

# The **GM** Implant



*THE GRAND MORSE*

Helix GM



# NEODENT® GRAND MORSE IMPLANT SYSTEM

GREATNESS IS AN ACHIEVEMENT.

The Neodent® Grand Morse Implant System is the achievement of more than 25 years of experience in implant dentistry, and shared experiences with many clinicians worldwide. Continuing with a unique purpose to always deliver high quality treatment options that changes patients' lives, the Grand Morse Implant System is the Neodent® evolution. Anchor within our philosophy of respecting mechanical and biological principles, this makes it THE implant of choice in dental implant therapy.

 +250  
studies

 + 25  
years  
history

 2<sup>nd</sup>  
largest dental implant  
company worldwide


The Grand Morse implant system was developed based on the inside out concept, starting from the core of the implant: the prosthetic interface. The result is a solution that combines mechanical strength and versatile prosthetic solutions - from unitary to multiple and from conventional to digital. A complete system that offers several benefits designed to make your work even more efficient.



003


**GRAND RELIABILITY**

Stable and strong foundation designed for long term success




**GRAND STABILITY**

Designed for predictable immediate treatments in all bone types.




**GRAND ESTHETICS**

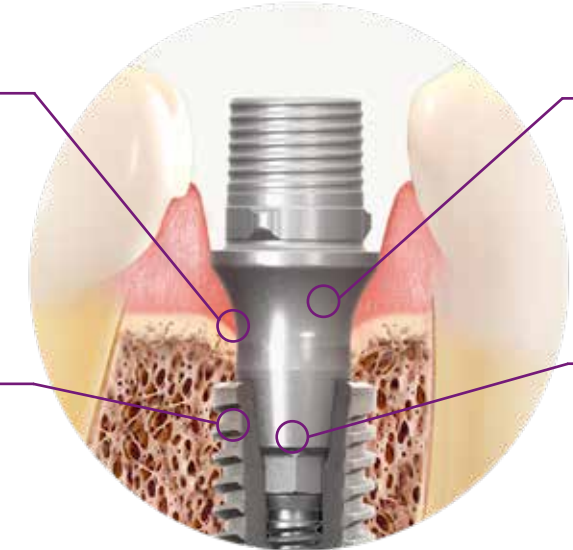
Delivers immediate natural esthetics.



**GRAND SIMPLICITY**

Ease of use at its best.









# GRAND RELIABILITY

## Stable and strong designed for long term success.

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



①

### Internal Indexation

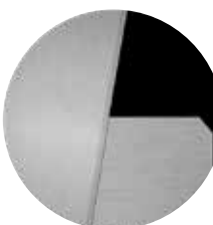
Precise abutment positioning, protection against rotation and easy handling.



②

### Platform Switching

Abutment design with a narrower diameter than the implant coronal area, enabling the platform switching concept.<sup>(5-9)</sup>



③

### Deep Connection

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



④

### 16° Morse Taper connection

Designed to ensure tight fit for an optimal connection sealing.



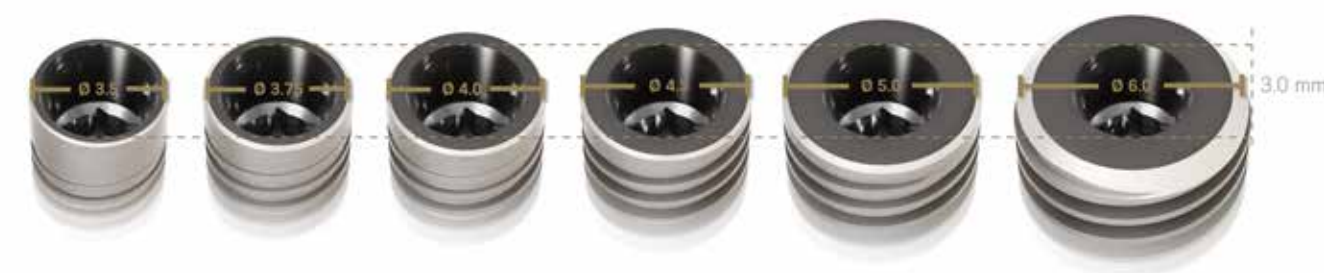
# GRAND SIMPLICITY

## Ease of use at its best.

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

### ONE PROSTHETIC PLATFORM

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



### ONE SCREWDRIVER

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



### ONE SURGICAL KIT

All Neodent® Grand Morse implants can be placed using the intuitive, and functional surgical kit.



### ONE IMPLANT DRIVER

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



## Deliver immediate natural 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.

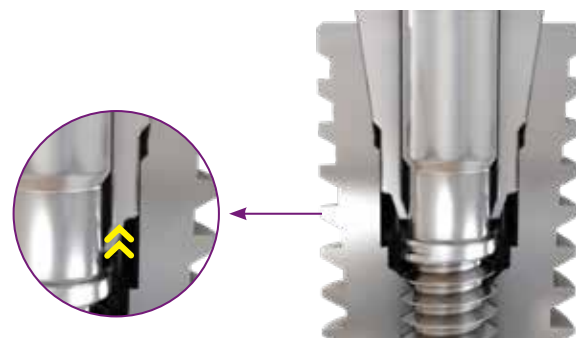
### NEXT LEVEL OF IMMEDIATE FIXED FULL-ARCH TREATMENT

The new Neodent® Grand Morse Mini Conical abutment has been designed to improve fixed full-arch treatment by optimizing the abutment emergence profile reducing the need of invasive procedures.



### PEACE OF MIND WITH THE UNLOCKING FEATURE

Neodent® has developed a unique feature allowing a simple and reliable abutment removal for a user friendly experience.



## Digitally friendly. From root to tooth.

Neodent Digital solutions offer modern and reliable treatment options for the digital workflow. Through a dedicated digital portfolio it is possible to plan your surgical cases, perform guided surgeries and have customized prosthetic restorations. Digital, from root to tooth:

- Intra-oral scanbodies for precise digitalization.
- Sharply designed implant libraries available in the majority of surgical planning softwares.
- Optimized surgical instruments and sleeves tailored to your portfolio preferences.
- Titanium bases and titanium blanks for fully customized prosthetic restorations.

Intra-oral scanbody >> coDiagnostiX® or other widely available softwares >> Neodent Guided Surgery >> Customized Prosthetic Restorations

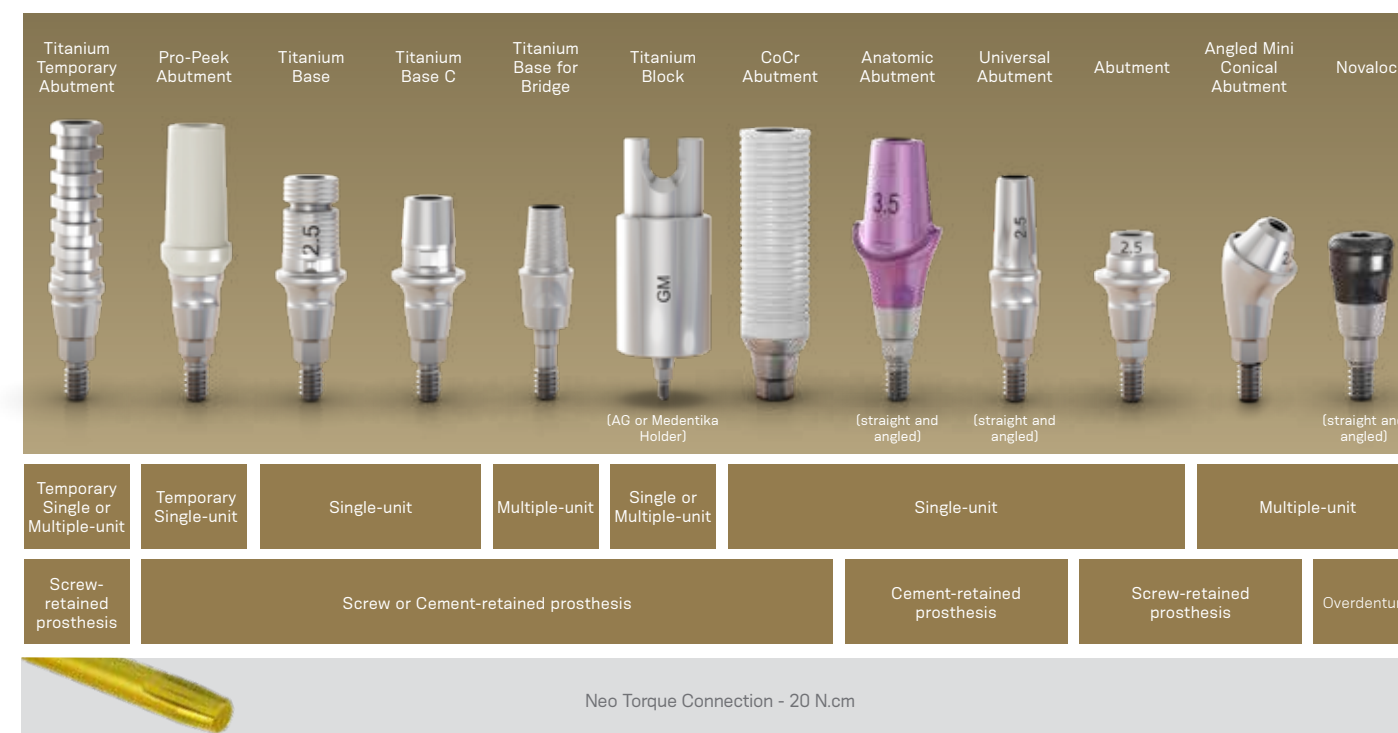


## Grand Morse® Abutments

### COMPREHENSIVE PROSTHETIC PORTFOLIO FOR OPTIMIZED ESTHETIC RESULTS

The Neodent® Grand Morse implant system has a wide range of restorative options covering:

- All indications: single to edentulous
- All treatment protocols: immediate to delayed loading
- All workflows: conventional to digital.





# Innovative and ease to use

## Neodent® Packaging

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



### Package instruction of use



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



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



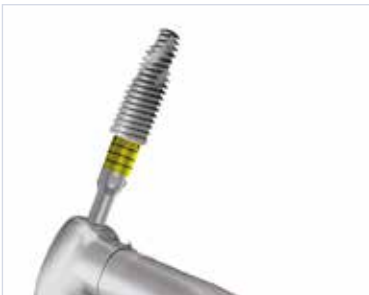
To secure the implant, grip both sides of the implant carrier.



While gripping the implant carrier, remove the lid.



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



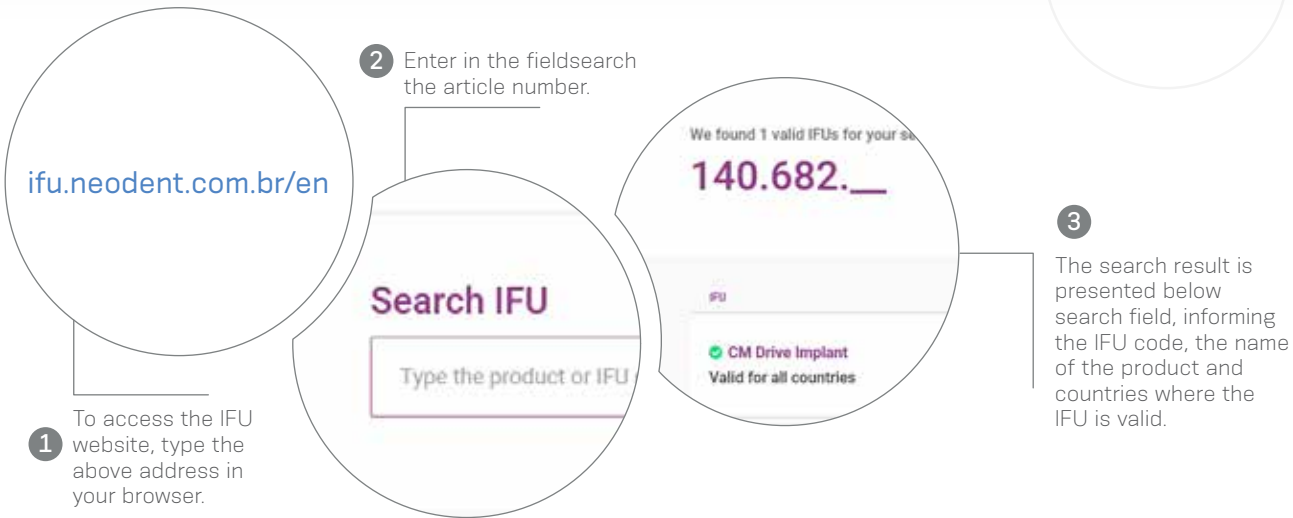
The implant can now be transported to the surgical site.

## e-IFU – Electronic Instructions For Use

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

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

Access: [ifu.neodent.com.br/en](http://ifu.neodent.com.br/en)



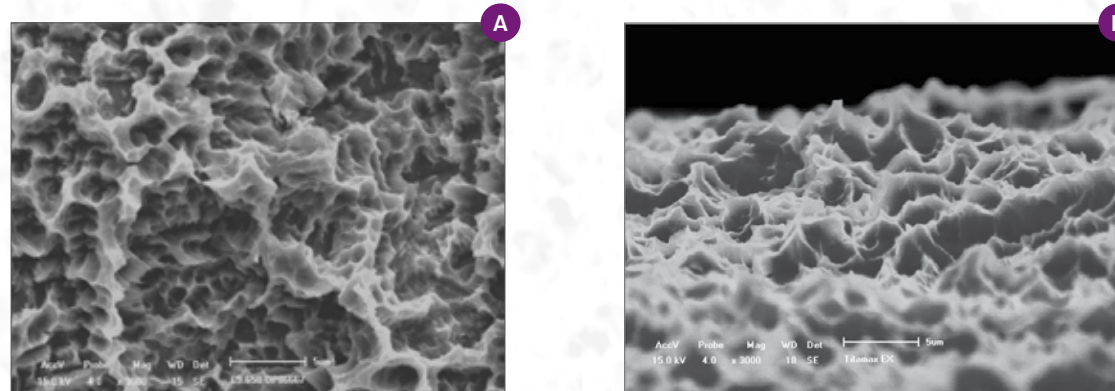
# NeoPoros

## Constant evolution and safety guarantee.

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

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

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



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

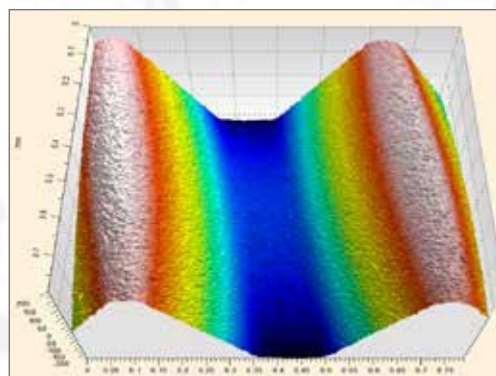


Image taken by confocal microscopy.  
Roughness and Microtopography.  
(Sa= 1,4 - 1,8 µm; Sz= 15 µm).

