



Product Characteristics:

DRILLS PLUS: Counts upon the application of a thin pellicle with carbon basis which promotes reduced friction and reduction of the heat generated in the osteotomy.








ATTENTION:

The drills suffer wear during their use. Evaluate their cut effectiveness periodically and observe the need for substitution to avoid loss of implants.



Parallel Indicators

CE


WS	4.3/5.0	128.023	
	3.6/4.3	128.022	
	3.3/4.0	128.021	
	3.0/3.75	128.020	
	2.8/3.5	128.019	
	Ø 5.3/6.0	128.025	
	Ø 4.3/5.0	128.024	



- Available in Titanium;
- Instrumental for implant position orientation;
- Diameter of the central belt corresponding to the CM Implants diameter;
- Smaller side for use after drill 2.0mm;
- Bigger side for use after last drill, before the implant installation.

CM Ratchet Connection

CE

Short	Long
	
105.073	105.074



- For the installation of CM Implants with Surgical Torque Ratchet Driver (104.027);
- With six markings, indicating the position of hex index face;
- The laser markings indicate the implant installation depth, bone level, 1 and 2mm infraosseous and the last marking (3mm) biological space.

CM Contra-Angle Connection

CE
0120



105.075

- To capture the implant directly on the package;
- For installation of CM implants with contra-angle, or coupled to the Digital Driver (104.028) for manual installation;
- With six markings, indicating the position of hex index face;
- The laser markings indicate the implant installation depth, bone level, 1 and 2mm infraosseous and the last marking (3mm) biological space.

Hex Connection for Contra-angle

CE
0120



105.002

- Available in surgical stainless steel;
- Adaptation of hex mounters;
- For implant insertion, using motor and contra-angle;
- Silicone ring for best fixing and mounter transport.

Hex Connection for Ratchet (Ratchet Driver Connection)

CE



105.001



105.018

- Available in surgical stainless steel;
- Adaptation of hex mounters;
- Fit in squared ratchets;
- Silicone ring for best fixing and mounter transport.

Long Mount

CE
0120

Ø3.3 mm



113.014

- Available in Titanium;
- Requires Hex Connections 105.002 in motor use and 105.001 for Ratchet;
- Use Hex Driver 1.2mm for handling (104.007);
- Long mounters 3.3 and 3.5 indicated for substitute the implant mount in cases of reduced interproximal space (mesio-distal).

Depth Probe

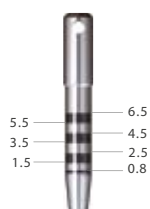
CE
0120

- Available in Titanium;
- For probing preparation and depth analysis;
- Scale in millimeters for conferences during procedure.



129.004

CM Height Measurer



128.015

- Available in Titanium;
- For CM prosthetic components selection;
- Markings corresponding to the transmucosal height.

Drill Extension



103.091

- Available in surgical stainless steel;
- With screw for drill fixation;
- Fixed screw to the drill extension;
- For tighten and unleash the screw, it is necessary only around half turn of Hex Driver 1.2 (104.007).

Titanium Tweezers



- For implants manipulation;
- New system of tweezers, that avoids the deviation of the active tip;
- Scale in millimeters, for conference during the procedures;
- Implant self-locking.



129.001

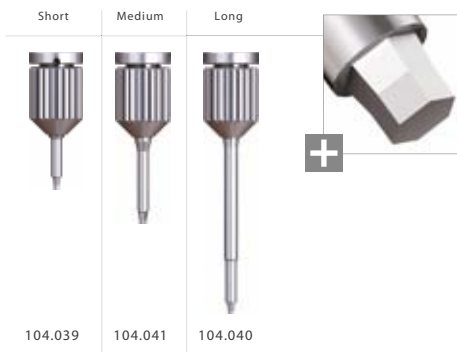




104.028

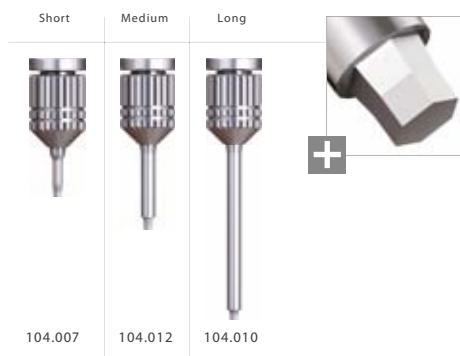
- Available in surgical stainless steel;
- Connected to the Contra-angle Connections Ti and II Plus, it becomes a manual driver for the implant installation.

Hex Digital Driver 0.9mm



- Available in surgical stainless steel;
- With divergent hex for best fixing and screw transport;
- Handling of Cover Screws in Implants 3.3, 3.5, 3.75, 4.0, 4.3 and Healing 3.3 height 2mm.
 - Short: 20 mm;
 - Medium: 25 mm;
 - Long: 38 mm.

