# Selections of the BONELIT system abutments

Implant diameters (mm) and their colour codes: 9 3.3 4.1

	4.8

	Denomination		Su	lcus	heiç	ght (	mm	)			d he	
1	Locking screw				-						-	
2	Healing cap, narrow			2	4	6						
3	Healing cap, anatomical			2	4	6						
4	Technical implant										12	
5	Sampling head for closed spoon										11	
6	Sampling head for open spoon										11	
7	Castable plastic head, positioned										12	
8	Castable plastic head, non-positioned										12	
9	Co-Cr, metal based cast head, positioned										12	
10	Co-Cr, metal based cast head, non-positioned										12	
11	Interface, positioned											
12	Interface, non-positioned											
13	Ball-joint head, positioned				1	3						
14	Ball-joint head, non-positioned				1	3						
15	Temporary head, positioned										12	
16	Temporary head, non-positioned										12	
17	Temporary head, positioned, PEEK										12	
18	Temporary head, non-positioned, PEEK										12	
19	Narrow head, straight										9	
20	Narrow head, 15°, 25° oblique										9	
21	Universal head, straight										11	
22	Universal head, 15°, 25°, 25°, 45°oblique										11	
23	Anatomical head , straight			2	4	6						
24	Anatomical head, 15°, 25°oblique			2	4	6						
25	Trapezoidal head 15°, 25°, 35°, 45°									9	11	13
26	Delta head 15°, 25°, 35°, 45°									9	11	13
27	Titanium base										5	
28	Press ceramic base										5	
29	Tube head, positioned										9	
30	Tube head, non-positioned										9	
31	Scanbody head, through-bolted										12	
32	Scanbody head, screwable										12	
33	Ball head	0,5	1	2	3	4	5	6	7			
34	Locator head, straight	0,5	1	2	3	4	5	6	7			
35	Multi-unit head, straight	0,5	1	2	3	4	5	6	7			
36	Multi-unit head, through-bolted	0,5	1	2	3	4	5	6	7			
37	Multi-unit head, 20°, 30° oblique	1	2	3	4	5	6	7				
38	Multi-Compat head, 20°, 30° oblique	1	2	3	4	5	6	7				
39	Multi-unit SR head, straight	0,5	1	2	3	4	5	6	7			
40	Multi-unit SR head, through-bolted	0,5	1	2	3	4	5	6	7			
41	Multi-unit SR head, 20°, 30° oblique	1	2	3	4	5	6	7				

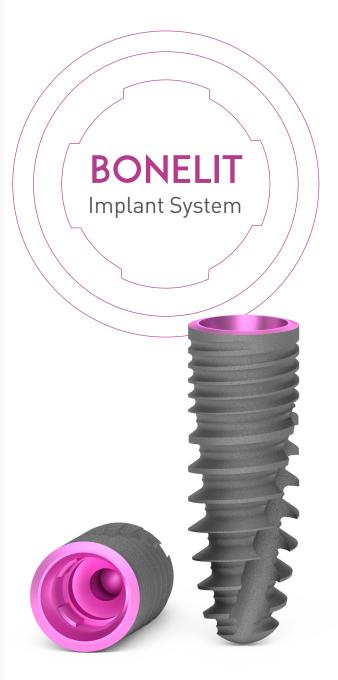
# The functional structure of the BONELIT system

Grade 4 titanium is applied for the implants and Grade 5 titanium is applied for the abutments. Our abutments can also be made from Co-Cr material, and for plastic heads we use POM or PEEK materials.



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# **ABOUT THE COMPANY**

**Bionika Medline Kft.** was established in 1989 by private individuals as a family-owned Hungarian company. We have a 35-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.

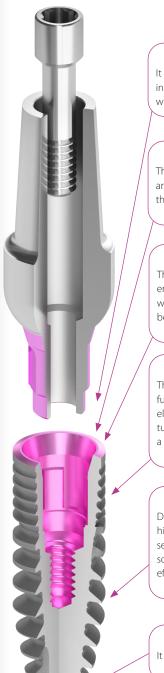
Clinical and technological experiences: The continuous process, combination and utilization of clinical and technological experiences in development contributes to our success, up to the production base. Here you will find the best solutions and constructions suited to customer needs, which are under 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, 10-year guarantee for our products.

## Distinctive characteristics of the BONELIT system



## Connection: Tube in a tube

It is a four-positioned ribbed rotation inhibition. Tube in a tube and fixation without a conical micro-free movement.

#### Cortical Level

The chances of the implant persistency are significantly improved by inserting the upper edge of the implant at the cortical level or below.

## Platform switching

The diameter of the abutment is smaller than the outer part of the implant which is connected to the bone. The bone can move to the upper edge of the implant.

## Spirally microstriated surface

The microstriated spiral surface can function as a significant weight bearing element. The self-closing thread structure and the cycloid cord thread ensure a micromotor-free condition and fast inserting.

## Anatomical tooth root form

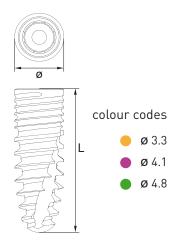
Due to the conicity, high thread pitch, high thread deepness, self-closing and self-tapping shaping of the implant screw thread, it has a bone-compacting effect and with due diligence it can be immediately loaded.

## Rounded-ending implant

It helps facilitating the minor direction changes when inserting the implant.

# Sizes available of the BONELIT Implants





ø: diameter	L: inserting length (mm)							
(mm)	8	10	12	14	16			
ø 3,3	•	•	•	•	•			
ø 4,1	•	•	•	•	•			
ø 4.8	•	•	•	•	•			