

# NEODENT REMOVEABLE SOLUTIONS.

A FLEXIBLE  
RELIABLE CHOICE.

NOW WITH DIGITAL!



 **NEODENT.**  
A Straumann Group Brand

**HS** Helix Short  
Connection

**NGM** Narrow GM™  
Connection

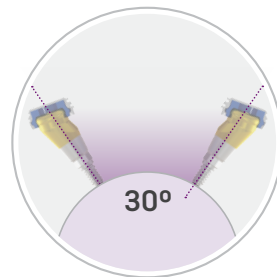
**GM** Grand Morse™  
Connection



# FLEXIBILITY ON ORIGINAL CONNECTION

## Flexible abutment solutions

- For the GM connection, straight, 15° and 30° angled solutions allow restoring up to 30° of implant divergence.
- Six gingiva height options to restore different implant positioning and patient anatomy.
- For Narrow GM and Helix Short, only straight abutments are available, but will allow up to 40° of abutment divergence support when using Novaloc and extended range liners.



for illustrative purposes only

## Original Grand Morse™ connection

- 16° Morse Taper connection designed to ensure a tight fit for an optimal connection sealing.
- One Grand Morse screwdriver allowing ease of use for straight and angled versions.

## Gold standard surface

- Low friction surface by TiN (titanium nitride) coating.
- Improved substrate's surface properties by an extremely hard material coating.

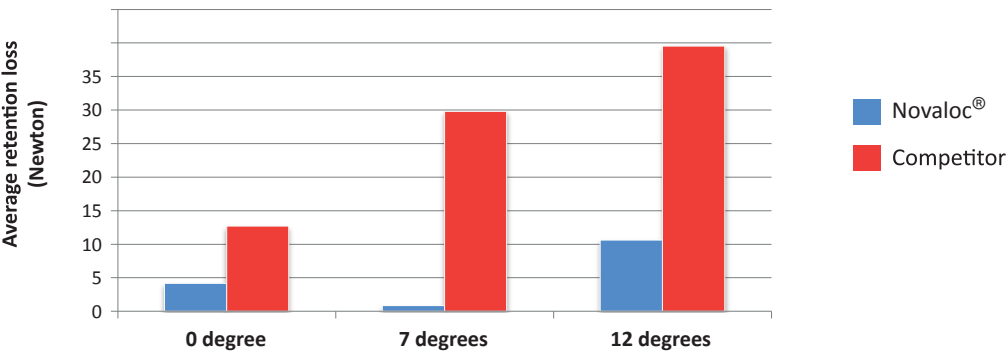




# RELIABILITY MADE SIMPLE

## User-friendly handling

- Novaloc® retention inserts can be inserted and removed efficiently
- Matrix accommodates up to 40° prosthetic insertion between two abutments
- Matrix housing available in titanium or color-neutral PEEK.

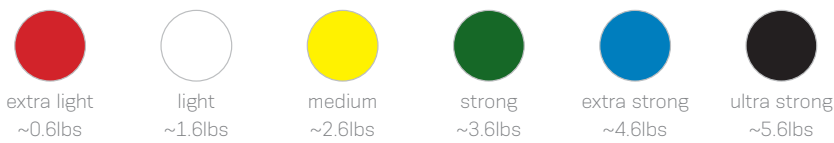


Reference: Novaloc matrix system - Outstanding performance in divergent situations<sup>9</sup>

In an in vitro study the determined average values of the retention loss after a cyclic vertical load of 2880 insertions and removals (roughly equivalent to 2 years) of Novaloc™ titanium housing with retention insert green were compared to the results of a similar matrix system.

## Long lasting retention

- The Novaloc design of the PEEK retention insert helps to absorb lateral pressure that occurs on insertion and removal, as well as during function.
- PEEK matrix inserts are designed to engage precisely, based on in vitro testing, and are less susceptible to deforming than nylon attachments.<sup>9</sup>
- 6 retention strengths offer adjustment of the denture retention.



# GM™ ATTACHMENT TiN\* FOR REMOVABLE PROSTHESES

## Installation Sequence



Angled version with removable screw.

Overdenture

GM Attachment TiN\* for  
Removable Protheses

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



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

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



GM Attachment TiN\* for  
Removable Protheses 30°  
(with removable screw)

1.5 mm	2.5 mm
102.254	102.255
3.5 mm	4.5 mm
102.256	102.257
5.5 mm	102.258



## NGM Attachment TiN

Overdenture

NGM Attachment TiN

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



## HS TiN Attachment

Overdenture

HS TiN Attachment

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



# GM™ MINI CONICAL ABUTMENT COPING FOR REMOVABLE PROSTHESIS

## Installation Sequence



Overdenture



GM Mini Conical  
Abutment

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

or



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

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



Coping\*\*  
118.391

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

\*\*Warning: The coping for removable prosthesis used along with Zygomatic implants are not recommended for immediate loading.

