

BioLine

Dental Implants Series

One System Multiple Options



THE ART OF SIMPLICITY

BioLine[®]

Dental Implants Series

A large, stylized blue swoosh graphic that starts under the 'e' in BioLine and curves upwards and to the right, ending under the 'e' in Dental Implants Series.

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We Are BioLine!

The art of simplicity, is our guiding line

At BioLine Dental Implants, we address the needs of dental implantology's, sharing our experience and technologies, utilize experts and invest in research, training and education. All this results in the art of simplicity solutions that simplify dental implantology procedures and deliver proven clinical long-term success.

We maximize our experience and innovative technologies

We Maximize our experience and technologies to ensure that our products offer the best high-end clinical solution. From the beginning of our activity in 2005, we have been focused on the development, design and manufacture of dental implants and very accurate prosthetic parts. Our state of the art manufacturing facility, which is operational 24/7, includes a dedicated team of designer's clinical consultant, CNC operators and QA department to ensure the highest possible standards and quality of our products enable us to grant a lifetime warranty for our dental implants.

We offer high quality, simple-to-use product lines

We have been focused on state of the art simple-strong-accurate implant technology by developing implants based on two connections principals - an internal hex connection and a conical hex connection. Created on a switching -platform that fit all possible prosthetic system, they allow dentists to use a single restoration line for each implant platform. Furthermore, the development of all our products –implants, abutments and surgical tools – takes existing systems into account in order to make the procedure simple and minimize dental surgent period of learning. As a resolute of this method, our surgical tool kit is compatible with all products and includes everything from basic surgical tools to advanced instruments needed in maximum efficiency and agronomic – economic thinking. And in addition to make work processes short and simple, our products have an overall implant clinical success rate of 98.7% reported and documented according to our detailed recommended instruction for use.

We invest in research and development constantly

Our R&D teams collaborate closely with an international panel of experts who have extensive clinical and academic knowledge. We also invest in new technologies and encourage innovative thinking, clinical trials, studies. This investment of research and development ensures that our products are constantly aligned with market needs and constant improvement's, and that we are able to develop clever, easy and simple to use, best quality products.

We Invest in Training and Education of Students and Our Customers

We firmly believe that sharing our know how, and experience is very important to ensure successful and effective implantology methods and procedures. we provide hands on courses around the world, where we train graduate students and our customers to be as professional and educated\updated in the latest dental implantology procedures and innovative methods developed by our team of experts. We Adopt and Implement Digital Means and Technologies into The Dental World We embrace the technological changes involved in the digitalization of the dental world in order to support the present and future needs of our customers. Consequently, our digital CAD/CAM line offers a wide rangeof restoration products for our two implant connections. Additionally, our Guided Surgery Tool Kit supports guided surgery methods and enables Dentists to select the software to use when planning surgeries, making their work easier and simpler.

We are environment friendly

We are very committed to environment keeping and take maximum measures to avoid using harmful and non-green materials in production lines we also encourage recycling of packing materials and prefer suppliers respecting environment. We encourage contributing to global community, We at Bioline participate in local-global events of contributing to community in developing countries and support pro bono contributor's by giving free products to aid needing communities.

R&D Departments

Engineering cad-cam

Our company specializes in designing computer-aided dental elements. The planning department engineers have extensive experience in many areas.

Computerized mechanical design.

- Strength of materials.
- Simulation of assemblies and subassemblies.
- Metallurgy.

Human engineering and product planning to use a simple, stable and comfortable to the doctor and the patient. Dental product design requires a comprehensive scientific thinking concerning mechanical strength of the product and the ability to ensure the survival during transplantation as well as the creation of a precise & strong connection and resistant to vibration and continuous wear. We are working on the continuous development of new products and improving existing products to ensure total quality so as to assure long-term success in improving the patient's quality of life.



State of the art accurate machining

Our company has a modern factory with high quality computerized machines, very secure, continuous, and repeatable accuracy.

Manufacturing operations based on a computerized manufacturing system and program management and monitoring of the different jobs and very strict production process, controlled by skilled workers with knowledge and experience.



Quality inspection

Our company manufactures medical-dental products during application and adaptation to most stringent workmanship standards in the industry. The company's products are tested in the production process and in the transition between the various production stages by qualified inspectors in accordance with the specifications defined in production procedures. Our company is certified to ISO 13485:2012 and carries the CE-1023 icon. Our company is working constantly to improve the quality policy and ensuring maximum quality level of the company's products, all to ensure excellent products and customer satisfaction.



Clean room packing

Packaging process is done in a clean room, ensuring purification level specified by the medical device for dental implants. The packaging room environment ensures hygiene of the product during the sterile packaging and ensuring long shelf life without any possible contamination of the product. This clean room environment is suitable for international labor standards defined in the CE standard.



Quality System

At Bioline, quality management is an integral part of the way we do business. Quality is one of our company's core values. We believe that in order to provide quality products and service to our customers, we must think-act-implement quality at all times. Our team is comprised of highly professional and qualified personnel who all contribute, each with their own expertise, to cooperatively create the high standards we uphold. Integrity and transparency are an integral part of our organizational culture, enabling us to offer products from the highest of standards in the dental market. Bioline dental Implant in-house manufacturing facilities allow it to efficiently produce commercial quantities of implants and accurate prosthetic parts to meet US, EU, Rus, India Mexico and many other countries requirements. We have a state of the art production facility that is dedicated to providing high quality products. Each and every one of our products designed and manufactured to meet the highest level of standards worldwide and we are regulatory approved by a number of leading notify bodies.

International Regulations-Certifications

As an advanced medical certified manufacturing facility, Bioline is fully compliance with all European directive for Medical Devises EN 93/42/EEC and ISO 13485:2016. Our factory is inspected on a regular basis by European Notified Body to ensure we are comply the requirements of the Standards.

Bioline is authorized to operate within USA and the EEA and all regulating bodies have given their approval to Bioline. We have invested a significant amount of resources to ensure that we maintain high quality in our manufacturing processes.

Bioline had gain and work according to the following standards:

CE marking - Certificate Number MED 31574

EN ISO 13485:2016 – Certificate Number IL53646H.

FDA 510k clearance for our popular implants , restorative abutments , prosthetic components and surgical instruments (K250872)

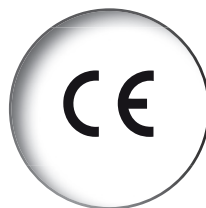
RUS – Russian regulation and marketing certificate

Free sale & Declarations of Conformity for medical device products are available

Lifetime Warranty Policy

Bioline has complete confidence in the quality and long-term success of the products we manufacture and market, therefore we offer a lifetime guarantee to all of our products.

provided they are used properly and in accordance with our instructions for use and maintenance.



Biofix[®] Surface

Materials used:

Materials selection is a critical factor to ensure long-lasting high-end results, therefore we at BioLine using from day one the well-known titanium grade 5 -Ti6Al4V- which is known for his one of a kind biocompatibility along with high mechanical strength properties.

BioLine implants being active implants with a smart design helps to achieve an excellent primary stability in most of the clinical indications followed by a possibility of immediate loading hence the mechanical strength plays a major role in order to avoid implant fracture during and post the implant placement

What Is Biofix[®]?

Biofix Surface is a unique surface treatment method developed by BioLine company we aim to keep the whole process as clean as possible without involvement of any industrial based materials which are harmful and hard to be cleaned. We follow the well-known popular S.L.A approach – Sandblasted, Large-grit, Acid-etched surface treatment protocol using the BioLine Approach. we sandblast Calcium phosphate in large grit in order to get a great surface topography and roughness, and post that we use the citric acid for acid etching in order to remove the remaining sandblasted particles . this entire process is green & clean without any harmful materials which promotes osseointegration and offers one of a kind cleanliness & surface purity which increases the success rate, long term implants survival and the hydrophilicity without any additional UV Activation / Plasma treatments

The usage & advantage of calcium phosphate:

Calcium phosphate(CaP)biomaterials currently in use for bone repair, substitution, augmentation, and regeneration include hydroxyapatite of synthetic or biologic origin, beta-tricalcium phosphate (β -TCP) and biphasic calcium phosphate. They are available as granules, porous blocks,CaP/polymer composites,cements, and as coatings on orthopedic and dental implants. Experimental CaP biomaterials include CO₃-and F-substituted apatites, Mg-and Zn-substituted β TCP,and CaP glasses.

Biofix[®] : Biological Surface Treatment concept:

The use of a granular, multi-phase calcium Phosphate abrasive such as **Biofix[®]** Apatitic Abrasive has been recognized and Accepted for many years in the dental, orthopedic, and spinal markets.

Biofix[®] Apatitic Abrasive provides a textured surface to Either increase the surface area that comes in contact with the bone or as a surface preparation prior to the application of a Coating such as hydroxyapatite or porous titanium.

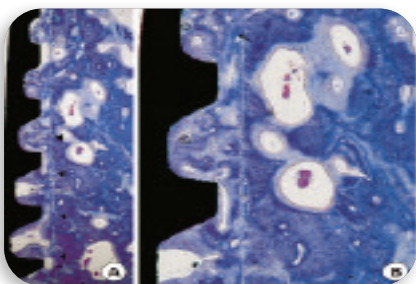
Conventional abrasive blasting techniques that utilize alumina or silicon carbide always leave residual abrasive as a Contaminant embedded in the implant surface.

Biofix[®] Apatitic Abrasive will provide a residue free surface after passivation.

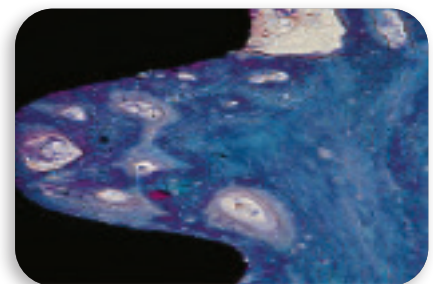
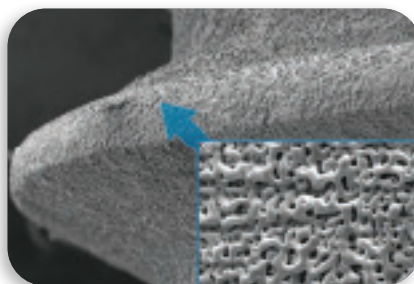
The reference literature below links to research studies Which discuss Sandblasted And Acid Etched (SLA) surface treated implants– specifically with the use of Boline's **Biofix[®]** Apatitic Abrasive.

Our guiding line in **Biofix[®]** formula is to avoid possible metal contamination's cussed by remains of abrasive materials sprayed on the titanium implant during surface treatment creation.

Biofix[®] treatment provide the cleanest and most effective result to be monitored for many years to come.



Rotational implants group, 4-week healing period (H&E: A, $\times 40$; B, $\times 100$).



References:









<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3602536/>
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3596629/>
http://www.jaypeejournals.com/eJournals/ShowText.aspx?ID=7317&Type=FREE&TYP=TOP&IN=_eJournals/images/JPLOGO.gif&IID=555&isPDF=YES

Labelling & Packaging

State of the art packaging, easy to use & to handle during the time of surgery.
clear warranty lable contain the following symbols:



Scan me!

 0476	
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>STERILE R</p> <p>Sterilized by Gamma radiation</p> <p>2  Do not resterilize</p> <p> Do not use if package is damaged</p> <p>2  Do not reuse</p> </div> <div style="width: 45%;"> <p>R_x only  +30°C +10°C</p> <p> Caution, consult accompanying documents</p> <p> Use by date:</p> </div> </div>	<p>BIOLINE</p> <p>DENTAL IMPLANT</p> <p>SPIRAL IMPLANT Ø4.20 L10.00 mm mm</p>
<p>EC REP Obelis</p> <p>European Authorised Representative Center Registered Address: Bd. General Wahis 53 1030 Brussels-Belgium www.obelis.net Tel: +32(0)2 732 59 54</p>	<p>REF BIO-F4210</p> <p>LOT AS17000052</p> <p>Manufactured by BioLine Dental Implant Systems Ltd Ha Ella 1 Street Tefen 2495900 Israel</p> <p>phone +39 375 6894666</p> <p>www.BioLine-implants.de Info@BioLine-implants.de</p>

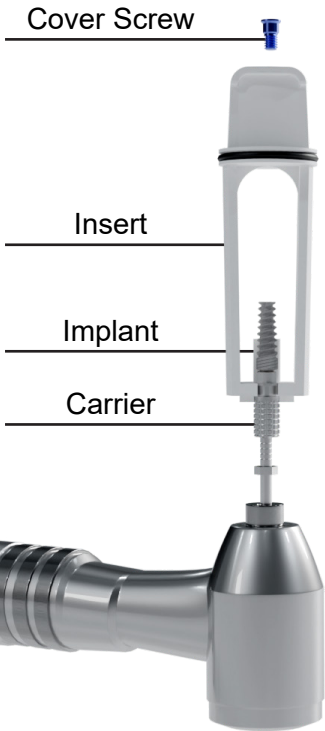
Product name + size

Catalog & lot numbers

Manufacturer details



Packaging



Open the box



Peel off cover & remove tube



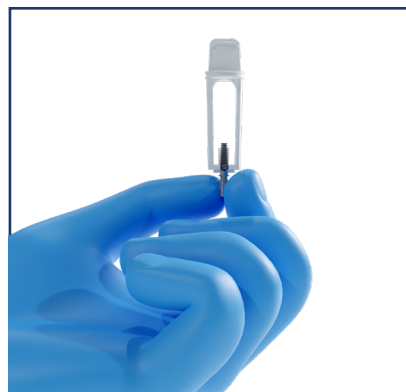
Open tube cap



Take the insert out



Connect hand piece/ratchet driver to the carrier



Manual pickup of the implant touching the carrier only



Initial insertion until initial resistance achieved



Initial insertion until initial resistance achieved

- Do not fully submerge the implant using the carrier. once initial resistance achieved please remove the carrier and use motor/ ratchet drivers which are available in the surgical kit

BioGuide

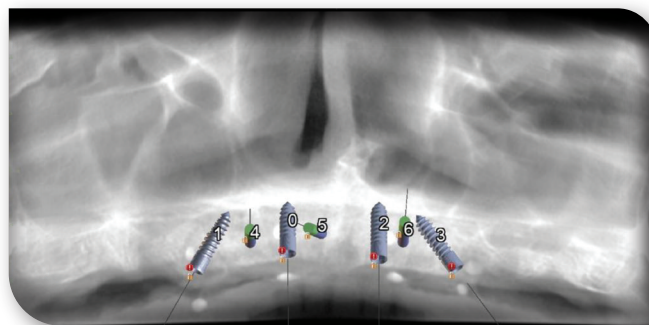
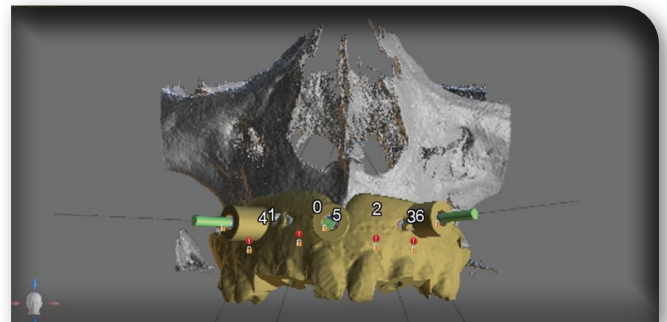
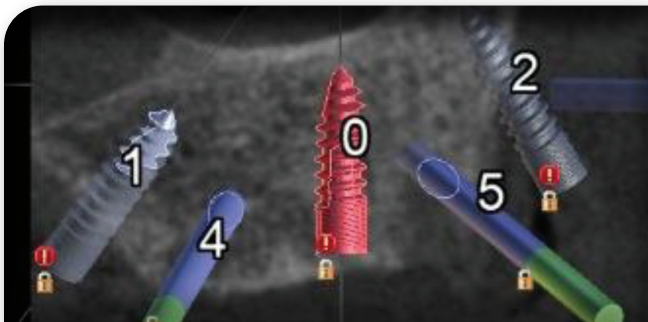
BioGuide – Guided surgery services

Currently, there have been major technological developments in diagnostic imaging methods and turned more accessible. The introduction of computed tomography images, including cone-beam computed tomography (CBCT), improved the outcome of implant-based treatments since it allows preoperative diagnosis with excellent quality and less exposure of the patients to radiation. When CBCT was associated with computer-aided design and manufacturing (CAD/CAM) provided surgical planning in both virtual and 3D environments, providing the practitioner with a realistic view of the patient's bony anatomy, thus permitting a virtual execution of the surgery in an ideal and precise prosthetically driven manner. This approach has been introduced to transfer virtual planning to the clinical procedure, allowing for less invasive surgeries, adequate implant placement, reduction of postoperative discomfort, and fabrication of prosthetic structures before surgical procedures.

The CAD/CAM has generated a growing trend in recent studies. There are different techniques involving guided surgery, evaluating accuracy of positioning of dental implants in comparison with virtual planning, and clinical results in the patients. The use of computer-guided surgery had been restricted to the advantages surgical aspects of implant treatment. Prosthetic treatment still has to be carried out following conventional protocols. However, the link to transfer prosthetic information to the patient is of great importance, and exact reference points are required to position the implants in such a way that prefabricated prosthetics have a precise fit.

BioLine company established the BioGuide Service – computer guided surgery system in order to simplify implantology procedure to the beginners, and open the gate to the ones that was having a doubts. More than that BioGuide Service ensure high precision non-risk operation even for the experienced doctors, in a complicated case as implant placement in the esthetic zone / close to the mandibular nerve/ maxillary sinus / in a case of using extra-long implants as zygomatic / pterygoid as a graft less solution.

