

GREATNESS IS AN ACHIEVEMENT.

NEODENT® GRAND MORSE



**Grand Morse®
Connection**



**Helix®
Implant**



**Acqua
Surface**



30 years

CELEBRATING
IS A CHOICE.

 neodent.com/30years



Neodent® is celebrating its 30th anniversary! Over time, millions of smiles have been created in partnership with professionals worldwide. Throughout the years, the Neodent® continues to celebrate the choice of creating new smiles every day, to change lives of patients in 90 countries where the brand is present.



GLOBAL BRAND

Available in 90 countries with over 3 million implants sold annually.



FOUNDED BY A DENTIST TO DENTISTS

A legacy of 30 years focused on ease of use.



PROGRESSIVE TREATMENT CONCEPTS

Modern and reliable solutions.



THERAPY ACCESS AND AFFORDABILITY

Accessability to proven and affordable solutions.

In 2023 Neodent® will celebrate all achievements that brought the brand here! There are many reasons to celebrate, and you can follow all of them on Neodent digital channels. Follow us to learn more about the company's history, philosophy, and solutions.

NEODENT GLOBAL PLAY

Neodent Global Play is an amazing Training and Education online platform that gathers great content available **on-demand and for free**. You will find out clinical cases, product training videos, tutorials, and much more!

Registration is simple and automatic, you only need to fill out the form to have instant access to all the great content.



Check at the address:
globalplay.neodent.com



Helix[®] Grand Morse[®]

Unbeatable versatility

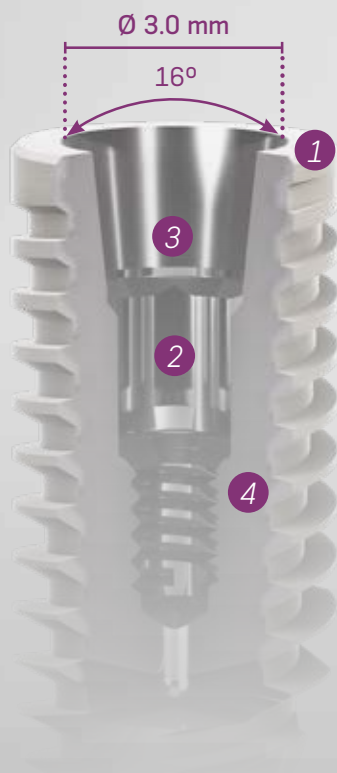
Enjoy more treatment flexibility for your patients to create the optimal tooth replacement outcomes for all indications, from single tooth to fully edentulous. The Helix[®] Grand Morse[®] allows for tailored treatment options according to the specific clinical situation, taking into account the biological principles and with respect to the fundamentals of implant dentistry.



GRAND RELIABILITY

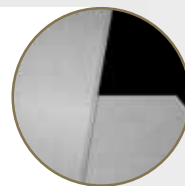
STABLE AND STRONG FOUNDATION DESIGNED FOR LONG TERM SUCCESS

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



1 Platform Switching

Abutment design with a narrower diameter than the implant coronal area, enabling the platform switching concept⁽¹⁻⁵⁾.



2 Internal Indexation

Precise abutment positioning, protection against rotation and easy handling.



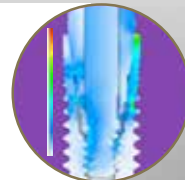
3 Deep Connection

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 STABILITY

DESIGNED FOR PREDICTABLE IMMEDIATE TREATMENTS IN ALL BONE TYPES

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.

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



Dynamic progressive thread design

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



Active apex

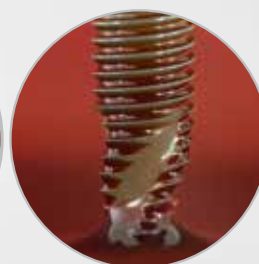
- Soft rounded small tip
- Helical flutes
- » Enabling immediate loading

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.^[6-9]



NeoPoros Surface



Acqua Hydrophilic Surface

Hydrophilicity:

The hydrophilic surface presents a smaller contact angle when in contact with liquids. This provides greater accessibility of organic fluids to Acqua implant surface⁽⁷⁾



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.

NEXT LEVEL OF IMMEDIATE FIXED FULL-ARCH TREATMENT

The 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.



