



# BIONIKA



# Nano Telescope

**nanoplant**  
IMPLANT SYSTEM

## The Company

BIONIKA Medline Orvostechnikai Kft. was founded in 1989. We have nearly 30-year-experience in the field of medical instruments and implant development, production and trade. BIONIKA as a researcher, developer, manufacturer and distributor is present in dentistry, oral surgery, traumatology, orthopedics and rehabilitation in the medical-professional areas. According to our objective and perception, we attach great importance to the word „BIONIKA”, which marks a scientific thinking on the boundaries of biology, technology and electronics that combines these three areas in our researching and developing work.



**Clinical and technological experiences:** The continuous process, combination and utilization of clinical and technological experiences in development contributes to our success, up to the production base. Here you will find the best solutions and constructions suited to customer needs, which are under continuous development.

**Development:** The owners of BIONIKA put great emphasis on continuous product and technological research and development. Our products are developed in close collaboration with doctors and engineers, enabling us to ensure the world-class quality and practical utilization.

**Quality:** The quality of the products expected by our customers is guaranteed by design, manufacturing and quality management according to the harmonized European Union laws. The BIONIKA Medline Kft. is operated according to the EN ISO 9001 and the EN ISO 13485 quality management system. Our products are provided with CE marks.

**Guarantee:** After inserting the implant - the risk of the ossification process is assumed by BIONIKA, independently of cause and effect relationship – exchange guarantee is ensured within one year after the purchase. Otherwise, we provide a long-term, 5-year guarantee for our products.

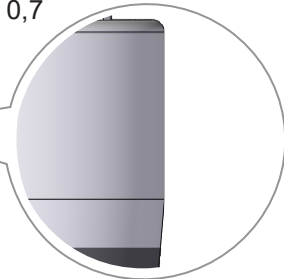
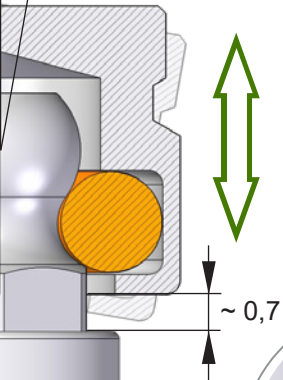
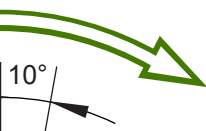


## Nano Telescope Implant System

The Nano Telescope Implant System can be applied in the case of harder than average and thin bone structures for removable toothworks.

### Distinctive constructional and applicational characteristics:

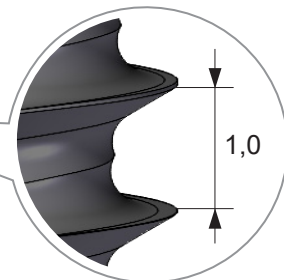
- Minimal invasive intervention- transgingival surgical technique
- Flexible toothwork connection
- In the case of the harder mandibula bone structures the MD implant screws are recommended to use and in the case of the lighter maxilla bone structures the MX implant screws are recommended to use
- High primer stability- immediate „loadness”, with a torque above 35 Ncm screwed into the jaw bone



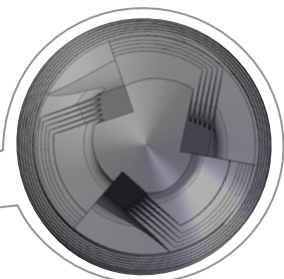
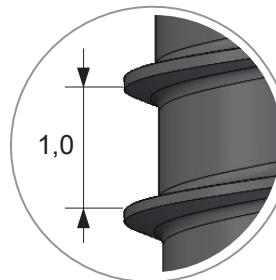
Screw selection possibility adjusted to the height of the sulcus. Polished surface in accordance with the size of 2-4 mm sulcus.



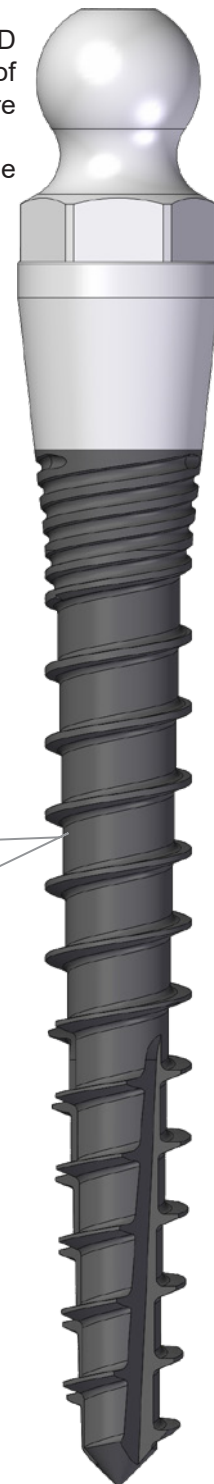
Conical cord thread on the upper neck part of the screw which exceptionally resists dynamic force reduction, gradually deepening and sharpening.