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.<sup>(1-4)</sup>

### Hydrophilicity

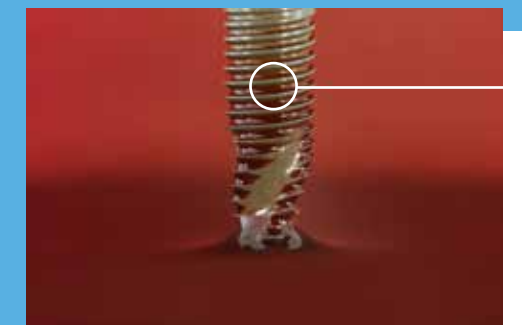
The hydrophilic surface presents a smaller contact angle when in contact with hydrophilic liquids. This provides greater accessibility of organic fluids to Acqua implant surface.<sup>(2)</sup>

### Surface comparison

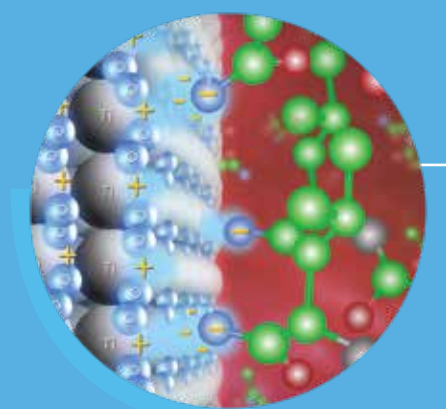
Lab generated images.



NeoPoros surface.



Acqua Hydrophilic  
Surface.



Acqua Surface interaction (electropositive)  
with blood electronegative).



## GRAND STABILITY

### STABLE AND STRONG FOUNDATION DESIGNED FOR LONG TERM SUCCESS

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

### HELIX® - OPTIMAL IMPLANT DESIGNED TO ACHIEVE HIGH PRIMARY STABILITY

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

#### Fully tapered body design

- Coronal: 2° - 12°
- Apex: 16°
- » Allowing under-osteotomy



#### Hybrid contour

- Coronal: Cylindrical
- Apex: Conical
- » For stability with vertical placement flexibility



#### Active apex

- Soft rounded small tip
- Helical flutes
- » Enabling immediate loading



#### Dynamic progressive thread design

- Coronal: Trapezoidal > compressing
- Apex: V-Shape > Self-tapping
- » Achieving high primary stability in all bone types



#### Acqua hydrophilic surface

Designed for high treatment predictability

acqua

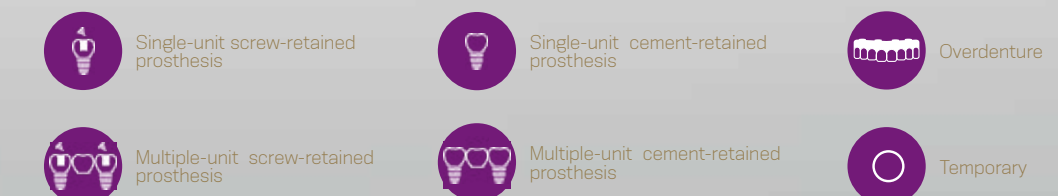


## GRAND ESTHETICS

### DELIVER IMMEDIATE NATURAL 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.





# Helix GM®

## PRODUCT FEATURES:

### Implants Description:

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

### Indications:

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

### Drilling features:

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

Available with:



### Drill Sequence

	Initial	Ø 2.0	Ø 3.5	Ø 3.5+	Ø 2.8/3.5	Ø 3.75	Ø 3.75+	Ø 3.0/3.75	Ø 4.0	Ø 4.0+	Ø 3.3/4.0	Ø 4.3	Ø 4.3+	Ø 3.6/4.3	Ø 5.0	Ø 5.0+	Ø 4.3/5.0	Ø 6.0
	103.170	103.425	103.399	103.419	103.414	103.402	103.420	103.415	103.405	103.421	103.416	103.408	103.422	103.417	103.411	103.423	103.418	103.427
Ø 3.5	Optional	✓		✓	✓													
Ø 3.75	Optional	✓	✓				✓	✓										
Ø 4.0	Optional	✓	✓			✓				✓	✓							
Ø 4.3	Optional	✓	✓			✓			✓				✓	✓				
Ø 5.0	Optional	✓	✓			✓			Optional			✓					✓	✓

Bone types I and II

Ø 3.5	Optional	✓	✓															
Ø 3.75	Optional	✓	✓			Optional												
Ø 4.0	Optional	✓	✓						Optional									
Ø 4.3	Optional	✓	✓			✓						Optional						
Ø 5.0	Optional	✓	✓									✓			Optional			
Ø 6.0	Optional	✓	✓			✓						✓			✓			✓

Bone types III and IV

### Helix GM® Implants

		8.0 mm	10.0 mm	11.5 mm	13.0 mm	16.0 mm	18.0 mm
Ø 3.5							
	Acqua	140.943	140.944	140.945	140.946	140.947	140.988
	NeoPoros	109.943	109.944	109.945	109.946	109.947	109.988
Ø 3.75							
	Acqua	140.976	140.977	140.978	140.979	140.980	140.981
	NeoPoros	109.976	109.977	109.978	109.979	109.980	109.981
Ø 4.0							
	Acqua	140.982	140.983	140.984	140.985	140.986	140.987
	NeoPoros	109.982	109.983	109.984	109.985	109.986	109.987
Ø 4.3							
	Acqua	140.948	140.949	140.950	140.951	140.952	140.989
	NeoPoros	109.948	109.949	109.950	109.951	109.952	109.989
Ø 5.0							
	Acqua	140.953	140.954	140.955	140.956	140.957	140.990
	NeoPoros	109.953	109.954	109.955	109.956	109.957	109.990
Ø 6.0							
	Acqua	140.1009	140.1010	140.1011	140.1012		
	NeoPoros	109.1009	109.1010	109.1011	109.1012		

### GM Healing Abutment

	Profile	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm
	Ø 3.3	106.207	106.208	106.209	106.210	106.211	106.212
	Ø 4.5	106.213	106.214	106.215	106.216	106.217	106.218
		:: Use the manual Neo Screwdriver (104.060); :: Do not exceed the insertion torque of 10 N.cm.					

### GM Customizable Healing Abutments

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

### GM Cover Screw

	0 mm	2 mm
	117.021	117.022
	:: Use the manual Neo Screwdriver (104.060); :: Do not exceed the insertion torque of 10 N.cm.	



# Drive GM®

## PRODUCT FEATURES:

### Implants Description:

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

### Indications:

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

### Drilling features:

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

Available with:



### Drill Sequence

	Initial	Ø 2.0	Ø 3.5	Ø 2.8/3.5	Ø 4.3	Ø 3.6/4.3	Ø 5.0	Ø 4.3/5.0
	103.170	103.425	103.399	103.414	103.408	103.417	103.411	103.418
Ø 3.5 mm	✓	✓	✓	Optional				
Ø 4.3 mm	✓	✓	✓		✓	Optional		
Ø 5.0 mm	✓	✓	✓		✓		✓	Optional

Bone types III and IV

### Drive GM® Implants

		8.0 mm	10.0 mm	11.5 mm	13.0 mm	16.0 mm	18.0 mm
Ø 3.5							
	Acqua	140.958	140.959	140.960	140.961	140.962	140.963
Ø 4.3							
	Acqua	140.964	140.965	140.966	140.967	140.968	140.969
Ø 5.0							
	Acqua	140.970	140.971	140.972	140.973	140.974	140.975

### GM Healing Abutment

	Profile	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm
	Ø 3.3	106.207	106.208	106.209	106.210	106.211	106.212
	Ø 4.5	106.213	106.214	106.215	106.216	106.217	106.218
		:: Use the manual Neo Screwdriver (104.060); :: Do not exceed the insertion torque of 10 N.cm.					

### GM Customizable Healing Abutments

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

### GM Cover Screw

		0 mm	2 mm
		117.021	117.022
		:: Use the manual Neo Screwdriver (104.060); :: Do not exceed the insertion torque of 10 N.cm.	

# GM Abutment

Recommended for posterior region.



Single-unit  
screw-retained  
prosthesis



Exact

Unlocking feature

Consider in addition 1.5 - 2.0 mm for the restorative material  
Minimum interocclusal space of 4.9 mm from the mucosa level

## Accessories

Mini Conical Abutment  
Polishing Protector



123.008

Replacement  
Coping Screw



116.266 Titanium  
116.267 Neotorque\*

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

## Workflow Options

0.8 mm 115.237	1.5 mm 115.238	2.5 mm 115.239
3.5 mm 115.240	4.5 mm 115.241	5.5 mm 115.242



► Intraoral

GM Abutment Scanbody <sup>2</sup>



108.198

GM Abutment Hybrid  
Repositionable Analog



101.101

GM Abutment Coping for  
Crown - Digital Workflow <sup>1</sup>



118.362

► Model Scanning

GM Abutment  
Impression Coping  
Closed Tray <sup>2</sup>



108.179

GM Abutment Hybrid  
Repositionable Analog



101.101

GM Abutment Scanbody <sup>2</sup>



108.198

GM Abutment Coping for  
Crown - Digital Workflow <sup>1</sup>



118.362

► Conventional

GM Abutment  
Impression Coping  
Closed Tray <sup>2</sup>



108.179

Neo Abutment Titanium Coping <sup>1</sup>



118.300

Neo Abutment Protection  
Cylinder <sup>2</sup>



106.221

Abutment Analog



101.101

101.076

Hybrid Repositionable  
(conventional/digital)  
Conventional

Neo Abutment CoCr Coping <sup>1</sup>



118.299

Neo Abutment Burn-out Coping <sup>1</sup>



118.298

1

Neo Screwdriver Torque  
Connection



+

Torque Wrench

2

Neo Screwdriver Torque  
Connection

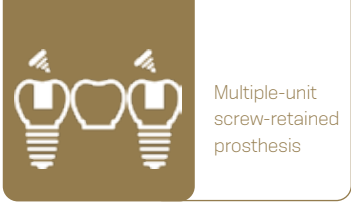


+

Manual Screwdriver  
Torque



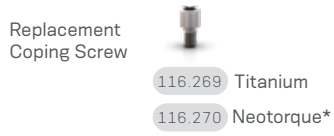
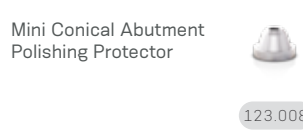
# GM Mini Conical Abutment



Consider in addition 1.5 - 2.0 mm for the restorative material

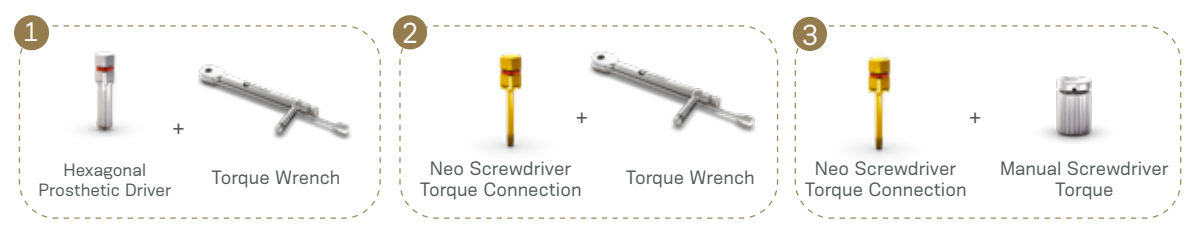
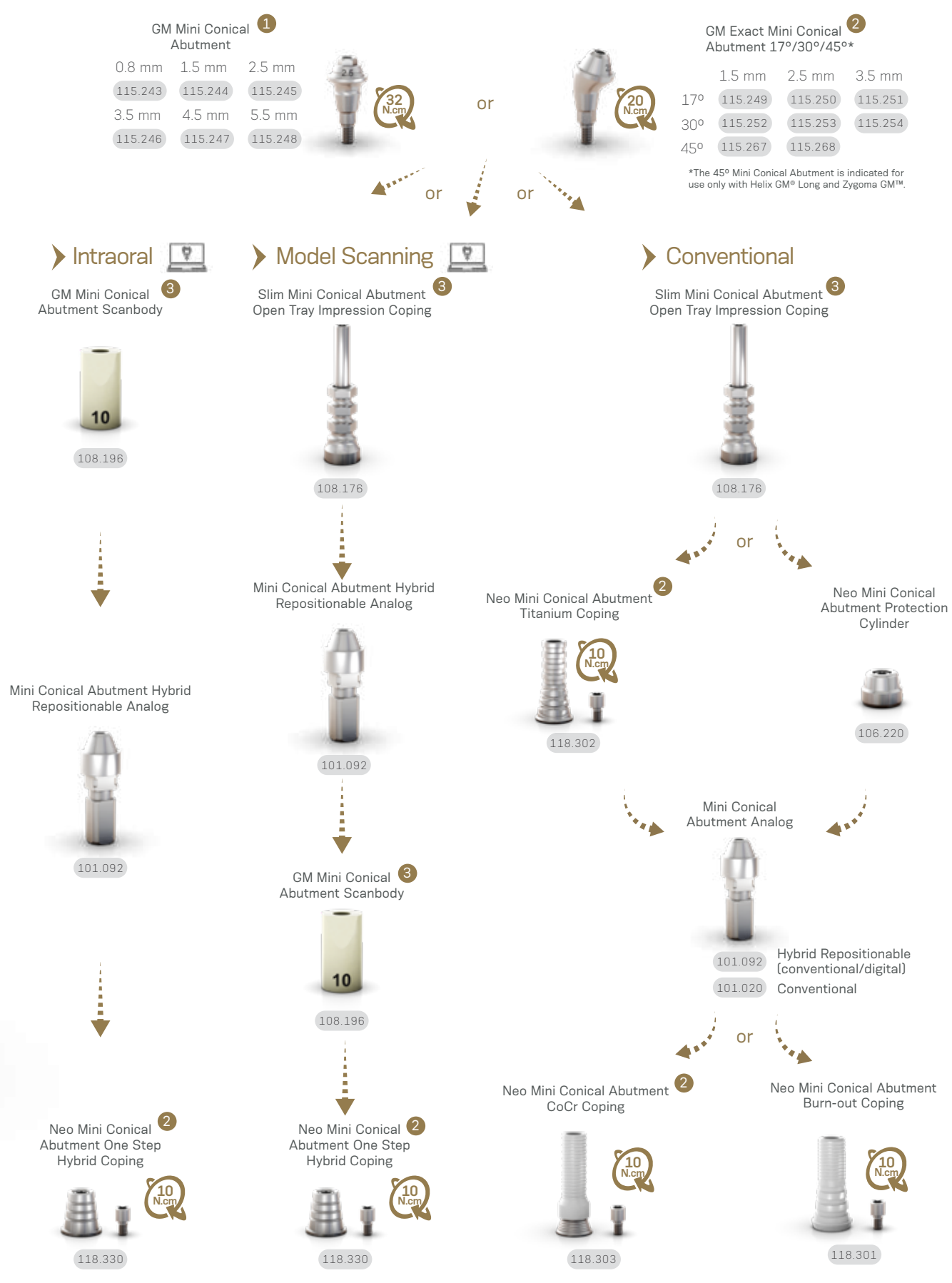
Minimum interocclusal space of 4.5 mm from the mucosa level for straight abutments.

## Accessories




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

## Workflow Options




# GM Micro Abutment

Recommended for limited spaces and narrow inter-dental spaces.



Single-unit  
screw-retained  
prosthesis

OR



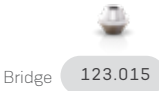
Multiple-unit  
screw-retained  
prosthesis



Consider in addition 1.5 - 2.0 mm for the restorative material  
Minimum interocclusal space of 3.5 mm from the mucosa level

## Accessories

Micro Abutment  
Polishing Protector



Replacement  
Coping Screw



116.269 Titanium  
116.270 Neotorque\*

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

## Workflow Options



# GM Anatomic Abutment

Recommended for anterior region.