Titanium Temporary Abutment



Pro-Peek Abutment



Titanium Base



Titanium Base C



Titanium Base for Bridge



Titanium Block
(AG or Medentika
Holder)



CoCr Abutment



Anatomic Abutment
(straight and angled)



Universal Abutment
(straight and angled)



Abutment



Angled Mini Conical
Abutment



Novaloc
(straight and angled)



Titanium Base AS



Straight Mini
Conical Abutment



Micro Abutment



Single-unit screw-
retained prosthesis



Single-unit cement-
retained prosthesis



Overdenture



Multi-unit screw-
retained prosthesis



Multi-unit cement-
retained prosthesis



Temporary



GRAND SIMPLICITY

EASE OF USE AT ITS BEST

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

ONE PROSTHETIC PLATFORM

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



ONE SCREWDRIVER

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



ONE IMPLANT DRIVER

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



ONE SURGICAL KIT

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



HELIX GM®

Indications: all clinical situations and different bone densities. Placement in bone type III and IV (with possibility of subinstrumentation), I and II with the use of contour drills. Drilling speed: 800 - 1200 rpm for type I and II bones; 500-800 rpm for type III and IV bones | Placement speed: 30 rpm | Maximum insertion torque: 60 N.cm

IMPLANT / SURFACE



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



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



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



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



	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



	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

DRILLING SEQUENCE



Helix GM® Compact
Pre-mounted
Surgical Kit

110.303



	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

INITIAL DRILLING SEQUENCE

Ø3.5	103.170*	103.425		
Ø3.75	103.170*	103.425	103.561	
Ø4.0	103.170*	103.425	103.561	
Ø4.3	103.170*	103.425	103.561	103.564
Ø5.0	103.170*	103.425	103.561	
Ø6.0	103.170*	103.425	103.561	103.564
Ø7.0	103.170*	103.425	103.561	

DRILLING SEQUENCE FOR TYPES I AND II BONES

103.578	103.513			
103.579	103.514			
103.584	103.580	103.515		
103.567	103.581	103.516		
103.564	103.567*	103.570	103.582	103.517
	Not Recommended			
	Not Recommended			

DRILLING SEQUENCE FOR TYPES III AND IV BONES

103.561				
103.564*				
103.567*				
103.570*				
103.570	103.573*			
103.570	103.573	103.576		
103.570	103.573	103.576	103.577*	

*OPTIONAL

DIRECTION INDICATOR



Ø2.8/3.5
128.019



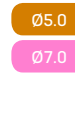
Ø3.0/3.75
128.020



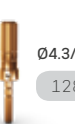
Ø3.3/4.0
128.021



Ø3.6/4.3
128.022



Ø7.0



Ø4.3/5.0
128.023

DRIVERS AND TORQUE WRENCH



Torque Wrench

104.050



GM Implant Driver
Contra-angle

105.131



GM Implant Driver
Torque Wrench (Short)

105.129



GM Implant Driver
Torque Wrench (Long)

105.130

COVER SCREW



GM Cover Screws

0 mm 2 mm

117.021

117.022



Neo Manual Screwdriver

104.058

Short

104.060

Medium

104.070

Long

HEALING ABUTMENTS

GM Healing Abutments



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

GM Customizable Healing Abutments



	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

SURGICAL ACCESSORIES



GM Height
Measurer

128.028



Angle
Measurers

17° 128.030

30° 128.031



GM Bone
Profile Drill

105.130



Abutment
Angle
Measurers

17° 128.032

30° 128.033

Screw/Cement Retained Solutions

Single-Unit

Implant Level

Digital Workflow

GM Titanium Base
Angled Solution (AS)

GH	0.8 mm	1.5 mm	2.5 mm
Ø 4.0	135.327	135.328	135.329
Ø 4.5	135.333	135.334	135.335
Ø 5.5	135.339	135.340	135.341
Ø 4.0	135.330	135.331	135.332
Ø 4.5	135.336	135.337	135.338
Ø 5.5	135.342	135.343	135.344

Angled Solution Screwdriver

Digital/Conventional Workflows

GM Exact
Titanium Base

GH	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm
Ø 3.5	135.355	135.356	135.357	135.358	135.359
Ø 4.5	135.367	135.368	135.369	135.370	135.371
Ø 5.5	135.379	135.380	135.381	135.382	135.383
Ø 6.5		135.391	135.392	135.393	135.394
Ø 3.5	135.361	135.362	135.363	135.364	135.365
Ø 4.5	135.373	135.374	135.375	135.376	135.377
Ø 5.5	135.385	135.386	135.387	135.388	135.389
Ø 6.5		135.395	135.396	135.397	135.398