The self-compressional, self-tapping and self-closing conical thread form gradually deepens in the middle and low parts of the implant screw. The cycloid thread form is well-adjusted to the spongy and the cortical bone structures as well.



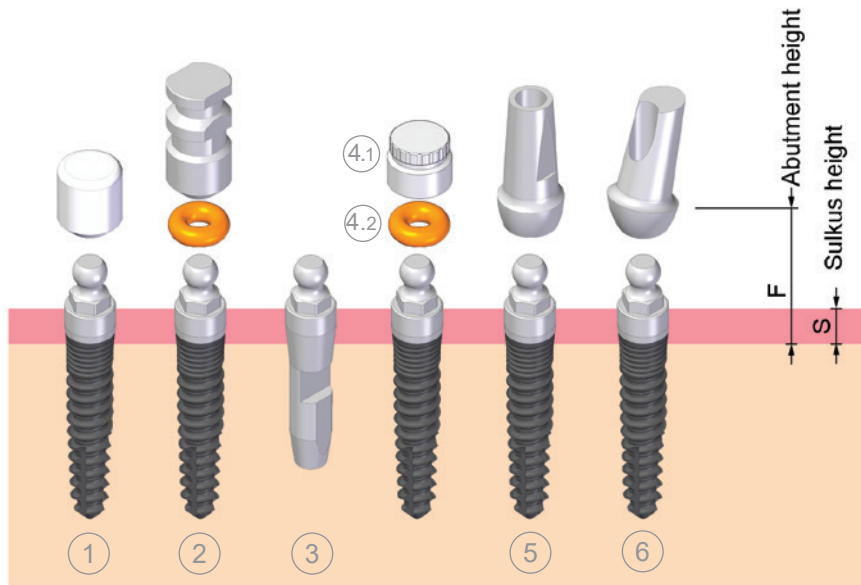
Self-cutting thread edges with an anti-rotation function.



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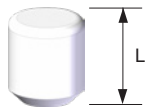
## The abutments of the Nano Telescope Implant System

The basic function of the Nano Telescope Implant System is fixing the removable toothworks, by means of a flexible patent abutment. The 0 degree and 15-degree heads can be applied in the case of glued toothworks, which are also made of extrudable material.



Type	Size (mm)			
	S Sulcus height		F Head height	
	2	4	7	9
1 Round head cap fastener	●	●		
2 Sampling head				●
3 Nano Telescope Technical implant				
4.1 Metal cap				
4.2 Silicone rubber O-ring				
5 Aesthetics head, straight	●	●	●	●
6 Aesthetics head 15 °oblique	●	●	●	●

**Round head cap fastener**



Height (L)	
5 mm	

**Metal cap**



Height (L)	
4 mm	

**Silicone rubber O-ring**



Diameter (D)	
4,5 mm	

**Aesthetics head, straight**



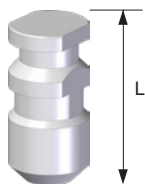
Sulcus height (S)	2 mm	4 mm
Head height (L)		
7 mm		
9 mm		

**Aesthetics head 15° oblique**



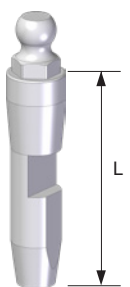
Sulcus height (S)	2 mm	4 mm
Head height (L)		
7 mm		
9 mm		

