

# 4

# IMPLUS Nano



## Implants



Dental implants are often the best treatment for missing teeth. When a damaged or decayed tooth is removed, both the visible part of the tooth called the crown, and the root is lost. A dental implant is placed in the jawbone so that it can fuse with the natural bone and become a strong sturdy foundation for replacing teeth. Implants can be used to replace a single tooth, bridges or dentures. Dental implants are the closest reproduction you can get to healthy, natural teeth. They will allow the patient to eat confidently, smile, laugh, talk, play and enjoy all the regular activities of everyday life without thinking about teeth.

Nano implants are mainly used to stabilize the dentures but can also be used to support a crown where the patient has lost the tooth. The insertion procedure is minimally invasive, often transmucosal (without having to affect the gums), immediate loading and also suitable for elderly people who badly would undergo a real oral surgery. In general, even those who do not have enough bone to insert the standards, the largest dental implants, can safely undergo the insertion of the Nano implants, since they require a much lower quantity of bone than the preceding ones. The reduced diameter implants, are therefore suitable in the case of bone atrophy (when the amount of bone in the implantologist available is not sufficient for larger diameter implants), often without the need for bone grafting or sinus lift. Persons wearing dentures know very well that this type of denture, after some time, may lose the initial stability. While chewing, small pieces of food insinuate between the gums and the flange (gingival) causing pain. During a conversation, the mobility of the prosthesis makes the pronunciation of certain letters difficult, such as S and F, and very often carriers emit hisses during phonation. Nano implants can solve all these problems by making the dentures firmly in the mouth while ensuring the patient a chance to remove it whenever he feels the need, or for daily oral hygiene.

LEADER Italias Nano implants are available in IMPLUS version only.  
The range includes different diameters: Ø 2,3 mm – Ø 2,7 mm – Ø 3,2 mm and different heights: h 10,0 mm – h 11,5 mm – h 13,0 mm – h 16,0 mm.  
For this kind of implants, dedicated prosthetic parts are provided.



## Nano OVD-Packaging

- Packaging in compliance with ISO 11607-1 and 2
- Sterilization by gamma rays 25 kGy
- Sterility guaranteed for 5 years by waterproof double packaging in airtight sealed glass vial and blister

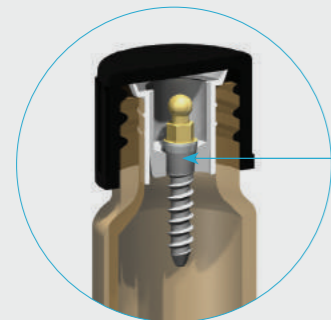
## Features

- Self-threading grade 5 titanium fixture
- Transmucosal one-piece fixture
- Micro-roughened surface (B.O.A.T. treatment)
- Nitrided upper part
- Nano OVD implants allow to transform a mobile prosthesis in a fixed removable one
- They are suitable for the immediate loading: this means that, at the end of the surgical procedure performed in a single phase, the patient can leave the dental office with a temporary fixed prosthesis

- All mini implants NanoOVD, in particular the shorter lengths, are indicated for multiple insertion – we recommend the insertion of 4 fixtures to obtain an ideal implanto – prosthetic rehabilitation

All Nano OVD implants are indicated only for the insertion in the lower jaw, between the two mental foramen.