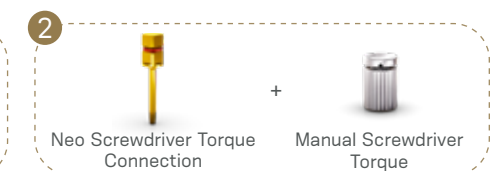
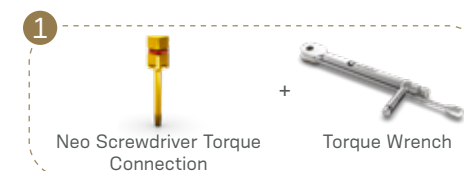
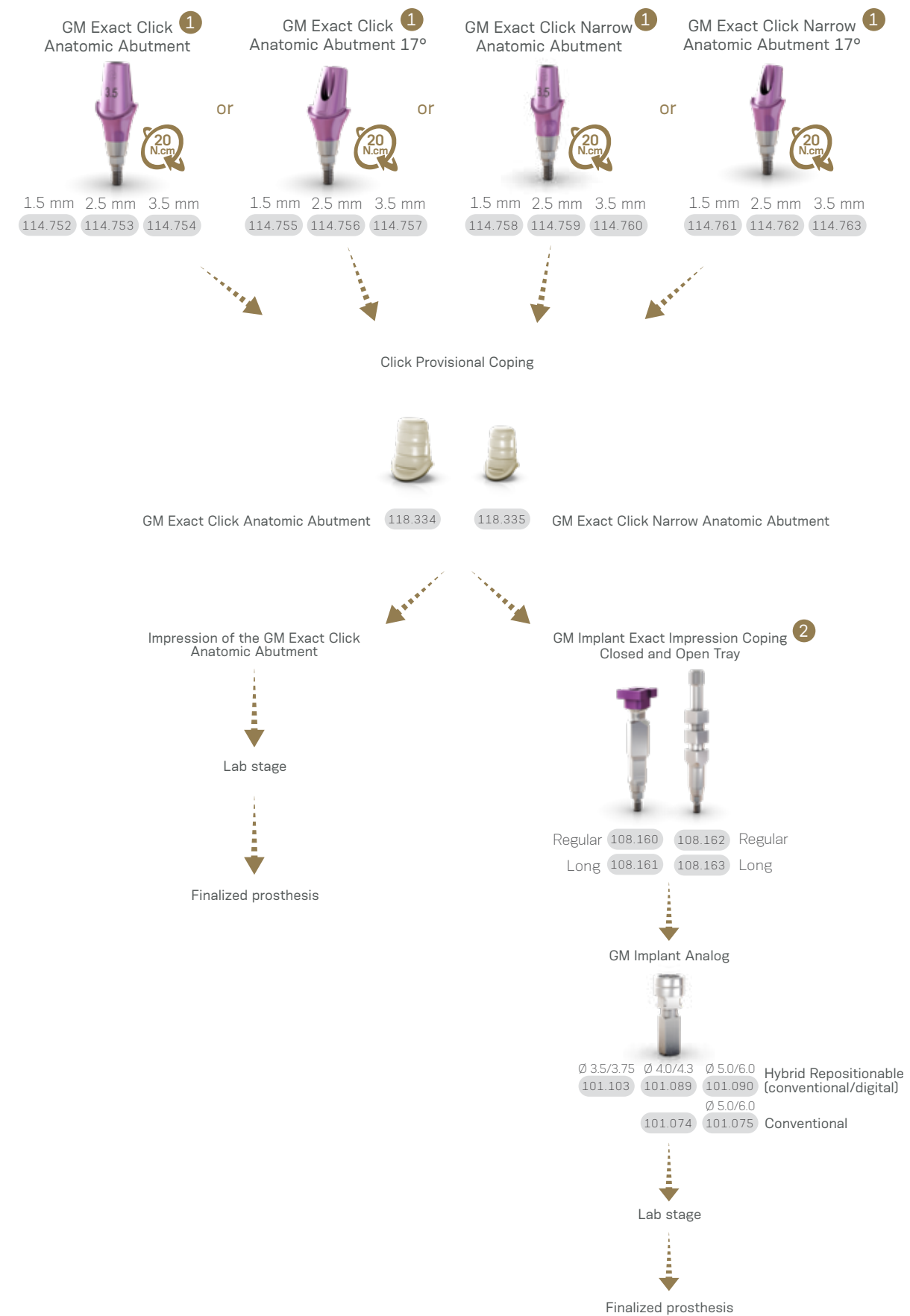


Single-unit  
cement-retained  
prosthesis



Consider in addition 1.5 - 2.0 mm for the restorative material  
Minimum interocclusal space of 4.9 mm from the mucosa level

## Installation Sequence





# GM Universal Abutment

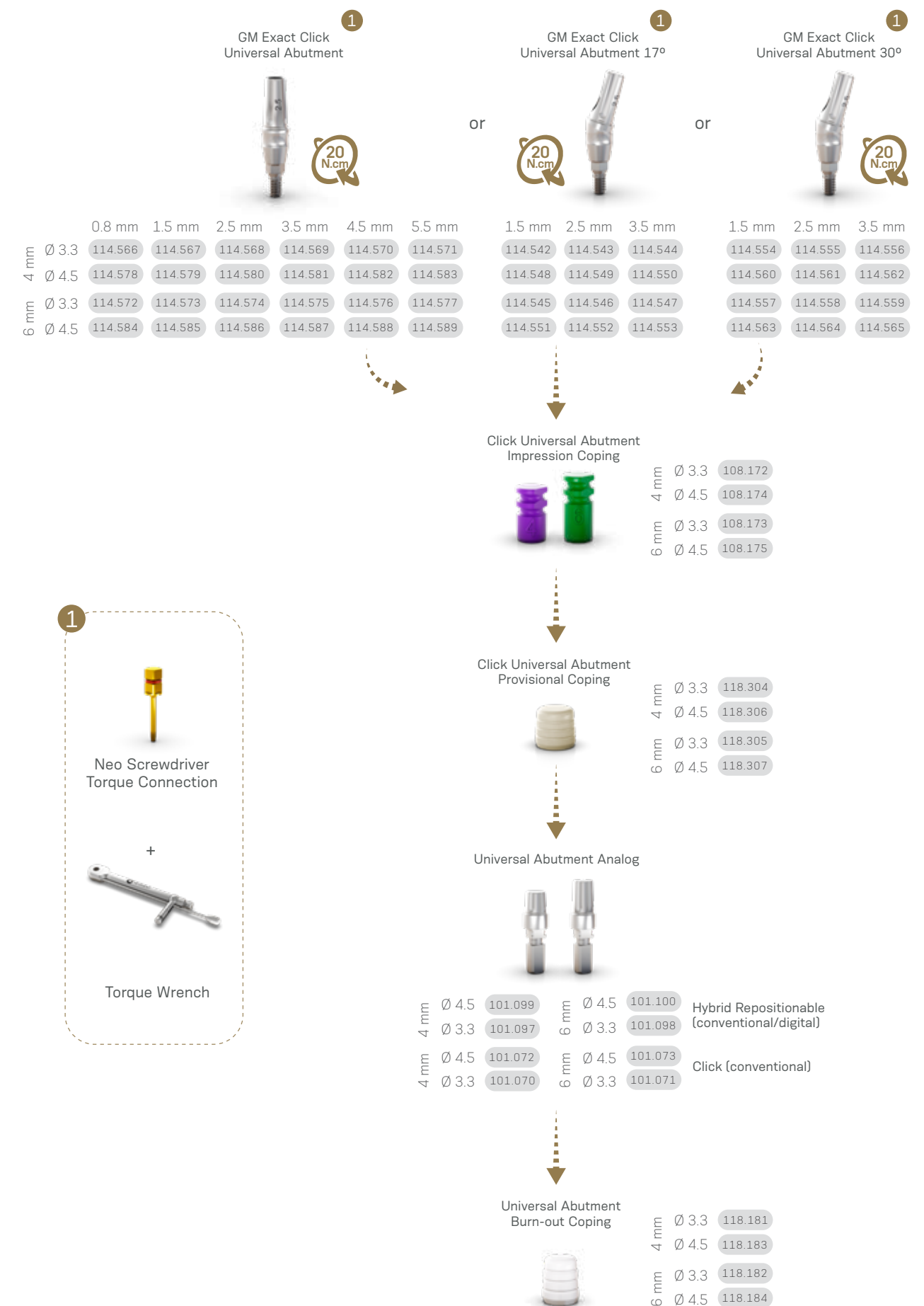


Single-unit  
cement-retained  
prosthesis

## Installation Sequence




Consider in addition 1.5 - 2.0 mm for the restorative material  
Minimum interocclusal space of 4.9 mm from the mucosa level




# GM Titanium Base

With removable screw.



Single-unit screw-retained prosthesis

OR



Single-unit cement-retained prosthesis

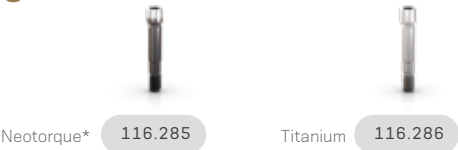


Consider in addition 1.5 - 2.0 mm for the restorative material

Minimum interocclusal space of 4.9 mm from the mucosa level

## Accessories

Replacement Sterile Screws



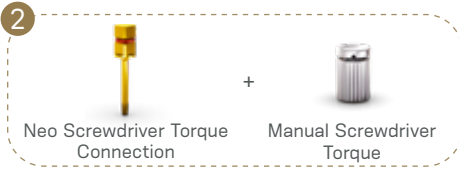
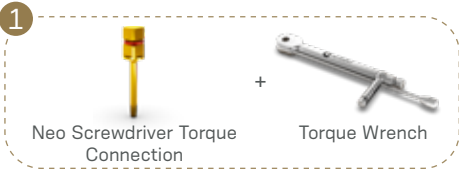
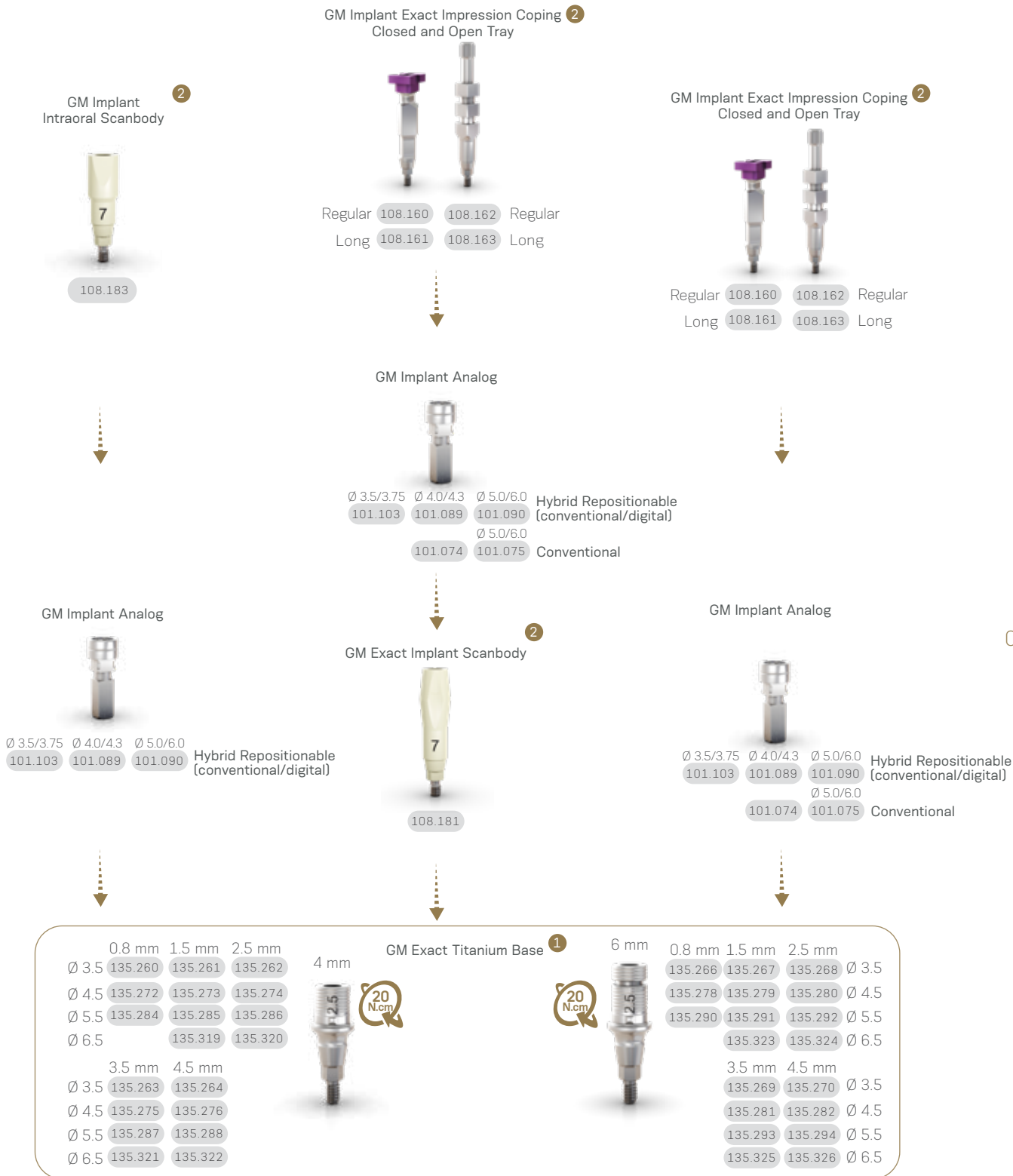
\*Application of a film carbon-based coat that provides a lower friction coefficient, resulting in increased pre-load.

## Workflow Options

➤ Intraoral 


➤ Model Scanning 

➤ Conventional




# GM Titanium Base for Bridge

With removable screw.



Multiple-unit  
screw-retained  
prosthesis

OR



Multiple-unit  
cement-retained  
prosthesis



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



## Accessories

Replacement Sterile  
Screws

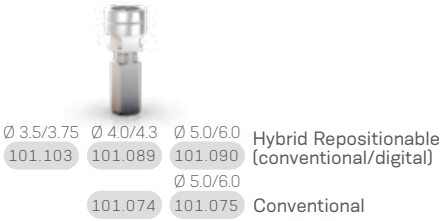
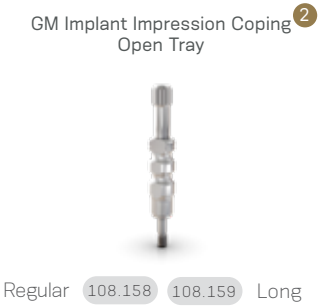



\*Application of a carbon-based film coat that provides a lower friction coefficient, resulting in increased pre-load.

