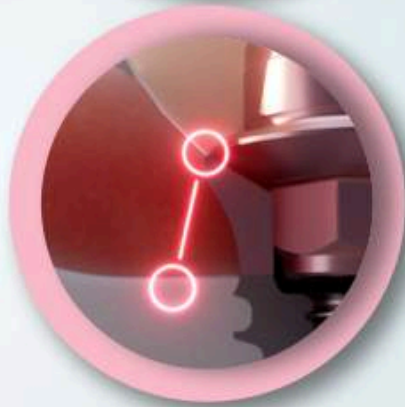
A DESIGN FOR OPTIMIZED SOFT TISSUE MANAGEMENT SEEKING LONG-TERM SUCCESS.^{20,21}

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

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

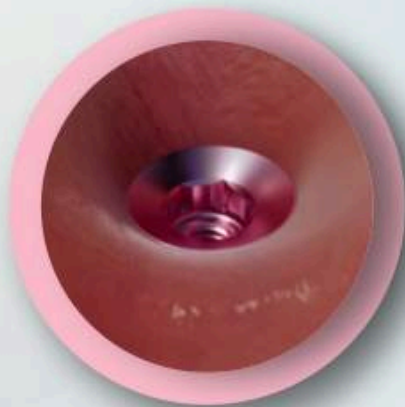


Transmucosal collar: Smooth surface optimized for lower bacterial adhesion.²¹



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

FEATURING SOFT TISSUE MANAGEMENT AND FOR ESTHETIC OUTCOMES.



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



VERSATILE PROSTHETIC RESOLUTIONS AND ANATOMICAL COMPATIBILITY

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



Single-unit*



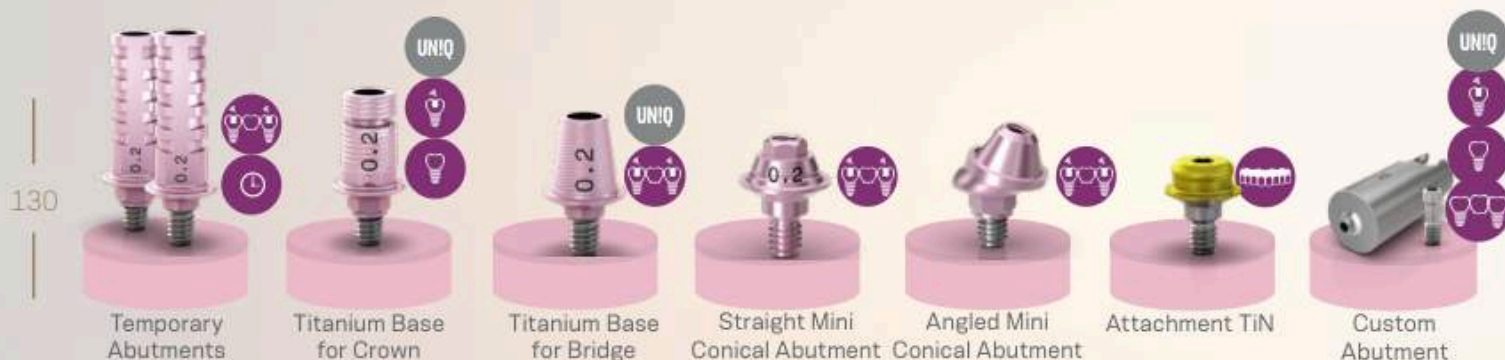
Multi-unit*



Full arch*

MEET YOUR PATIENT EXPECTATION FOR PREVALENT AND CHALLENGING CASES.

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



Single-unit screw-retained prosthesis



Single-unit cement-retained prosthesis



Temporary



Multiple-unit screw-retained prosthesis



Overdenture



Straumann UN!Q workflow availability*

*Implants with a length of 4 and 5.5 mm are contraindicated for single and overdenture rehabilitations, and they are contraindicated for total and multiple restorations when not associated with implants with lengths greater than or equal to 7 mm.