Neo Screwdriver Torque Connection

Digital Workflow



Titanium Base C for GM Exact

GH	0.8 mm	1.5 mm	2.5 mm
	135.349	135.350	135.351
3.5 mm	135.352	135.353	135.354

Neo Screwdriver Torque Connection

Abutment
Selection

Impression

GM Implant
Scanbody

108.207

GM Implant Exact
Impression Coping

Closed Tray	Open Tray	Regular
108.160	108.162	
108.161	108.163	Long

GM Scanbase for C



GH	0.8	1.5	2.5
	108.228	108.229	108.230
3.5	108.231	108.232	108.233

*Optional scanning workflow

Model
Production

GM Implant Analog



Ø3.5/3.75/ 4.0/4.3	Ø5.0/6.0/7.0	Conventional
101.074	101.075	

Ø3.5/3.75	Ø4.0/4.3	Ø5.0/6.0/7.0	Hybrid Repositionable (conventional/digital)
101.103	101.089	101.090	

Intraoral Scanning with scanbodies
provided by Dentsply Sirona

Provisional

GM Pro Peek
Abutment

	0.8 mm	1.5 mm	2.5 mm
Ø4.5	114.874	114.875	114.876
Ø6.0	114.880	114.881	114.882
	3.5 mm	4.5 mm	5.5 mm
Ø4.5	114.877	114.878	114.879
Ø6.0	114.883	114.884	114.885

Neo Screwdriver Torque Connection

GM Temporary
Abutment for Crown

	0.8 mm	1.5 mm
Ø3.5	118.344	118.345
Ø4.5	118.348	118.349
	2.5 mm	3.5 mm
Ø3.5	118.346	118.347
Ø4.5	118.350	118.351

Neo Screwdriver Torque Connection

GM Temporary
Abutment for Bridge

	0.8 mm	1.5 mm
Ø3.5	118.352	118.353
Ø4.5	118.356	118.357
	2.5 mm	3.5 mm
Ø3.5	118.354	118.355
Ø4.5	118.358	118.359

Neo Screwdriver Torque Connection

Model
ScanningGM Implant
Scanbody

108.207

Select in the CAD software the
comparable third party Ti-Base and
perform the digital design and mill it

Final Coping

Not Applicable



Titanium Base Burn-out Coping

	4 mm	6 mm
Ø 3.5	118.322	118.323
Ø 4.5	118.325	118.327
Ø 5.5	118.329	118.342

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

Screws

Screw for GM
Titanium Base AS

116.288

GM Neo Screw
for Titanium Bases and Pro Peek

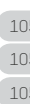
116.291	GH 0.8/1.5/ 2.5
116.292	GH 3.5/4.5/5.5 and all Titanium Bases