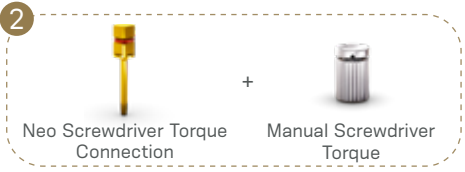
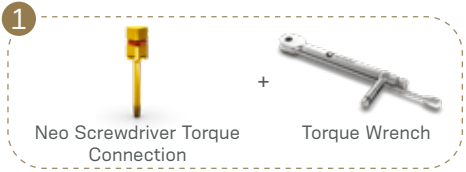
## Workflow Options

► Intraoral 

► Model Scanning 




GM Titanium Base for Bridge <sup>1</sup>						
	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	
Ø 3.5	135.304	135.305	135.306	135.307	135.308	
Ø 4.5	135.309	135.310	135.311	135.312	135.313	
Ø 5.5	135.314	135.315	135.316	135.317	135.318	






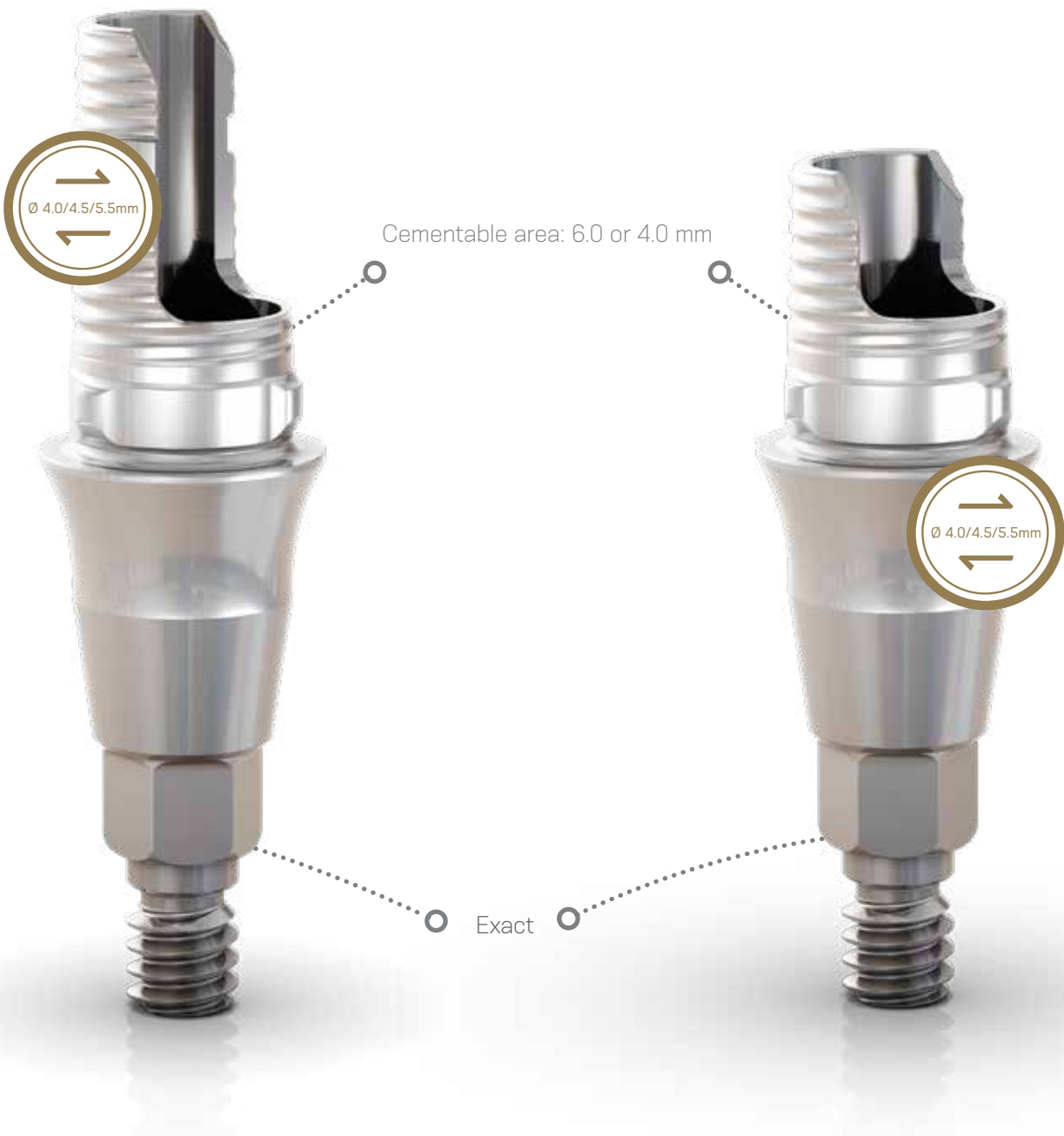
# GM Titanium Base Angled Solution (AS)

With removable screw.

  
Single-unit screw-retained prosthesis

OR

  
Single-unit cement-retained prosthesis



## Accessories

Replacement Sterile Screw



116.288

Screw for GM Titanium Base AS

## Workflow Options

► Intraoral 

► Model Scanning 

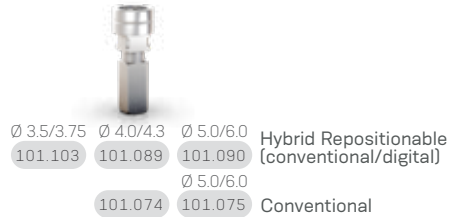
GM Implant Intraoral Scanbody <sup>2</sup>



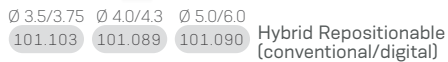
GM Implant Exact Impression Coping <sup>2</sup>  
Closed and Open Tray



GM Implant Analog



GM Implant Analog



GM Exact Implant Scanbody <sup>2</sup>



GM Titanium Base Angled Solution (AS) <sup>1</sup>



1

Short 105.150  
Regular 105.151  
Long 105.152

Angled Solution Screwdriver for Torque Wrench



Torque Wrench

or

Short 105.147  
Regular 105.148  
Long 105.149

Angled Solution Screwdriver for Contra-angle



Contra-angle

2


Neo Screwdriver Torque Connection

+

Manual Screwdriver Torque


# Titanium Base C for GM

With removable screw.



Single-unit screw-retained prosthesis

OR

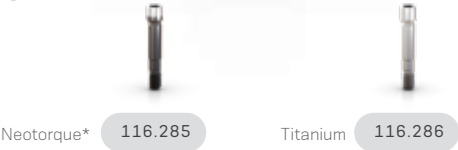


Single-unit cement-retained prosthesis



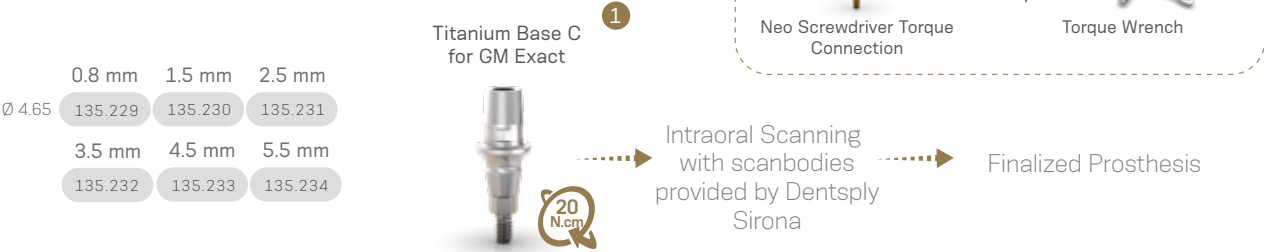
## Accessories

Replacement Sterile Screws



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

## Installation Sequence



## Workflow

**Step 1**  
Gingiva height selection and ordering.



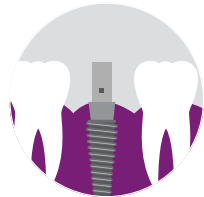
Select the Titanium Base C for GM Exact gingival height.



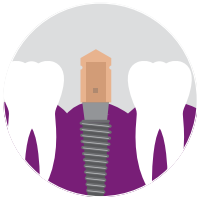
Order the Titanium Base C for GM Exact.

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

**Step 2**  
Intra-oral scanning.



Insert the Titanium Base C for GM Exact in the Neodent® implant.



Insert scanbody on the Titanium Base C for GM Exact.

**Step 3**  
Design and milling.



Select in the CAD software the comparable third-party Ti-base and perform the digital design.

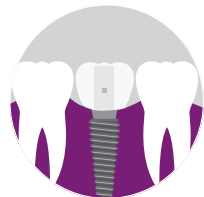


Mill the digital design.

### CEREC digital library compatibility

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


**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.


# GM Titanium Block for MEDENTiKA Holder

Screw sold separately.




Single-unit screw-retained prosthesis

OR



Single-unit cement-retained prosthesis

OR



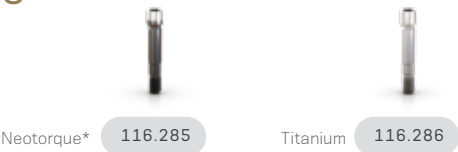
Multiple-unit cement-retained prosthesis



Consider in addition 1.5 - 2.0 mm for the restorative material  
Minimum interocclusal space of 4.9 mm from the mucosa level

## Accessories

Sterile Screws  
sold separately

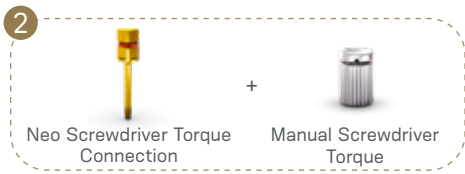
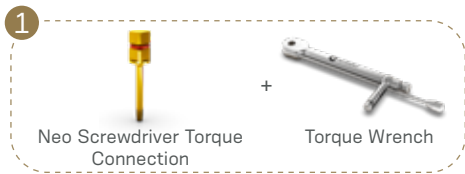
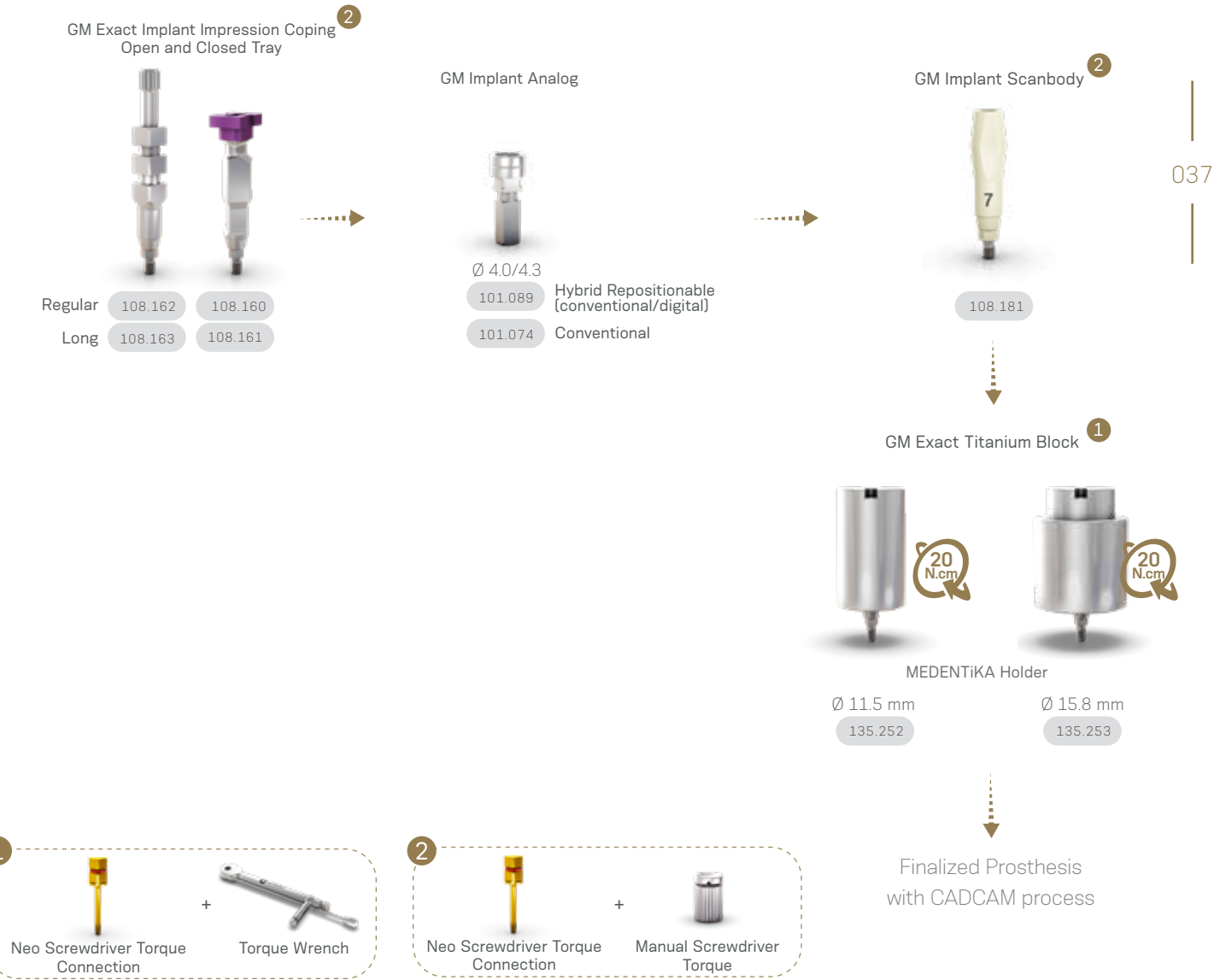


\*Application of a carbon-based film coat that provides a lower friction coefficient, resulting in increased pre-load.

## Complete Digital Workflow




## Semi Digital Workflow






# GM Titanium Block for AG Holder

Screw sold separately.




Single-unit  
screw-retained  
prosthesis

OR



Single-unit  
cement-retained  
prosthesis

OR

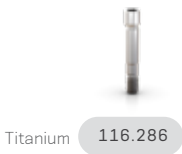
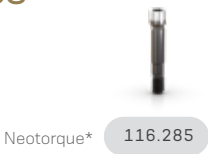


Multiple-unit  
cement-retained  
prosthesis



## Accessories

Replacement Sterile  
Screws



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


## Complete Digital Workflow



## Semi Digital Workflow




# GM CoCr Abutment



Single-unit  
screw-retained  
prosthesis

OR



Single-unit  
cement-retained  
prosthesis



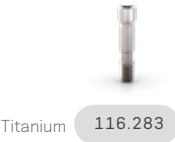
Exact

Consider in addition 1.5 - 2.0 mm for the restorative material

Minimum interocclusal space of 4.9 mm from the mucosa level

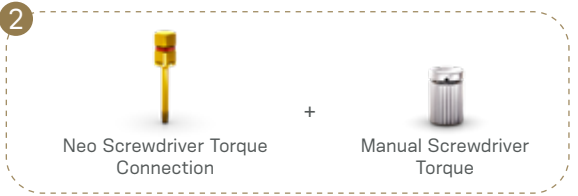
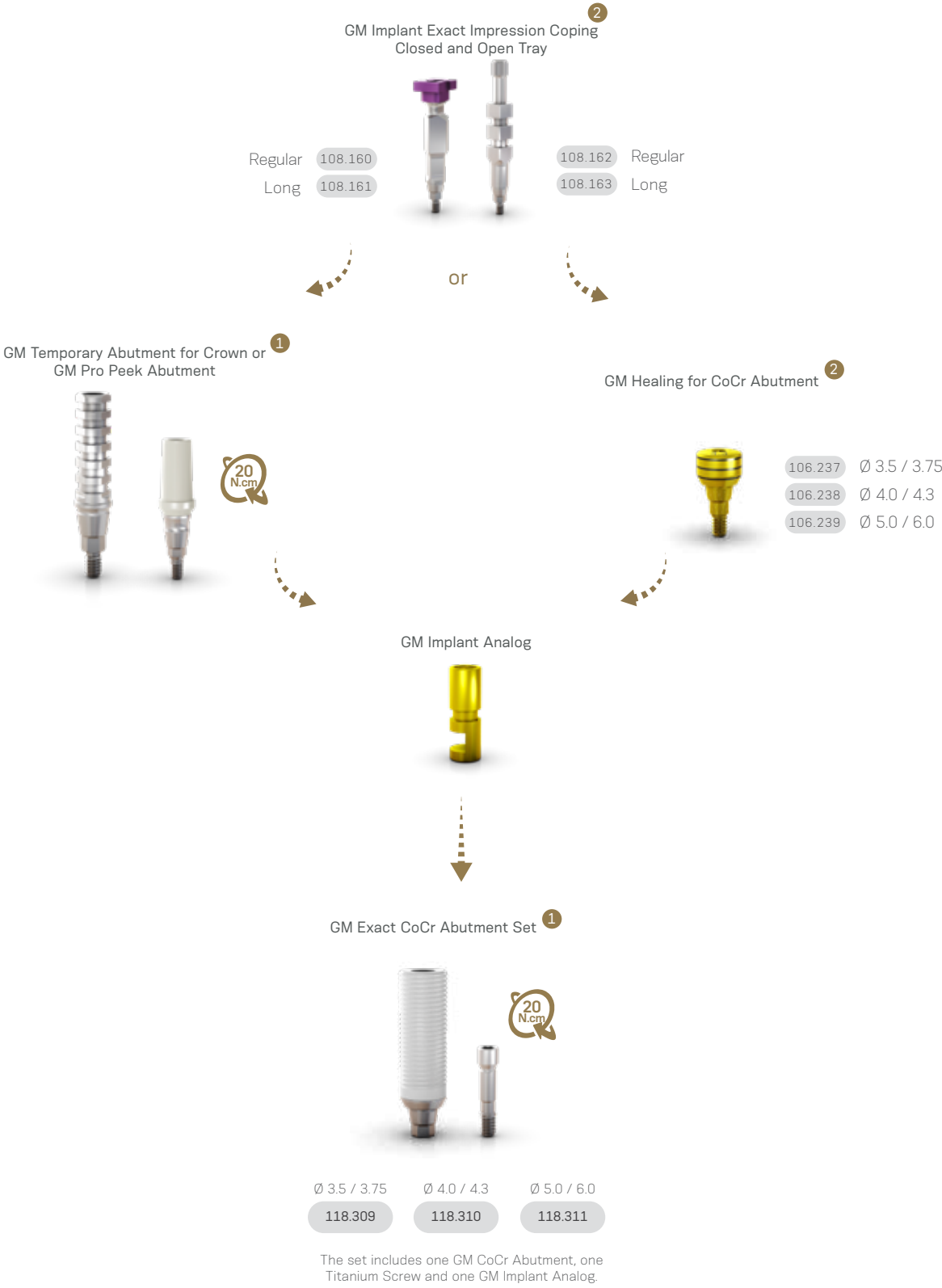
## Accessories