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

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

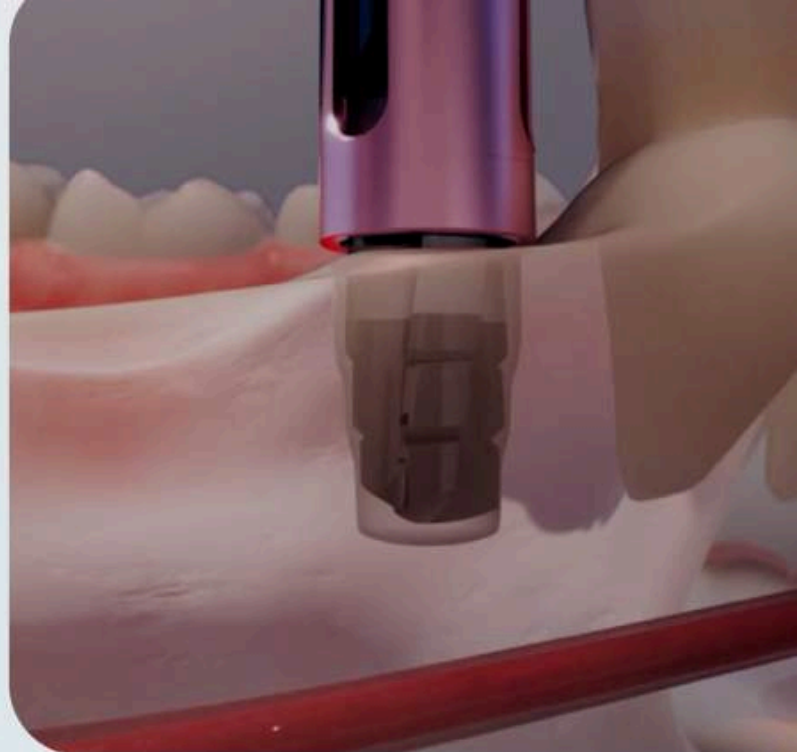
- Milling, printing, or conventional manufacturing that features simplicity in all workflows;
- Prosthetic libraries available for the main CAD/CAM systems.





MORE PREDICTABILITY FOR CHALLENGING SURGICAL PROCEDURES

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



BUILD CONFIDENCE DURING DRILLING BY GAINING MORE PREDICTABLE DEPTH CONTROL.

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

131



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

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

Neodent® Helix® Short Implant packaging and placement

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

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



Instructions on opening the implant package



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

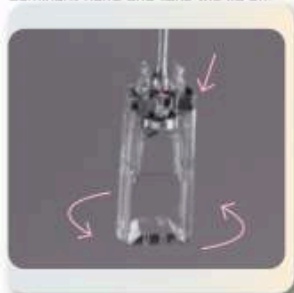
Note: the clear tube and implant must be handled with a sterile surgical glove, in a surgical environment. Hold the bottle using the non-dominant hand and take the lid off.



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



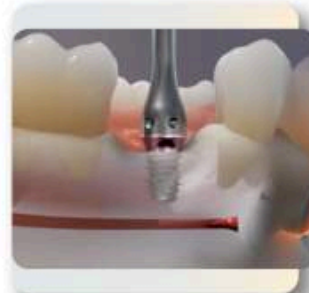
3. Using the non-dominant hand, press the sides of the internal support promoting a "pincer effect" and immobilizing the implant. Keep the support pressed and remove the lid.



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



5. Take the implant to the surgical cavity.



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

e-IFU – Electronic Instructions For Use

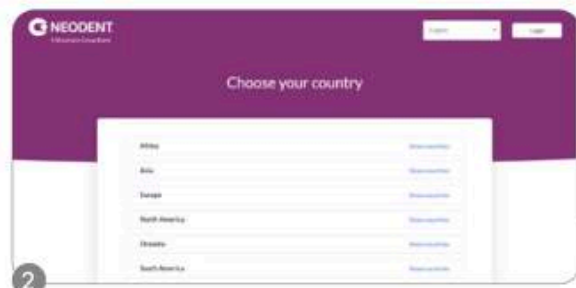
Neodent® innovates once more, providing an on-line platform designed to provide quick and practical use of its own products instructions: the e-IFU (Instructions For Use) website.

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



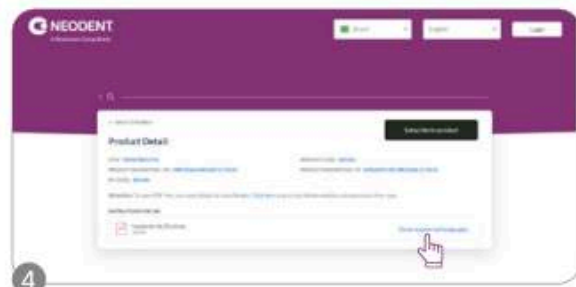
To access the IFU website, enter the address above in your browser.



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.

Helix[®] Short

PRODUCT CHARACTERISTICS:

Description of the implant:

- Body design for progressive stability;
- Tapered apex;
- Trapezoidal threads;
- Helix Short interface;
- Transmucosal collar with 1.8mm in all lengths options

Applications:

The Neodent Implant System is recommended for surgical procedures on maxilla or mandible bones. It provides support for prosthetic components such as artificial teeth, thus restoring the chewing function.

- 6.0 and 7.0 mm diameter implants are indicated for type IV bones
- 6 and 7 mm diameter, 7 and 8.5 mm length implants in type I/II bones are indicated for post-extraction only
- It may be used with single stage or two-stage procedures, for single or multiple unit restorations, and may be loaded immediately when good primary stability is achieved and with appropriate occlusal loading.