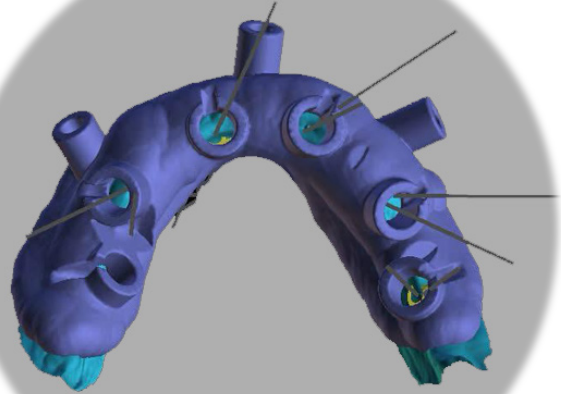
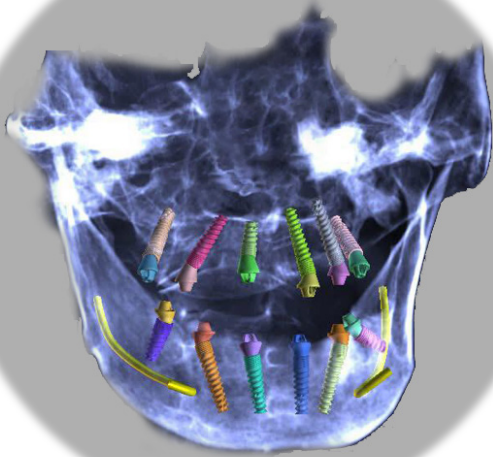
Contact us / your local dealer and plan your next safe & successful computer guided surgery!



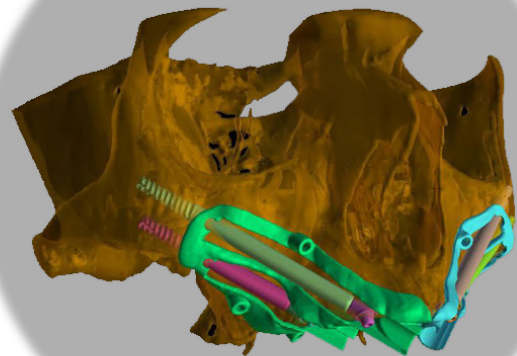
Ref: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5883470/>

BioGuide

Full mouth guided implantology planning



Zygomatic implantology planning



Design Concept

Platform switching concave abutment

Suitable for subcrestal placements
Preventing bone loss and soft tissue shrinkage

Tapered Coronal Neck

minimal cortical bone pressure - bone loss prevention

Active And Tapered Body

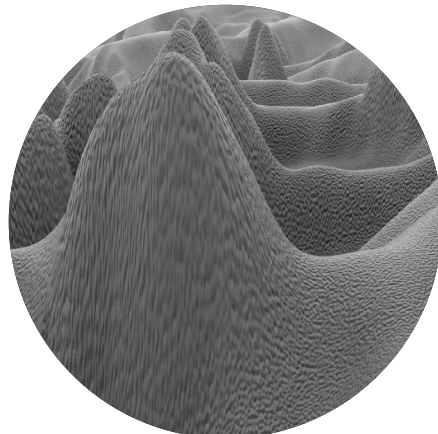
3 threads design for maximum performance in any bone type

Condensing Channel

high , deep and tall condensing channel for greater
bone accommodation
and condensation

Active Apex

easy & smooth insertion followed minimal drilling



SLA BIOFIX SURFACE

biological surface treatment for high
hydrophilicity , fast healing and long term
osseointegration

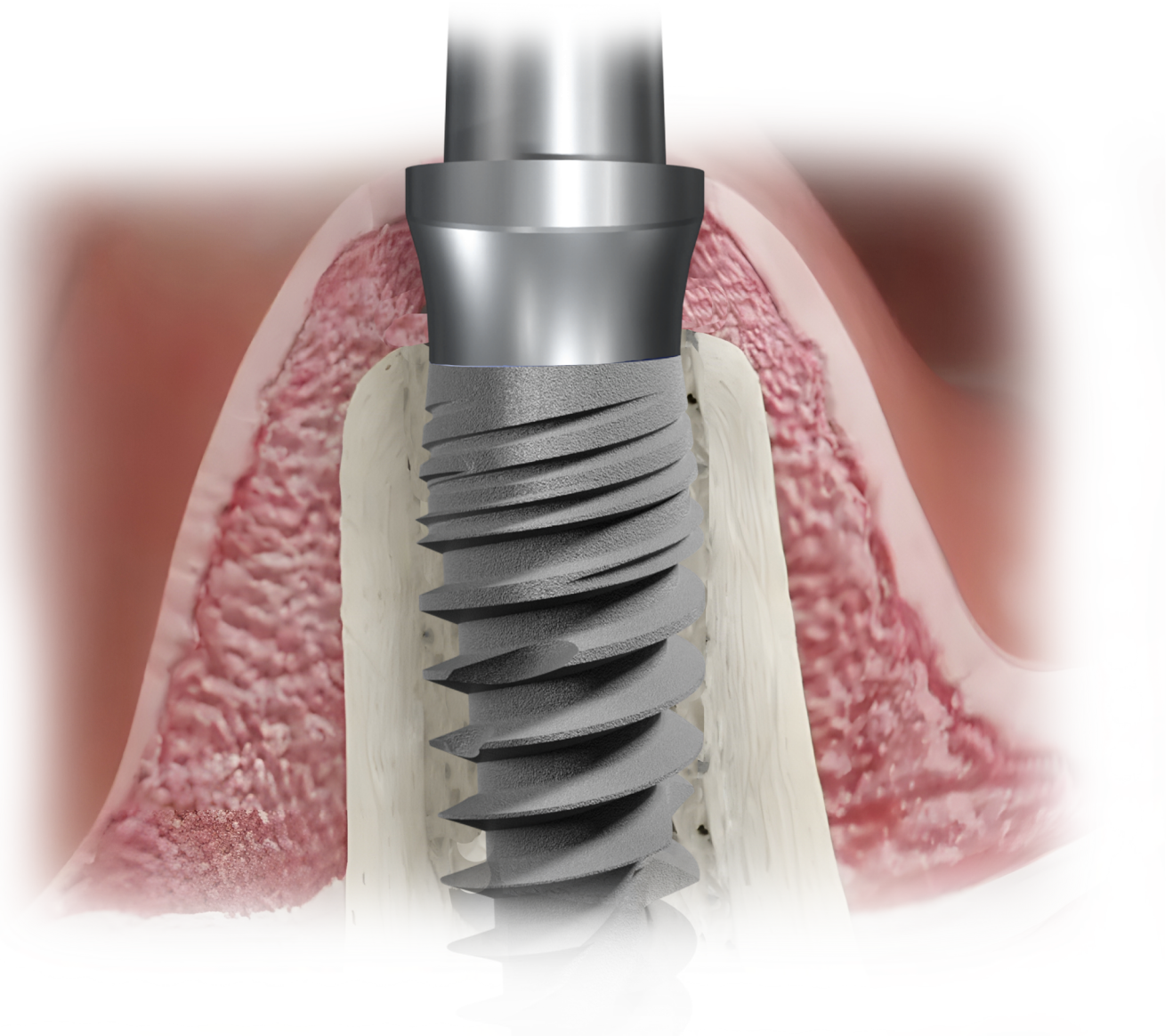
Concave Profile Prosthetic Solutions

Concave Profile Abutments Series Respecting Biology !

What Are Concave Abutments?

Concave Abutments are anatomically shaped internal hex abutments. This curved shape allows the patient's body to create a thick layer of mucosal tissue around the trans-gingival connection. Ultimately, this results in a more aesthetically pleasing appearance because no metal is visible as well as reducing the risk of micro movement and micro leakage due to the stable healthy tissues which formed around the abutment profile which creates one of a kind emergence profile. The concave abutments can be universally used in any restoration indication and in any region , offering an outstanding aesthetically driven results ,

The concave abutments can be easily used in flap less & sub crestal implant placements followed by the modern implantology approach to minimise the forces on the implant abutment junction and support bone growth around and above the implant level for high end long term clinical success with zero bone loss!

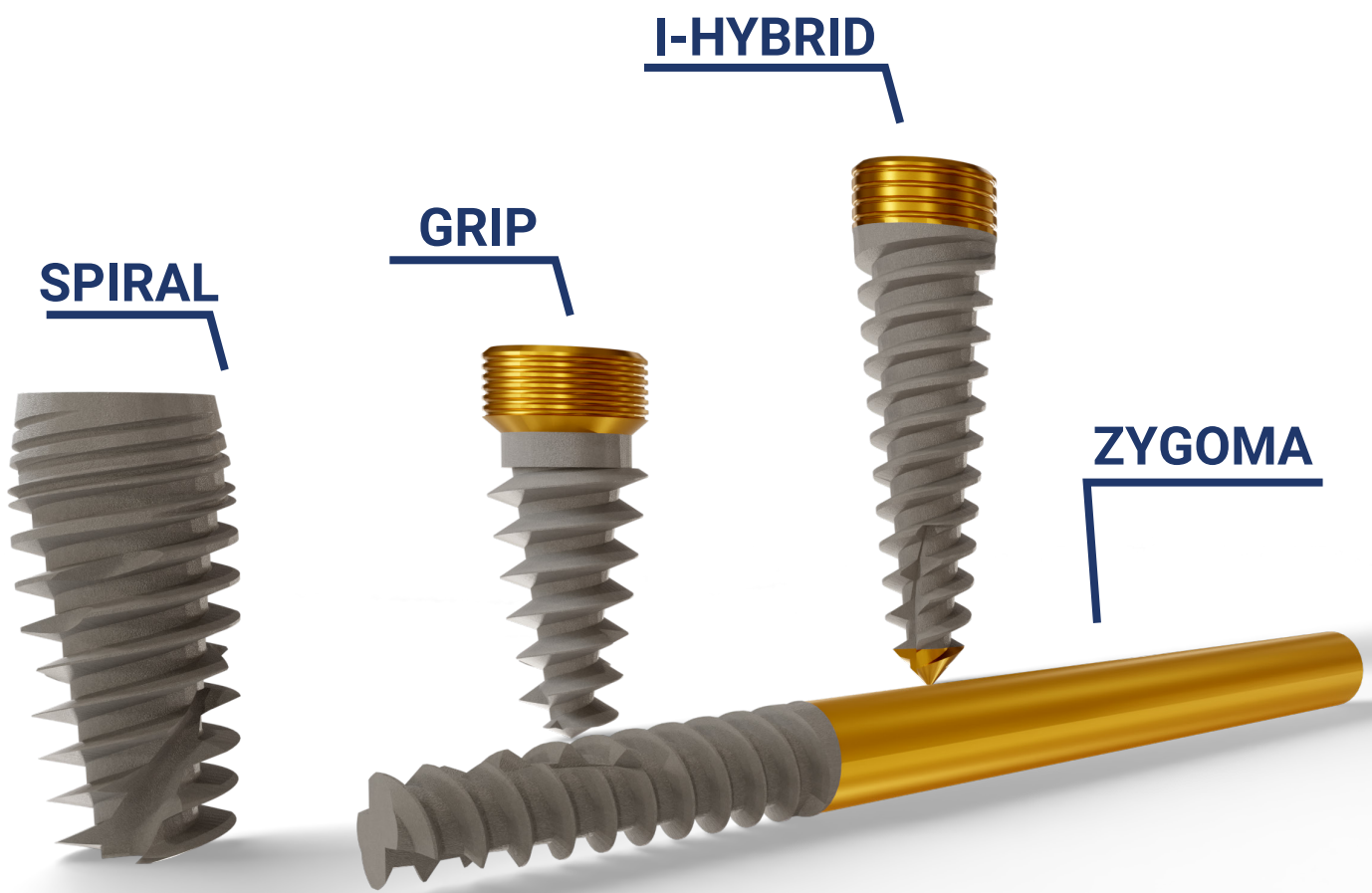


Dental Implants Collection

Internal Hex

Internal hex advantages

- Easy simple to use
- One platform fits to all implant diameters
- Proven and well known
- High mechanical strength capacity
- High accuracy and easy future maintenance

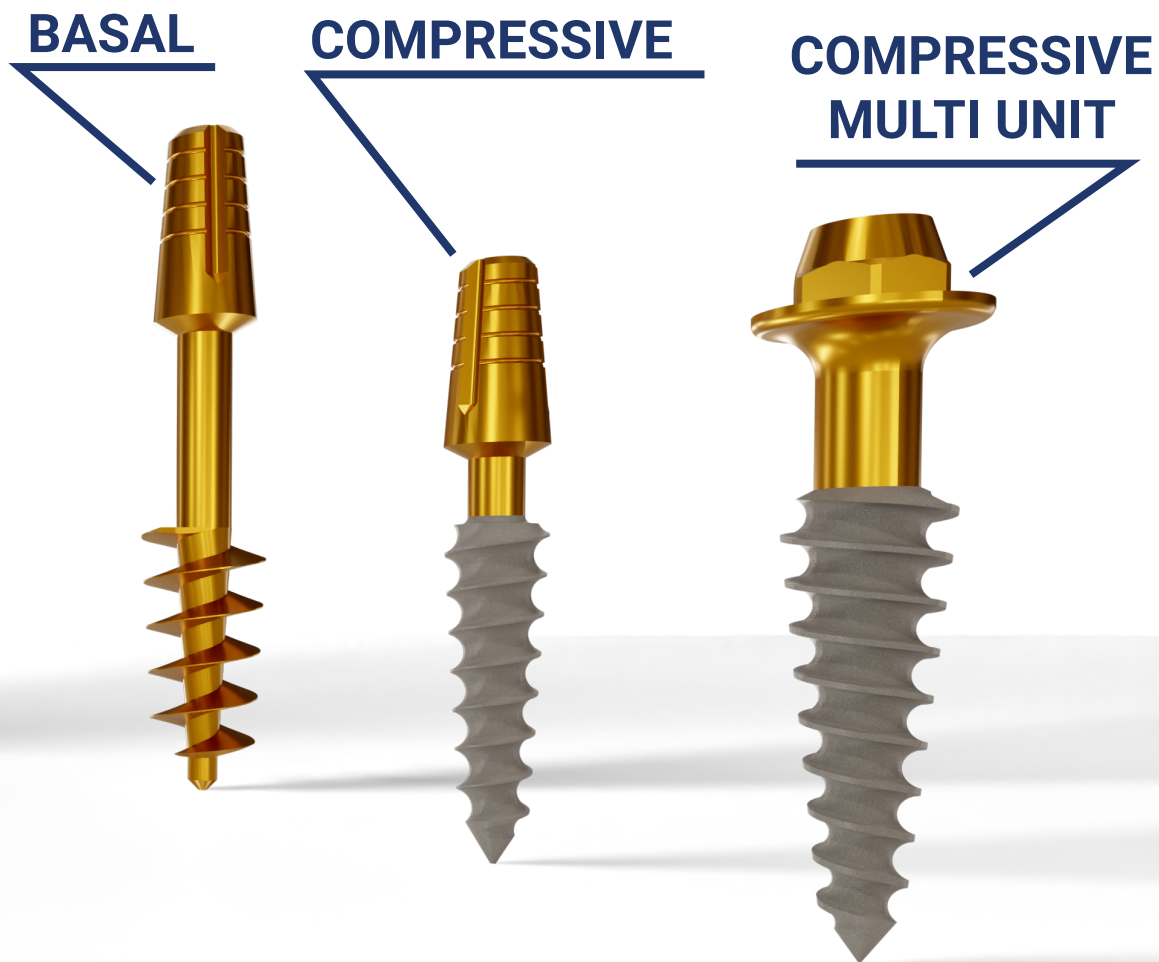


Premium Implants collection

One Piece

One Piece advantages

- No connection - solid strong neck & abutment
- Bendable neck for perfect angulation compensation & parallelism
- Aggressive design for better primary stability
- Wide range of designs, diameters, and lengths
- Surface treatment options - to fit in any bone condition
- Key hole flapless procedure, time and pain saving



Suitable For Any Clinical Indication !

SDI

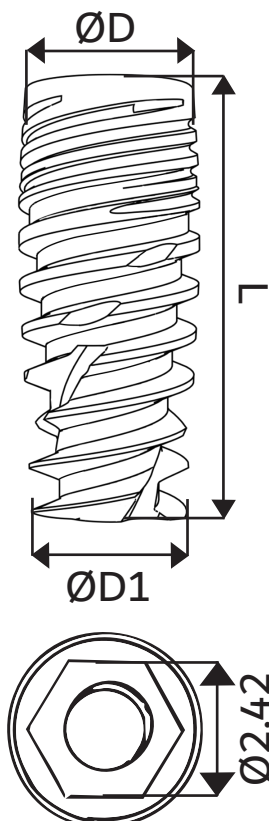
Our spiral implant is a unique product based on traditional and proven design of tapered implant threaded balanced and dynamic self-drilling capability. Outstanding tapered implant symmetrical structure that contributes to balance efforts and equal distribution of possible loads during implantation and for the duration of use.

Anodized coating technology unique anti-bacterial process.

The implants undergo anodized coating process which contributes to creating anti-bacterial shell on titanium raw. The coating is made from natural ingredients Food Standard \ Medicine and unattended polluting industrial materials. Anodized great extent contributes to the mechanical strength and maintaining internal connection implant restoration parts and prevents friction between bare metal, this procedure ensures long-term success of rehabilitation on implants.