**Sampling head**



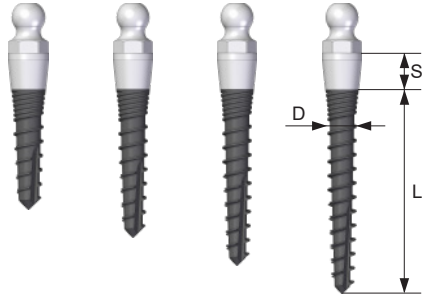
Height (L)	
10 mm	

**Technical implant**



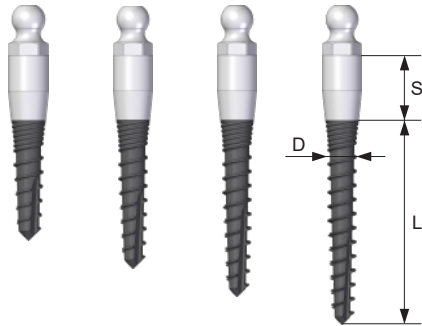
Height (L)	
11 mm	

## Nano Telescope MD Implant System with thin edged thread



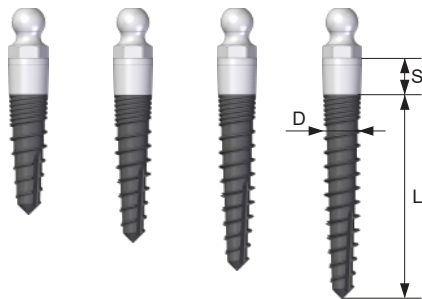
### Sulcus height: S=2mm

Diameter (D)	ø 2,0
Inserting Length (L)	
9 mm	D 57.03.20.209
11 mm	D 57.03.20.211
13 mm	D 57.03.20.213
15 mm	D 57.03.20.215



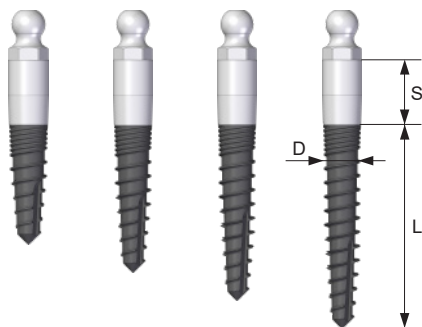
### Sulcus height: S=4mm

Diameter (D)	ø 2,0
Inserting Length (L)	
9 mm	D 57.03.20.409
11 mm	D 57.03.20.411
13 mm	D 57.03.20.413
15 mm	D 57.03.20.415



### Sulcus height: S=2mm

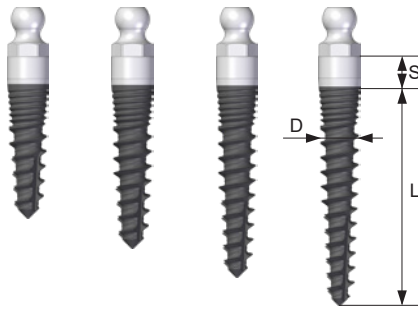
Diameter (D)	ø 2,5
Inserting Length (L)	
9 mm	D 57.03.25.209
11 mm	D 57.03.25.211
13 mm	D 57.03.25.213
15 mm	D 57.03.25.215



### Sulcus height: S=4mm

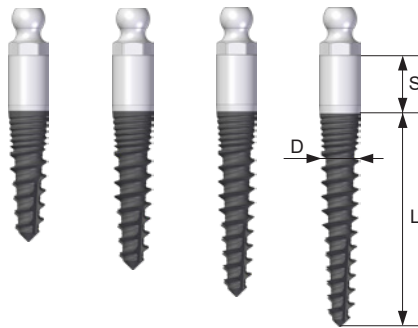
Diameter (D)	ø 2,5
Inserting Length (L)	
9 mm	D 57.03.25.409
11 mm	D 57.03.25.411
13 mm	D 57.03.25.413
15 mm	D 57.03.25.415

## Nano Telescope MX Implant System with cycloid thread



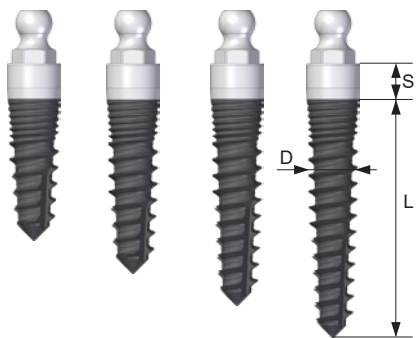
**Sulcus height: S=2mm**

Diameter (D)	ø 2,5
Inserting Length (L)	
9 mm	X 57.03.25.209
11 mm	X 57.03.25.211
13 mm	X 57.03.25.213
15 mm	X 57.03.25.215