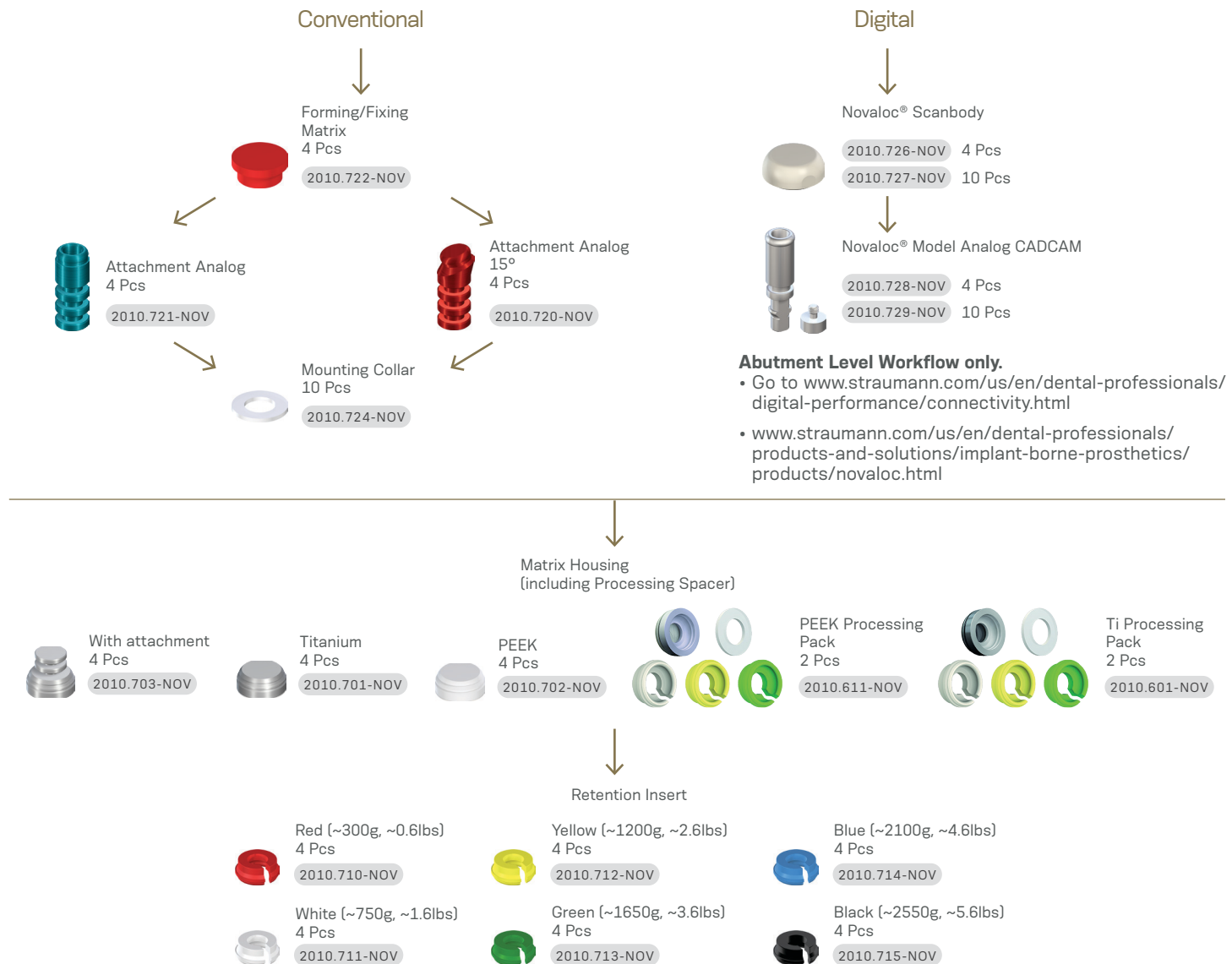


# PORTFOLIO OVERVIEW

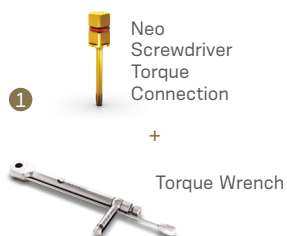
## Installation Sequence



### Abutment Level Workflow



#### Drivers



#### Accessories



\*TiN - Titanium nitride



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

Fixed full arch solutions have an important role in implant dentistry.

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

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



### **THE FIRST STEP FOR IMMEDIACY:** SIMPLE AS IT SHOULD BE

NeoConvert is an enhanced technique to convert removable to fixed dentures: allowing simplicity in every step for immediacy.