SDI Implant advantages

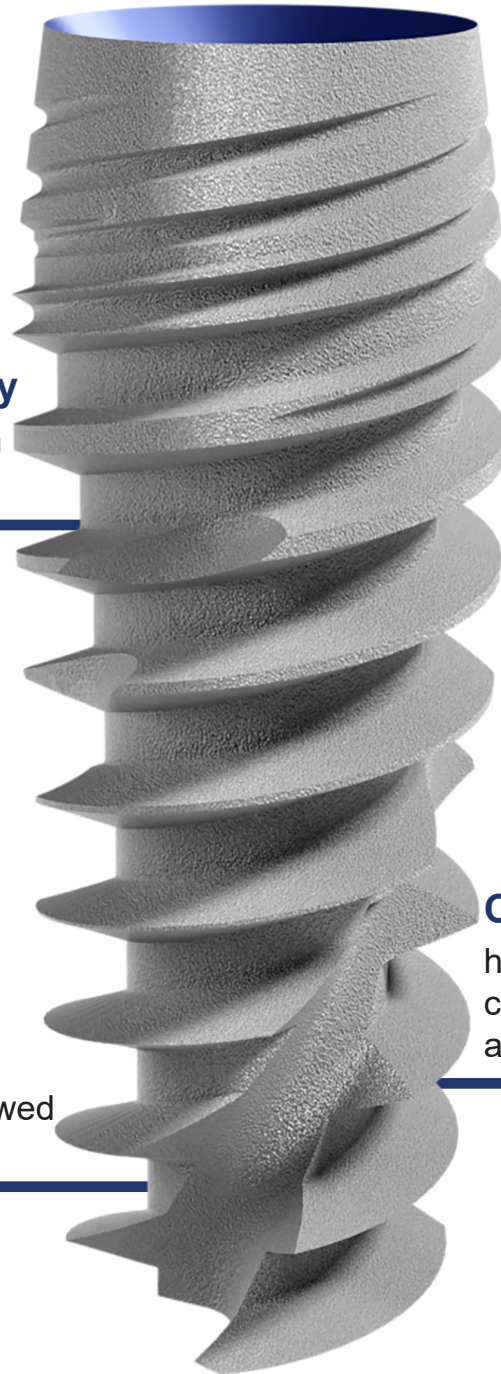
- User friendly
- Easy & fast insertion lead by the active design improved bone cutting and condensing ability's
- Higher BIC (Bone & implant contact) lead for excellent primary stability
- Can be used for immediate placement & loading
- Reduce Bone resorption
- **Biofix** Biological surface for fast healing and long term osseointegration



ØD (mm)	ØD1 (mm)	L (mm)	Ref. no	
2.9 • SLIM	2.5	8	BIO-F2908	
		10	BIO-F2910	
		11.5	BIO-F2911	
		13	BIO-F2913	
		16	BIO-F2916	
3.3	2.6	8	BIO-F3308	
		10	BIO-F3310	
		11.5	BIO-F3311	
		13	BIO-F3313	
		16	BIO-F3316	
3.5	2.8	6	BIO-F3506	
		8	BIO-F3508	
		10	BIO-F3510	
		11.5	BIO-F3511	
		13	BIO-F3513	
		16	BIO-F3516	
		3.0	6	BIO-F3706
			8	BIO-F3708
			10	BIO-F3710
			11.5	BIO-F3711
13	BIO-F3713			
3.75	2.0	16	BIO-F3716	
		18	BIO-F3718	
		20	BIO-F3720	
		22	BIO-F3722	
		25	BIO-F3725	
4.2	3.6	6	BIO-F4206	
		8	BIO-F4208	
		10	BIO-F4210	
		11.5	BIO-F4211	
		13	BIO-F4213	
	2.5	16	BIO-F4216	
		18	BIO-F4218	
		20	BIO-F4220	
		22	BIO-F4222	
		25	BIO-F4225	
5.0	4.2	6	BIO-F5006	
		8	BIO-F5008	
		10	BIO-F5010	
		11.5	BIO-F5011	
		13	BIO-F5013	
6.0	5.2	16	BIO-F5016	
		6	BIO-F6006	
		8	BIO-F6008	
		10	BIO-F6010	
		11.5	BIO-F6011	
		13	BIO-F6013	

Spiral Dental Implant

Universal Perfection!



Tapered Coronal Neck

minimal cortical bone pressure -
bone loss prevention

Active And Tapered Body

3 threads design for maximum
performance in any bone type

Condensing Channel

high, deep and tall condensing
channel for greater bone
accommodation and condensation

Active Apex

easy & smooth insertion followed
minimal drilling

Surgical Recommendation's

The recommendations presented in this drilling Protocol, based on long experience of specialists in the world. However it is important to examine each case on its merits based on the physician's ability to perform the procedure, and the state of the patient's jaw implant transpires with the beginning and there may be changes according to the situation.

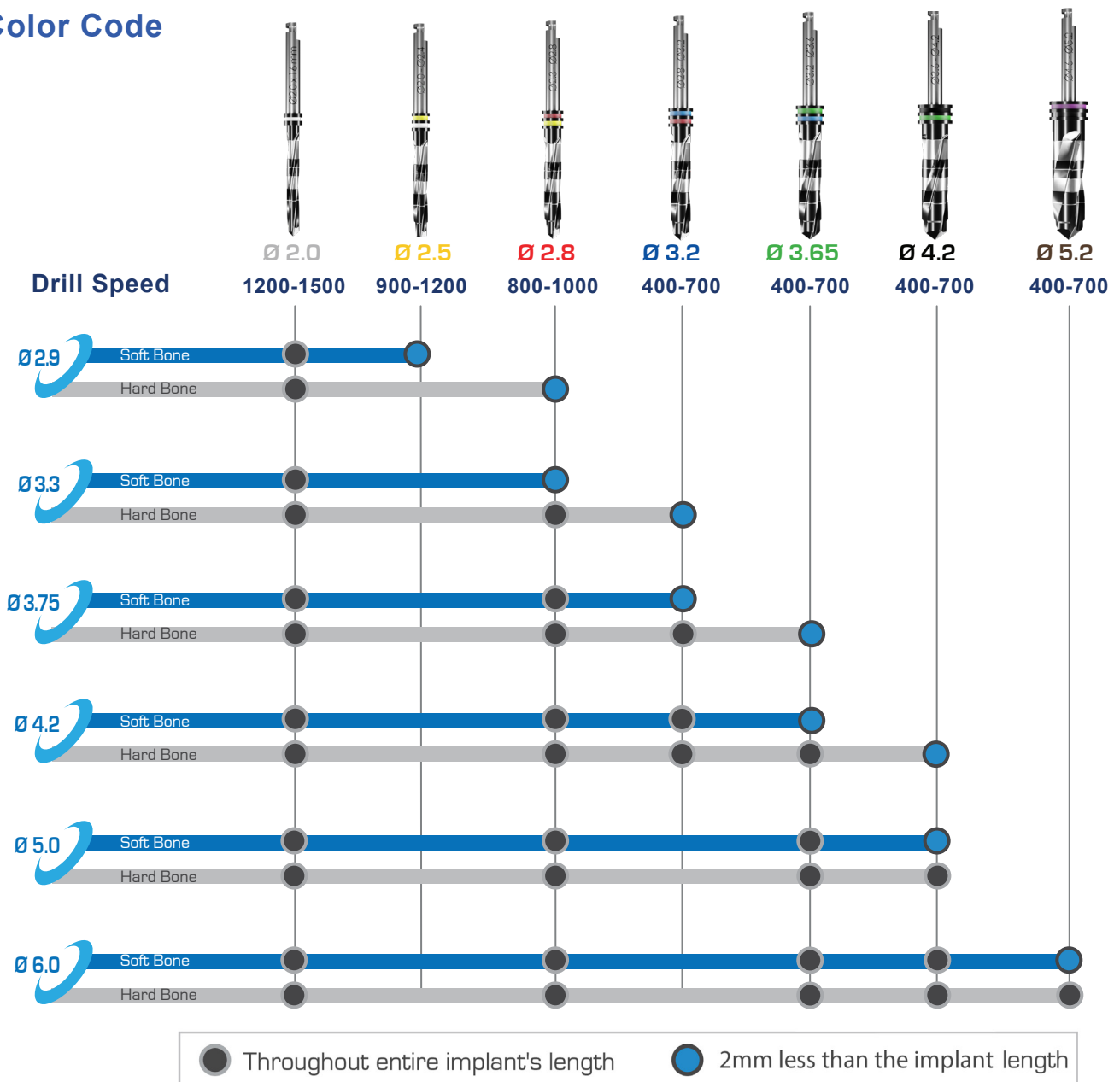
In principle, we recommend using a drill that its diameter smaller than the diameter of the implant, in the case of soft bone condition. Also, consider using a similar drill diameter implant intended for implantation in the case of hard bone in order to avoid trauma to the bone and ensure rapid bone building around the implant.

IMPORTANT NOTICE :

It is important to ensure all instrumentation, surgical hand pieces, and equipment has been sterilized to prevent the possible contamination of the system, and the patient.

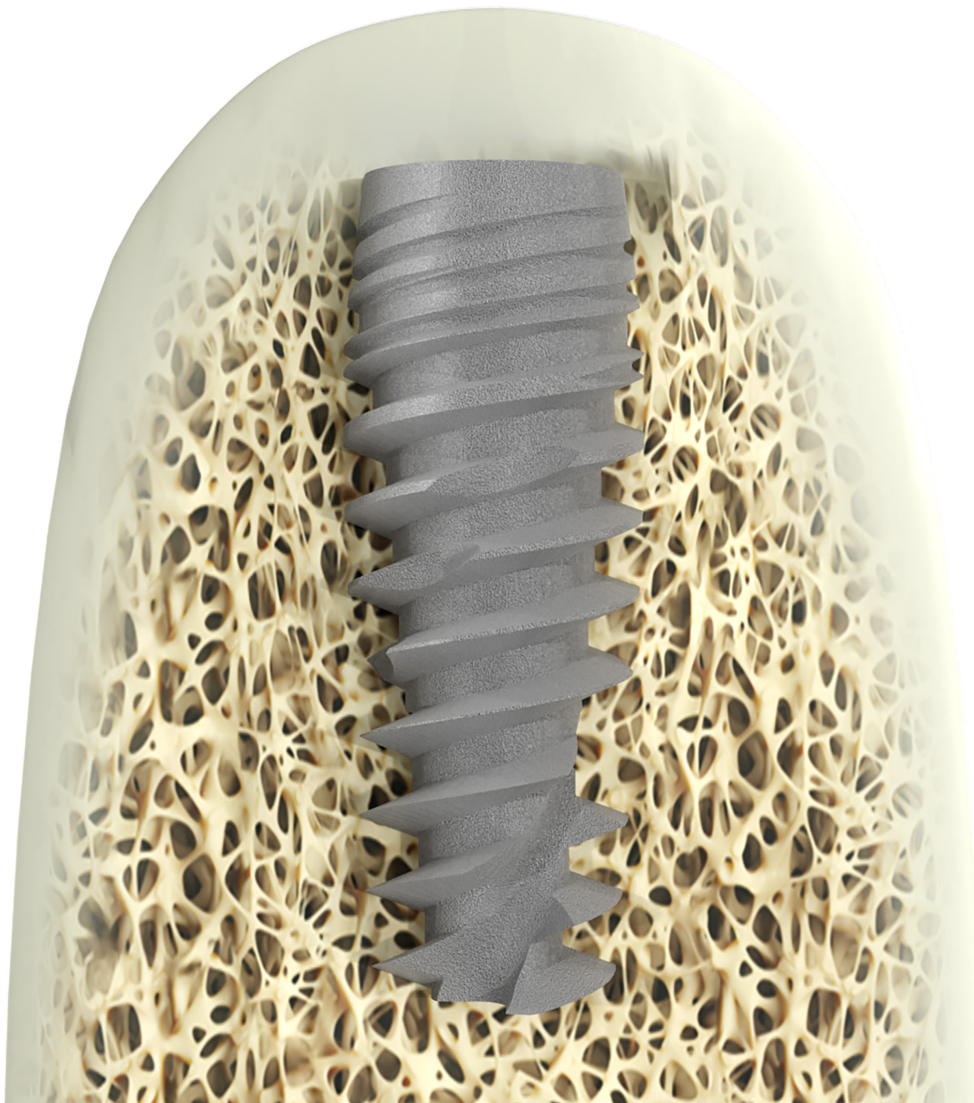
- Recommended implant insertion torque 35-65 NCM
- Recommended drilling speed 400-1500 RPM
- Recommended prosthetics screw tightening torque 25-30 NCM
- Recommended healing cap tightening torque 15 NCM
- Recommend Multi unit prosthetic screw tightening torque 15-20 NCM
- Recommended Angulated Multi unit abutment Screw tightening torque 20-25 NCM
- All procedures recommended by BioLine Implants systems are not replacing the surgeon experience and judgment

Color Code



High Performance in Any Bone Type !

Suitable for Delayed , Early &
Immediate Loading

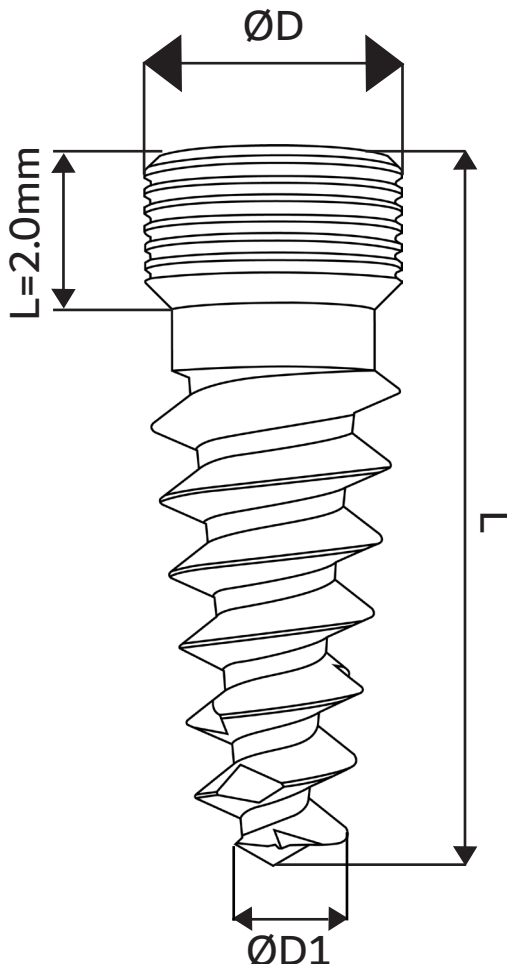


GRP

Our grip is a unique implant which is extra tapered to create extra self-osteotomy, bone condensing & preservation, by extra sharp and deep thread design+ thin and sharp apex
This unique featured design required different drilling sequence as per the Drill Less Approach

Grip implant advantages

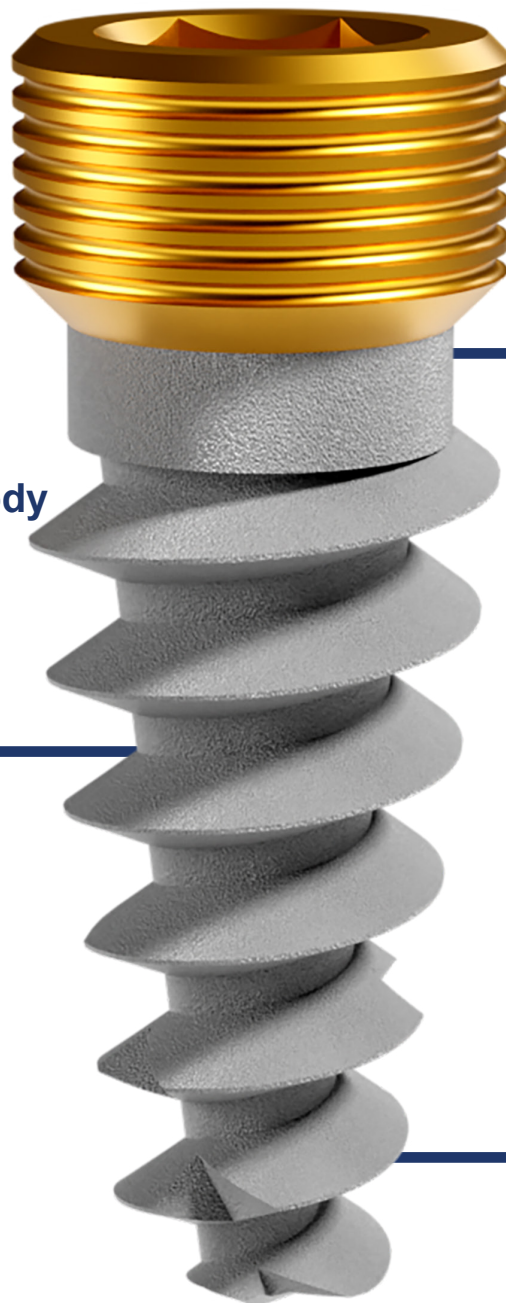
- User friendly
- Minimal drilling protocol required
- Implant can be used as a self-osteotome
- Design specially for under drilling sockets
- Gold anti-bacterial neck, prevent peri implantitis and crestal bone loss
- Bone condensing threads-maximum primary implant stability
- **Biofix** Biological surface for fast healing and long term osseointegration



ØD(mm)	ØD1	L (mm)	Ref. no
3.75	1.5	8	BIO-GRIP3708
		10	BIO-GRIP3710
		11.5	BIO-GRIP3711
		13	BIO-GRIP3713
		16	BIO-GRIP3716
4.2	2.0	8	BIO-GRIP4208
		10	BIO-GRIP4210
		11.5	BIO-GRIP4211
		13	BIO-GRIP4213
		16	BIO-GRIP4216
5.0	2.5	8	BIO-GRIP5008
		10	BIO-GRIP5010
		11.5	BIO-GRIP5011
		13	BIO-GRIP5013
		16	BIO-GRIP5016

Grip Dental Implant

Predictable Immediacy



Straight Coronal Neck

- Anti-bacterial anodized coating-bone loss prevention
- Micro rings -greater surface area
- Symmetrical neck – better load distribution
- Build in platform switching

Active And Tapered Body

- Extra tapered body
- High condensing threads
- Sharp threads -self osteotomy creation
- High Primary Stability

Active Apex

- Extra sharp & thin thread for easy insertion
- Narrow core - self tapping
- Prevent damage to the anatomical structures

Surgical Recommendation's

IMPORTANT NOTICE :

It is important to ensure all instrumentation, surgical hand pieces, and equipment has been sterilized to prevent the possible contamination of the system, and the patient.