Osteotomy:

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

Available in:



Drill Sequence

													
	103.621	103.597	103.607	103.608	103.598	103.599	103.600	103.601	103.602	103.603	103.604	103.605	103.606
Ø3.75 mm	✓*	✓	✓	✓									✓*
Ø4.0 mm	✓*	✓	✓*		✓	✓							✓*
Ø5.0 mm	✓*	✓	✓*		✓		✓	✓					✓*
Ø6.0 mm	✓*	✓	✓*		✓		✓		✓	✓			
Ø7.0 mm	✓*	✓	✓*		✓		✓		✓		✓	✓	
*Optional/Bone types I and II 													
Ø3.75 mm	✓*	✓	✓										
Ø4.0 mm	✓*	✓	✓*		✓								
Ø5.0 mm	✓*	✓	✓*		✓		✓						
Ø6.0 mm	✓*	✓	✓*		✓		✓		✓				
Ø7.0 mm	✓*	✓	✓*		✓		✓		✓		✓		
*Optional/Bone types III and IV 													

Helix® Short GM Implants

	4.0 mm	5.5 mm	7.0 mm	8.5 mm
Ø3.75				
Acqua	140.1082	140.1083	140.1084	140.1085
Ø5.0				
Acqua	140.1070	140.1071	140.1072	140.1073
Ø4.0				
Acqua	140.1066	140.1067	140.1068	140.1069
Ø6.0				
Acqua	140.1074	140.1075	140.1076	140.1077
Ø7.0				
Acqua	140.1078	140.1079	140.1080	140.1081

HS Cover Screw



117.025

- Use the manual Neo Screwdriver [104.060];
- Do not exceed the insertion torque of 10Ncm.

HS Healing Abutments



106.270 1.5 / 2.5

106.273 1.5 / 2.5 / 3.5 / 4.5 / 5.5

- Use the manual Neo Screwdriver [104.060];
- Do not exceed the insertion torque of 10Ncm.

< PREVIOUS



NEXT >

HS Exact Titanium Base



Single-unit
screw-retained
prosthesis
(crown)



Single-unit
cement-retained
prosthesis
(crown)



Ø4.5 mm

Customizable up to 4 mm high;
Cementable Height: 4.0 and 6.0 mm;
Exact;
Neo Removable Screw.



Installation Sequence

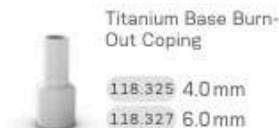
Intraoral



Model Scanning



Conventional



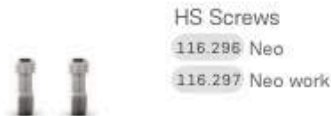
HS Exact Titanium Base



Drivers



Accessories



< PREVIOUS



NEXT >

HS Titanium Base for Bridge



Multi-unit
screw-
retained
prosthesis



Multi-unit
cement-
retained
prosthesis



Ø4.8 mm

Cementable Area: 4.5mm;

With internal threads for
a secure engagement
of the screw;

Neo Removable Screw.



Installation Sequence

Intraoral



Model Scanning



HS Titanium Base for Bridge



Drivers



Neo
Screwdriver
Torque
Connection



Torque Wrench



Neo
Screwdriver
Torque
Connection



Manual Screwdriver for
Torque Connection

Accessories



HS Screws

116.296 Neo

116.297 Neo work

HS Titanium Temporary Abutment

Consider a further 1.5 to 2.0 mm of restorative material;



Temporary
single-unit
screw-retained
prosthesis



Temporary
multi-unit
cement-retained
prosthesis



Ø4.8 mm

Customizable area in titanium.

A minimum height of 4 mm of the customizable area must be kept.

With retention slots for acrylic material, allowing customization.

Channels of personalization;

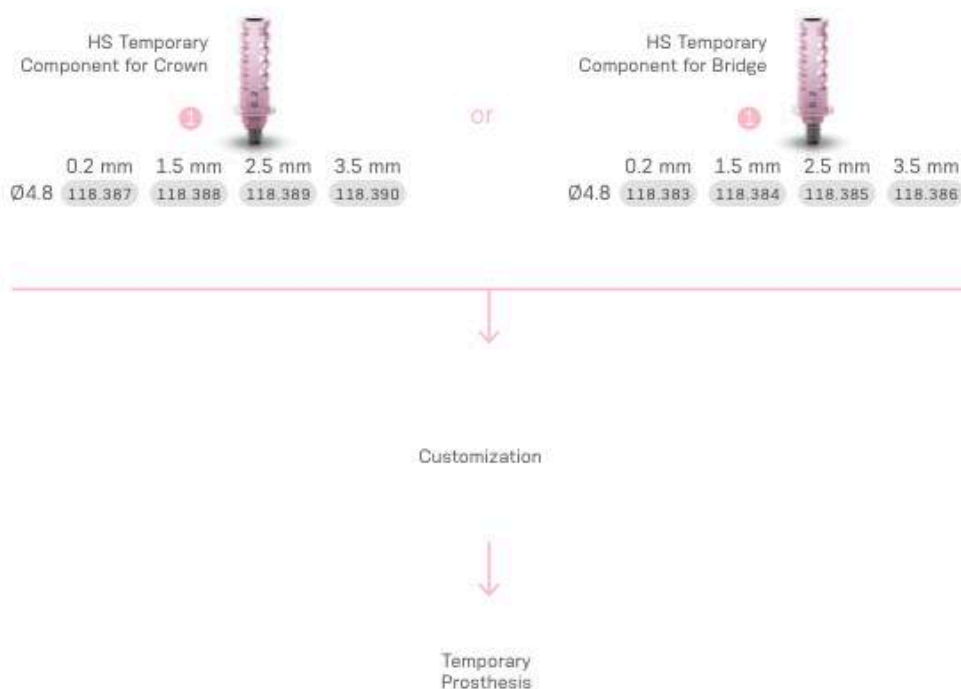
Interocclusal height of 10
mm (customizable by up to
4.0 mm);

Exact;

Removable screw.