Replacement Sterile  
Screws



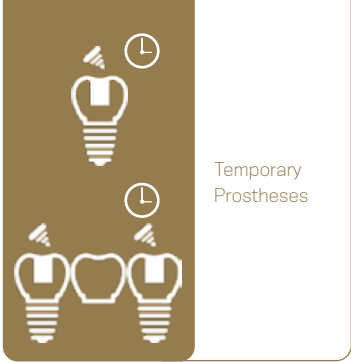
\*Application of a carbon-based film coat that provides a lower friction coefficient, resulting in increased pre-load.

## Installation Sequence



# GM Temporary Abutment

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



Consider in addition 1.5 - 2.0 mm for the restorative material

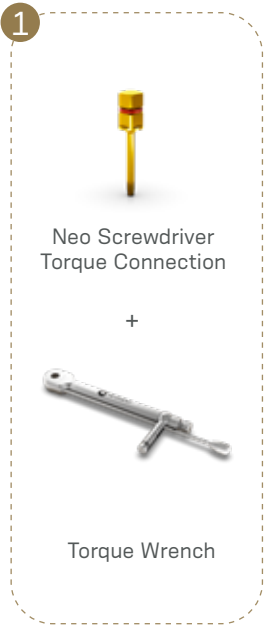
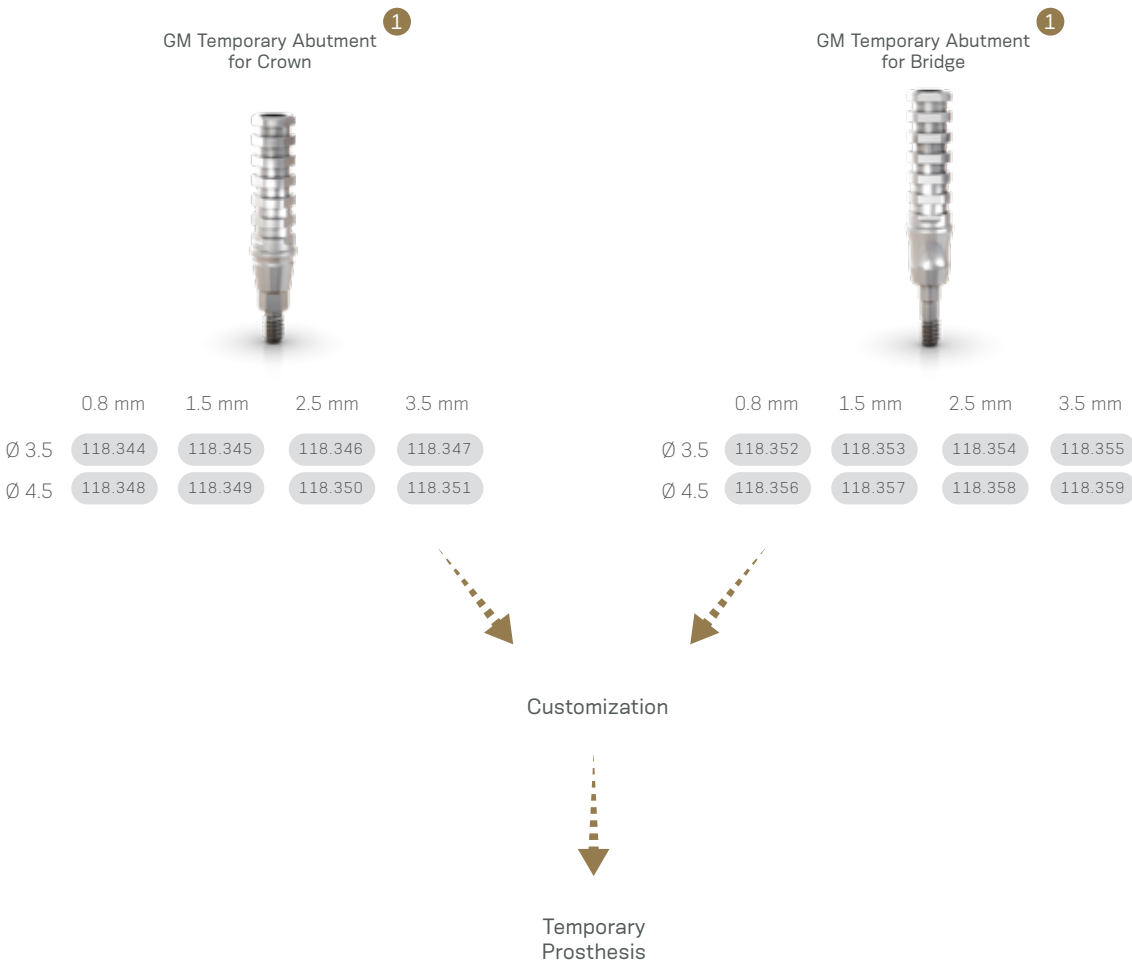
## Accessories

Replacement Sterile  
Screws

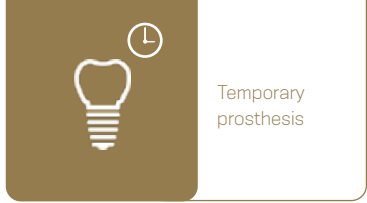


\*Application of a film carbon-based coat that provides a lower friction coefficient, resulting in increased pre-load.

## Installation Sequence







# GM Pro Peek Abutment


Biocompatible Peek of easy customization



Consider in addition 1.5 - 2.0 mm for the restorative material

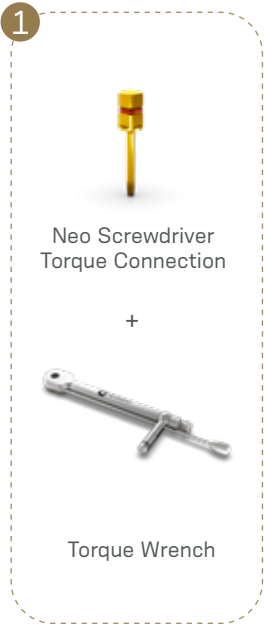
## Installation Sequence

GM Pro Peek Abutment <sup>1</sup>



	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm
Ø 4.5	114.738	114.739	114.740	114.741	114.742	114.743
Ø 6.0	114.744	114.745	114.746	114.747	114.748	114.749

In mouth customization



# GM Novaloc

Overdenture

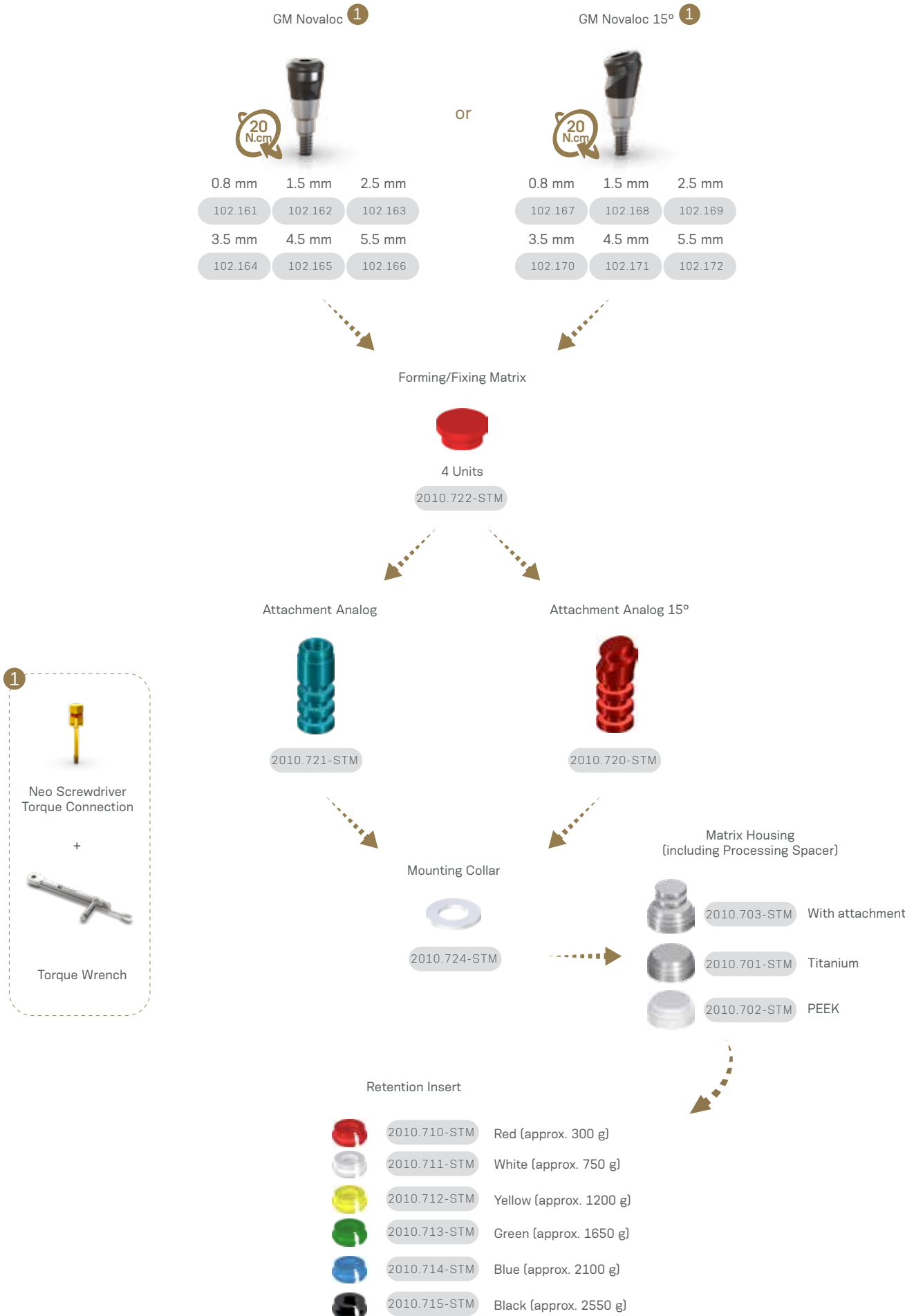
Angled version with removable screw



## Accessories



## Installation Sequence



## Measurements GM Mini Conical Abutment

### ➤ 17°



### ➤ 30°



### ➤ 45°\*



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

## Measurements GM Anatomic Abutment

### ➤ Narrow Anatomic Abutment



### ➤ Anatomic Abutment



### ➤ Narrow Anatomic Abutment 17°



### ➤ Anatomic Abutment 17°





# Measurements GM Universal Abutment

➤ 17°

➤ 30°



Najlepsze decyzje są oparte na faktach.

<b>25 LATA</b> Dostarczamy wysokiej jakości rozwiązania implantologiczne od ponad 25 lat	<b>NR2</b> Jesteśmy drugą co do wielkości firmą implantologiczną na świecie	Więcej niż <b>270,000</b> pacjentów było leczonych implantami Neodent w Brazylii w 2014 roku
Udokumentowany wskaźnik powodzenia <b>99.7%</b> u 3578 pacjentów	Więcej niż <b>250+</b> naukowych artykułów i publikacji	<b>NR1</b> Neodent jest liderem w Ameryce łacińskiej - drugim co do wielkości rynku zbytu implantów.
<b>100%</b> wsparcie dla naszych klientów	<b>45,000</b> profesjonalistów na świecie używa implantów Neodent	<b>1,600,000</b> Sprzedajemy corocznie ponad milion implantów
Edukacja, nauka, wsparcie i badania naukowe w Curitiba, Brazylia <b>ILAPEO</b>	<b>Straumann</b> zwiększył swoje udziały w Neodent do <b>100%</b> (w kwietniu 2015 roku)	Ponad <b>3,000</b> lekarzy zostało przeszkolonych w ośrodkach naukowych Neodent w Brazylii

ILAPEO

Neodent kładzie dużą wagę na edukację i szkolenia w celu zapewnienia jakości oraz standardów leczenia i opieki nad pacjentem. Czyni to poprzez ILAPEO (Latin American Institute of Dental Education), jeden z największych na świecie ośrodków szkolenia dedykowany implantologii, który oferuje kursy dla tysięcy uczestników z całego świata każdego roku. ILAPEO proponuje kursy podyplomowe i kursy mistrzowskie dla klinicystów. Jest to wspaniały powód, aby odwiedzić Brazylię....

NEODENT - DOŻYWOTNIA GWARANCJA

Celem programu Neodent Originals jest zapewnienie jakości i trwałości produktów Neodent. Dlatego stomatolodzy, którzy używają w swoich procedurach produktów Neodent mogą liczyć na gwarancję dotyczącą każdego rozwiązania.