Soft bone (D3,D4): all sizes of grip implant to be drilled 2 mm less then the implant length

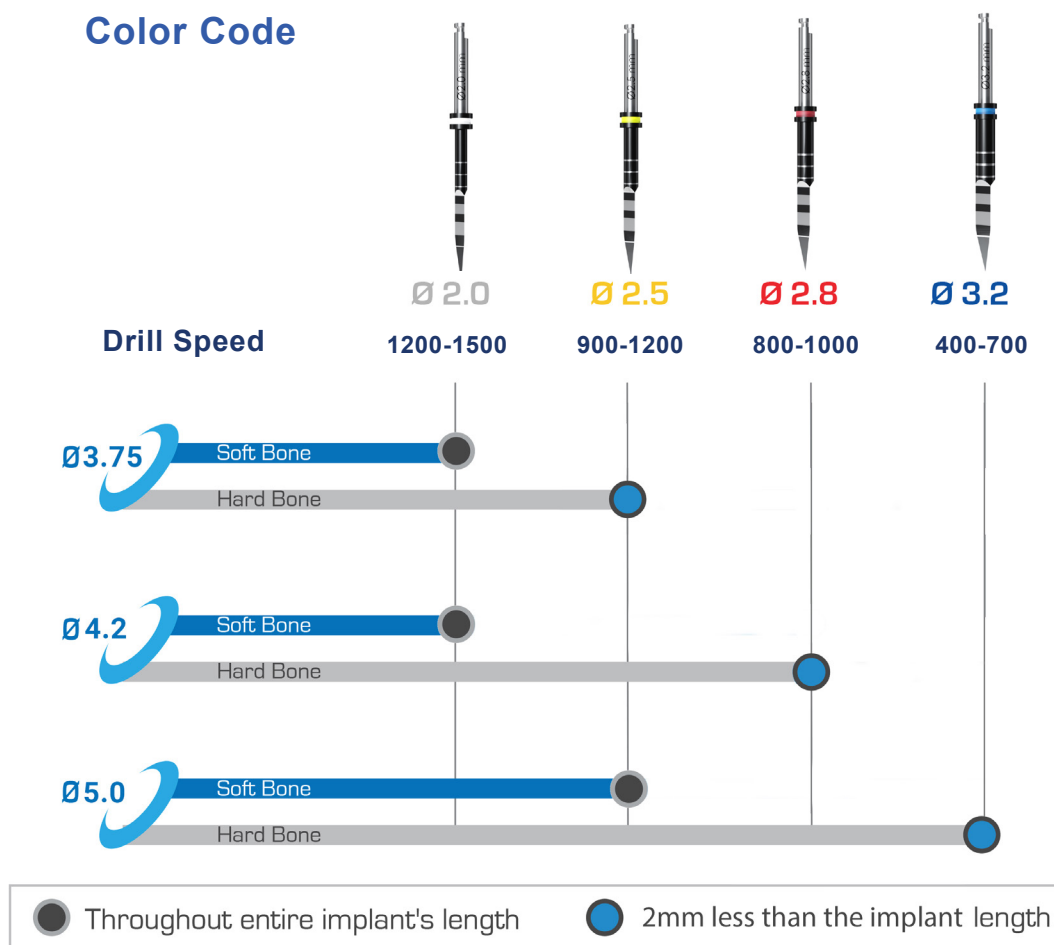
Hard bone (D2,D1): Ø2mm diameter (pilot drill) to be drilled full according to the implant length next drills to be drilled 2mm less then the implant length

final drill to be countersink (for 3.75&4.2 drill Ø3.75 - Ø4.2, for Ø5.0 implant drill Ø5-6)

IMPORTANT NOTICE :

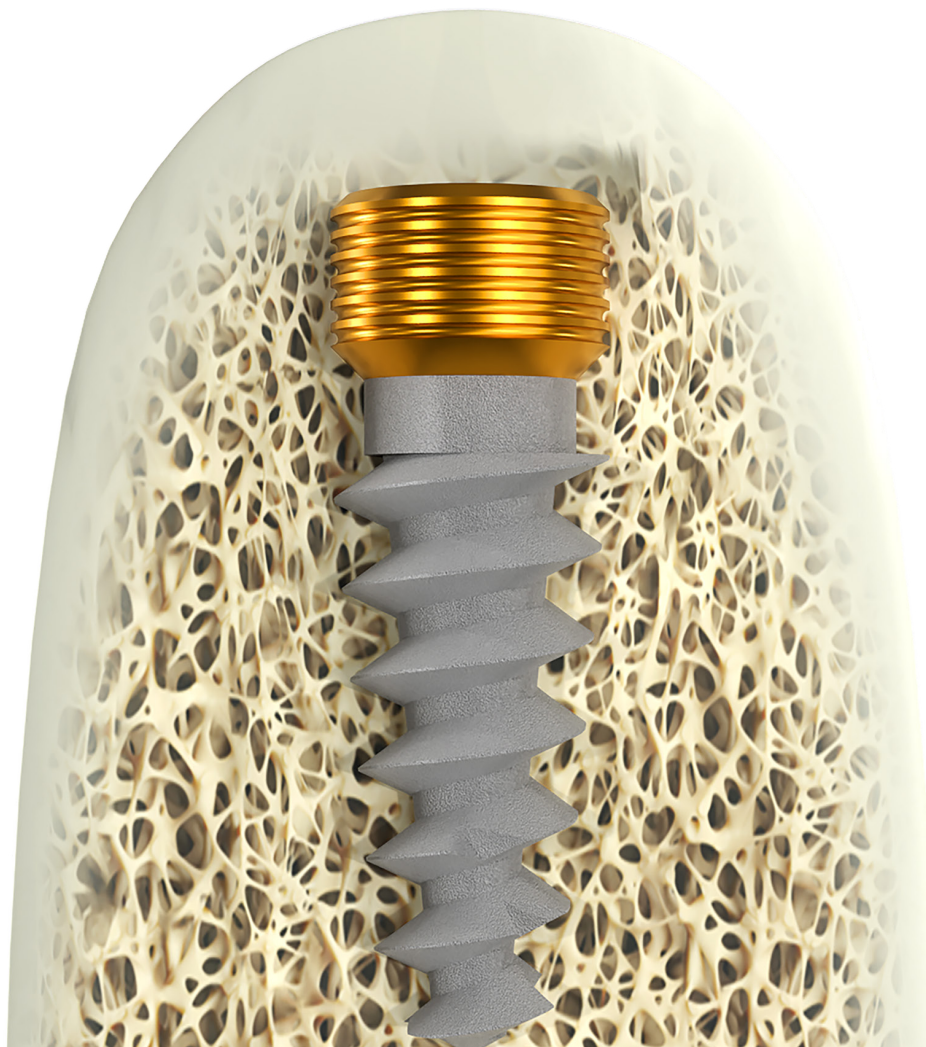
It is important to ensure all instrumentation, surgical hand pieces, and equipment has been sterilized to prevent the possible contamination of the system, and the patient.

- Recommended implant insertion torque 35-65 NCM
- Recommended drilling speed 400-1500 RPM
- Recommended prosthetics screw tightening torque 25-30 NCM
- Recommended healing cap tightening torque 15 NCM
- Recommend Multi unit prosthetic screw tightening torque 15-20 NCM
- Recommended Angulated Multi unit abutment Screw tightening torque 20-25 NCM
- All procedures recommended by BioLine Implants systems are not replacing the surgeon experience and judgment



Designed for immediate extraction placement's !

Followed by immediate loading



PTR

Pterygoid implant insertion is an alternative to avoid sinus-lifting or other grafting procedures to treat the posterior maxilla.

Pterygoid implant are especially used in partial edentulism in order to avoid distal cantilevers

The placement of a pterygoid implant requires surgical experience.

Pterygoid implants have high success rates, lesser bone loss levels to those of conventional implants, minimal complications and a good patient acceptance.

Pterygoid implant advantages

- Graftless solution – avoid sinus augmentations-time & money saver
- Shorten the time of permanent teeth delivery
- Gold anti-bacterial neck, prevent peri implantitis and crestal bone loss
- Bone condensing threads-maximum primary implant stability
- Sharp thin apex, easy biocritical anchorage
- **Biofix** Biological surface for fast healing and long term osseointegration

Surface treatment options :



I-GOLD

Indication- the perfect choice for trans sinus implant placements , to fasten the sinus healing , avoid inflammation , and achieve perfect Anchorage

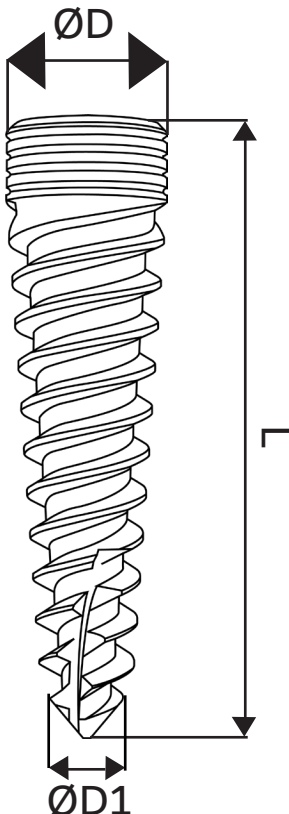
Ordering information- add IG to the code mentioned at the table below



I-SURFACE

Indication -two piece cortical implant for any bi-cortical anchorage, perfectly suting nasal floor & lower mandible basal cortical engagement.

Ordering information- add IS to the code mentioned at the table below .



ØD(mm)	ØD1	L (mm)	Ref. no
3.5	1.5	13	BIO-IH3513
		16	BIO-IH3516
		18	BIO-IH3518
		20	BIO-IH3520
		22	BIO-IH3522
		25	BIO-IH3525
3.75	1.5	13	BIO-IH3713
		16	BIO-IH3716
		18	BIO-IH3718
		20	BIO-IH3720
		22	BIO-IH3722
		25	BIO-IH3725
4.2	1.5	13	BIO-IH4213
		16	BIO-IH4216
		18	BIO-IH4218
		20	BIO-IH4220
		22	BIO-IH4222
		25	BIO-IH4225

Pterygoid Dental Implant

Simplify Complications

Straight Coronal Neck

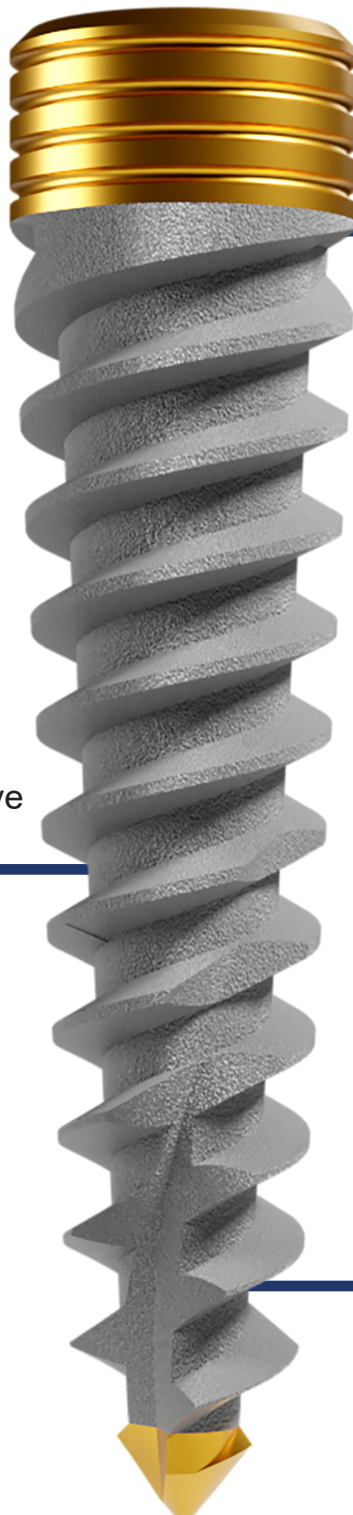
- gold anodized anti bacterial coating
- machined micro thread design
- crestal bone preservation
- high initial stability

Active And Tapered Body

- high cutting
- high bone condensing aggressive
- square threaded design

Active Apex

- sharp apex for bicortical anchorage
- gold anodized anti bacterial coating
- easy insertion
- high primary engagement



Surgical Recommendation's

The state of the art i implant - pterygoid implant is uniquely designed in order to suit The most challenging clinical indications and maximise the performance , offering a stable and predictable solution for pterygoids , trans- sinus / any bi cortical implant placement with a true advantage of bi cortical fixation for lifetime smiles

Being an active implant , the i implant drilling procedure-supported the drill less approach for maximum primary stability and natural bone preservation.

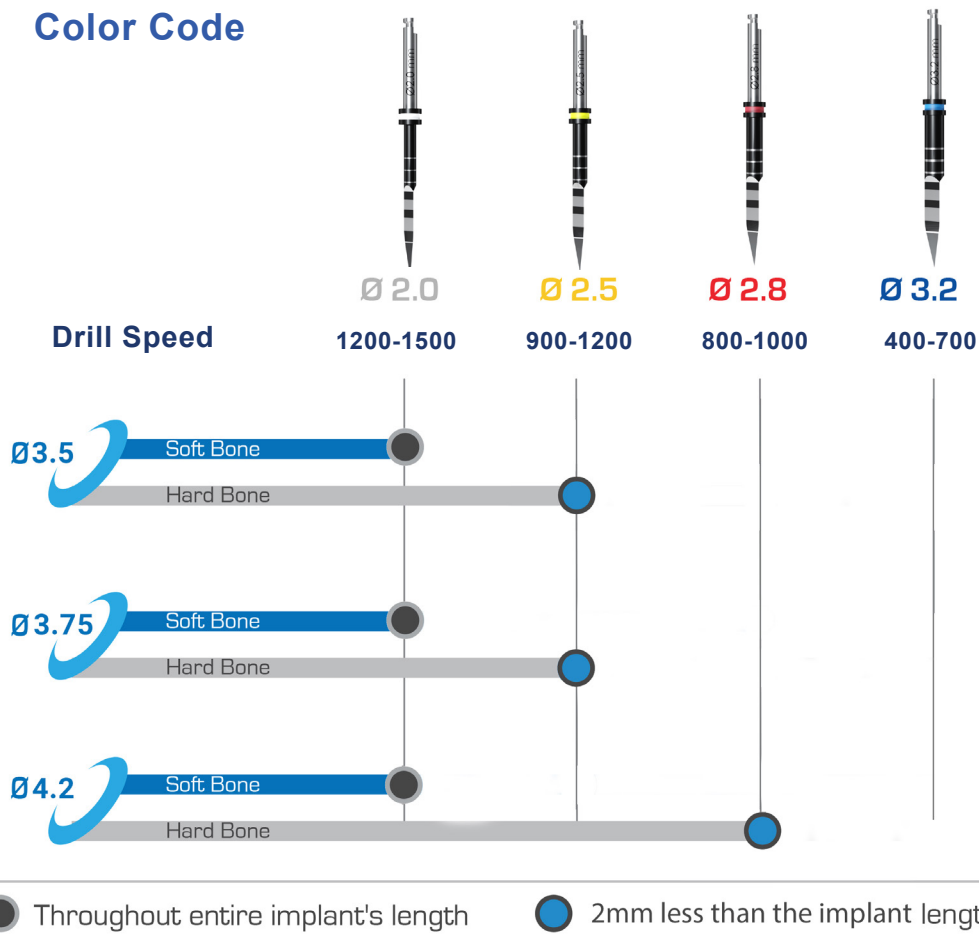
For all I implant sizes we do highly recommend to use our cortical sharp drills and drill up to 2.0 mm only as a single drill concept In case of extreme resistance , please use the second drill 2.5mm / 2.8mm according to the site and bone density

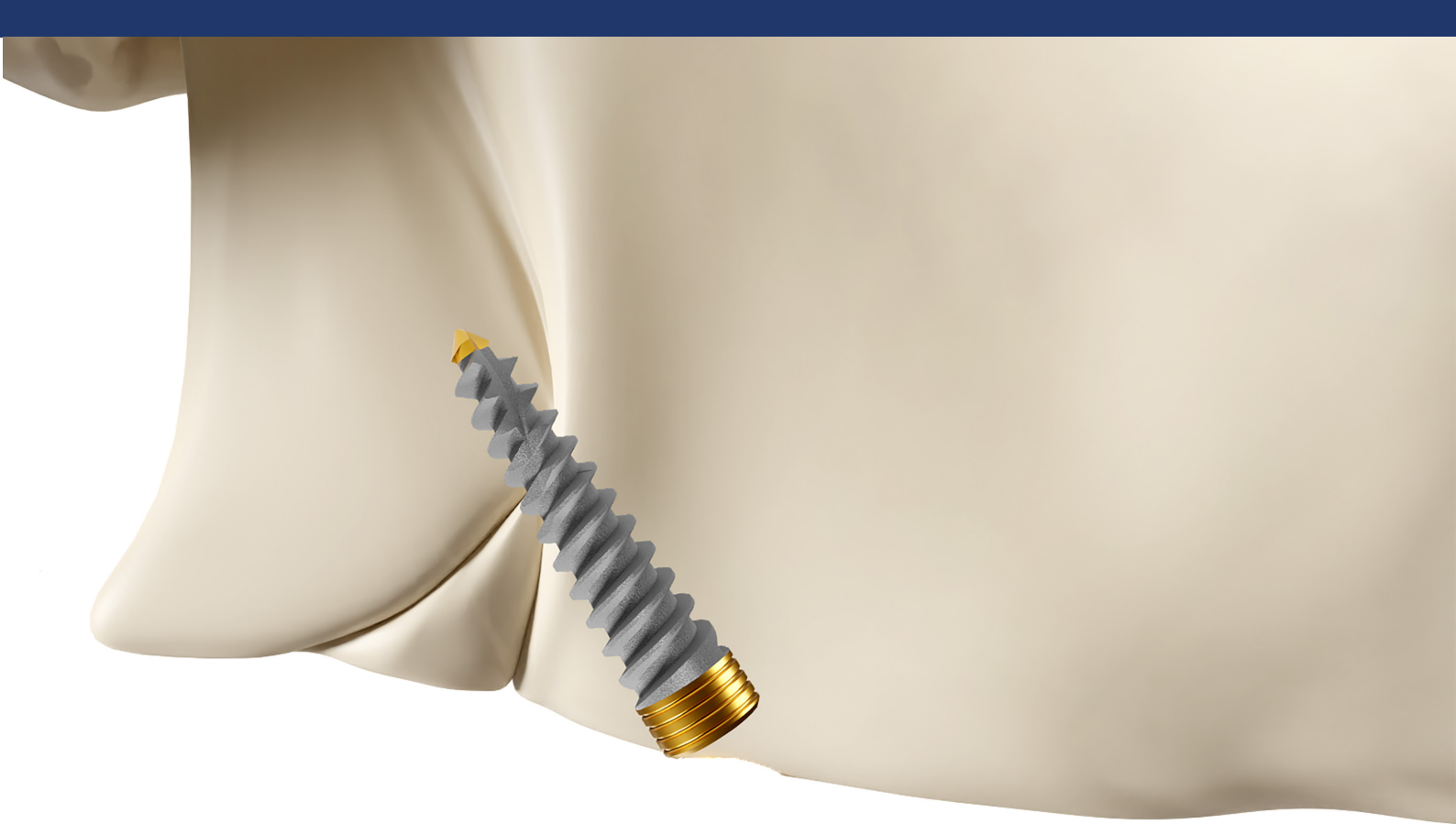
IMPORTANT NOTICE :

It is important to ensure all instrumentation, surgical hand pieces, and equipment has been sterilized to prevent the possible contamination of the system, and the patient.