Neo GM Screw



Neotorque	Titanium
116.285	116.286

Drivers

Angled Solution Screwdriver (AS)
Contra-angle Torque Wrench

105.147	105.150	Short
105.148	105.151	Regular
105.149	105.152	Long

Neo Screwdriver Torque Connection



Contra-angle

105.135	Short
105.167	Long
105.146*	Extra Short

Torque Wrench



105.132	Medium
105.133	Short
105.157	Long

TYPES OF RESTORATIONS		Screw/Cement Retained Solutions		Screw Retained Solutions						
		Single/Multiple-Unit		Single-Unit		Multiple-Unit				
		Implant Level								
Level of Work	Abutment Selection	 GM Titanium Block - Medentika Holder Ø11.5mm 135.252 Ø15.8 mm 135.253 Neo Screwdriver Torque Connection Screw sold separately		 GM Titanium Block - Amann Girschbach Holder Ø12.0mm 135.226 Neo Screwdriver Torque Connection Screw sold separately		 GM Exact CoCr Abutment Set Ø3.5/3.75 118.309 Ø4.0/4.3 118.310 Ø5.0/6.0 118.311 Neo Screwdriver Torque Connection The set includes one GM CoCr Abutment, one Titanium Screw and one GM Implant Analog. To be used after the specific healing abutment for soft tissue management.		 GM Titanium Base for Bridge GH 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 Neo Screwdriver Torque Connection Allows maximum divergence of 10° for Ø3.5 and 16° for Ø4.5 and Ø5.5		
		Impression	 GM Implant Scanbody 108.207		 GM Implant Exact Impression Coping Closed Tray 108.160 Open Tray 108.162 108.161 108.163 Regular Long		 GM Implant Scanbody 108.207		 GM Implant Exact Impression Coping Open Tray 108.158 108.159 Regular Long	
Model Production	 GM Implant Analog Ø3.5/3.75/4.0/4.3 101.074 Ø5.0/6.0/7.0 101.075 Conventional Ø3.5/3.75 101.103 Ø4.0/4.3 101.089 Ø5.0/6.0/7.0 101.090 Hybrid Repositionable (conventional/digital)		 GM Implant Analog Ø3.5/3.75/4.0/4.3 101.074 Ø5.0/6.0 101.075 Conventional		 GM Implant Analog Ø3.5/3.75/4.0/4.3 101.074 Ø5.0/6.0/7.0 101.075 Conventional Ø3.5/3.75 101.103 Ø4.0/4.3 101.089 Ø5.0/6.0/7.0 101.090 Hybrid Repositionable (conventional/digital)					
	Provisional	 GM Pro Peek Abutment 0.8 mm 1.5 mm 2.5 mm Ø4.5 114.874 114.875 114.876 Ø6.0 114.880 114.881 114.882 3.5 mm 4.5 mm 5.5 mm Ø4.5 114.877 114.878 114.879 Ø6.0 114.883 114.884 114.885 Neo Screwdriver Torque Connection		 GM Temporary Abutment for Crown 0.8 mm 1.5 mm 2.5 mm 3.5 mm Ø3.5 118.344 118.345 118.346 118.347 Ø4.5 118.348 118.349 118.350 118.351 Neo Screwdriver Torque Connection		 GM Temporary Abutment for Bridge 0.8 mm 1.5 mm 2.5 mm 3.5 mm Ø3.5 118.352 118.353 118.354 118.355 Ø4.5 118.356 118.357 118.358 118.359 Neo Screwdriver Torque Connection		 GM Healing for CoCr Abutment Ø3.5/3.75 106.237 Ø4.0/4.3 106.238 Ø5.0/6.0 106.239 Neo Manual Screwdriver		 GM Temporary Abutment for Bridge 0.8 mm 1.5 mm 2.5 mm 3.5 mm Ø3.5 118.352 118.353 118.354 118.355 Ø4.5 118.356 118.357 118.358 118.359 Neo Screwdriver Torque Connection
Model Scanning		 GM Implant Scanbody 108.207		Not Applicable		 GM Implant Scanbody 108.207				
	Final Coping	Not Applicable		Not Applicable		Not Applicable				
Screws		 GM Neo Screw for Titanium Bases and Pro Peek 116.291 GH 0.8/1.5/ 2.5 116.292 GH 3.5/4.5/5.5 and all Titanium Bases		 Neo GM Screw Neotorque Titanium 116.285 116.286		 Neo CoCr Abutment Coping Screw Neotorque Titanium 116.282 116.283		 GM Neo Screw 116.292		
	Drivers	Neo Screwdriver Torque Connection		Contra-angle Short 105.135 Long 105.167 Extra Short 105.146*		Torque Wrench Medium 105.132 Short 105.133 Long 105.157				

*Recommended for Closed-Tray and Open-Tray Impression Copings for implants or abutments, Cover Screws and Healing Abutments.