Installation Sequence



Drivers



Torque Wrench

Accessories



HS Screws

116.296 Neo

116.297 Neo work

< PREVIOUS



NEXT >

HS Titanium Custom Abutment

NEW
ITEM



Single-unit
screw-retained
prosthesis
(crown)



Single-unit
cement-retained
prosthesis
(crown)



Multiple-unit
cement-
retained
prosthesis



Medentika
Holder: Ø11.5
and Ø15.8
AG Holder:
Ø12.0

Screw sold separately.



Installation Sequence

Complete Digital Workflow



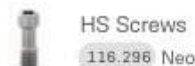
Semi Digital Workflow



Drivers



Accessories



HS TIN Attachment



Overdenture

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



Installation Sequence

HS TIN Attachment



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

Conventional

Digital

Forming/Fixing
Matrix
4 Pcs
2010.722-NOV

Novaloc® Scanbody

2010.726-NOV 4 Pcs
2010.727-NOV 10 Pcs

Novaloc® Model Analog CAD/CAM

2010.728-NOV 4 Pcs
2010.729-NOV 10 Pcs

Attachment Analog
4 Pcs
2010.721-NOV

Attachment Analog
15°
4 Pcs
2010.720-NOV

Mounting Collar
10 Pcs
2010.724-NOV

Abutment Level Workflow only.

- Go to www.straumann.com/us/en/dental-professionals/digital-performance/connectivity.html for Novaloc/MedentiLOC Digital Abutment Level Library
- www.straumann.com/us/en/dental-professionals/products-and-solutions/implant-borne-prosthetics/products/novaloc.html

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

Accessories



Helix[®]

Short Kit

Surgical Kit Helix® Short

Autoclavable polymer case.

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



Articles

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

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

Instruments

Helix[®] Short



Twist Drill

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

103.621



Tapered Drill

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

Ø2.7	103.597	Ø5.0+	103.601
Ø3.75	103.607	Ø6.0	103.602
Ø3.75+	103.608	Ø6.0+	103.603
Ø4.0	103.598	Ø7.0	103.604
Ø4.0+	103.599	Ø7.0+	103.605
Ø5.0	103.600		



HS Bone Profile Drill

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

103.606



Drill Extender

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

103.426



Physical Stops for Helix Short Drills

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

125.181	Physical Stop 4.0 for drills Ø2.0 / 2.7 / 3.75 / 4.0
125.182	Physical Stop 5.5 for drills Ø2.0 / 2.7 / 3.75 / 4.0
125.183	Physical Stop 7.0 for drills Ø2.0 / 2.7 / 3.75 / 4.0
125.184	Physical Stop 8.5 for drills Ø2.0 / 2.7 / 3.75 / 4.0
125.185	Physical Stop 4.0 for drill Ø5.0
125.186	Physical Stop 5.5 for drill Ø5.0
125.187	Physical Stop 7.0 for drill Ø5.0
125.188	Physical Stop 8.5 for drill Ø5.0
125.189	Physical Stop 4.0 for drill Ø6.0 / 7.0
125.190	Physical Stop 5.5 for drill Ø6.0 / 7.0
125.191	Physical Stop 7.0 for drill Ø6.0 / 7.0
125.192	Physical Stop 8.5 for drill Ø6.0 / 7.0



HS Direction Indicator / X-Ray Positioner

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

128.039



HS Angle Measurer 17°

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

128.037



HS Height Measurer

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

128.038



Neo Screwdriver Torque Connection

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

104.060 Neo Manual Screwdriver (medium)

105.132 Neo Screwdriver Torque Connection (medium) - Ratchet



Hexagonal Prosthetic Driver

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

105.137 Torque wrench

105.044 Torque Wrench short

105.009 Torque Wrench Regular with Screw

105.182 Torque Wrench Long



Support for Helix Short Physical Stops Kit

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

110.319

Torque Wrench



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

104.050

HS Implant Driver for Torque Wrench



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

105.154 Short

105.155 Regular

HS Implant Driver for Contra-Angle



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

105.153





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.



Ø3.75 mm



10.0 mm
11.5 mm
13 mm

Indicated for incisors and canines.



Ø4.3 mm



10.0 mm
11.5 mm
13 mm

Indicated for incisors and canines*.



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. Additionally, it improves the zirconia performance by optimizing the force distribution along the internal connection.



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.