- Recommended implant insertion torque 35-65 NCM
- Recommended drilling speed 400-1500 RPM
- Recommended prosthetics screw tightening torque 25-30 NCM
- Recommended healing cap tightening torque 15 NCM
- Recommend Multi unit prosthetic screw tightening torque 15-20 NCM
- Recommended Angulated Multi unit abutment Screw tightening torque 20-25 NCM
- All procedures recommended by BioLine Implants systems are not replacing the surgeon experience and judgment

Color Code



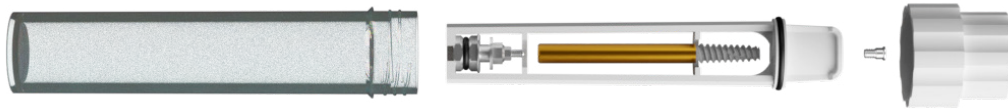


Ultimate Graft-Less Solution !

Universal Bi-Cortical Implant

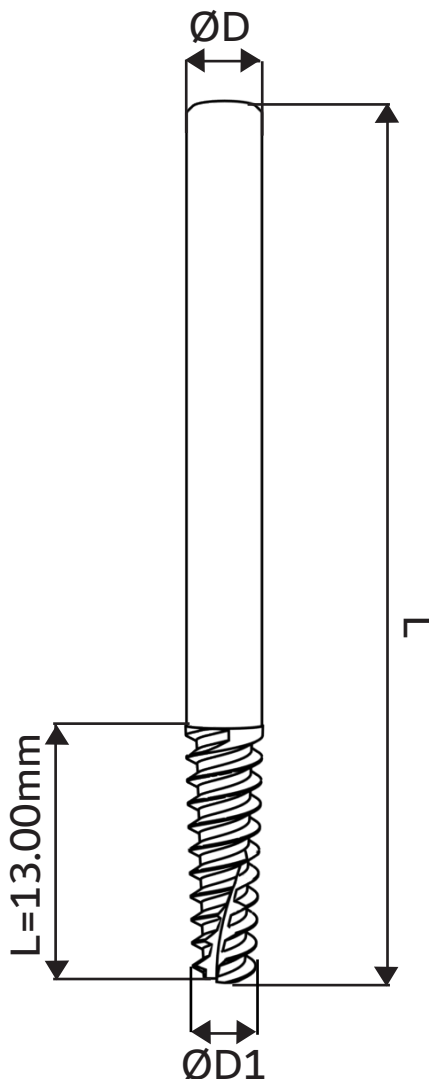
ZYG

Zygomatic implants are an evidence-based surgical and prosthetic solution for both two-stage and immediate loading protocols. Today, zygomatic implants are usually placed using an immediate loading protocol. The main indication for zygomatic implants is the severely resorbed edentulous maxilla, but they can also be used in partially edentulous situations. Indications for zygomatic implant insertion include: alternative for sinus augmentation, failed sinus augmentation, rehabilitation after tumor resection or trauma, failure of conventional implants, failure of previous bone grafts. The placement of zygomatic implants requires adequate training and surgical experience.



Zygomatic Implant advantage

- Graftless solution – avoid sinus augmentations-time & money saver
- Smooth anti-bacterial long neck – prevent inflammation, even in intra sinus cases
- Shorten the time of permanent teeth delivery
- High primary stability as they supported by the zygomatic bone
- High patient satisfaction



ØD(mm)	ØD1	L (mm)	Ref. no
3.75	3.0	30	BIO-ARCH3730
		35	BIO-ARCH3735
		40	BIO-ARCH3740
		45	BIO-ARCH3745
		50	BIO-ARCH3750
		55	BIO-ARCH3755
4.2	3.6	60	BIO-ARCH3760
		30	BIO-ARCH4230
		32.5	BIO-ARCH4232
		35	BIO-ARCH4235
		37.5	BIO-ARCH4237
		40	BIO-ARCH4240
		42.5	BIO-ARCH4242
		45	BIO-ARCH4245
		47.5	BIO-ARCH4247
		50	BIO-ARCH4250
		52.5	BIO-ARCH4252
55	BIO-ARCH4255		
57.5	BIO-ARCH4257		
60	BIO-ARCH4260		

Zygomatic Dental Implant

Graft-Less Solution



Straight Coronal Neck

- Anti-bacterial anodized coating
- Symmetrical neck – better load distribution

- Smooth long neck – prevent bacteria & inflammation

Active Apex

- Sharp & deep thread for easy insertion
- Narrow core - self tapping
- 13mm threaded body – perfect fits to the zygoma bone

Surgical Recommendation's

The recommendations presented in this drilling Protocol, based on long experience of specialists in the world. However it is important to examine each case on its merits based on the physician's ability to perform the procedure, and the state of the patient's jaw implant transpires with the beginning and there may be changes according to the situation.

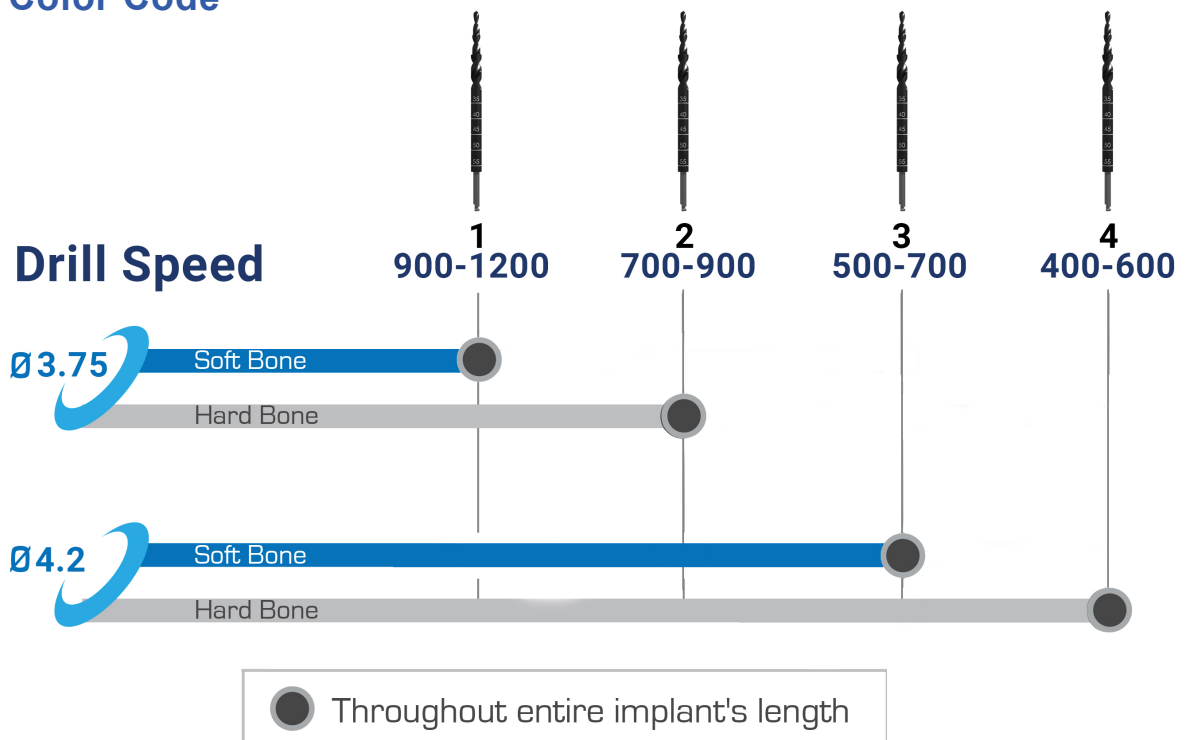
In principle, we recommend using a drill that its diameter smaller than the diameter of the implant, in the case of soft bone condition. Also, consider using a similar drill diameter implant intended for implantation in the case of hard bone in order to avoid trauma to the bone and ensure rapid bone building around the implant.

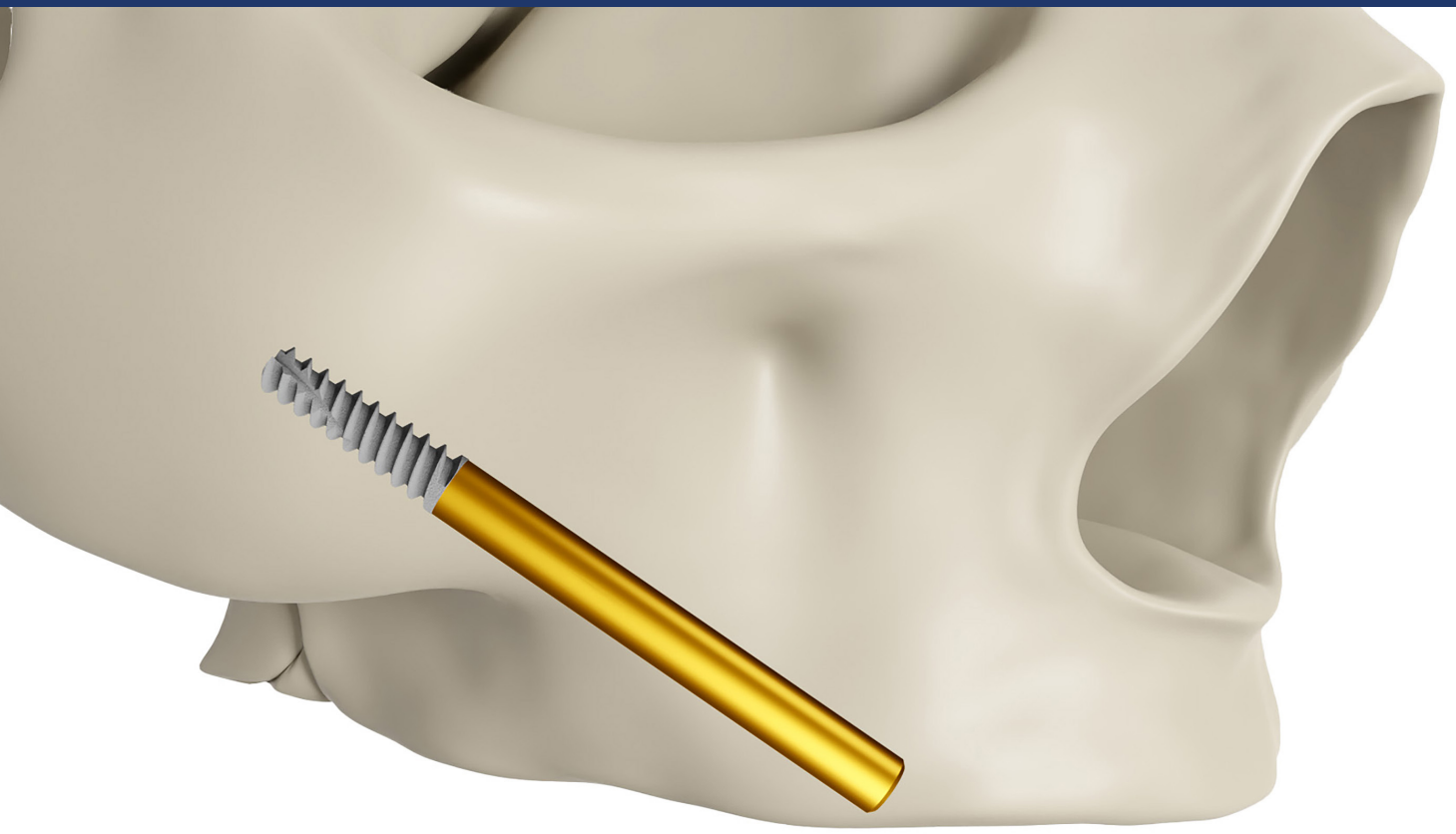
IMPORTANT NOTICE :

It is important to ensure all instrumentation, surgical hand pieces, and equipment has been sterilized to prevent the possible contamination of the system, and the patient.

- Recommended implant insertion torque 35-65 NCM
- Recommended drilling speed 400-1500 RPM
- Recommended prosthetics screw tightening torque 25-30 NCM
- Recommended healing cap tightening torque 15 NCM
- Recommend Multi unit prosthetic screw tightening torque 15-20 NCM
- Recommended Angulated Multi unit abutment Screw tightening torque 20-25 NCM
- All procedures recommended by BioLine Implants systems are not replacing the surgeon experience and judgment

Color Code





Simplifying Atrophic Maxillary Reconstruction !

Made Easy , For Experts

BioLine Compressive implant, is a single piece implant in structure, contain the implant with a build in abutment, and narrow neck which can be bended.

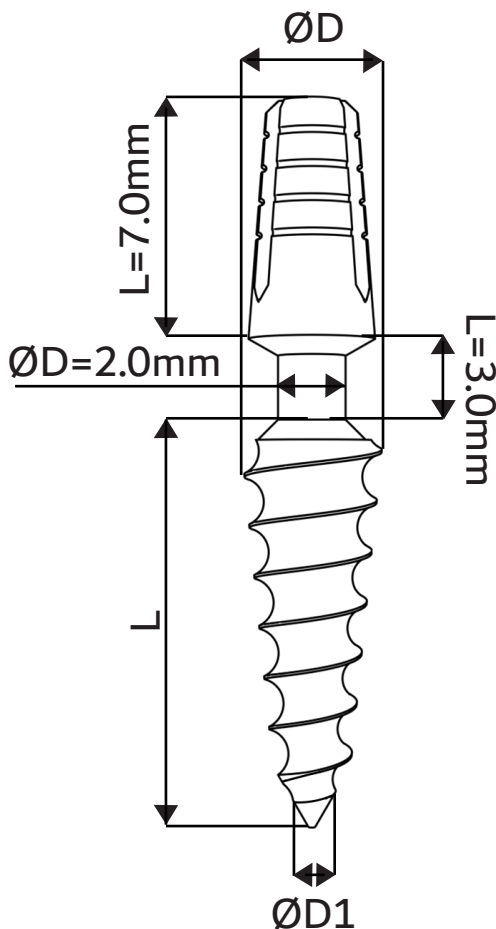
The design of BioLine compressive implant, as its name is compressive, meant to compress and condense the natural native bone due under drilling Protocol, and to preserve the bone.

The compressive implant series available in wide range of different diameters and lengths, starts at 3.0mm diameter which is very narrow and very suitable for narrow ridges and single teeth replacement in the esthetic smile zone, and reached till 6.0 mm diameter which can suit even for molar replacement.

