

THE CHARACTERISTICS OF CANNULATED FEMORAL NECK SCREW

The raw material of our intramedullary nail systems is ISO5832-1 Bioline 316L stainless steel or ISO5832-3 Titanium Gr. 5, on request.

The most important geometrical features of the BCS cannulated femoral neck screw are shown in the illustration below.

Hexagonal head, ball slice shaped collar



Cannulated body for accepting leading skewer



Self-tapping screw



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.

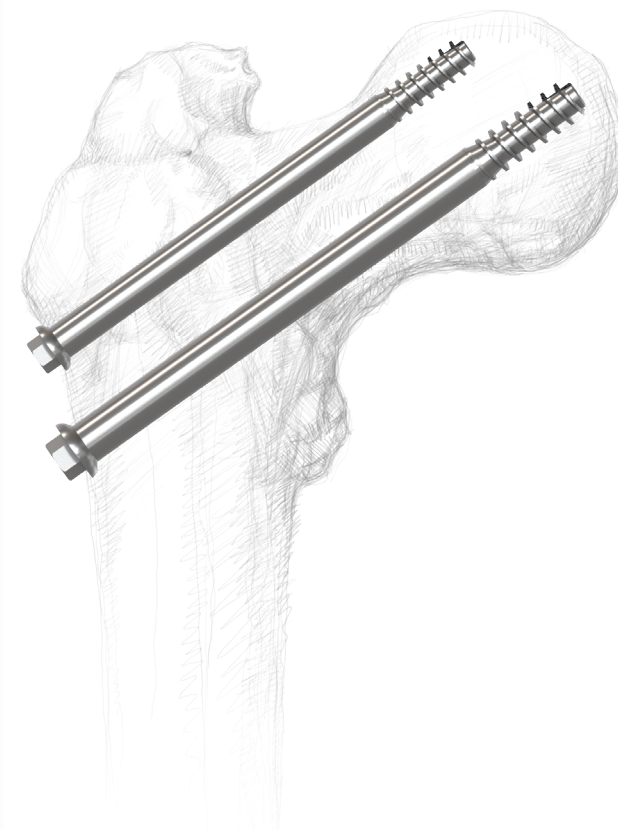
BIONIKA as a researcher, developer, manufacturer and distributor is present in dentistry, oral surgery, traumatology, orthopedics and rehabilitation in the medical-professional areas. According to our objective and perception, we attach great importance to the word „BIONIKA“, which marks a scientific 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.



BCS CANNULATED FEMORAL NECK SCREW

BIONIKA Medline Kft. • 3516 Miskolc, Tégla u. 29.
www.bionika.hu • info@bionika.hu
phone: +36 70 362-9235

SIZES AVAILABLE OF THE CANNULATED FEMORAL NECK SCREW



The self-tapping screw thread of the femoral neck screw ensures a precise, seamless fixation and besides this, reduces the surgical time by eliminating the preliminary thread cutting operation. A drill with 4,5mm diameter should be applied before screwing in according to the core size of the thread.

The cylindrical body of the femoral neck screw is fixed with a conical neck onto the threaded part and with approximately the same diameter. If the firm, tough bone structure requires the expanding drilling on the input part, in this case the a drill should be applied in accordance with the nominal diameter of the screw and in the required length.



As shown in the illustrations, the hexagonal head is connected to the implant body with a ball slice shaped collar, thus ensuring an adequate bearing for the primer compression.

A threaded bore can be found in the hexagonal screw head. This enables the stable fixation of the hexagonal key driver aperture to the femoral neck screw, as a prolongation of it, facilitating the operation of definite, precise targeting and screwing.

A self-tapping, threaded skewer fits to the body of the threaded cannulated screw. The self-cutting and self-tapping shape of the skewer significantly reduces the risk of skewer slipping which is implanted to the femoral neck.



BCS cannulated femoral neck screw with a skewer

Cannulated femoral neck screw D 7mm	
Order code	Dimension
106.001.700.130	130mm
106.001.700.120	120mm
106.001.700.110	110mm
106.001.700.100	100mm
106.001.700.900	90mm
106.001.700.800	80mm
106.001.700.700	70mm
106.001.700.600	60mm
106.001.700.500	50mm
	
106.001.700.550	55mm
106.001.700.650	65mm
106.001.700.750	75mm
106.001.700.850	85mm
106.001.700.950	95mm
106.001.700.105	105mm
106.001.700.115	115mm
106.001.700.125	125mm
Order code	Dimension
D 7mm	
Cannulated femoral neck screw D 10mm	
Order code	Dimension
106.001.100.130	130mm
106.001.100.120	120mm
106.001.100.110	110mm
106.001.100.100	100mm
106.001.100.900	90mm
106.001.100.800	80mm
106.001.100.700	70mm
106.001.100.600	60mm
106.001.100.500	50mm
	
106.001.100.550	55mm
106.001.100.650	65mm
106.001.100.750	75mm
106.001.100.850	85mm
106.001.100.950	95mm
106.001.100.105	105mm
106.001.100.115	115mm
106.001.100.125	125mm
Order code	Dimension
D 10mm	