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



A new **stability mindset**

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

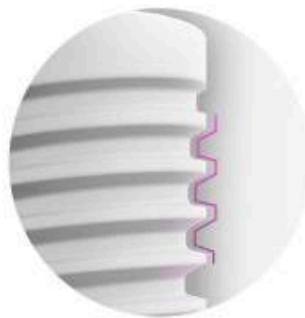
ZILOCK® CONNECTION

ZiLock® is a ceramic internal connection with 6 rounded lobes. This indexation results in a precise abutment positioning, protecting against rotation. Designed with a longer screw which provides a secure engagement between the ceramic implant and the ceramic abutment.



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.



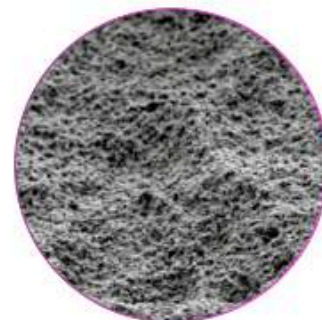
Double trapezoidal thread design.



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, that provides a natural looking outcome, thanks to its white color.

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 a natural looking restoration.



HEALING ABUTMENT

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



CONVENTIONAL WORKFLOW

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



DIGITAL WORKFLOW

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

Zi Implant

PRODUCT FEATURES:

Implants Description:

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

Applications:

- 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

							
	103.170	103.683 L10 L11.5 103.684 L13 103.685	103.686 L10 L11.5 103.687 L13 103.688	103.689 L10 L11.5 103.690 L13 103.691	103.692 L10 L11.5 103.693 L13 103.694	111.053	111.052
Ø3.75 mm	✓*	✓	✓	✓		✓	
Ø4.3 mm	✓*	✓	✓	✓	✓		✓
Ø3.75 mm	✓*	✓	✓	✓			
Ø4.3 mm	✓*	✓	✓	✓	✓		
Ø3.75 mm	✓*	✓	✓				
Ø4.3 mm	✓*	✓	✓	✓			

*Optional

 Bone types I and II

 Bone type II

 Bone type IV

Drill Sequence for guided surgery

											
	103.695	103.696	103.680	103.681	103.682	103.683 L11.5 103.684 L13 103.685	103.686 L11.5 103.687 L13 103.688	103.689 L11.5 103.690 L13 103.691	103.692 L11.5 103.693 L13 103.694	111.053	111.052
Ø3.75 mm	✓*		✓*		✓	✓	✓	✓		✓	
Ø4.3 mm		✓*		✓*	✓	✓	✓	✓	✓		✓
Ø3.75 mm	✓*		✓*		✓	✓	✓	✓			
Ø4.3 mm		✓*		✓*	✓	✓	✓	✓	✓		
Ø3.75 mm	✓*		✓*		✓	✓	✓				
Ø4.3 mm		✓*		✓*	✓	✓	✓	✓			

*Optional

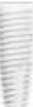
 Bone types I and II

 Bone type III

 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.

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		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 Nm.

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 Nm.

< PREVIOUS



NEXT >

Neodent Zi Implant Packaging

Neodent® packaging has been specially updated for easy handling, 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

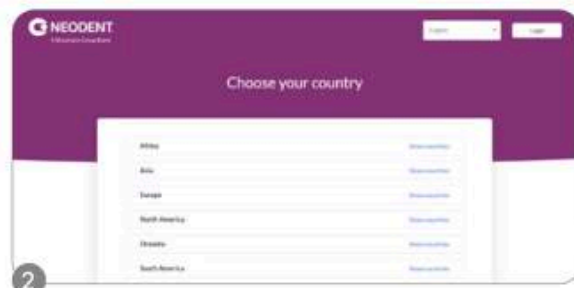
Neodent® innovates once more, providing an on-line platform designed to provide quick and practical use of its own products instructions: the e-IFU (Instructions For Use) website.

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



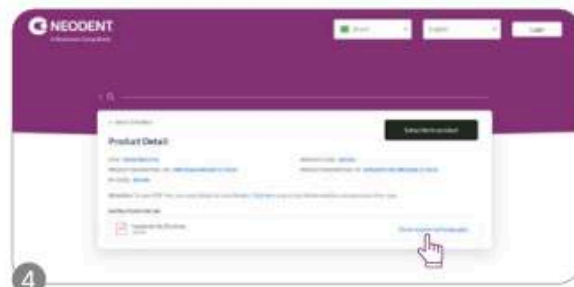
To access the IFU website, enter the address above in your browser.



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.

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

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

Peek CR Abutment



10

Ncm

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

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

Drivers

1



Neo Screwdriver Torque Connection

+



Torque Wrench

156

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

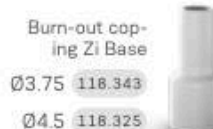
Intraoral scanning



Model Scanning



Conventional



	1.5 mm	2.5 mm	3.5 mm	4.5 mm	Zi Base
Ø3.75	135.254	135.255	135.440	135.441	1
Ø4.5	135.256	135.257	135.442	135.443	2

Drivers



Accessories



< PREVIOUS



NEXT >

Zi CR Abutment



Single-unit
cement-
retained
prosthesis



Ø4.0/4.5 mm

Neo screwdriver connection;
Chimney height: 5.0 mm;
Gingival height: 1.5, 2.5, 3.5 & 4.5 mm;
Gingival height: 1.5, 2.5 & 3.5 mm;
ZiLock® Connection;
Removable screw.