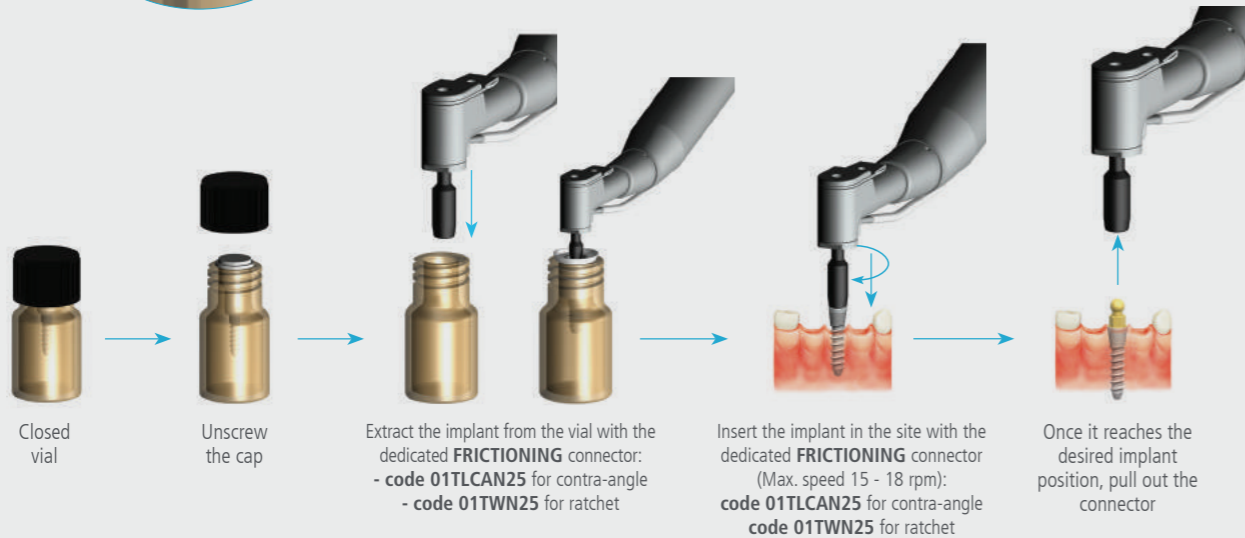
- In case of a reduced mucosal thickness it is possible to use the Nano OVD short with a neck of only 1.8mm height
- Nano OVD MICRO implants are recommended in case of very narrow spaces



Implant

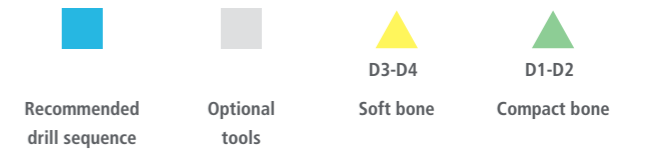
## Nano OVD-Packaging contents

### Insertion tools



## Surgical protocol

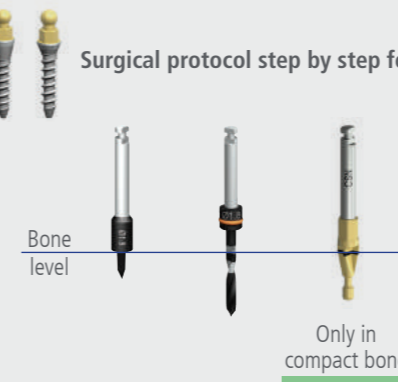
### LEGEND



### Recommended first preparation

<b>Tools</b>	<b>Cortical drill</b>
<b>Code</b>	<b>05DSP18</b>
<b>Ø(mm)</b>	1,8
<b>Max (rpm)</b>	800

### Surgical protocol step by step for implant Ø 2,3 mm



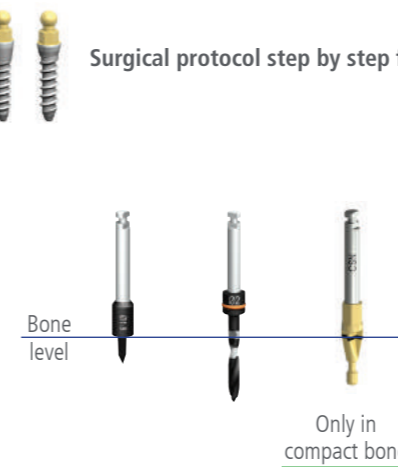
<b>Tools</b>	<b>Cortical drill</b>	<b>Twist drill UNICA</b>	<b>Countersink</b>
<b>Code</b>	<b>05DSP18</b>	<b>05DSS18S</b>	<b>01CSN</b>
<b>Ø(mm)</b>	1,8	1,8	3,5
<b>Max (rpm)</b>	800	800	250

### Surgical protocol step by step for implant Ø 3,2 mm



<b>Tools</b>	<b>Cortical drill</b>	<b>Twist drill UNICA</b>	<b>Twist drill UNICA</b>	<b>Countersink</b>
<b>Code</b>	<b>05DSP18</b>	<b>05DSS20S</b>	<b>05DSS26S</b>	<b>01CSN</b>
<b>Ø(mm)</b>	1,8	2,0	2,6	3,5
<b>Max (rpm)</b>	800	800	500	250