TYPES OF RESTORATIONS		Screw Retained Solutions																																																				
Level of Work	Single-Unit					Multiple-Unit																																																
	GM Exact Abutment					GM Mini Conical Abutment																																																
Abutment Selection	 GM Exact Abutment  <table><tr><td>GH</td><td>0.8 mm</td><td>1.5 mm</td><td>2.5 mm</td><td>3.5 mm</td><td>4.5 mm</td><td>5.5 mm</td></tr><tr><td></td><td>115.269</td><td>115.270</td><td>115.271</td><td>115.272</td><td>115.273</td><td>115.274</td></tr></table> Neo Screwdriver Torque Connection					GH	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm		115.269	115.270	115.271	115.272	115.273	115.274	 GM Mini Conical Abutment  <table><tr><td>GH</td><td>0.8 mm</td><td>1.5 mm</td><td>2.5 mm</td><td>3.5 mm</td><td>4.5 mm</td><td>5.5 mm</td></tr><tr><td></td><td>115.243</td><td>115.244</td><td>115.245</td><td>115.246</td><td>115.247</td><td>115.248</td></tr></table> Hexagonal Prosthetic Driver  GM Exact Mini Conical Abutment 17°/30°  <table><tr><td>GH</td><td>1.5mm</td><td>2.5mm</td><td>3.5mm</td><td>GH</td><td>1.5mm</td><td>2.5mm</td><td>3.5mm</td></tr><tr><td>17°</td><td>115.275</td><td>115.276</td><td>115.277</td><td>30°</td><td>115.278</td><td>115.279</td><td>115.280</td></tr></table> Neo Screwdriver Torque Connection					GH	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm		115.243	115.244	115.245	115.246	115.247	115.248	GH	1.5mm	2.5mm	3.5mm	GH	1.5mm	2.5mm	3.5mm	17°	115.275	115.276	115.277	30°	115.278	115.279	115.280
	GH	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm																																															
	115.269	115.270	115.271	115.272	115.273	115.274																																																
GH	0.8 mm	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm																																																
	115.243	115.244	115.245	115.246	115.247	115.248																																																
GH	1.5mm	2.5mm	3.5mm	GH	1.5mm	2.5mm	3.5mm																																															
17°	115.275	115.276	115.277	30°	115.278	115.279	115.280																																															
Impression	GM Abutment Scanbody  108.220 GM Abutment Impression Coping  Closed Tray 108.179					Mini Conical Abutment Scanbody  108.218 Slim Mini Conical Abutment Open Tray Impression Coping  108.176																																																
Model Production	Abutment Analog  <table><tr><td>101.076</td><td>Conventional</td></tr><tr><td>101.101</td><td>Hybrid Repositionable (conventional/digital)</td></tr></table>					101.076	Conventional	101.101	Hybrid Repositionable (conventional/digital)	Mini Conical Abutment Analog  <table><tr><td>101.020</td><td>Conventional</td></tr><tr><td>101.092</td><td>Hybrid Repositionable (conventional/digital)</td></tr></table>					101.020	Conventional	101.092	Hybrid Repositionable (conventional/digital)																																				
101.076	Conventional																																																					
101.101	Hybrid Repositionable (conventional/digital)																																																					
101.020	Conventional																																																					
101.092	Hybrid Repositionable (conventional/digital)																																																					
Provisional	Neo Abutment Titanium Coping  118.300  Neo Abutment Protection Cylinder 106.221 Neo Screwdriver Torque Connection					Neo Mini Conical Abutment Titanium Coping  118.302 Neo Mini Conical Abutment Protection Cylinder  106.268 Neo Distal Bar  125.116 Neo Mini Conical Abutment for Distal Bar Coping  118.308 Neo Screwdriver Torque Connection																																																
Model Scanning	GM Abutment Scanbody  108.220					Mini Conical Abutment Scanbody  108.218																																																
Final Coping	 Neo Abutment Copings for Crown <table><tr><td>Burn-Out</td><td>CoCr</td><td>Digital</td></tr><tr><td>118.298</td><td>118.299</td><td>118.362</td></tr></table> Neo Screwdriver Torque Connection					Burn-Out	CoCr	Digital	118.298	118.299	118.362	Conventional Neo Mini Conical Abutment Copings  <table><tr><td>Burn-Out</td><td>CoCr</td></tr><tr><td>118.301</td><td>118.303</td></tr></table> Neo Mini Conical Abutment Copings One Step Hybrid Technique  <table><tr><td>Burn-out</td><td>Brass</td><td>Titanium</td></tr><tr><td>118.340</td><td>118.331</td><td>118.382</td></tr></table> Neo Screwdriver Torque Connection Digital Neo Micro Conical Abutment One Step Hybrid Coping  <table><tr><td>Titanium</td></tr><tr><td>118.382</td></tr></table> Neo Screwdriver Torque Connection					Burn-Out	CoCr	118.301	118.303	Burn-out	Brass	Titanium	118.340	118.331	118.382	Titanium	118.382																										
Burn-Out	CoCr	Digital																																																				
118.298	118.299	118.362																																																				
Burn-Out	CoCr																																																					
118.301	118.303																																																					
Burn-out	Brass	Titanium																																																				
118.340	118.331	118.382																																																				
Titanium																																																						
118.382																																																						
Screws and Polishing Protectors	GM Neo Screw  <table><tr><td>116.290</td><td>GH 0.8</td></tr><tr><td>116.291</td><td>GH 1.5/2.5</td></tr><tr><td>116.292</td><td>GH 3.5/4.5/5.5</td></tr></table> Neo Abutment Coping Screw  <table><tr><td>116.267</td><td>Neotorque</td></tr><tr><td>116.266</td><td>Titanium</td></tr></table>					116.290	GH 0.8	116.291	GH 1.5/2.5	116.292	GH 3.5/4.5/5.5	116.267	Neotorque	116.266	Titanium	GM Neo Screw  <table><tr><td>116.291</td><td>GH 1.5/2.5</td></tr><tr><td>116.292</td><td>GH 3.5/4.5/5.5</td></tr></table> Neo Mini Conical Abutment Coping Screw  <table><tr><td>116.270</td><td>Neotorque</td></tr><tr><td>116.269</td><td>Titanium</td></tr></table> Mini Conical Abutment Polishing Protector  123.008 Neo Working Screw One Step Hybrid  116.271					116.291	GH 1.5/2.5	116.292	GH 3.5/4.5/5.5	116.270	Neotorque	116.269	Titanium																										
116.290	GH 0.8																																																					
116.291	GH 1.5/2.5																																																					
116.292	GH 3.5/4.5/5.5																																																					
116.267	Neotorque																																																					
116.266	Titanium																																																					
116.291	GH 1.5/2.5																																																					
116.292	GH 3.5/4.5/5.5																																																					
116.270	Neotorque																																																					
116.269	Titanium																																																					
Drivers	Neo Screwdriver Torque Connection  <table><tr><td>Contra-angle</td><td>Torque Wrench</td></tr><tr><td>105.135</td><td>Short</td></tr><tr><td>105.167</td><td>Long</td></tr><tr><td>105.146*</td><td>Extra Short</td></tr></table>					Contra-angle	Torque Wrench	105.135	Short	105.167	Long	105.146*	Extra Short	Hexagonal Prosthetic Driver  <table><tr><td>105.137</td><td>Torque Wrench</td></tr><tr><td>105.138</td><td>Contra-angle</td></tr></table>					105.137	Torque Wrench	105.138	Contra-angle																																
Contra-angle	Torque Wrench																																																					
105.135	Short																																																					
105.167	Long																																																					
105.146*	Extra Short																																																					
105.137	Torque Wrench																																																					
105.138	Contra-angle																																																					