Installation Sequence

	1.5 mm	2.5 mm	3.5 mm	4.5 mm	Zi CR Abutment Straight
Ø4.0	114.854	114.855	114.916	114.917	32 Nm
Ø4.5	114.856	114.857	114.918	114.919	

	1.5 mm	2.5 mm	3.5 mm	Zi CR Abutment Angulated 17°
Ø4.0	114.858	114.859	114.920	32 Nm
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

Zi Base Bridge

(centralized production)*



Multiple-unit
screw-retained
prosthesis



4,5 mm

Neo screwdriver connection;
Height: 4.0 mm;
Gingival height: 1.5/ 2.5/ 3.5 mm;
Removable screw.



Installation Sequence

Intraoral scanning



*The Zirconia Base for Bridge may be used for cement or screw-retained multi-unit custom-made prosthetic restorations. All digitally designed restorations to be used with the Neodent Zirconia Base Abutment System are intended to be sent to Straumann for manufacture at a validated milling center.

Drivers



Accessories



< 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.*



The Neodent® Zi Implant System offers a guided surgery technique.



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



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

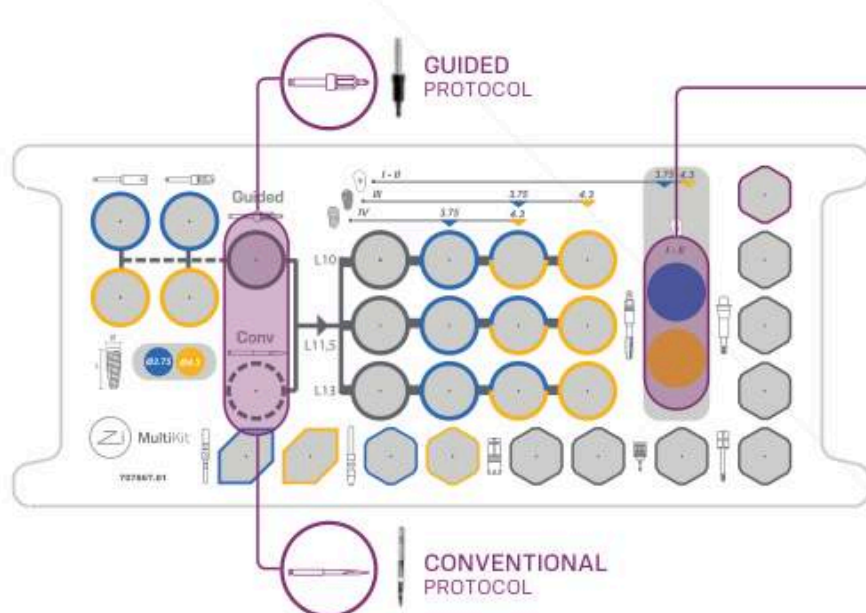
User-friendly color-coded system
according to implant diameter.

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.



GUIDED
PROTOCOL

CONVENTIONAL
PROTOCOL



13.0 mm
11.5 mm
10.0 mm



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

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	Conventional
103.682	Guided

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

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) Ø3.75/4.3X11.5
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

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

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



Zi Mucosa Punches

- To remove the mucosa before beginning the osteotomy.

Ø3.75	Ø4.3
103.695	103.696



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



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;

105.175

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

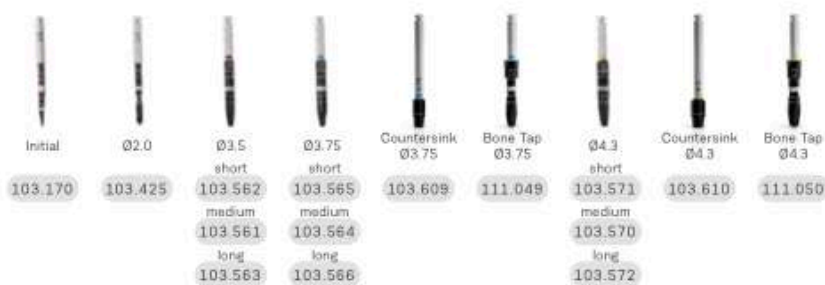
Torque Wrench

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



104.050

Replacement items for Zi Conventional Kit



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

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

Orthodontic Anchorage

PRODUCT FEATURES:

- Available in Titanium alloy as per ASTM-F136 (V);
- Self-perforating;
- Collar height;
- - Low: 0 mm;
- - Medium: 1 mm.
- Hole diameter: 0.7 mm;
- Hex diameter: 2.7mm.

Applications:

- Implants for orthodontic movement.