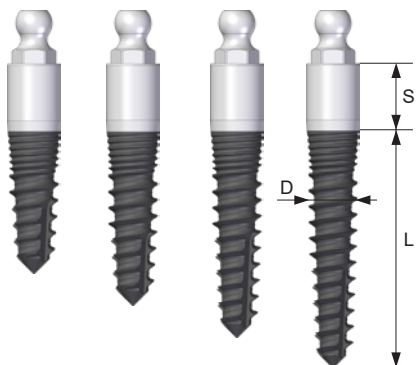
**Sulcus height: S=4mm**

Diameter (D)	ø 2,5
Inserting Length (L)	
9 mm	X 57.03.25.409
11 mm	X 57.03.25.411
13 mm	X 57.03.25.413
15 mm	X 57.03.25.415



**Sulcus height: S=2mm**

Diameter (D)	ø 3,0
Inserting Length (L)	
9 mm	X 57.03.30.209
11 mm	X 57.03.30.211
13 mm	X 57.03.30.213
15 mm	X 57.03.30.215

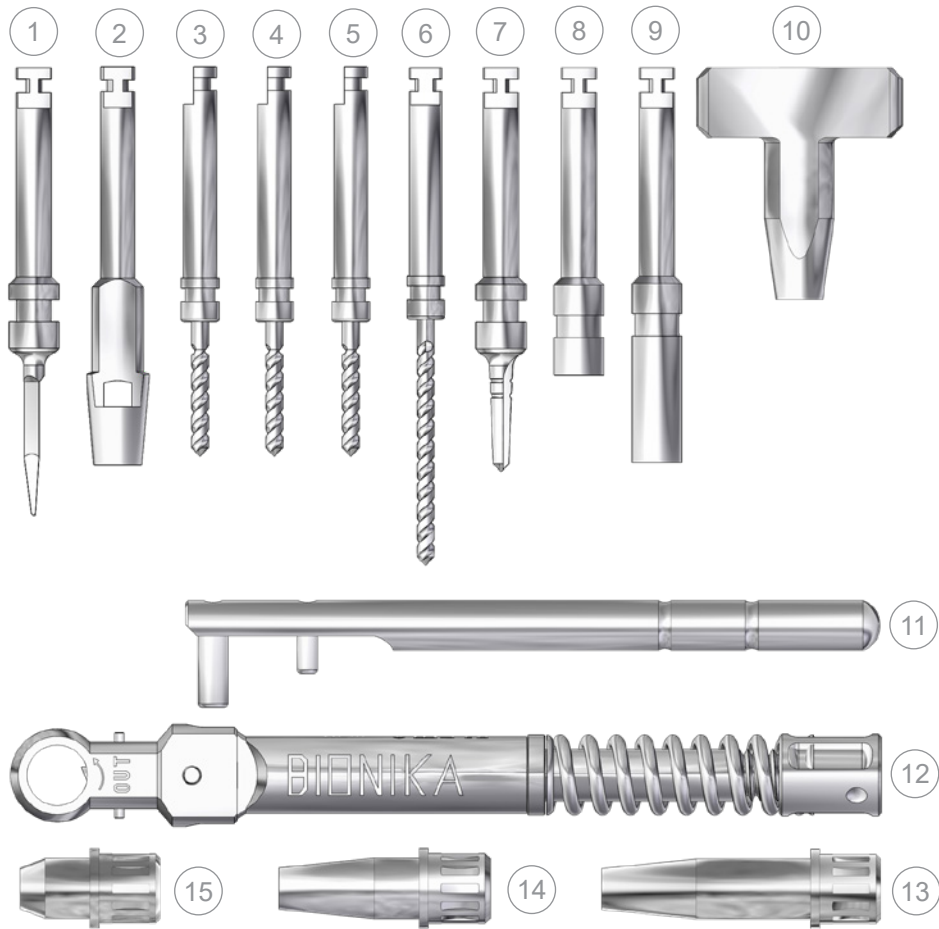


**Sulcus height: S=4mm**

Diameter (D)	ø 3,0
Inserting Length (L)	
9 mm	X 57.03.30.409
11 mm	X 57.03.30.411
13 mm	X 57.03.30.413
15 mm	X 57.03.30.415