Due the active design and the single piece structure, BioLine Compressive implant is highly recommended for “immediate placement & loading Techniques”

Compressive Implant Advantage's

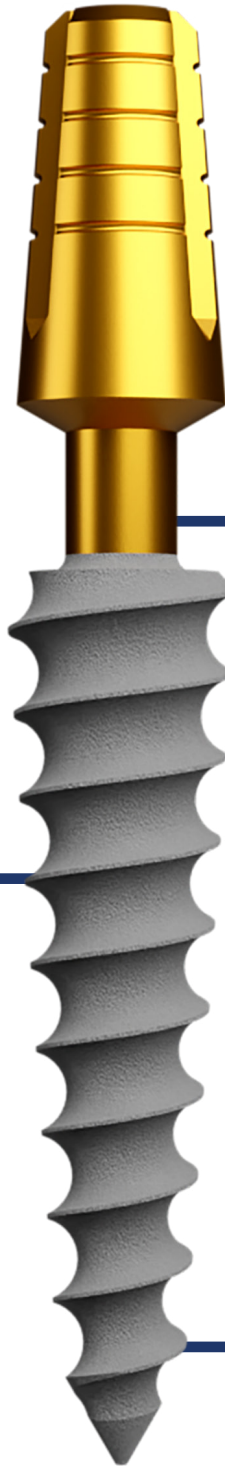
- Build in platform switching for soft tissue growth
- User friendly especially for narrow ridges and tight spaces
- Can be used for immediate loading
- Smooth anti-bacterial collar prevents peri implantitis
- Self-tapping for easy incertion
- **Biofix** Biological surface for fast healing and long term osseointegration



$\text{ØD}(\text{mm})$	ØD1	L (mm)	Ref. no
3.0	1.5	8	BIO-CC3008
		10	BIO-CC3010
		11.5	BIO-CC3011
		13	BIO-CC3013
		16	BIO-CC3016
		18	BIO-CC3018
		20	BIO-CC3020
3.3	1.8	8	BIO-CC3308
		10	BIO-CC3310
		11.5	BIO-CC3311
		13	BIO-CC3313
		16	BIO-CC3316
		18	BIO-CC3318
		20	BIO-CC3320
3.75	2.0	8	BIO-CC3708
		10	BIO-CC3310
		11.5	BIO-CC3311
		13	BIO-CC3313
		16	BIO-CC3316
		18	BIO-CC3318
		20	BIO-CC3320
4.2	2.5	8	BIO-CC4208
		10	BIO-CC4210
		11.5	BIO-CC4211
		13	BIO-CC4213
		16	BIO-CC4216
		18	BIO-CC4218
		20	BIO-CC4220
5.0	3.0	8	BIO-CC5008
		10	BIO-CC5010
		11.5	BIO-CC5011
		13	BIO-CC5013
		16	BIO-CC5016
		18	BIO-CC5018
		20	BIO-CC5020

Compressive Cementable Implant

Limitless Flexibility



Abutment level

- Anti-bacterial anodized coating
- Single piece - build in abutment
- Symmetrical neck - better load distribution

Tapered Body

- High condensing threads
- Sharp threads - self Osteotomy creation
- High primary stability

Active Apex

- Sharp thread for easy insertion
- Narrow core - self tapping
Prevent damage to the anatomical structures

Surgical Recommendation's

Being an active and tapered implant , the compressive implant drilling procedure-supported the drill less approach for maximum primary stability and natural bone preservation.

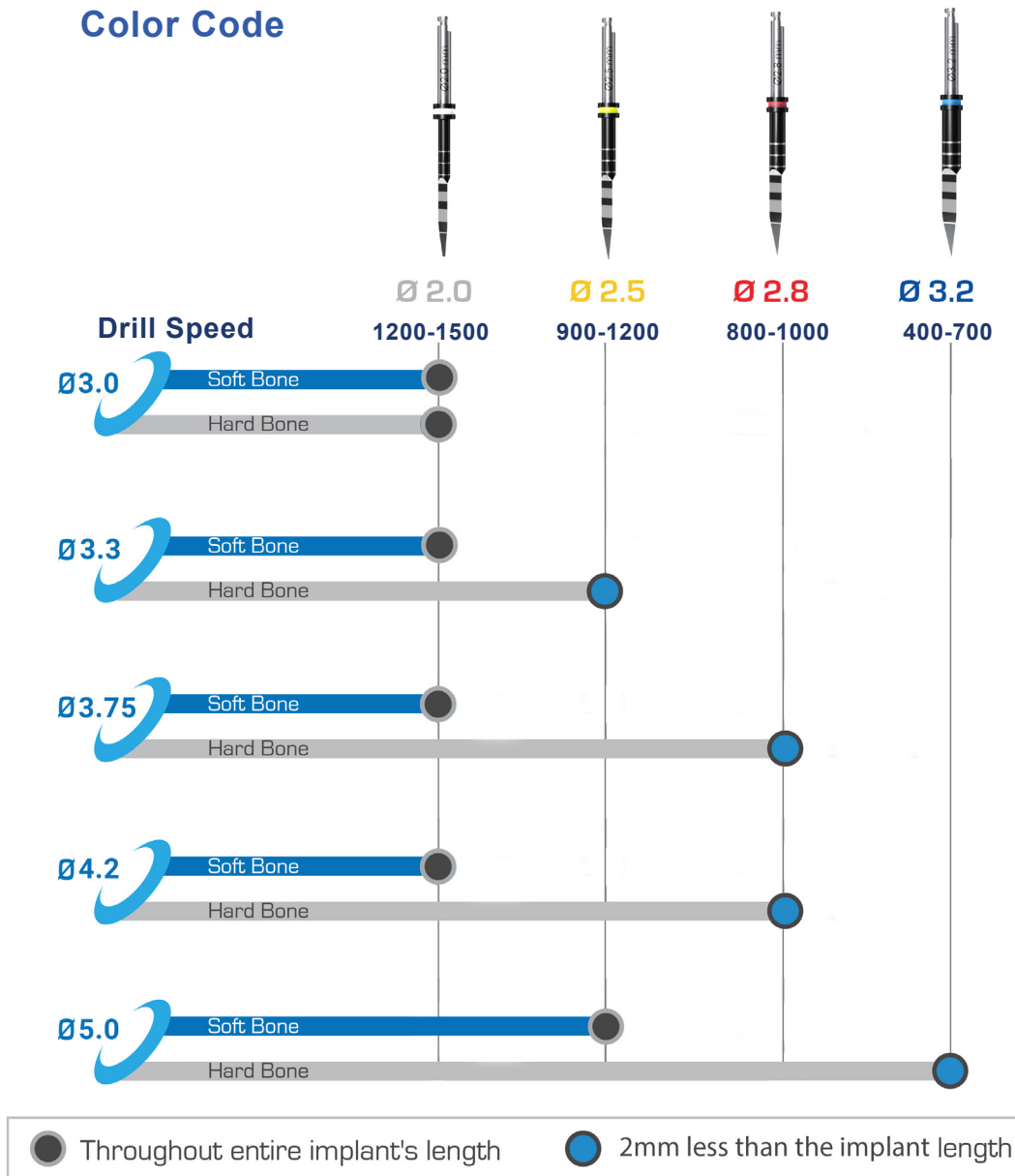
For all Compressive implant sizes we do highly recommend to use our cortical sharp drills and drill up to 2.0 mm only as a single drill concept In case of extreme resistance , please use the second drill 2.5mm / 2.8mm according to the site and bone density

IMPORTANT NOTICE :

It is important to ensure all instrumentation, surgical hand pieces, and equipment has been sterilized to prevent the possible contamination of the system, and the patient.

- Recommended implant insertion torque 35-65 NCM
- Recommended drilling speed 400-1500 RPM
- Do not exceed 20° while bending the implant neck
- All procedures recommended by BioLine Implants systems are not replacing the surgeon experience and judgment

Color Code



Prosthetic Options For CC/BC Implants



Lab Analog

Cat No.

BIO-SPA



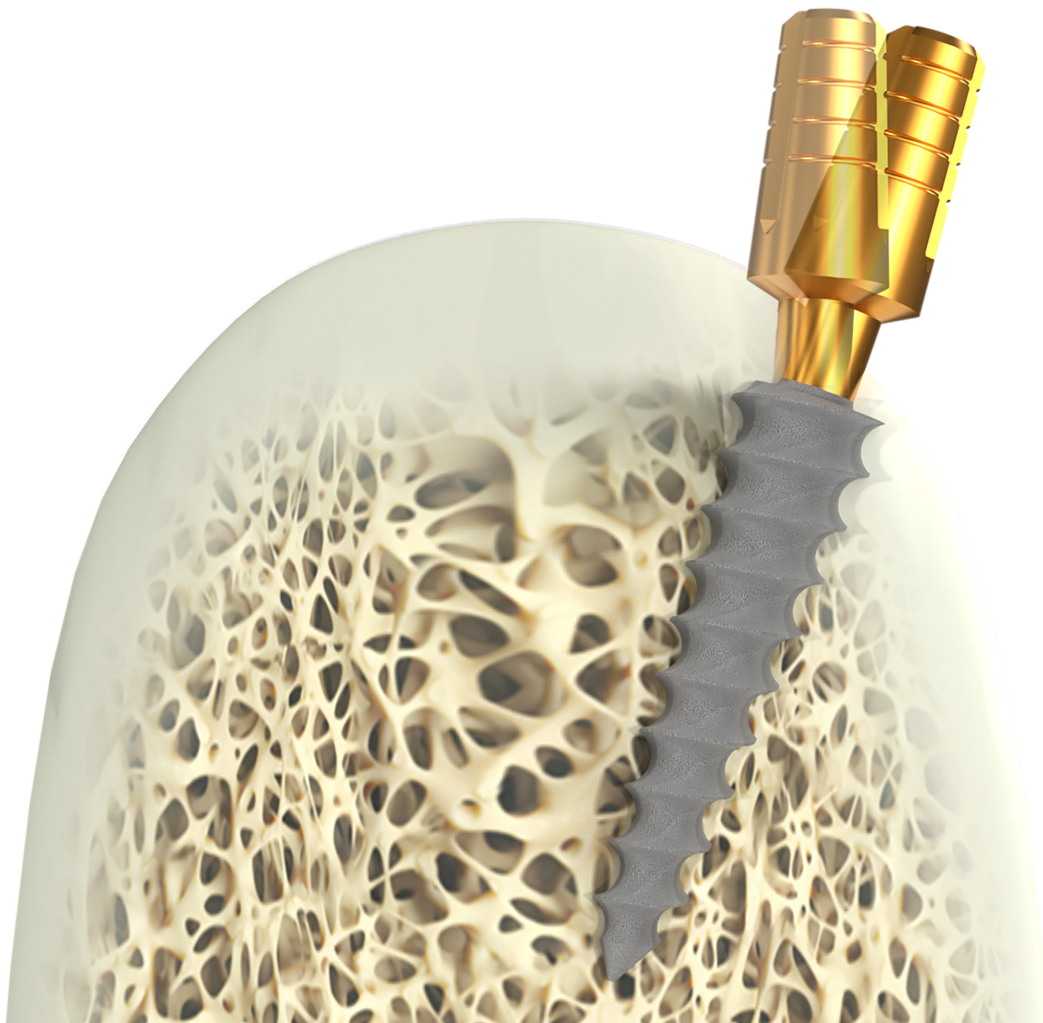
Transfer & Castable Cap

Cat No.

BIO-SPH

Less Is More !

Compress & Preserve The Native
Available Bone



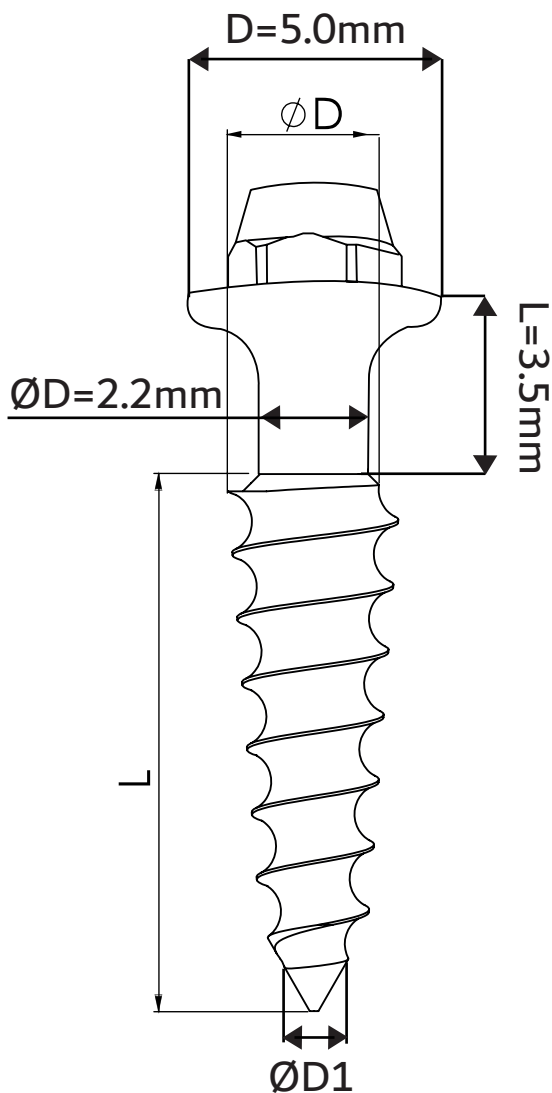
CMU

BioLine Compressive Multi unit implant, is a single piece implant in structure, contain the implant with a build in multi unit abutment for screw retained implant prosthetics and full mouth rehabilitation .

The design of BioLine compressive implant, as its name is compressive, ment to compress and condense the natural native bone due under drilling Protocol, and to preserve the bone.

The compressive implant series available in wide range of different diameters and lengths, starts at 3.0mm dia which is very narrow and very suitable for narrow ridges and single teeth replacement in the esthetic smile zone, and reached till 5.0 mm diameter which can suit even for molar replacement.

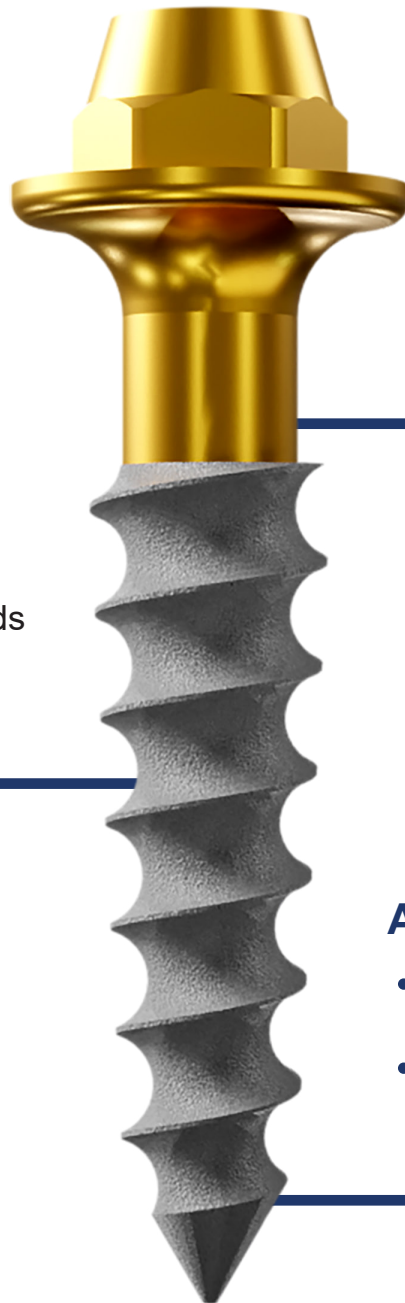
Due the active design and the single piece structure, BioLine Compressive Multi Unit implant is highly recommended for "immediate placement & loading Techniques"



ØD(mm)	ØD1	L (mm)	Ref. no
3.3	1.8	8	BIO-CMU3308
		10	BIO-CMU3310
		11.5	BIO-CMU3311
		13	BIO-CMU3313
		16	BIO-CMU3316
		18	BIO-CMU3318
3.75	2.0	20	BIO-CMU3320
		8	BIO-CMU3708
		10	BIO-CMU3710
		11.5	BIO-CMU3711
		13	BIO-CMU3713
		16	BIO-CMU3716
		18	BIO-CMU3718
		20	BIO-CMU3720
4.2	2.5	22	BIO-CMU3722
		25	BIO-CMU3725
		8	BIO-CMU4208
		10	BIO-CMU4210
		11.5	BIO-CMU4211
		13	BIO-CMU4213
		16	BIO-CMU4216
		18	BIO-CMU4218
5.0	3.0	20	BIO-CMU4220
		22	BIO-CMU4222
		25	BIO-CMU4225
		8	BIO-CMU5008
		10	BIO-CMU5010
		11.5	BIO-CMU5011
5.0	3.0	13	BIO-CMU5013
		16	BIO-CMU5016
		18	BIO-CMU5018
		20	BIO-CMU5020

Compressive Multi Unit Implant

Build -In Aesthetics



Multi Unit Level

- Build in multi unit abutment for screw retained retrievable prosthetics

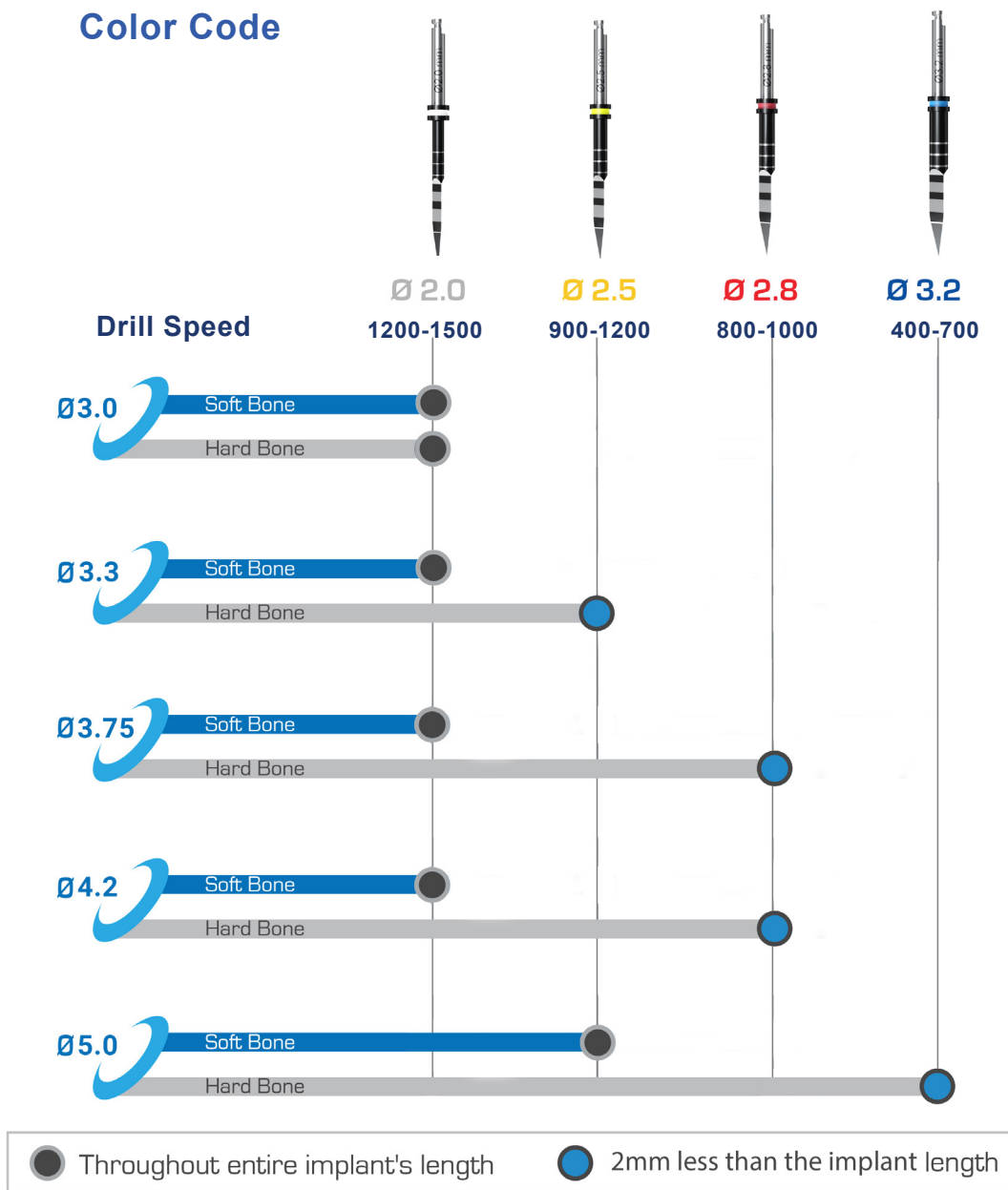
Tapered Body

- High condensing threads
- Sharp threads - self osteotomy creation
- High Primary Stability