Drilling features:

- Rotation between 80 and 100 rpm under abundant irrigation
- In the surgical motor, use maximum torque of 10 N.cm and rotation of 30 rpm
- The maximum installation torque suggested is 10 N.cm.



	Low Collar				Medium Collar			
	5 mm	7 mm	9 mm	11 mm	5 mm	7 mm	9 mm	11 mm
Ø1.3								
		109.484	109.485	109.486		109.487	109.488	109.489
Ø1.6								
	109.701	109.493	109.494	109.495	109.702	109.496	109.497	109.498



Orthodontic Anchorage Implant Package.



Remove the cap to access the implant.



Implant capture with Orthodontic Anchorage Contra-Angle Connection.



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



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



Implant placed.

Instruments

- 103.044 Handle Anchorage Implant Driver, Stainless Steel
- 103.079 Punch for Orthodontic Anchorage, Stainless Steel
- 105.040 Bone Grafting/Anchorage Drill, Stainless Steel, 1.1 mm
- 105.025 Manual Implant Driver - Contra-Angle, Stainless Steel

- 104.028 Bone Grafting/Anchorage Drill, Stainless Steel, 1.3 mm
- 104.033 Torque Wrench Adaptor Connections Contra Angle, Stainless Steel
- 103.207 Anchorage Implant Driver - Torque Wrench (Short), Stainless Steel

Bone Grafting

PRODUCT FEATURES:

- Available in Titanium alloy as per standard ASTM F136 per IFU 330.108.13
- Self-perforating.

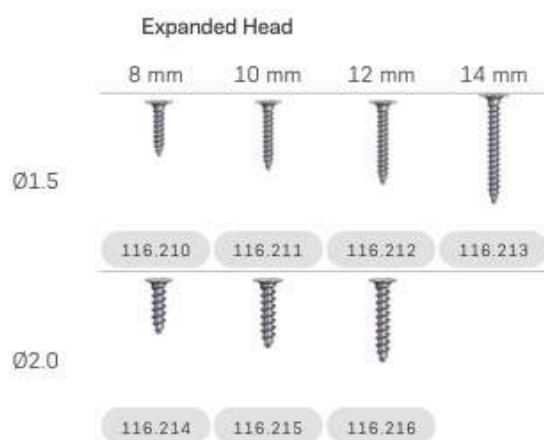
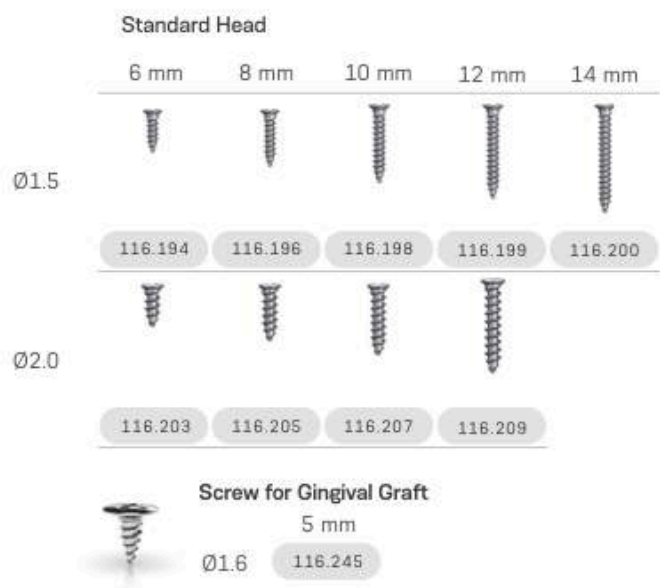
Applications:

- Fixation of bone block graft.



Ø1.5 mm	Ø3.70 mm	Ø2.5 mm
Ø2.0 mm	Ø3.85 mm	Ø3.0 mm





Bone Grafting and Orthodontic Anchorage Kit

Autoclavable polymer case.

The Kit features three compositions:

- Complete.
- Bone Grafting.
- Anchorage.



Articles

110.263	Bone Grafting and Orthodontic Anchorage Kit Case	• • •
104.018	Bone Grafting Manual Driver	• •
105.063	Philips Connection for Manual Driver	• •
105.023	Philips Connection for Contra-Angle	• •
103.045	Drill 1.6 for Contra-Angle	• •
103.079	Drill 1.3 for Contra-Angle	• • •
103.044	Drill 1.1 for Contra-Angle	• • •
103.043	Drill 1.6 for Straight Piece	• •

103.078	Drill 1.3 for Straight Piece	• • •
103.042	Drill 1.1 for Straight Piece	• • •
103.071	Punch for Bone Grafting/Orthodontic Anchorage	• •
104.033	Orthodontic Anchorage Implant Driver	• •
105.039	Anchorage Implant Driver Contra-Angle Connection - Long	• •
105.040	Anchorage Implant Driver Contra-Angle Connection - Short	• •
105.025	Torque Wrench Adaptor for Contra-Angle Connections	• •

Note: Items that compose Neodent Kits are sold separately.