### Surgical protocol step by step for implant Ø 2,7 mm



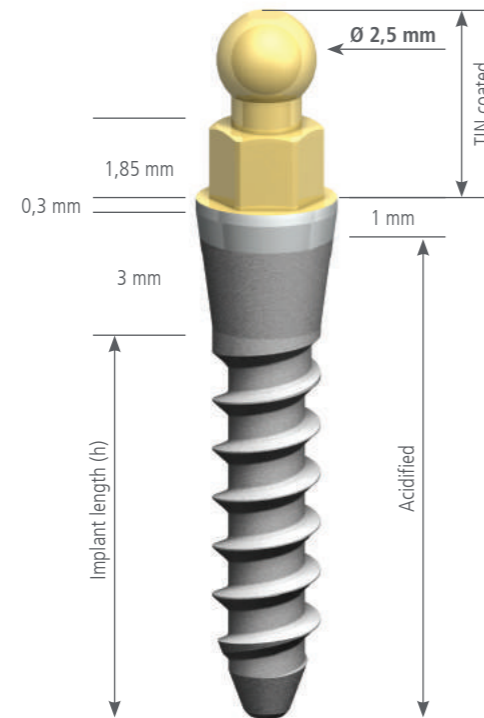
<b>Tools</b>	<b>Cortical drill</b>	<b>Twist drill UNICA</b>	<b>Countersink</b>
<b>Code</b>	<b>05DSP18</b>	<b>05DSS20S</b>	<b>01CSN</b>
<b>Ø(mm)</b>	1,8	2,0	3,5
<b>Max (rpm)</b>	800	800	250



# IMPLUS Nano

for removable prosthesis

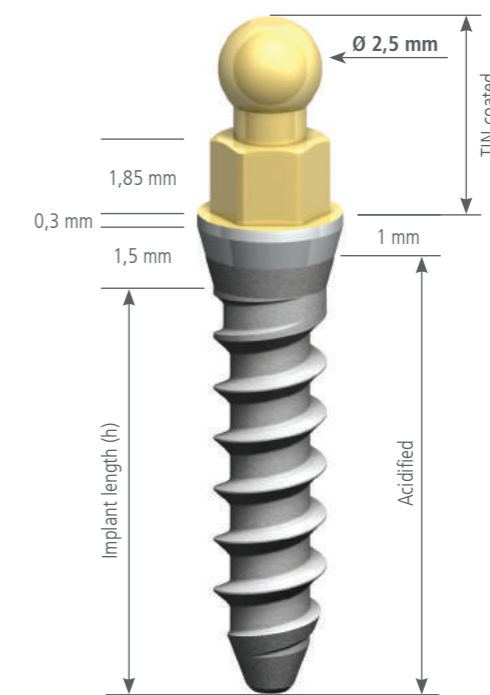
## Nano OVD



# IMPLUS Nano

for removable prosthesis

## Nano OVD short



3.5

Platform



	Implant Ø2,3 mm	Implant Ø2,7 mm	Implant Ø3,2 mm
Thread pitch	0,95 mm	1,25 mm	1,25 mm
Tapered apex	Tapered apex	Tapered apex	Tapered apex
	Normo ball	Normo ball	Normo ball
Implant length (h)	Code	Code	Code
10,0 mm	01INO2310	01INO2710	01INO3210
11,5 mm	01INO2311	01INO2711	01INO3211
13,0 mm	01INO2313	01INO2713	01INO3213
16,0 mm	01INO2316	01INO2716	01INO3216

3.5

Platform



	Implant Ø2,3 mm	Implant Ø2,7 mm	Implant Ø3,2 mm
Thread pitch	0,95 mm	1,25 mm	1,25 mm
Tapered apex	Tapered apex	Tapered apex	Tapered apex
	Normo ball	Normo ball	Normo ball
Implant length (h)	Code	Code	Code
10,0 mm	01INOS2310	01INOS2710	01INOS3210
11,5 mm	01INOS2311	01INOS2711	01INOS3211
13,0 mm	01INOS2313	01INOS2713	01INOS3213
16,0 mm	01INOS2316	01INOS2716	01INO S3216