Active Apex

- Sharp thread for easy insertion
- Narrow core - self tapping
Prevent damage to the Anatomical Structures

Surgical Recommendation's



Prosthetic Options For Multi Unit Implant :



Castable Sleeve

Cat No. | CMU-MPLD |



Titanium Sleeve

Cat No. | CMU-MUTSDL |



Healing Cap

Cat No. | CMU-MUHC1 |



T-Base

Cat No. | CMU-DTS-S |



Scan Body

Cat No. | CMU-SBMU |



Open Tray Transfer

Cat No. | CMU-MUTRIO |



Lab Analog

Cat No. | CMU-DAMU |

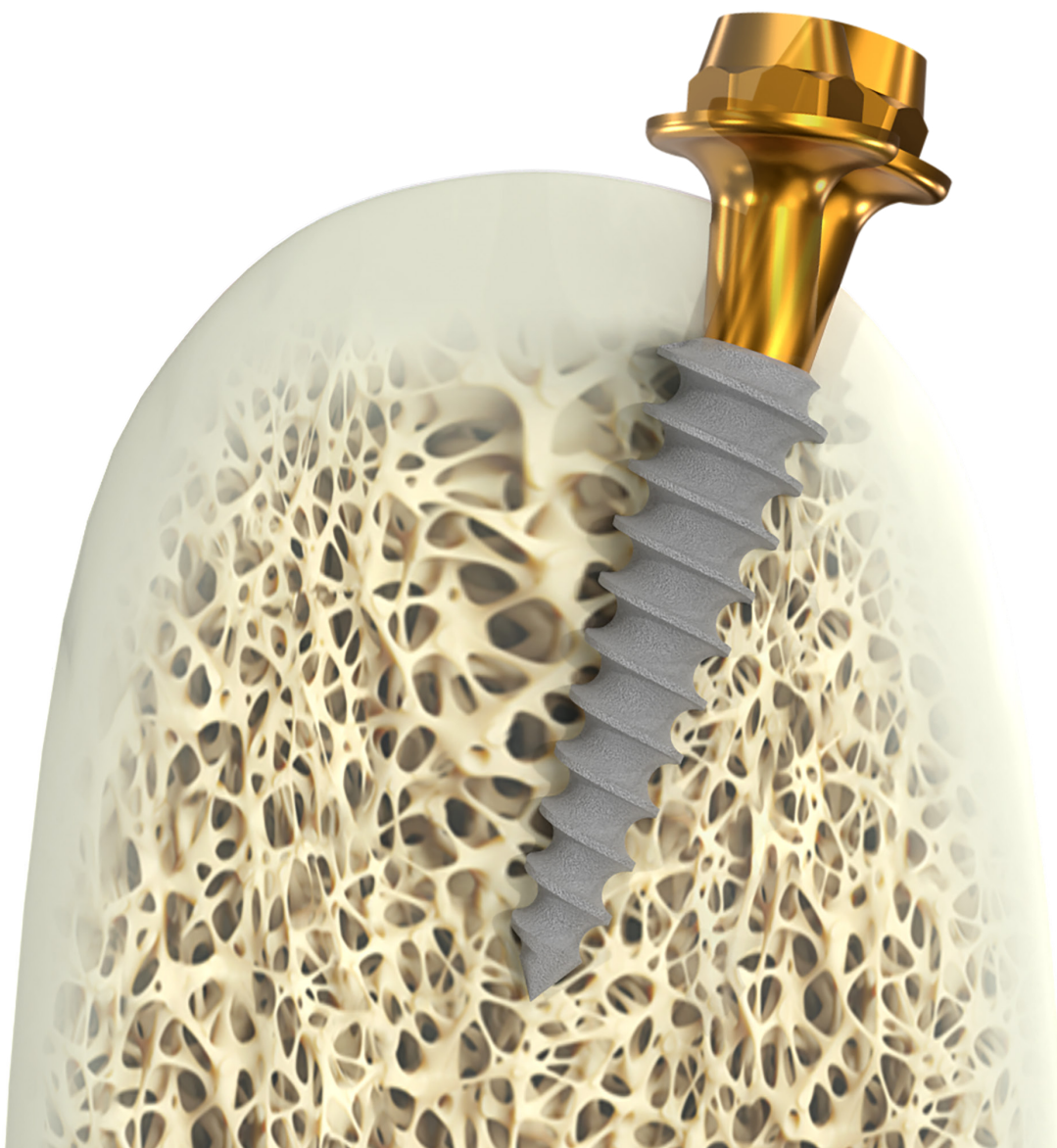


Prosthetic Screw

Cat No. | CMU-MSD |

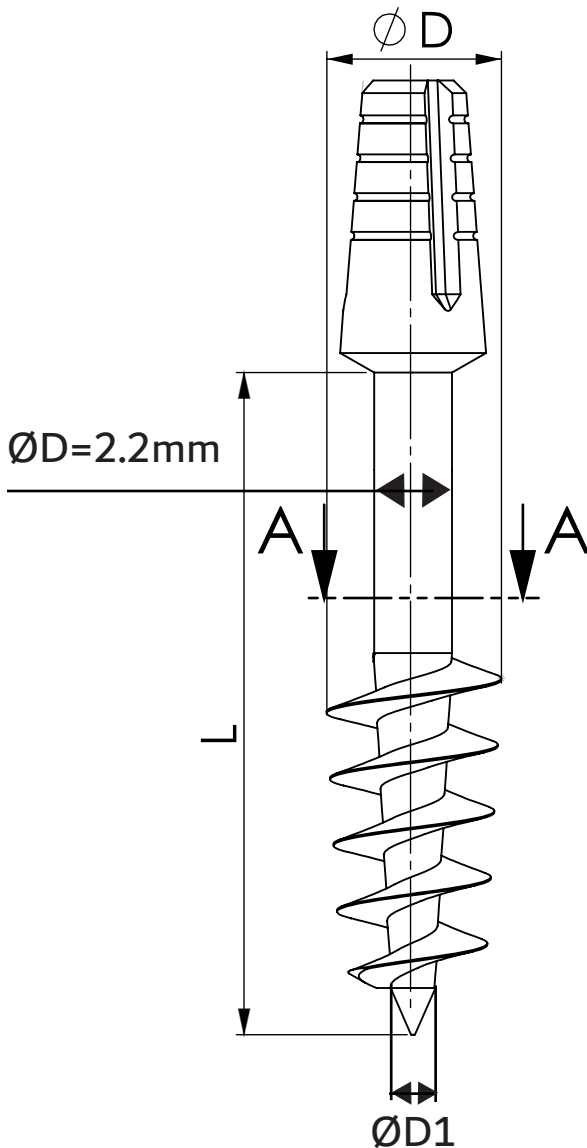
Build -In Multi Unit Platform

Simplifies Screw Retained Retrievable
Prosthesis



BC

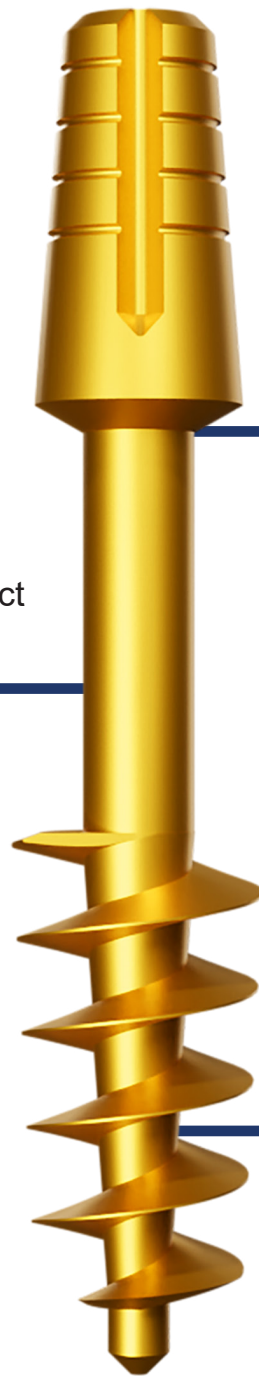
BioLine Basal implant, is a single piece implant in structure, contain the implant with a build in abutment, and narrow neck which can be bended The BioLine Basal implant, as its name is Basal, meant to get bicortical anchorage to the basal bone with great stability, and to follow immediate loading protocol even in extreme atrophic ridges The Basal implant series available in wide range of different diameters and Lengths, starts at 3.6 mm dia which is narrow and very suitable for narrow ridges and single teeth replacement in the esthetic smile zone, and reached till 5.5 mm diameter which can suit even for molar replacement Due the active design and the single piece structure, BioLine Basal implant is highly recommended for "immediate placement & loading Techniques



$\varnothing D$ (mm)	$\varnothing D1$	L (mm)	Ref. no
3.6	1.5	10	BIO-BC3610
		12	BIO-BC3612
		14	BIO-BC3614
		17	BIO-BC3617
		20	BIO-BC3620
		23	BIO-BC3623
		26	BIO-BC3626
4.6	1.5	29	BIO-BC3629
		10	BIO-BC4610
		12	BIO-BC4612
		14	BIO-BC4614
		17	BIO-BC4617
		20	BIO-BC4620
		23	BIO-BC4623
5.5	1.5	26	BIO-BC4626
		29	BIO-BC4629
		10	BIO-BC5510
		12	BIO-BC5512
		14	BIO-BC5514
		17	BIO-BC5517

Basal Cementable Implant

Supreme Anchorage



Abutment level

- Anti-bacterial anodized coating
- Single piece - build in abutment

Neck

- Bendable neck for easy angulation Correction - perfect parallelism

Aggressive Body

- Sharp thread for easy insertion
- Narrow core - self tapping
Prevent damage to the Anatomical Structures

Surgical Recommendation's

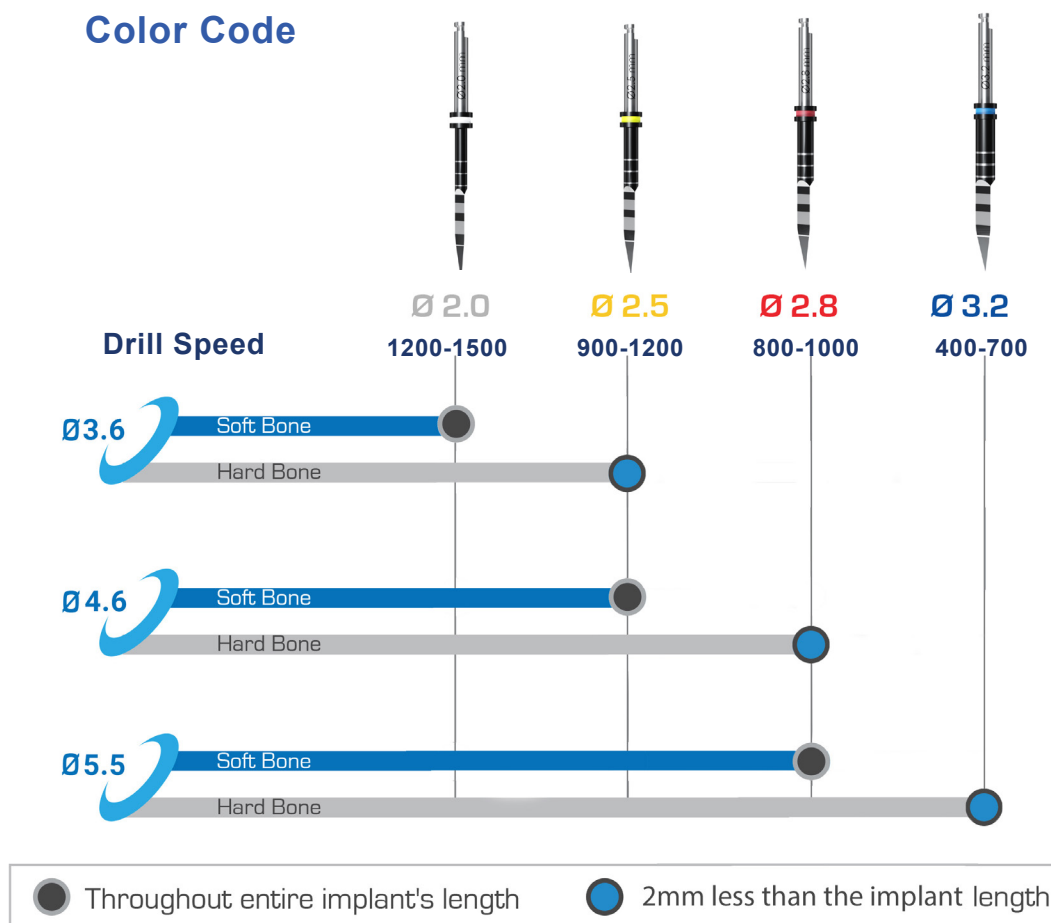
Being an active and tapered implant , the basal implant drilling procedure-supported the drill less approach for maximum primary stability and natural bone preservation.

For all basal implant sizes we do highly recommend to use our cortical sharp drills and drill up to 2.0 mm only as a single drill concept In case of extreme resistance , please use the second drill 2.5mm / 2.8mm according to the site and bone density

IMPORTANT NOTICE :

It is important to ensure all instrumentation, surgical hand pieces, and equipment has been sterilized to prevent the possible contamination of the system, and the patient.

- Recommended implant insertion torque 35-65 NCM
- Recommended drilling speed 400-1500 RPM
- Do not exceed 20° while bending the implant neck
- All procedures recommended by BioLine Implants systems are not replacing the surgeon experience and judgment



Prosthetic Options For CC/BC Implants



Lab Analog

Cat No.

BIO-SPA



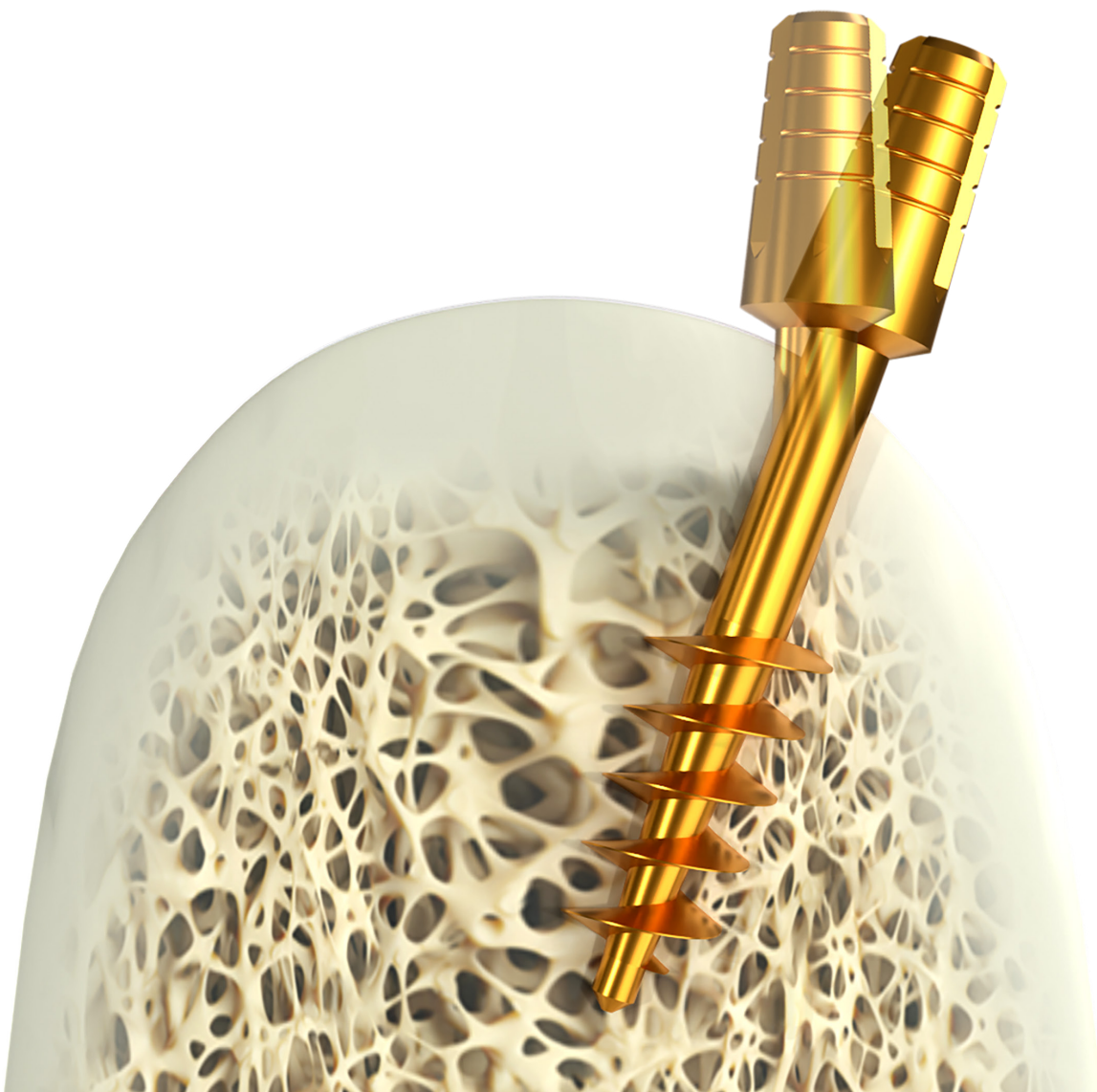
Transfer & Castable Cap

Cat No.