< PREVIOUS



NEXT >



Drills for Orthodontic Anchorage

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

Ø1.1	Ø1.3	Ø1.6	
103.042	103.078	103.043	Straight Piece
103.044	103.079	103.045	Contra-Angle



Orthodontic Anchorage Implant Driver

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

104.033

172



Punch for Bone Grafting/Orthodontic Anchorage

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

103.071



Bone Grafting Manual Driver

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

104.018



Orthodontic Anchorage Adaptor Connections

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

Short	Long	Wrench
105.040	105.039	105.025



Philips Driver

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

Manual Driver	Contra-Angle
105.063	105.023



< PREVIOUS



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Everything you need for GBR

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► Neodent® AlloGraft

Bone substitute: Processed human allograft

Neodent AlloGraft is an established and reliable alternative to autologous bone. AlloGraft is processed by LifeNet Health®, the worldwide leading tissue bank and organ procurement organization. It's the trusted bone regeneration solution most similar to a patient's own bone that provides a strong start and greater confidence for you and your patients.

Manufactured by: LifeNet Health



► Membrane Flex™

Porcine collagen membrane

Membrane Flex provides flexibility and strength in an easy-to-handle, easy-to-suture barrier for soft tissue support and graft containment. It can be placed dry or hydrated, and can be easily repositioned for precise placement.

Manufactured by: Collagen Matrix, Inc.



► Straumann SocketPlug

SocketPlug offers clinicians a quick and simple way to support socket preservation in cases where traditional bone grafting is not an ideal treatment plan



175

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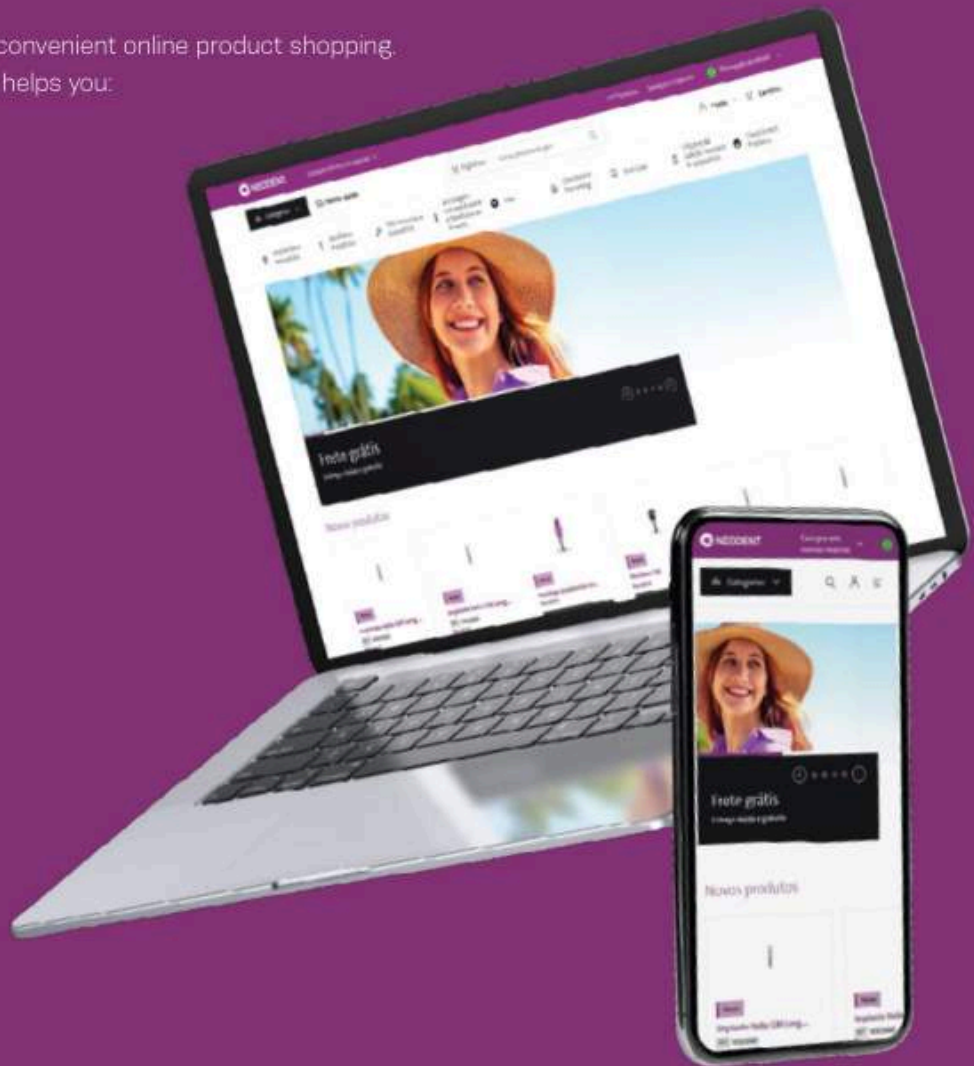
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178

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www.neodent.us www.neodent.ca



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

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