TYPES OF RESTORATIONS	Level of Work	Screw Retained Solutions				Cement Retained Solutions			
		Single/Multiple-Unit				Single-Unit			
		GM Micro Abutment				GM Exact Click Anatomic Abutment			
Abutment Selection	GM Micro Abutment GH 0.8 mm 115.255 1.5 mm 115.256 2.5 mm 115.257 3.5 mm 115.258 4.5 mm 115.259 5.5 mm 115.260 Hexagonal Prosthetic Driver				GM Exact Click Anatomic Abutment Standard 1.5 mm 114.862 Narrow 1.5 mm 114.868 Standard 2.5 mm 114.863 Narrow 2.5 mm 114.869 Standard 3.5 mm 114.864 Narrow 3.5 mm 114.870 GM Exact Click Anatomic Abutment 17° Standard 1.5 mm 114.865 Narrow 1.5 mm 114.871 Standard 2.5 mm 114.866 Narrow 2.5 mm 114.872 Standard 3.5 mm 114.867 Narrow 3.5 mm 114.873 Neo Screwdriver Torque Connection				
	Impression	Micro Abutment Scanbody 108.219 For Crowns and Bridges Micro Abutment Impression Coping 108.182 Closed Tray for Crown 108.178 Slim Open Tray for Bridge				GM Implant Exact Impression Coping Closed Tray 108.160 Open Tray 108.162 108.161 108.163 Regular Long			
Model Production	Micro Abutment Analog 101.078 Conventional 101.091 Hybrid Repositionable (conventional/digital)				GM Implant Analog Ø3.5/3.75/4.0/4.3 101.074 Ø5.0/6.0/7.0 101.075 Conventional Ø3.5/3.75 101.103 Ø4.0/4.3 101.089 Ø5.0/6.0/7.0 101.090 Hybrid Repositionable (conventional/digital)				
Provisional	Neo Micro Abutment Titanium Coping 118.297 For Bridge 118.317 For Crown Neo Micro Abutment Protection Cylinder 106.267 Neo Screwdriver Torque Connection				Click Anatomic Abutment Provisional Coping 118.334 Standard 118.335 Narrow				
Model Scanning	GM Micro Abutment Scanbody 108.219 For Crowns and Bridges				Not Applicable				
Final Coping	Neo Micro Abutment Copings Conventional Burn-Out 118.295 CoCr 118.296 118.315 118.316 Neo Micro Abutments Copings One Step Hybrid Technique Burn-out 118.341 Brass 118.333 Titanium 118.381 Neo Screwdriver Torque Connection Neo Micro Conical Abutment One Step Hybrid Coping Digital Titanium 118.381 For Bridge 118.363 For Crown Neo Screwdriver Torque Connection				Not Applicable				
Screws and Polishing Protectors	Neo Micro Abutment Coping Screw Neotorque 116.270 Titanium 116.269 Micro Abutment Polishing Protector 123.015 For Bridge Neo Working Screw One Step Hybrid 116.271 Neo Screwdriver Torque Connection				GM Neo Screw 116.291 GH 1.5/2.5 116.292 GH 3.5				
Drivers	Neo Screwdriver Torque Connection Contra-angle 105.135 Short 105.167 Long 105.146* Extra Short Torque Wrench 105.132 Medium 105.133 Short 105.157 Long Hexagonal Prosthetic Driver 105.137 Torque Wrench 105.138 Contra-angle				Neo Screwdriver Torque Connection Contra-angle 105.135 Short 105.167 Long 105.146* Extra Short Torque Wrench 105.132 Medium 105.133 Short 105.157 Long				