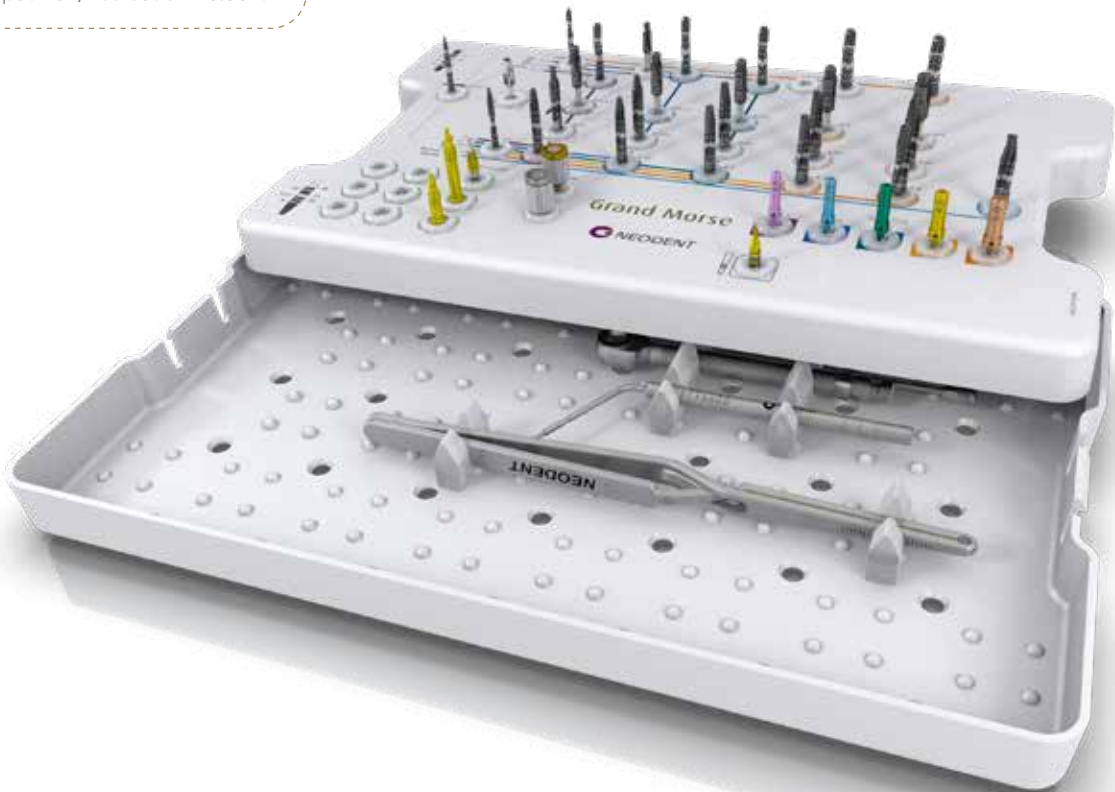
**IMPLANTY:** Dożywotnia gwarancja. Wymiana na taki sam lub podobny implant.

**KOMPONENTY IMPLANTÓW:** 10 lat gwarancji na łączniki metalowe.

Grand Morse® Surgical Kit

Autoclavable polymer case.  
The Kit presents two compositions:  
- Complete: for Helix GM®, Drive GM® and Titamax GM® implants;  
- Helix®: for Helix GM® implants.

To order the pre-mounted version of the kit, with its complete composition, use code **110.302**.



Articles

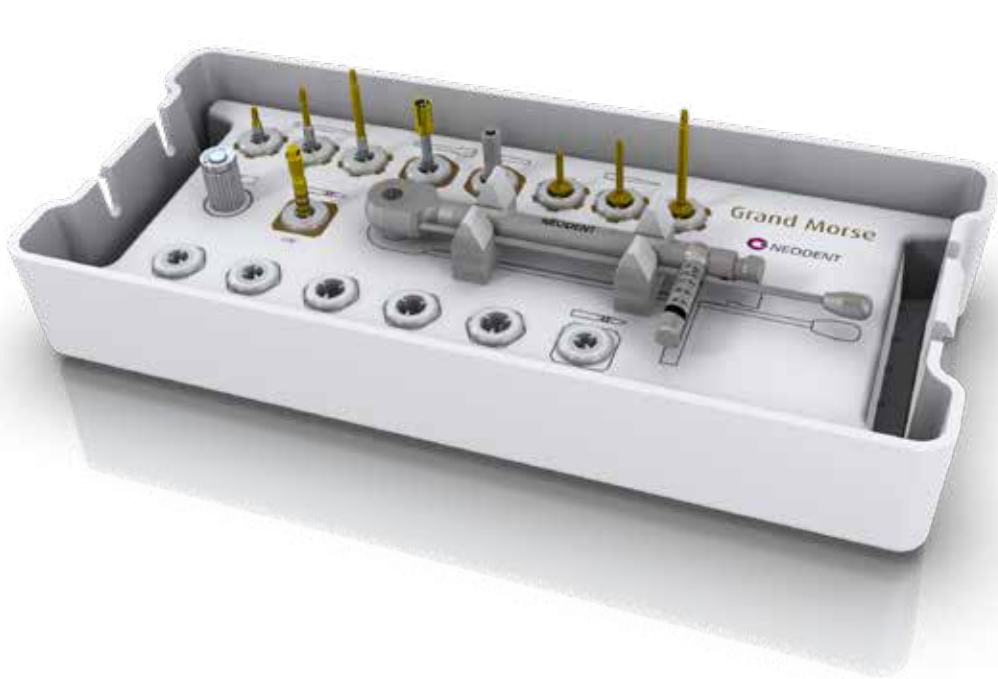
		Complete	Helix®			Complete	Helix®
110.288	GM Surgical Kit Case	✓	✓	103.399	Tapered Drill 3.5	✓	✓
103.162	Twist Drill 2.0 Plus	✓		103.402	Tapered Drill 3.75	✓	✓
103.213	Pilot Drill 2.0/3.0 Plus	✓		103.405	Tapered Drill 4.0	✓	✓
103.164	Twist Drill 3.0 Plus	✓		103.408	Tapered Drill 4.3	✓	✓
103.166	Twist Drill 3.3 Plus	✓		103.411	Tapered Drill 5.0	✓	✓
103.167	Twist Drill 3.8 Plus	✓		103.427	Tapered Drill 6.0	✓	✓
103.168	Twist Drill 4.3 Plus	✓		105.131	GM Implant Driver - Contra-Angle	✓	✓
103.163	Twist Drill 2.8 Plus	✓		104.060	Neo Screwdriver (Medium)	✓	✓
103.170	Initial Drill Plus	✓	✓	105.130	GM Implant Driver - Torque Wrench (Long)	✓	✓
103.414	Pilot Drill GM 2.8/3.5	✓	✓	104.028	Manual Implant Driver - Contra-Angle	✓	✓
103.415	Pilot Drill GM 3.0/3.75	✓	✓	105.129	GM Implant Driver - Torque Wrench (Short)	✓	✓
103.416	Pilot Drill GM 3.3/4.0	✓	✓	128.019	Direction Indicator 2.8/3.5	✓	✓
103.417	Pilot Drill GM 4.3	✓	✓	128.020	Direction Indicator 3.0/3.75	✓	✓
103.418	Pilot Drill GM 4.3/5.0	✓	✓	128.021	Direction Indicator 3.3/4.0	✓	✓
103.419	Tapered Contour Drill 3.5	✓	✓	128.022	Direction Indicator 3.6/4.3	✓	✓
103.420	Tapered Contour Drill 3.75	✓	✓	128.023	Direction Indicator 4.3/5.0	✓	✓
103.421	Tapered Contour Drill 4.0	✓	✓	128.028	Height Measurer GM	✓	✓
103.422	Tapered Contour Drill 4.3	✓	✓	129.004	Depth Probe	✓	✓
103.423	Tapered Contour Drill 5.0	✓	✓	129.001	Titanium Tweezers	✓	✓
103.425	Tapered Drill 2.0	✓	✓	104.050	Torque Wrench	✓	✓
				103.426	Drill Extension	✓	✓

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
- 105.146 Neo Screwdriver Torque Connection - Contra-angle (Extra-short)
- 105.135 Neo Screwdriver Torque Connection - Contra-angle (Short)
- 105.136 Neo Screwdriver Torque Connection - Contra-angle (Medium)
- 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
- 105.134 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 Kit

Autoclavable polymer case.

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



## Articles

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

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



# 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.

	Ø 2.0	Ø 3.5	Ø 3.75	Ø 4.0	Ø 4.3	Ø 5.0	Ø 6.0
Short 31 mm		103.400	103.403	103.406	103.409	103.412	103.427
Regular 35 mm	103.425	103.399	103.402	103.405	103.408	103.411	
Long 43 mm		103.401	103.404	103.407	103.410	103.413	



**GM Tapered Contour Drills**

- :: For preparing the implant bed in bone types I and II for Helix GM® Implants.

Ø 3.5+	Ø 3.75+	Ø 4.0+	Ø 4.3+	Ø 5.0+
103.419	103.420	103.421	103.422	103.423



**Pilot Drills**

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


Ø 2/3	Ø 2.8/3.5	Ø 3/3.75	Ø 3.3/4	Ø 3.6/4.3
103.213	103.414	103.415	103.416	103.417
Ø 4.3/5	Ø 3.8/4.3	Ø 4.3/5.3	Ø 5.3/6	
103.418	103.214	103.215	103.221	



**Twist Drills**

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

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



**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


3.0/3.75  
128.020

3.3/4.0  
128.021

3.6/4.3  
128.022

4.3/5.0  
128.023

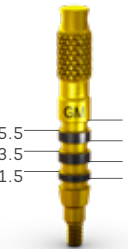




**Drill Extension**

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


103.426



**GM Height Measurer**

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


128.028



**GM Implant Driver - Contra-Angle**

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

105.131




**GM Implant Driver - Torque Wrench**

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

Short  
22 mm  
105.129

Long  
30 mm  
105.130




**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




**Neo Screwdriver Torque Connection - Torque Wrench**

- :: Available in surgical steel;
- :: Yellow color for line identification.
- :: Long Neo Screwdriver Torque Connection - Wrench (105.134) recommended for Impression Copings and Copings for screw-retained prostheses.

Short  
16.5 mm  
105.133

Medium  
22 mm  
105.132

Long  
32 mm  
105.134




**Neo Screwdriver**

- :: Available in surgical steel;
- :: Yellow color for line identification.
- :: Long Neo Manual Screwdriver (104.059) recommended for Impression Copings and Copings for screw-retained prostheses.

Short  
21 mm  
104.058

Medium  
25 mm  
104.060

Long  
37 mm  
104.059



**Neo Screwdriver Torque Connection - Contra-angle**

- :: Available in surgical steel;
- :: Yellow color for line identification;
- :: Medium Neo Screwdriver Torque Connection - Contra-angle (105.136) recommended for Impression Copings and Copings for screw-retained prostheses.
- :: Extra Short Neo Screwdriver Torque Connection - Contra-angle (105.146) recommended for Impression Copings, Cover Screws and Healing Abutments.

Extra  
Short  
16.5 mm  
105.146

Short  
24 mm  
105.135

Medium  
31 mm  
105.136



**Hexagonal Prosthetic Driver**

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

Torque Wrench  
105.137

Contra-angle  
105.138



**Angled Solution Screwdriver for Torque Wrench**

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

Short 16.5 mm	Regular 22.5 mm	Long 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 N.cm.

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



**GM Bone Profile Drill with Guide**

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

103.424



**Angle Measurer for Drill 2.0**

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

17°	30°
128.030	128.031



**GM Angle Measurer**

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

17°	30°
128.032	128.033

**Torque Wrench**

- :: Available in surgical steel;
- :: Fitting for square connections;
- :: Collapsible Wrench that allows for proper assembly cleaning;
- :: For full instructions see page 111.

104.050





# A SMILE FOR EVERYONE

## NEODENT® NEOARCH® IMMEDIATE FIXED FULL-ARCH SOLUTION

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



### Immediate function resulting in shorter treatment times.

- Different implants techniques to avoid the use of grafting procedure<sup>(11)</sup>.
- Optimized implant design to achieve high primary stability in all bone types<sup>(12)</sup>.



### 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 (17°, 30° and 45°).



### Immediate peace of mind thanks to a stable foundation.

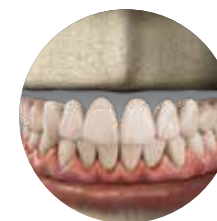
- One connection regardless of the diameters.
- Unique connection combining Platform Switching associated with a deep 16° Morse taper including an internal indexation.

## SOLUTIONS FOR ALL CLINICAL NEEDS

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



Helix GM®



Helix GM® Long



Zygoma GM™



BONE RESORPTION

# Helix GM® Long

## PRODUCT FEATURES:

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

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

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

Available with:

NeoPoros®

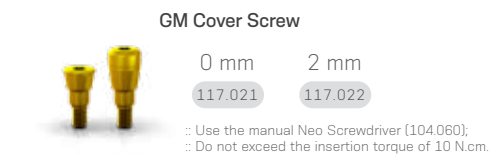
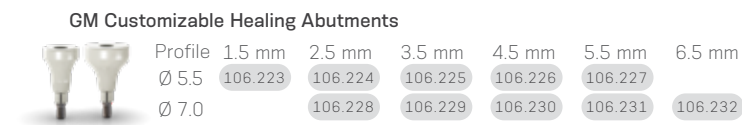
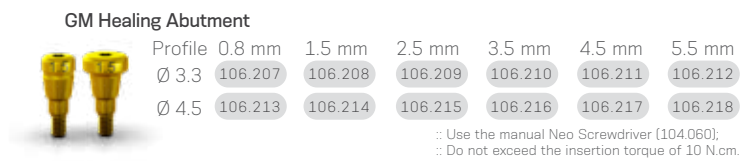


### Drill Sequence



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

### Helix GM® Long implants



# Zygoma GM™

## PRODUCT FEATURES:

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

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

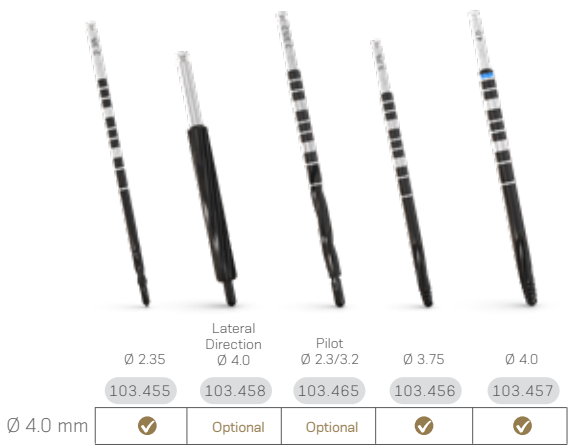
- Drilling features:
- Drilling speed: 800-1200 rpm;
  - Lateral Direction Drill speed: 600-800 rpm;
  - Implant insertion speed: 30 rpm;
  - Maximum torque for implant placement: 60 N.cm.

Available with:

NeoPoros®

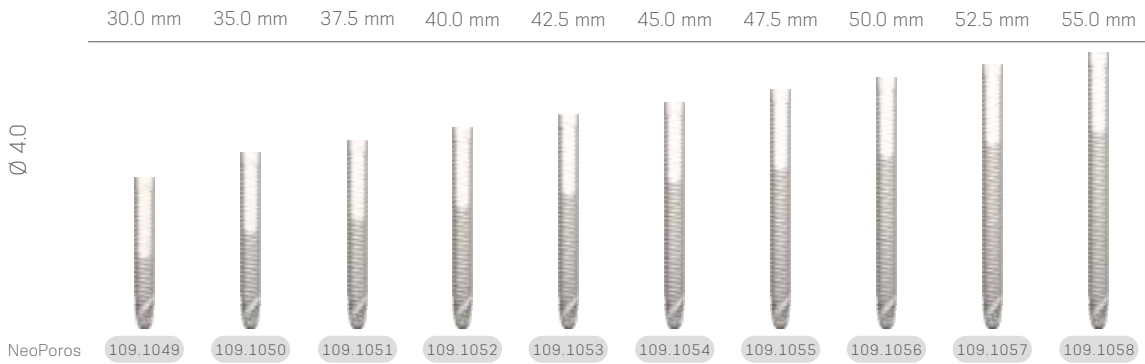


### Drill Sequence



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

### Zygoma GM™ Implants



### GM Cover Screw





# Zygoma GM™ Surgical Kit

Autoclavable polymer case.



