

Applied raw materials

BIONIKA demonstrates the best qualities of Grade 4 titanium used in implant manufacturing for dental implantology according to the ISO 5832-2 ASTM F67 standard.

Due to its adequate purity the biocompatibility is exceptionally good as well as it is provided with exceptional solidity. Initially, we and other implant manufacturers preferred the higher purity titanium but due to solidity reasons nowadays almost every implant is made of Grade 4 or other alloyed titanium in the world. In all cases of implant abutments, alloyed, high strength Grade 5 titanium is applied according to the ISO 5832-4 ASTM F136 standard.

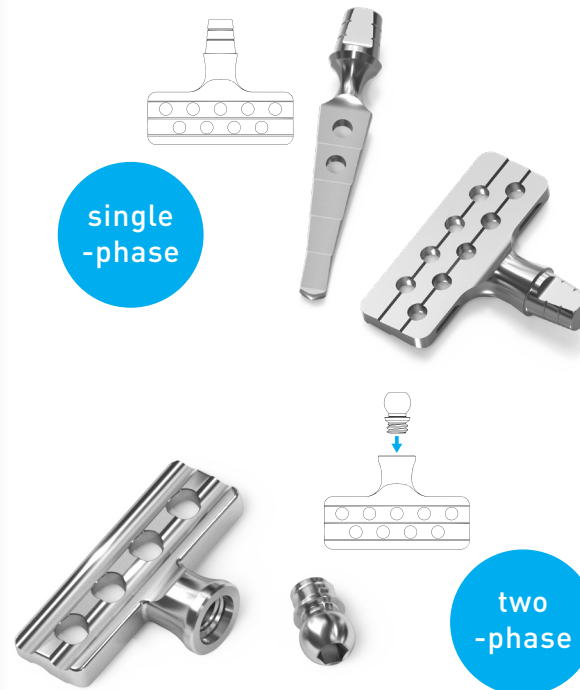
The titanium applied according to the standard is provided with exceptional biocompatibility, it is almost risk-free. Our abutments can also be made from Co-Cr material, and for plastic heads we use POM or PEEK materials.



Almost all professionals see that the implantation success is best determined by the implantologist's practice, as well as surgical conditions, carefully maintained hygiene, and patient abilities.

BIONIC blade implants

The use of blade implants can be considered when the bone is not wide enough for using the screw implants. Although the insertion of blade implants is more complicated than screw implants, they have the advantage that they have a very large stability due to their wider surface. **BIONIC** blade implants are available in single and biphas versions.



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BIONIC blade implants



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.

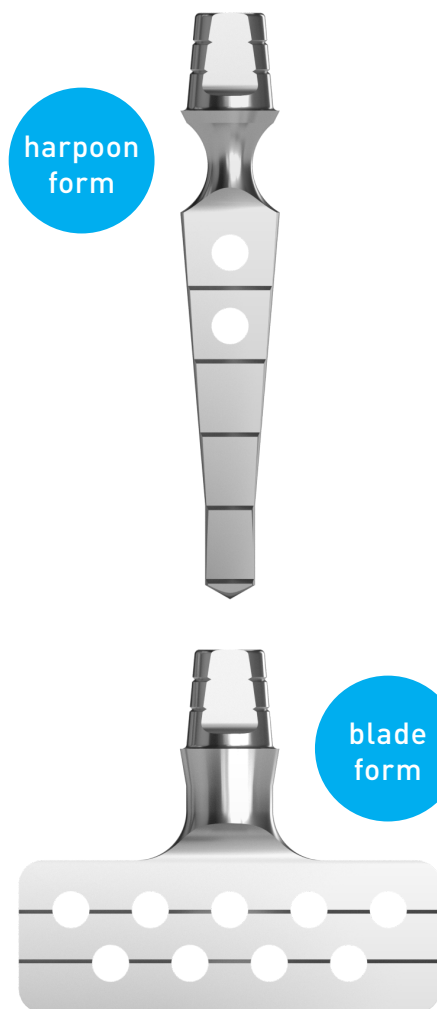
Development: The owners of BIONIKA put great emphasis on continuous product and technological research and development. Our products are developed in close collaboration with doctors and engineers, enabling us to ensure the world-class quality and practical utilization.

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.

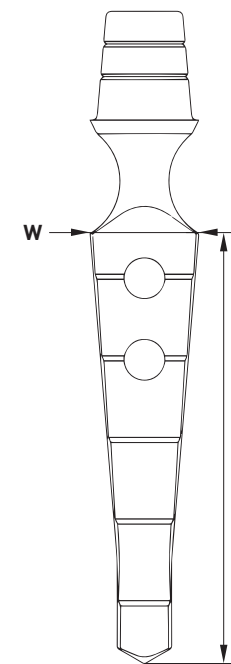
Guarantee: After inserting the implant - the risk of the ossification process is assumed by BIONIKA, independently of cause and effect relationship – exchange guarantee is ensured within one year after the purchase. Otherwise, we provide a long-term, 10-year guarantee for our products.

The BIONIC System

The first major milestone was in 1992 when BIONIKA firstly got product- ORKI license: for the BIONIC ennosseal blade implant system. This is the first Hungarian titanium dental artificial root implant, which got the 238/92. numbered ORKI-license. The BIONIKA was the first in the Hungarian dentistry field to produce dental implants made with raw titanium.



Sizes available of the BIONIC Implants



W: blade width(mm)	L: inserting length (mm)						
	4	6	8	10	12	14	16
4			●	●	●	●	●
6			●	●	●	●	●
8	●	●	●				
10	●	●	●				
12	●	●	●				

Sizes can be varied according to the unique demands.