TYPES OF RESTORATIONS	Level of Work	Cement Retained Solutions								Overdenture							
		Single-Unit															
		GM Exact Click Universal Abutment								GM Novaloc							
Abutment Selection	GM Exact Click Universal Abutment GH 0.8 mm 1.5 mm 2.5 mm 3.5 mm 4.5 mm 5.5 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 Ø .5 114.844 114.845 114.846 114.847 114.848 114.849 Neo Screwdriver Torque Connection GM Exact Click Universal Abutment 17°/30° 4 mm 17° 6 mm Ø3.3 Ø4.5 Ø3.3 Ø4.5 Ø3.3 Ø4.5 Ø3.3 Ø4.5 1.5 mm 114.802 114.808 114.805 114.811 114.814 114.820 114.817 114.823 2.5 mm 114.803 114.809 114.806 114.812 114.815 114.821 114.818 114.824 3.5 mm 114.804 114.810 114.807 114.813 114.816 114.822 114.819 114.825 GM Novaloc 0.8mm 1.5mm 2.5mm 102.161 102.162 102.163 3.5mm 4.5mm 5.5mm 102.164 102.165 102.166 Neo Screwdriver Torque Connection GM Novaloc 15° 0.8mm 1.5mm 2.5mm 102.167 102.168 102.169 3.5mm 4.5mm 5.5mm 102.170 102.171 102.172 Neo Screwdriver Torque Connection																
	Impression	Universal Abutment Intraoral Scanbody 4mm Ø3.3 108.143 Ø4.5 108.145 6mm Ø3.3 108.144 Ø4.5 108.146 Click Universal Abutment Impression Coping 4 mm Ø3.3 108.172 Ø4.5 108.174 6 mm Ø3.3 108.173 Ø4.5 108.175															
	Model Production	Universal Abutment Analog 4 mm Ø3.3 101.070 Ø4.5 101.072 6 mm Ø3.3 101.071 Ø4.5 101.073 Click (conventional) 4 mm Ø3.3 101.097 Ø4.5 101.099 6 mm Ø3.3 101.098 Ø4.5 101.100 Hybrid Repositionable (conventional/digital)															
Provisional	Click Universal Abutment Provisional Coping 4 mm Ø3.3 118.304 Ø4.5 118.306 6 mm Ø3.3 118.305 Ø4.5 118.307																
Model Scanning	Not Applicable																
Final Coping	Universal Abutment Coping (Burn-out) 4 mm Ø3.3 118.181 Ø4.5 118.183 6 mm Ø3.3 118.182 Ø4.5 118.184																
Screws	GM Neo Screw 116.291 GH 1.5/2.5 116.292 GH 3.5																
Drivers	Neo Screwdriver Torque Connection Contra-angle 105.135 Short 105.167 Long 105.146* Extra Short Torque Wrench 105.132 Medium 105.133 Short 105.157 Long																

Overdenture		
GM Novaloc		
20 Ncm	GM Novaloc 0.8mm 1.5mm 2.5mm 102.161 102.162 102.163 3.5mm 4.5mm 5.5mm 102.164 102.165 102.166 Neo Screwdriver Torque Connection	
20 Ncm	GM Novaloc 15° 0.8mm 1.5mm 2.5mm 102.167 102.168 102.169 3.5mm 4.5mm 5.5mm 102.170 102.171 102.172 Neo Screwdriver Torque Connection	
Forming/Fixing Matrix (4 units) 2010.722-NOV		
Attachment Analog (4units) 2010.721-NOV Straight 2010.720-NOV 15°		
Mounting Collar 2010.724-NOV		
Matrix Housing (including Processing Spacer) 2010.701-NOV Titanium 2010.702-NOV PEEK 2010.703-NOV With attachment		
Retention Insert 2010.710-NOV Red (approx. 300 g) 2010.711-NOV White (approx. 750 g) 2010.712-NOV Yellow (approx. 1200 g) 2010.713-NOV Green (approx. 1650 g) 2010.714-NOV Blue (approx. 2100 g) 2010.715-NOV Black (approx. 2550 g)		
Processing Kit - Titanium 2010.601-NOV		
Matrix Housing Extractor 2010.751-NOV		
Demounting Tool for Mounting Inserts for Analogs 2010.731-NOV		
Mounting and Demounting Tool for Retention Inserts 2010.741-NOV		

*Recommended for Closed-Tray and Open-Tray Impression Copings for implants or abutments, Cover Screws and Healing Abutments.