068

## Articles

- |         |  |         |   |
|---------|--|---------|---|
| 110.299 | Zygoma GM™ Surgical Kit Case                 | 129.022 | Zygoma GM™ Probe 2.35mm                   |
| 103.395 | Guided Surgery Drill 1.3mm                   | 129.023 | Zygoma GM™ Probe 4.0mm                    |
| 125.100 | Guided Surgery Guide Clamp                   | 128.032 | GM Angle Measurer 17°                     |
| 125.139 | Drill Guide For Ngs Zygoma GM™ 2.35mm        | 128.033 | GM Angle Measurer 30°                     |
| 103.454 | Twist Drill For Ngs Zygoma GM™ 2.35mm        | 128.034 | GM Angle Measurer 45°                     |
| 103.455 | Twist Drill For Zygoma GM™ 2.35mm            | 128.028 | GM Height Measurer                        |
| 103.456 | Twist Drill For Zygoma GM™ 3.75mm            | 104.060 | Neo Manual Screwdriver (medium)           |
| 103.457 | Twist Drill For Zygoma GM™ 4.0mm             | 105.129 | GM Implant Driver - Torque Wrench (short) |
| 103.458 | Lateral Direction Drill For Zygoma GM™ 4.0mm | 105.131 | GM Implant Driver - Contra-angle          |
| 103.465 | Pilot Twist Drill For Zygoma GM™ 2.3/3.2mm   | 104.050 | Torque Wrench                             |
| 104.063 | Zygoma GM™ Installation Driver               |         |   |

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

# Helix GM® Long Compact Surgical Kit

Autoclavable polymer case.



069

## Articles

- |         |   |         |  |
|---------|---|---------|--|
| 110.300 | Helix GM® Long Compact Surgical Kit Case      | 103.464 | Twist Drill For Helix GM® Long 4.0mm                   |
| 103.395 | Guided Surgery Drill 1.3mm                    | 129.021 | Helix GM® Long X-ray Positioner                        |
| 125.100 | Guided Surgery Guide Clamp                    | 128.032 | GM Angle Measurer 17°                                  |
| 125.140 | Drill Guide For NGS Helix GM® Long 2.0/2.35mm | 128.033 | GM Angle Measurer 30°                                  |
| 125.141 | Drill Guide For NGS Helix GM® Long 3.75/4.0mm | 128.034 | GM Angle Measurer 45°                                  |
| 103.459 | Twist Drill For NGS Helix GM® Long 2.35mm     | 105.143 | Regular Guided Surgery GM Connection for Torque Wrench |
| 103.460 | Twist Drill For NGS Helix GM® Long 3.75mm     | 105.140 | Regular Guided Surgery GM Connection - Contra-angle    |
| 103.461 | Twist Drill For NGS Helix GM® Long 4.0mm      | 104.060 | Neo Manual Screwdriver (medium)                        |
| 103.453 | Helix GM® Long Initial Drill 2.0mm            | 105.129 | GM Implant Driver - Torque Wrench (short)              |
| 103.462 | Twist Drill For Helix GM® Long 2.35mm         | 105.131 | GM Implant Driver - Contra-angle                       |
| 103.463 | Twist Drill For Helix GM® Long 3.75mm         | 104.050 | Torque Wrench  |

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

# NeoArch<sup>®</sup> Instruments



**Helix GM<sup>®</sup> Long Drills**

:: Available in surgical steel;  
:: Drill sequence for Helix GM<sup>®</sup> Long implants.

Initial	Ø 2.35	Ø 3.75	Ø 4.0
103.453	103.462	103.463	103.464



**Helix GM<sup>®</sup> Long Drills for Guided Surgery**

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

Ø 2.35	Ø 3.75	Ø 4.0
103.459	103.460	103.461



**Zygoma GM<sup>™</sup> Drills**

:: Available in surgical steel;  
:: Drill sequence for Zygoma GM<sup>™</sup> implants.

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



**Zygoma GM<sup>™</sup> Lateral Direction Drill**

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

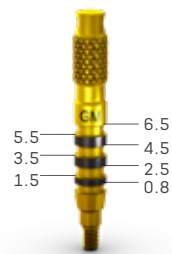
Ø 4.0
103.458



**Zygoma GM<sup>™</sup> Drill for Guided Surgery**

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

Ø 2.35
103.454

**GM Height Measurer**

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

128.028

**GM Implant Driver - Contra-Angle**

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

105.131

**GM Implant Driver - Torque Wrench**

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

Short 22 mm	Long 30 mm
105.129	105.130

**Neo Screwdriver Torque Connection - Torque Wrench**

- :: Available in surgical steel;
- :: Yellow color for line identification.
- :: Long Neo Screwdriver Torque Connection - Wrench (105.134) recommended for Impression Copings and Copings for screw-retained prostheses.

Short 16.5 mm	Medium 22 mm	Long 32 mm
105.133	105.132	105.134

**Neo Screwdriver**

- :: Available in surgical steel;
- :: Yellow color for line identification.
- :: Long Neo Manual Screwdriver (104.059) recommended for Impression Copings and Copings for screw-retained prostheses.

Short 21 mm	Medium 25 mm	Long 37 mm
104.058	104.060	104.059

**Neo Screwdriver Torque Connection - Contra-angle**

- :: Available in surgical steel;
- :: Yellow color for line identification;
- :: Medium Neo Screwdriver Torque Connection - Contra-angle (105.136) recommended for Impression Copings and Copings for screw-retained prostheses.
- :: 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	Medium 31 mm
105.146	105.135	105.136

**Hexagonal Prosthetic Driver**

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

Torque Wrench	Contra-angle
105.137	105.138

**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;
- :: Angles: 17°, 30° and 45°;
- :: To a more accurate selection and planning of the abutments angulation during the prosthetic phase.

17°	30°	45°
128.032	128.033	128.034



**Helix GM® Long Drill Guide for Guided Surgery**

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

Ø 2.0/2.35    Ø 3.75/4.0  
125.140    125.141

**Zygoma GM™ Drill Guide for Guided Surgery**

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

Ø 2.35  
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      Guide  
Ø 1.3      Clamp  
103.395    125.100

**Guided Surgery GM Connection - Contra-Angle**

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

Regular  
105.140

**Guided Surgery GM Connection - Torque Wrench**

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

Regular  
105.143

**Helix GM® Long X-ray Positioner**

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

129.021

**Zygoma GM™ Probes**

:: Available in Stainless Steel;  
:: The probe for the drill Ø2.35 mm has a tip design in L;  
:: The probe for the drill Ø4.0 mm has a tip with a design similar to the apex of the drill that allows identifying the correct drilling depth for implant anchorage.

Ø 2.35      Ø 4.0  
129.022    129.023

**Zygoma GM™ 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 111.

104.050



# GRAND MORSE® NEODENT® GUIDED SURGERY.

## GRAND POSSIBILITIES WITH A LIMITLESS SOLUTION

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



### DIFFERENTIATE YOUR PRACTICE WITH GUIDED SURGERY.



- Improve patient quality of life.**
- Functional with an immediate fixed restoration.
  - Esthetical with a personalized restoration and less bone remodeling <sup>(13)</sup>.
  - Comfort by the reduction of operative and postoperative discomfort (e.g. reduced patient chair time).



- Access to more treatment options.**
- Reliable access to flapless surgery <sup>(14-16)</sup>.
  - Designed to reduce bone grafting procedures.
  - Predictable immediate protocols.



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

### SURGICAL PREDICTABILITY AND EFFICIENCY WITH A LIMITLESS SOLUTION.

Guided surgery is designed to reduce chair time and postoperative discomfort. It helps increasing implant positioning accuracy <sup>(17)</sup>.



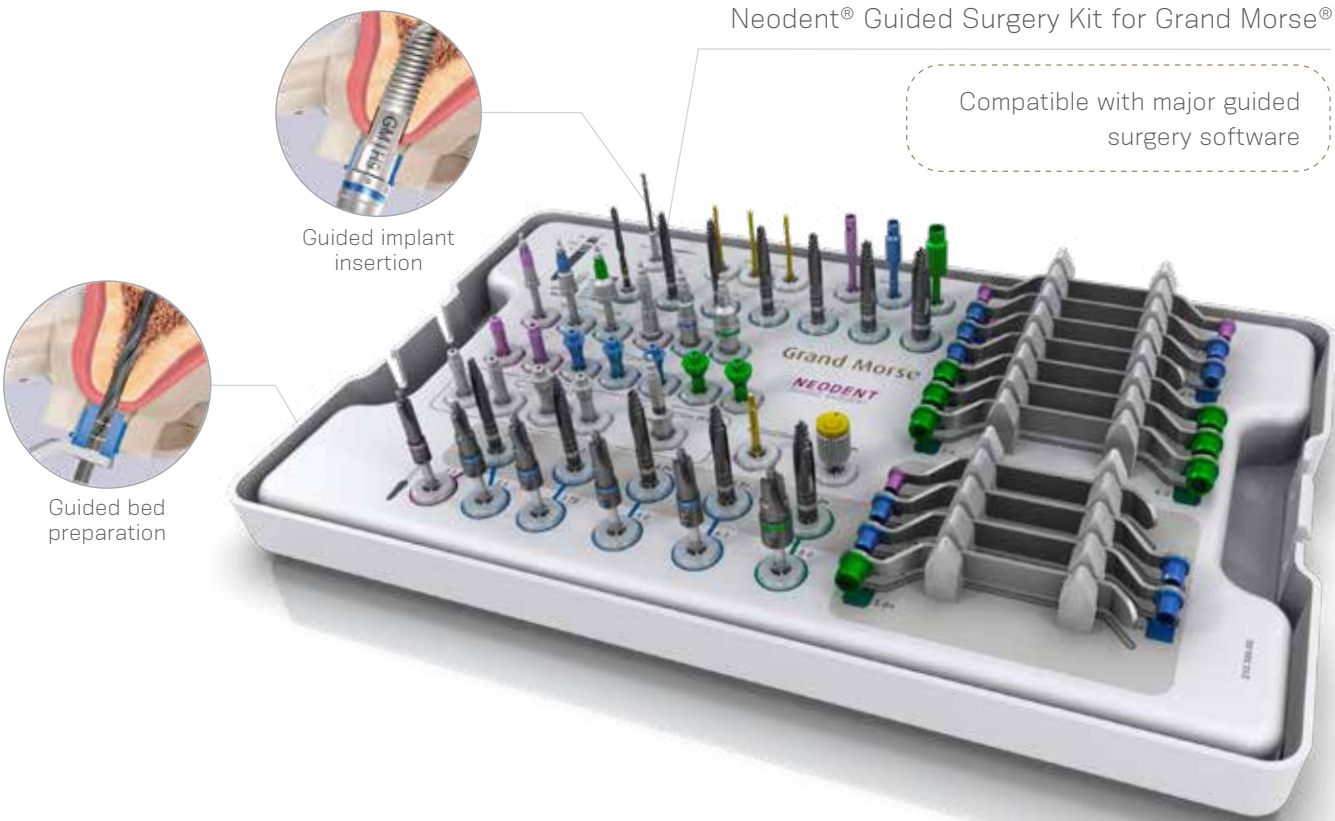
**Complete**  
Helix® and Drive GM®  
Implants portfolio



**Convenient**  
Color-coded instruments  
and symbol-marked

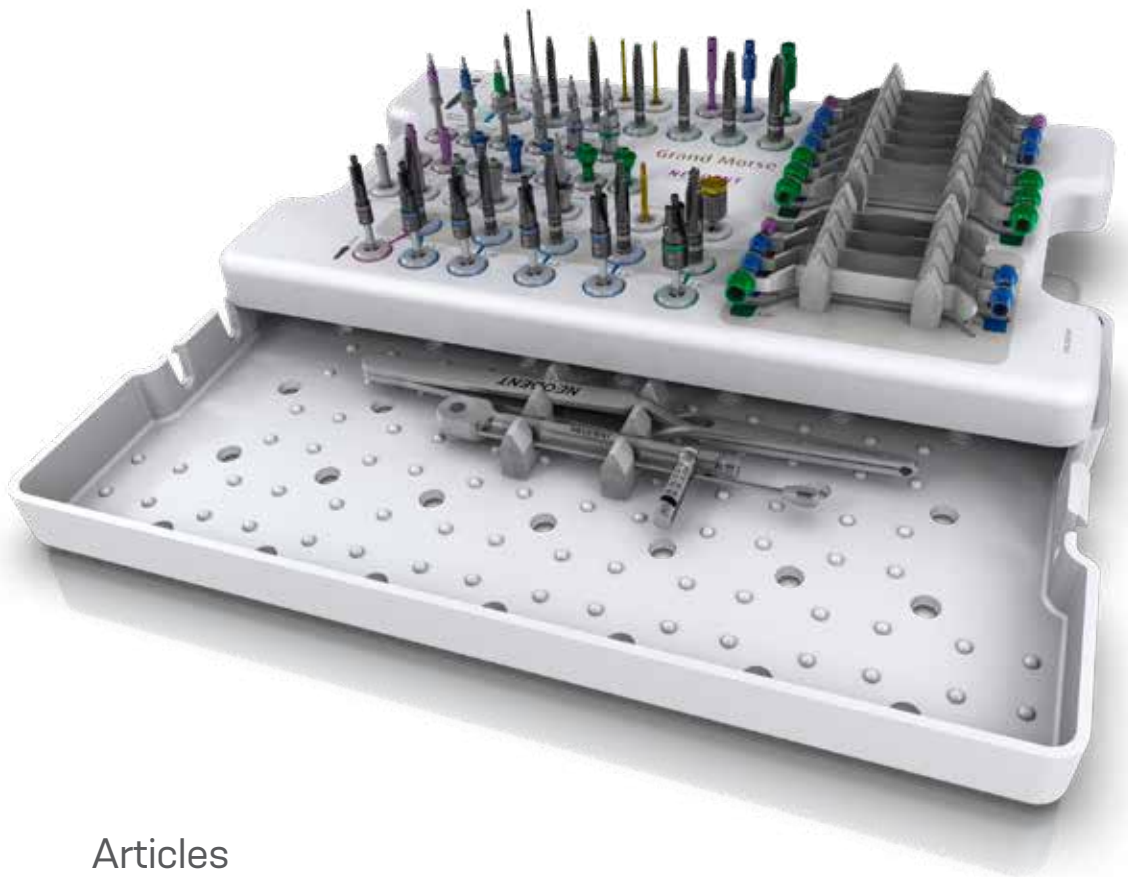


**Flexible**  
2 sleeve height positions



# 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.



078

## Articles

- 110.296
- GM Guided Surgery Surgical Kit Case
- 103.395
- Guided Surgery 1.3
- 125.100
- Guided Surgery Guide Clamp
- 103.429
- Narrow Guided Surgery Punch - Contra-Angle
- 103.430
- Regular Guided Surgery Punch - Contra-Angle
- 103.431
- Wide Guided Surgery Punch - Contra-Angle
- 103.432
- Guided Surgery Drill 2.0
- 103.433
- Tapered Guided Surgery Drill 3.5\*
- 103.434
- Tapered Guided Surgery Drill 3.75\*
- 103.435
- Tapered Guided Surgery Drill 4.0\*
- 103.436
- Tapered Guided Surgery Drill 4.3\*
- 103.437
- Tapered Guided Surgery Drill 5.0\*
- 103.438
- Tapered Guided Surgery Drill 6.0\*
- 105.139
- Narrow Guided Surgery GM Connection - Contra-angle
- 105.140
- Regular Guided Surgery GM Connection - Contra-angle
- 105.141
- Wide Guided Surgery GM Connection - Contra-angle
- 105.142
- Narrow Guided Surgery GM Connection for Torque Wrench
- 105.143
- Regular Guided Surgery GM Connection for Torque Wrench
- 105.144
- Wide Guided Surgery GM Connection for Torque Wrench
- 125.130
- Narrow Guided Surgery GM Guide Stabilizer
- 125.131
- Regular Guided Surgery GM Guide Stabilizer
- 125.132
- Wide Guided Surgery GM Guide Stabilizer
- 125.133
- Narrow Guided Surgery GM Guide Stabilizer (Long)
- 125.134
- Regular Guided Surgery GM Guide Stabilizer (Long)
- 105.145
- Guided Surgery GM H11 Connection for Torque Wrench
- 105.136
- Neo Screwdriver Torque Connection - Contra-angle (Medium)

- 104.060
- Neo Manual Screwdriver (Medium)
- 103.439
- Tapered Contour Guided Surgery Drill 3.5\*
- 103.440
- Tapered Contour Guided Surgery Drill 3.75\*
- 103.441
- Tapered Contour Guided Surgery Drill 4.0\*
- 103.442
- Tapered Contour Guided Surgery Drill 4.3\*
- 103.443
- Tapered Contour Guided Surgery Drill 5.0\*
- 103.444
- Narrow Guided Surgery GM Pilot Drill 3.5
- 103.445
- Regular Guided Surgery GM Pilot Drill 3.5
- 103.446
- Guided Surgery GM Pilot Drill 3.75
- 103.447
- Guided Surgery GM Pilot Drill 4.0
- 103.448
- Guided Surgery GM Pilot Drill 4.3
- 103.449
- Guided Surgery GM Pilot Drill 5.0
- 125.119
- Narrow Guided Surgery Drill Guide 2.0/3.5
- 125.121
- Regular Guided Surgery Drill Guide 2.0/3.5
- 125.122
- Regular Guided Surgery Drill Guide 3.75/4.0
- 125.123
- Regular Guided Surgery Drill Guide 4.3
- 125.126
- Wide Guided Surgery Drill Guide 2.0/3.5
- 125.127
- Wide Guided Surgery Drill Guide 4.0/4.3
- 125.128
- Wide Guided Surgery Drill Guide 5.0/6.0
- 125.120
- Narrow Tapered Contour Guided Surgery Drill Guide 3.5
- 125.124
- Regular Tapered Contour Guided Surgery Drill Guide 3.5/3.75
- 125.125
- Regular Tapered Contour Guided Surgery Drill Guide 4.0/4.3
- 125.129
- Wide Tapered Contour Guided Surgery Drill Guide 5.0
- 129.001
- Titanium Tweezers
- 104.050
- Torque Wrench

Note: Items that compose Neodent® Kits are sold separately.  
\*Conventional guided surgery drills that can be replaced by the respective short version.