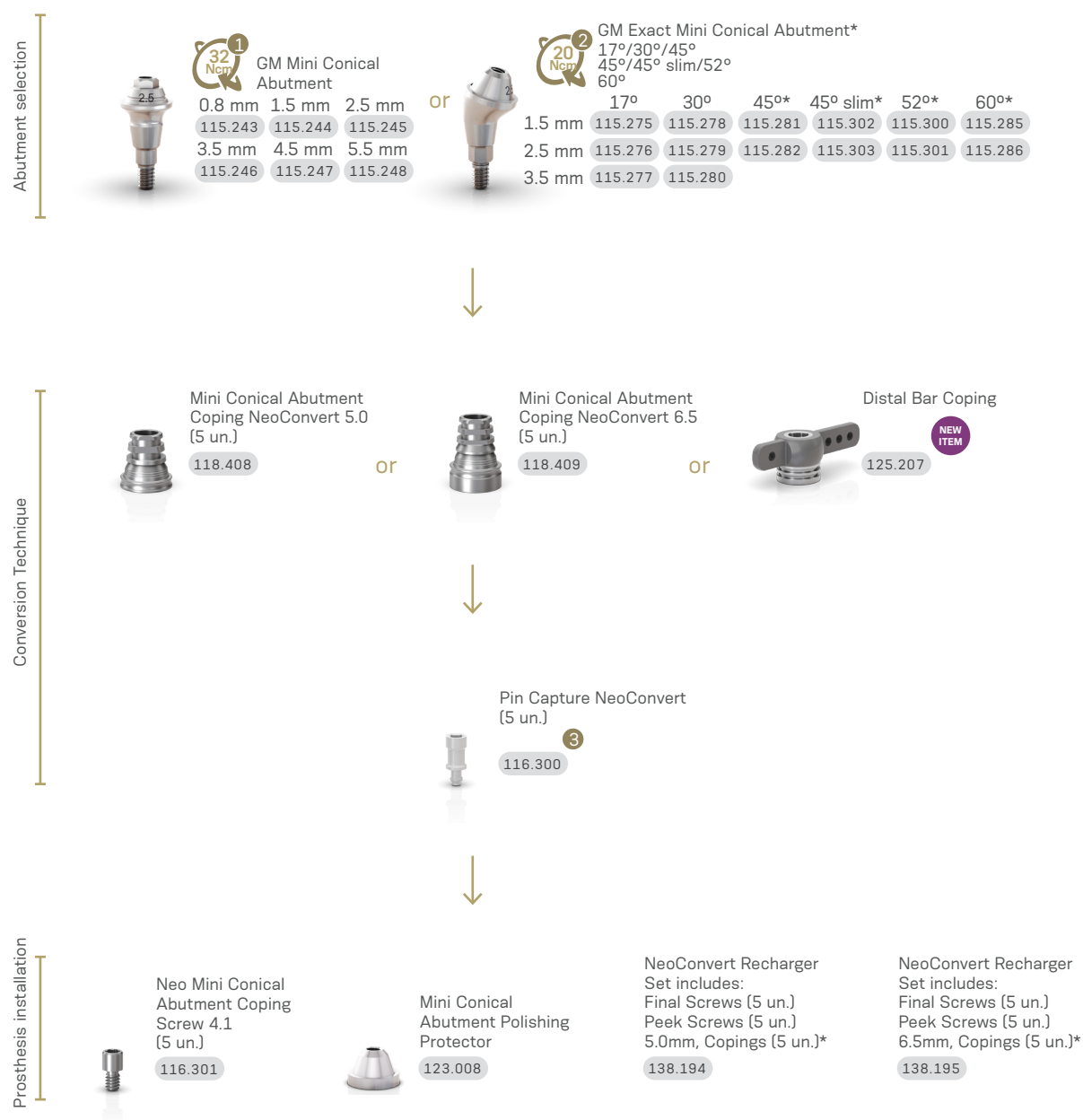
### **IMMEDIATE FULL ARCH TREATMENT:** ONE STEP CLOSER TO EFFECTIVENESS

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





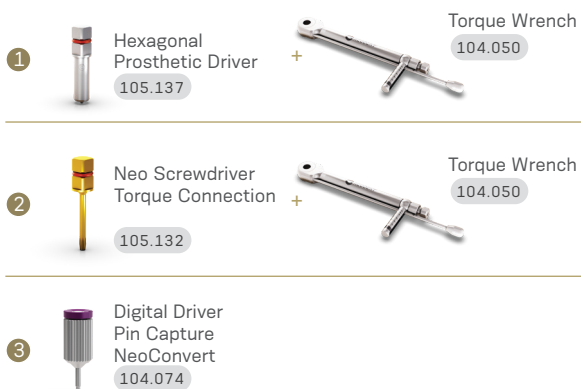
## Installation Sequence



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

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

## Drivers



## Accessories



## References

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