REFERENCES

- (1) Al-Nsour MM, Chan HL, Wang HL. Effect of the platform- switching technique on preservation of peri-implant marginal bone: a systematic review. *Int J Oral Maxillofac Implants*. 2012 Jan-Feb;27(1):138-45.
- (2) Annibali S, Bignozzi I, Cristalli MP, et al. Peri-implant marginal bone level: a systematic review and meta-analysis of studies comparing platform switching versus conventionally restored implants. *J Clin Periodontol*. 2012 Nov;39(11):1097-113.
- (3) Hsu YT, Lin GH, Wang HL. Effects of Platform-Switching on Peri-implant Soft and Hard Tissue Outcomes: A Systematic Review and Meta-analysis. *Int J Oral Maxillofac Implants*. 2017;32(1):e9-e24.
- (4) Lazzara RJ, Porter SS. Platform switching: a new concept in implant dentistry for controlling postrestorative crestal bone levels. *Int J Periodontics Restorative Dentistry*. 2006 Feb;26(1):9-17.
- (5) Rocha S, Wagner W, Wiltfang J, Nicolau P, Moergel M, Messias A, Behrens E, Guerra F. Effect of platform switching on crestal bone levels around implants in the posterior mandible: 3 years results from a multicentre randomized clinical trial. *J Clin Periodontol*. 2016 Apr;43(4):374-82.
- (6) Novellino MM, Sesma N, Zanardi PR, Laganá DC. Resonance frequency analysis of dental implants placed at the posterior maxilla varying the surface treatment only: A randomized clinical trial. *Clin Implant Dent Relat Res*. 2017 Jun 20. doi: 10.1111/cid.12510. [Epub ahead of print]
- (7) Sartoretto SC, Alves AT, Resende RF, et al. Early osseointegration driven by the surface chemistry and wettability of dental implants. *J Appl Oral Sci*. 2015 May-Jun;23(3):279-87.
- (8) Sartoretto SC, Alves AT, Zarranz L, et al. Hydrophilic surface of Ti6Al4V-ELI alloy improves the early bone apposition of sheep tibia. *Clin Oral Implants Res*. 2016 Jun 17. doi: 10.1111/clr.12894. [Epub ahead of print]
- (9) Val JE, Gómez-Moreno G, Ruiz-Linares M, et al. Effects of Surface Treatment Modification and Implant Design in Implants Placed Crestal and Subcrestally Applying Delayed Loading Protocol. *J Craniofac Surg*. 2017 Mar;28(2):552-558.

© 2023 – JJGC Indústria e Comércio de Materiais Dentários S.A. All rights reserved. All brands listed in this material, registered or not, are the property of JJGC Indústria e Comércio de Materiais Dentários S.A. The reproduction of this material without prior authorization is prohibited. Some products may not be available for purchasing yet. For further information, please contact your local distributor.

Neodent, Acqua, Helix GM, Grand Morse, are trademarks or registred trademarks of JJGC Indústria e Comércio de Materiais Dentários S.A. Dentsply Sirona is a trademark or registered trademark of Dentsply Sirona, Inc. MEDENTIKA is a trademark or registered trademark of Medentika GmbH. Novaloc is a trademark or registered trademark of Valoc AG. Amann Girrbach is a trademark or registered trademark of Amann Girrbach AG.

1016_neodent_gm_brochure_en_eU_F00_of_180723

NUOVI SORRISI OGNI GIORNO

CHAQUE JOUR DE NOUVEAUX SOURIRES

новые улыбки каждый день

JEDEN TAG EIN NEUES LÄCHELN

NUEVAS SONRISAS TODOS LOS DÍAS

NYA LEENDEN VARJE DAG

NEW SMILES EVERY DAY

NOVOS SORRISOS TODOS OS DIAS

CHAQUE JOUR DE NOUVEAUX SOURIRES

NOVOS SORRISOS TODOS OS DIAS