### Guided Surgery Drill 1.3 and Guide Clamp

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

Drill Ø 1.3	Guide Clamp
103.395	125.100



### Guided Surgery Tapered Drills

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

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



### Guided Surgery Tapered Contour Drills

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

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



### Guided Surgery 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.

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

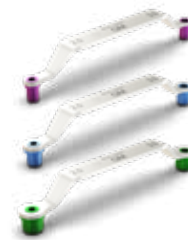
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**Guided Surgery Punch - Contra-Angle**

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

Narrow	Regular	Wide
103.429	103.430	103.431

**Guided Surgery Drill Guides**

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

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

**Guided Surgery GM Connection - Contra-Angle**

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

Narrow	Regular	Wide
105.139	105.140	105.141

**Guided Surgery 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 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

**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 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

**► Sleeves for Neodent® Guided Surgery System**

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



Sleeve for Narrow Guided Surgery System

125.135



Sleeve for Regular Guided Surgery System

125.136



Sleeve for Wide Guided Surgery System

125.137



Sleeve of Setter for Guided Surgery System

125.138

# Posterior Implant Solution

Immediate placement in challenging post extraction sockets;

Immediate implant placement with optimized wide implant design:



- Designed to achieve high primary stability in wide post extraction sockets;
- Grand Morse® Helix® – the Unbeatable Versatility.

Deliver natural-looking esthetics thanks to an optimized wide emergence profile design:

- A wide customizable healing abutment was designed to maintain the molar emergence profile;
- Consistent emergence profile for excellent esthetics outcomes.



## Drill Sequence Helix GM® Ø 6.0

						
Initial	Ø 2.0	Ø 3.5	Ø 3.75	Ø 4.3	Ø 5.0	Ø 6.0
103.170	103.425	103.399	103.402	103.408	103.411	103.427
Optional	✓	✓	✓	✓	✓	✓

Bone types III and IV 

## Helix GM® Ø 6.0 Implants


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

## GM Customizable Healing Abutment

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


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

## GM Exact Titanium Base

	GH	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm
4 mm	Ø 5.5	135.284	135.285	135.286	135.287	135.288
	Ø 6.5		135.319	135.320	135.321	135.322
6 mm	GH	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm
	Ø 5.5	135.290	135.291	135.292	135.293	135.294
	Ø 6.5		135.323	135.324	135.325	135.326

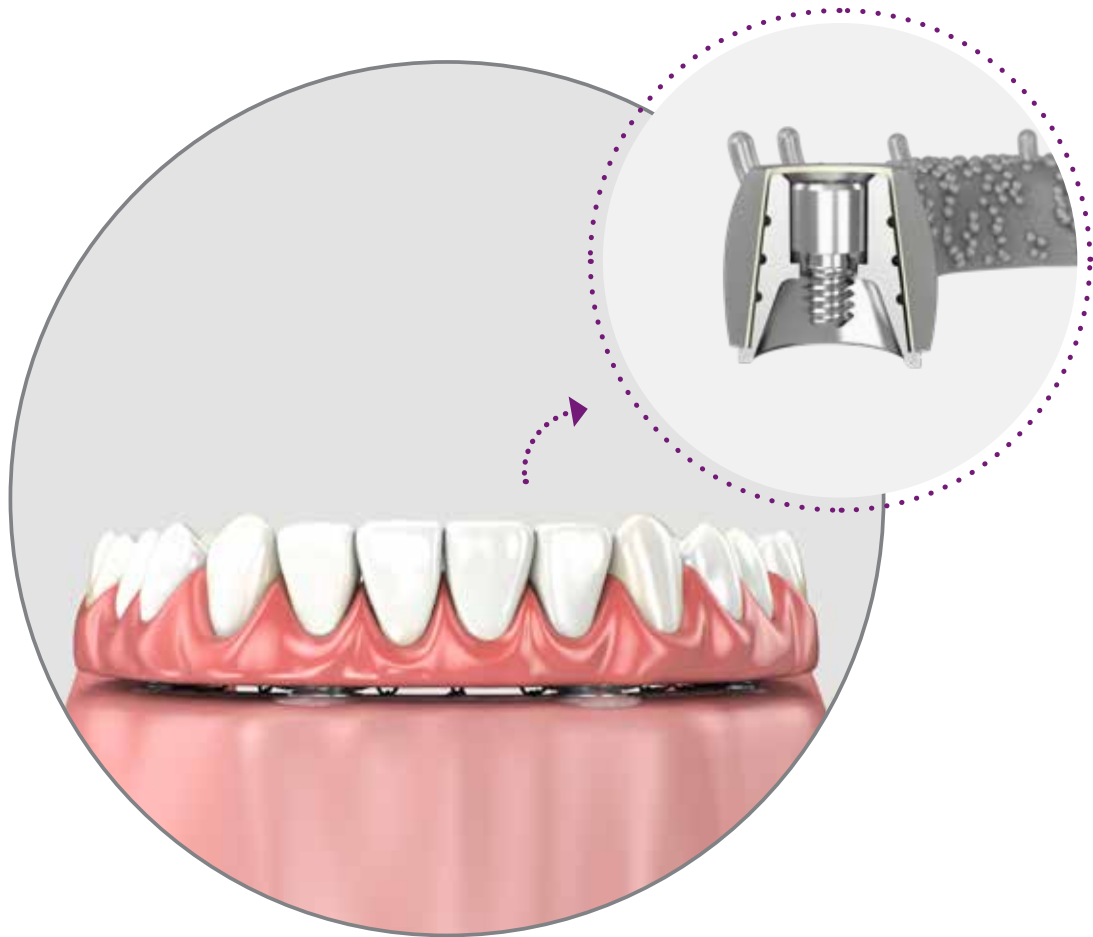
⚠ Use the Neo Screwdriver Torque Connection - Torque Wrench (105.132).

## GM Titanium Base Burn-out Coping

		4 mm	6 mm
Ø 5.5	118.329	118.342	

# One Step Hybrid Technique

Technique that allows passive fitting, with no need for welding as the titanium coping is cemented to the substructure.  
Used for multiple prostheses and reduces laboratory work times.



## Neo Mini Conical Abutment One Step Hybrid Copings

:: 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	118.330



## Neo Micro Conical Abutment One Step Hybrid Copings

:: 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	118.332



## Neo Working Screw One Step Hybrid

:: For laboratory use.

116.271
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► Demonstration Sequence



Regularize the alveolar ridge.



Surgical drilling completed, obtaining adequate distance from distal implant in relation to the mental foramen with 7 mm Space Planning Instrument.



Placement of 4 Neodent® implants, according to their indication.



Placement of corresponding Neodent® Abutments.



Placement of Impression Copings, splinted with acrylic resin.



Positioning of Multifunctional Guide to obtain intermaxillary correlation. Soft silicone is injected to take the soft tissue impression.



Removal of Multi-Functional Guide and placement of Analogs to the impression copings.



Working model with artificial gum.



Burn-out One Step Hybrid Coping, Brass One Step Hybrid Coping, grooved Titanium One Step Hybrid Coping. The last one with lower dimensions than the brass one, which compensates using the mill.



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



Castable ring with waxed framework.



Cast framework.



Place the framework over the stone model.



Please note cementing area.



Cementing with Panavia the structure over the titanium copings.



Final inside-mouth view.

# Distal Bar Technique

Technique used to ease mandible rehabilitation, through a provisional hybrid type prostheses supported by implants.



### Neo Distal Bar Coping

- :: Available in titanium;
- :: Retainers to ease joining with acrylic resin;
- :: Recommended torque: 10 N.cm;
- :: For torque, use Neo Screwdriver (105.132)

118.308

### Neo Distal Bar

- :: Recommended for distal Implants to reinforce the cantilever.

125.116

### Polishing Protector

- :: Available in surgical steel;
- :: Protection for the lab polishing.

123.008

## Demonstration Sequence



- 1 Neodent® Abutments placed.



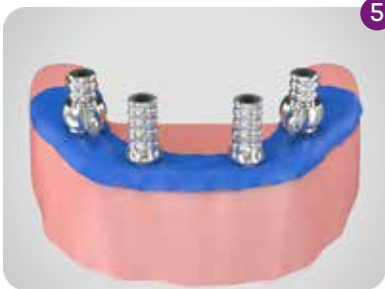
- 2 Prosthesis wearing, keeping posterior region integrity.



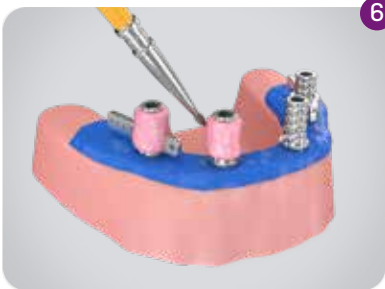
- 3 Place the copings into the central Implants and Distal Bar to distal Implants.



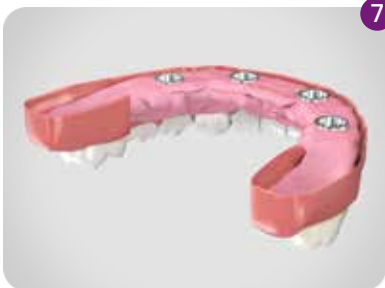
- 4 Proof of inferior prostheses wearing (centered occlusion position, no interference on copings).



- 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.



Visit [www.neodent.com/cadcam](http://www.neodent.com/cadcam) to download the digital files to work with Neodent® Titanium Bases, Titanium Blocks, Abutments, Mini Conical Abutments, Micro Abutments, Universal Abutments, One Step Hybrid Copings, Scanbodies and Hybrid Repositionable Analogs. Libraries are available for the following companies: exocad GmbH, Amann Girrbach AG Inc, Dental Wings Inc and 3Shape A/S.

► Scanbody

Neodent® Scanbodies can be used for scanning and digitalization of the patient or model providing accuracy in determining the analog position.



- 108.183 GM Exact Implant Intraoral Scanbody
- 108.181 GM Exact Implant Scanbody (for model)
- 108.196 GM Mini Conical Abutment Scanbody (intraoral and model)
- 108.197 GM Micro Abutment (intraoral and model)
- 108.198 GM Abutment (intraoral and model)



► Hybrid Repositionable Analog

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



- 101.103 GM Hybrid Repositionable Analog 3.5/3.75
- 101.089 GM Hybrid Repositionable Analog 4.0/4.3
- 101.090 GM Hybrid Repositionable Analog 5.0/6.0
- 101.091 Micro Abutment Hybrid Repositionable Analog
- 101.092 Mini Conical Abutment Hybrid Repositionable Analog
- 101.097 Universal Abutment Hybrid Repositionable Analog 3.3X4
- 101.098 Universal Abutment Hybrid Repositionable Analog 3.3X6
- 101.099 Universal Abutment Hybrid Repositionable Analog 4.5X4
- 101.100 Universal Abutment Hybrid Repositionable Analog 4.5X6
- 101.101 GM Abutment Hybrid Repositionable Analog

Torque Wrench

- :: Available in surgical steel;
- :: Extremely safe (lower than 5% variation);
- :: Fitting for square connections;
- :: Collapsible Wrench that allows for proper assembly cleaning.

104.050



Operation 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 Neodent® Torque Wrench comes with pre-calibrated torques.



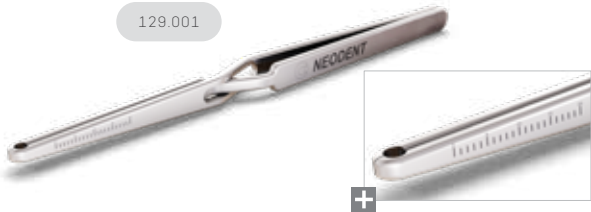
The wrench function works in both directions, by simply pulling and turning the driver's pin 180°. However, the torque measurements work only lockwise.

•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.



Titanium Tweezers

- :: To handle implants;
- :: New Tweezer system that prevents deviation in the active bit;
- :: Millimeter scale for checking during procedures;
- :: Self-locking implant.



Depth Probe

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



7 and 9 mm Space Planning Instrument

- :: Available in surgical steel;
- :: Recommended for prosthetic/surgical planning.
- :: 7 and 9 mm marks.



Surgical Labial Retractor

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



Columbia Retractor

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



Scapel Handle

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

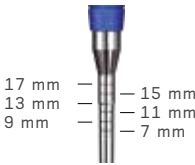


Bivers Handle

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



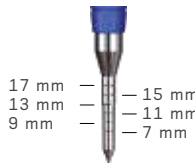
Concave Osteotome



- :: 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.

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

Convex Osteotome



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

1.8 mm	2.5 mm	3.0 mm	3.5 mm
110.160	110.161	110.162	110.163

Osteotomes Kit Case

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



Surgical Hammer

- :: Available in surgical steel;
- :: Polymer active bit;
- :: Used in compactors and expanders;
- :: Weight: 130g.



126.001

Complement Case

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



110.270

Trephine Bur

- :: Available in surgical steel;
- :: Collecting bone cylinder;
- :: Implant removal.



0.35 mm

Ø 3.3	Ø 4.1	Ø 4.3	Ø 5.0	Ø 8.0
103.051	103.026	103.087	103.027	103.028

Handle Implant Driver

- :: Available in stainless steel;
- :: Manual implant placement.



104.047

Sinus Lift Curette

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

1	3	4	5	7
126.008	126.009	126.010	126.011	126.012



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



Znakomity marketing Neodent usprawni Twoją komunikację z pacjentami.

Odwiedź nową stronę dla pacjentów Neodent:

**[www.mojimplant.com.pl](http://www.mojimplant.com.pl)**