Hex Digital Driver 1.2mm



- Available in surgical stainless steel;
- With divergent hex for best fixing and screw transport;
- Handling of Mounters in Implants and Cover Screws.
 - Short: 20mm;
 - Medium: 25mm;
 - Long: 38mm.

104.027

- Available in surgical stainless steel;
- Extremely secure (a variation of less than 5%);
- Fitting for square connections;
- Collapsible ratchet, that allows the correct cleaning of set.



Use Instructions



The Surgical Torque Ratchet Driver was projected to allow the required torque application, and also allow that this torque be checked simultaneously with the same instrument.

For this, only apply the force on the ratchet stem, **1** until it reaches the value set in lateral graduation **2**, which corresponds to the desired torque.



The ratchet function serves for both sides. Just pull and turn the pin driver 180°. However, the torque function is only in clockwise.

-CAUTION: When you reverse the direction of torque, the gear can be detached from the driver body and fall it. Therefore, this reversal should only be done with the driver connected to the piece or outside the patient's mouth.



The Neodent Surgical Torque Ratchet Driver has pre-calibrated torques: 45, 60 and 80 N.cm.



Alvim Drill Plus
(Scaled)



	Surgical Stainless Steel	Zirconia
Ø 3.5	103.172	103.253
Ø 4.3	103.173	103.254
Ø 5.0	103.174	103.255

- Available in surgical stainless steel and Zirconia;
- Instrumentation sequence of surgical alveolus for Alvim Implants.



Initial
Drill Plus



Ø 2.0	103.170
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- Available in Surgical Stainless Steel;
- Cortical disruption;
- Diameter of 2.0mm.



Pilot Drill



	Surgical Stainless Steel	Zirconia
2/3 mm	103.213	
2.8/3.5 mm	103.216	103.272
3/3.75 mm	103.217	103.273
3.3/4 mm	103.218	103.274
3.6/4.3 mm	103.219	103.275
4.3/5 mm	103.220	103.276
3.8/4.3 mm	103.214	103.270
4.3/5.3 mm	103.215	103.271
5.3/6 mm	103.221	103.277

- Available in Surgical Stainless Steel and Zirconia;
- Its function is increase the surgical alveolus diameter, facilitating the next drill entry;
- Substitutes the Countersink Drill in use of the Morse Taper Implants.



Countersink Drill



External Hex

	Surgical Stainless Steel	Zirconia
Ø 3.3	103.209	103.265
(SF) Ø 4.1	103.239	103.292
Ø 4.3	103.211	103.267
(SF) Ø 4.5/ Ø 5.0	103.212	103.268

Internal Hex

	Surgical Stainless Steel	Zirconia
Ø 4.3	103.296	103.298
Ø 5.0	103.297	103.299

- Available in Surgical Stainless Steel and Zirconia;
- Prepare of the bone crest for cervical third seating in Implants 3.3, 3.75, 4.0, 4.5 and 5.0mm (external hex) and 4.3, 5.0mm (internal hex).



Twist Drill





	Surgical Stainless Steel	Zirconia
Ø 2.0	103.162	
Ø 2.8	103.163	103.244
Ø 3.0	103.164	103.245
Ø 3.15	103.165	103.246
Ø 3.3	103.166	103.247
Ø 3.8	103.167	103.248
Ø 4.3	103.168	103.249
Ø 5.3	103.169	103.250

- Available in Surgical Stainless Steel and Zirconia;
- Instrumentation sequence of surgical alveolus for Titamax Implant;
- Length: 35mm.


Contra-angle Connection
External Hex – Ti



4.1/4.3	5.0	
		
105.047	105.050	<ul style="list-style-type: none"> •To capture the implant directly on the package; •For installation of External Hex Ti Implants and Internal Hex Ti Implants with contra-angle, or coupled to the Digital Driver (104.028) for manual installation; •With tweezers to increase the security in transport and implant installation.





Contra-angle Connection
Internal Hex – Ti



4.3/5.0	
	
105.068	<ul style="list-style-type: none"> •To capture the implant directly on the package; •For installation of Internal Hex II PLUS Implants with contra-angle, or coupled to the Digital Driver (104.028) for manual installation; •With tweezers to increase the security in transport and implant installation.



Ratchet Connection
External Hex – Ti



Short	Long	Short	Long	
4.1/4.3	4.1/4.3	5.0	5.0	
				
105.045	105.046	105.048	105.049	<ul style="list-style-type: none"> •For installation of External Hex Ti Implants with Surgical Torque Ratchet Driver (104.027).

Ratchet Connection
Internal Hex – Ti



Short	Long	
4.3/5.0	4.3/5.0	
		
105.030	105.031	<ul style="list-style-type: none"> •For installation of Internal Hex II PLUS Implants with Surgical Torque Ratchet (104.027); •With six markings, indicating the position of hex index face.