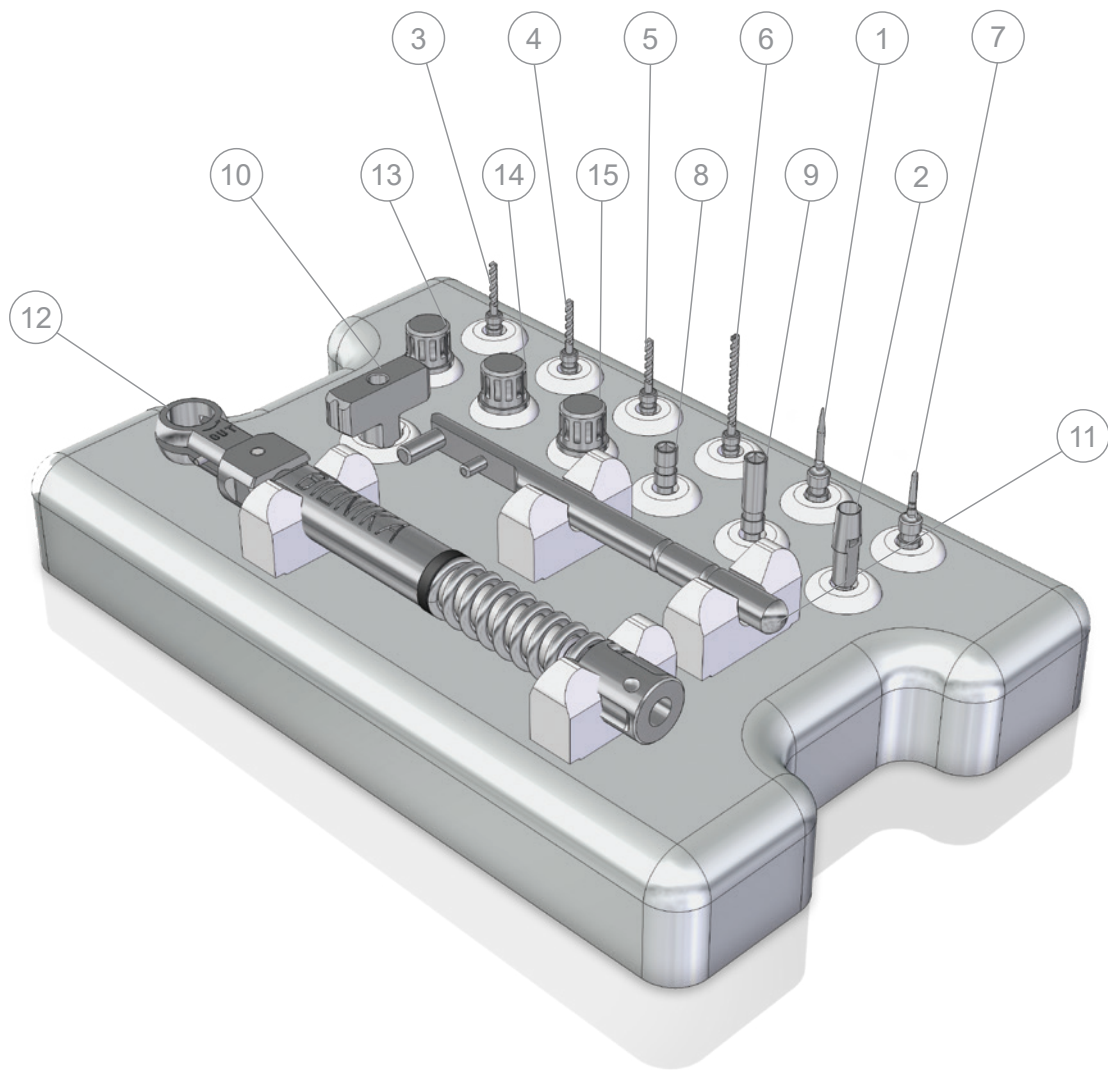
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## Inserting Instruments



Designation	Size
1 Spear-pointed drill	3Lt x12/27mm
2 Gingiva punch	D 1,5x10/25mm
3 Drill, short	D 1,1x10/25mm
4 Drill, short	D 1,1x10/25mm
5 Drill, short	D 1,1x10/25mm
6 Drill, long	D 1,2x15/30mm
7 Chamfer drill	D 1,6x7/21mm
8 Implant driver, mechanical, short	6Lt 2,4x10/25mm
9 Implant driver, mechanical, long	6Lt 2,4x15/30mm
10 Manual driver T-key	6Lt 2,4x20/18mm
11 Winch for T-key	70mm
12 Ratchet torque wrench	90mm
13 Torque wrench driver interline, ribbed long	6Lt 2,4x21/28mm
14 Torque wrench driver interline, ribbed medium	6Lt 2,4x14/21mm
15 Torque wrench driver interline, ribbed short	6Lt 2,4x7/14mm





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