BIO-SPH

Superior Stability

Designed For Bi - Cortical Fixation in
Atrophic Ridges

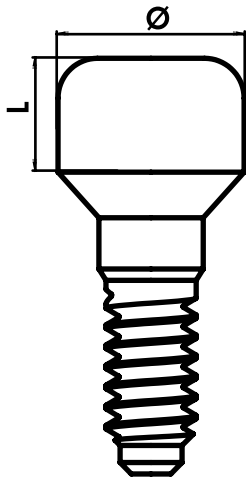


Screw Retained



For World - Class Aesthetic Outcomes !































Healing Caps



Helps to shape the gums and protect the implant from plaque and bacteria's, Our healing cap series contains a great range of different diameters & heights in order to match and perfectly fit the exact clinical requirement

Material Used : Titanium grade 5 Ti-6Al-4V ELI

ORDERING INFORMATION




L (mm)	Diameter Ø3.3 *Slim	Diameter Ø3.8	Diameter Ø4.6	Diameter Ø5.5	Diameter Ø6.3
2	 BIO-H3302	 BIO-H3802	 BIO-H4602	 BIO-H5502	 BIO-H6302
3	 BIO-H3303	 BIO-H3803	 BIO-H4603	 BIO-H5503	 BIO-H6303
4	 BIO-H3304	 BIO-H3804	 BIO-H4604	 BIO-H5504	 BIO-H6304
5	 BIO-H3305	 BIO-H3805	 BIO-H4605	 BIO-H5505	 BIO-H6305
6	 BIO-H3306	 BIO-H3806	 BIO-H4606	 BIO-H5506	 BIO-H6306
7	 BIO-H3307	 BIO-H3807	 BIO-H4607	 BIO-H5507	 BIO-H6307

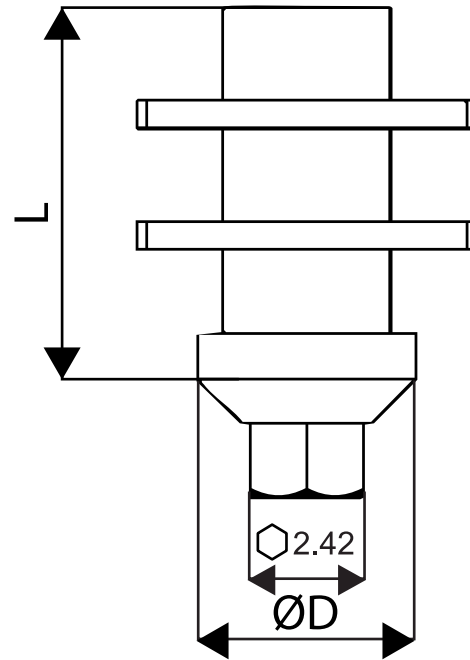
Impression Components




Wide range of impression components such as open , close , ball and click snap on transfer coping's to be selected according to the clinical indication and Dr preference in order to ensure smooth & accurate impression taking and data transfer to the laboratory

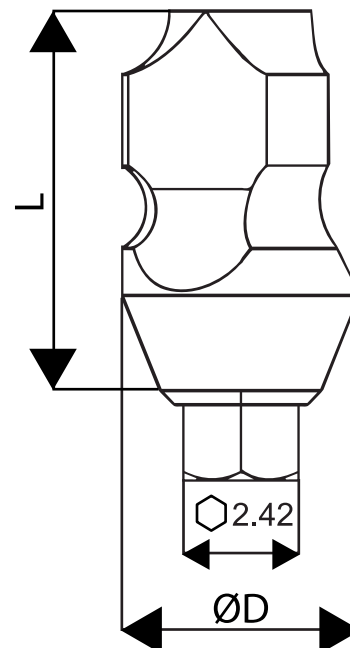
Material Used : Stainless steel

ORDERING INFORMATION

Open Tray		
Transfer	ØD	L
	4.7	8.0
BIO-OPT-4708		
	4.7	14.0
BIO-OPT-4714		
	4.7	12.0
BIO-T4012-S *Slim-For 2.9mm Implant		









Close Tray		
Transfer	ØD	L
	5.0	8.0
BIO-CPT-5008		
	5.0	12.0
BIO-CPT-5012		
	3.85	12.0
BIO-T3507-S *Slim-For 2.9mm Implant		

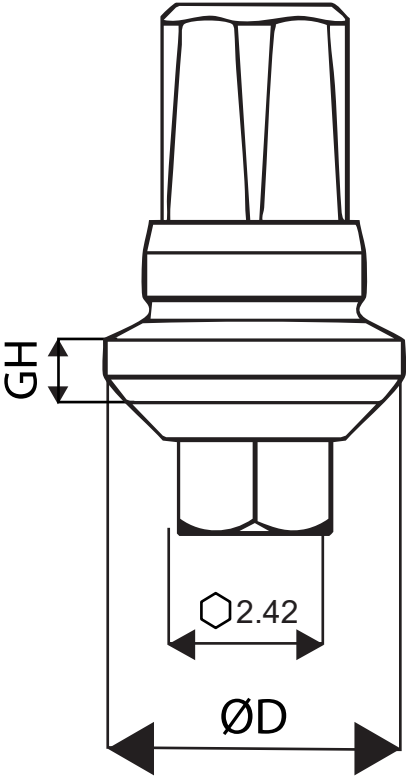
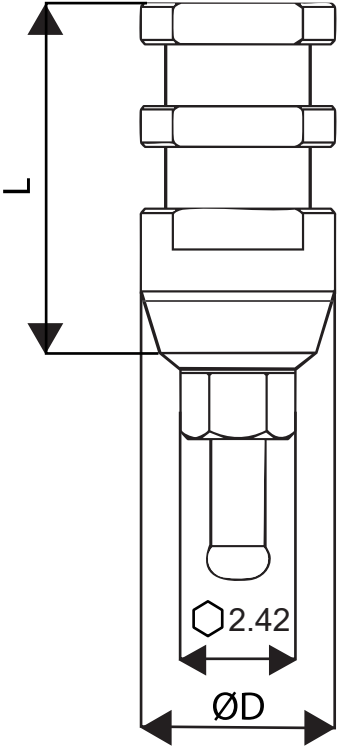


Impression Components

ORDERING INFORMATION

Clip On Transfer		
Transfer	ØD	L
 BIO-T3409	4.7	9.0
 BIO-T3413	4.7	13.0

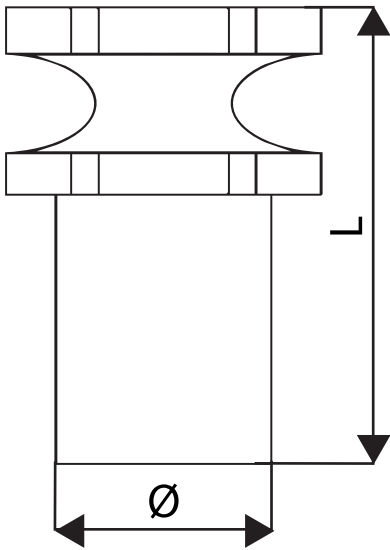
Ball Transfer		
Transfer	ØD	GH
 BIO-T3801	4.7	1.0
 BIO-T3802	4.7	2.0
 BIO-T3803	4.7	3.0
 BIO-T3804	4.7	4.0






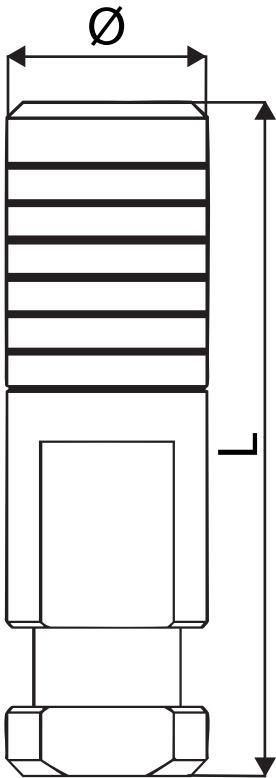
Impression Components

ORDERING INFORMATION

Plastic Cap for Ball Transfer		
Transfer	ØD	L
	4.8	10.0
BIO-T4402		



Implant Analogs		
Transfer	ØD	L
	4.0	12.7
BIO-T6404		
	5.0	12.7
BIO-T6405		
	4.0	12.7
BIO-T6404-S *Slim-For 2.9mm Implant		






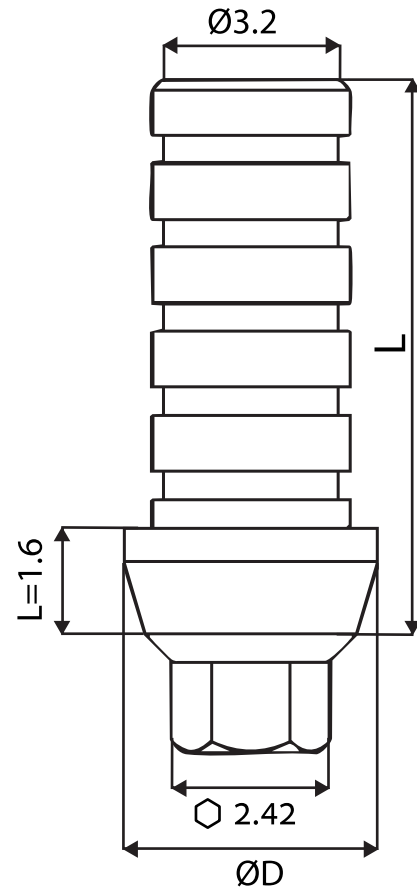
Temporary Abutments

Great deep & sharp grooves for enhanced retention
Available in hex & non hex version for single & multiple units restoration

Material Used : Titanium grade 5 Ti-6Al-4V ELI

ORDERING INFORMATION

Temporary Abutments		
Abutment	ØD	L
 BIO-A5001 *HEX	4.5	10.0
 BIO-A5002 *NON-HEX	4.5	10.0
 BIO-S8324	*Included With All Type Of Abutments & Available separately	









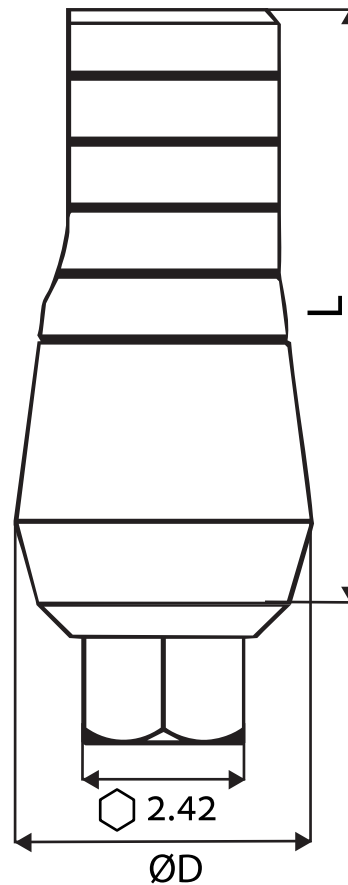
Straight Abutments

Well innovative abutment designs available in wide range of diameters , lengths , shapes & gingival heights to match each and every clinical indication and ensure high end well aesthetic clinical outcomes

Material Used : Titanium grade 5 Ti-6Al-4V ELI






ORDERING INFORMATION

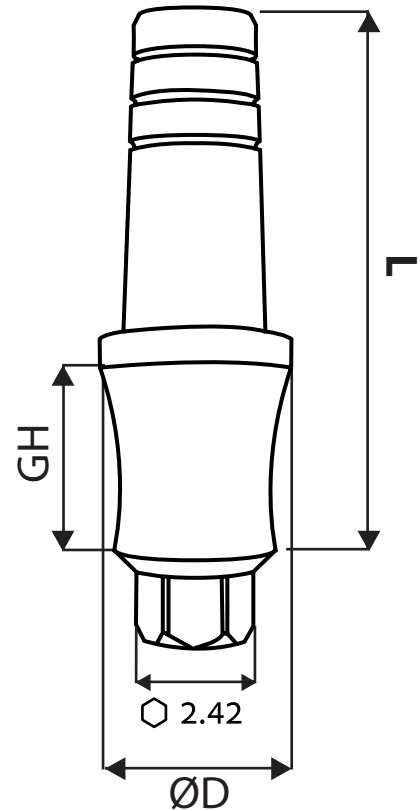
Straight Standard Abutment		
Abutment	ØD	L
	4.5	8.0
BIO-A5908		
	4.5	9.0
BIO-A5909		
	4.5	11.0
BIO-A5911		
	3.8	9.0
BIO-A5909-S *Slim-For 2.9mm Implant		
	3.8	11.0
BIO-A5911-S *Slim-For 2.9mm Implant		
	*Included With All Type Of Abutments & Available separately	
BIO-S8324		



Straight Abutments










ORDERING INFORMATION

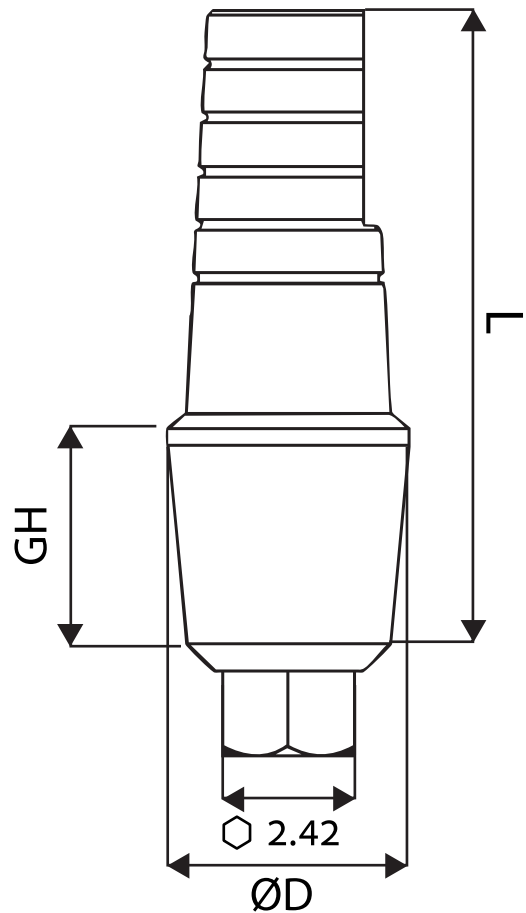
Straight Concave Abutment			
Abutment	ØD	L	GH
 BIO-A4601	4.6	10.5	1.0
 BIO-A4602	4.6	11.5	2.0
 BIO-A4603	4.6	12.5	3.0
 BIO-A4604	4.6	13.5	4.0
 BIO-S8324	*Included With All Type Of Abutments & Available separately		



Straight Abutments

ORDERING INFORMATION

Straight Shoulder Abutment			
Abutment	ØD	L	GH
 BIO-A4801	4.6	10.5	1.0
 BIO-A4802	4.6	11.5	2.0
 BIO-A4803	4.6	12.5	3.0
 BIO-A4804	4.6	13.5	4.0
 BIO-A3801-S *Slim-For 2.9mm Implant	3.8	10.5	1.0
 BIO-A3802-S *Slim-For 2.9mm Implant	3.8	11.5	2.0
 BIO-A3803-S *Slim-For 2.9mm Implant	3.8	12.5	3.0
 BIO-A3804-S *Slim-For 2.9mm Implant	3.8	13.5	4.0
 BIO-S8324	*Included With All Type Of Abutments & Available separately		









Castable Abutments

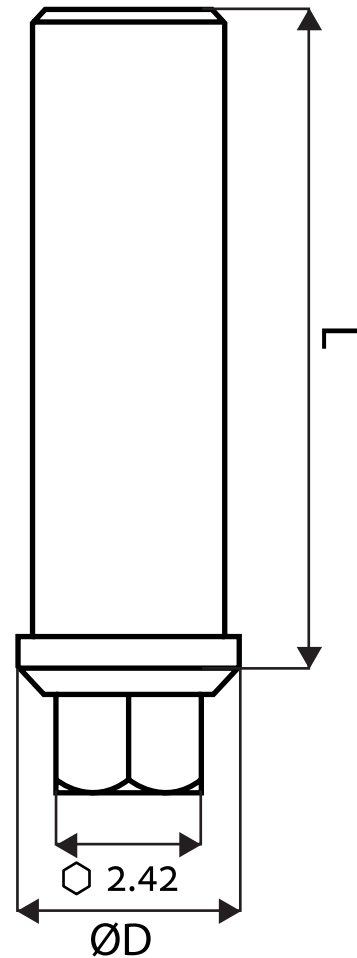
Hex & non hex Castable abutments including titanium base UCLA version for fabrication of cement / screw retained abutments suitable for single & multiple restoration units

Material Used : Plastic - Delrin

Titanium Base : Titanium grade 5 Ti-6Al-4V ELI

ORDERING INFORMATION

Straight Castable Abutment		
Abutment	ØD	L
 BIO-C1001 *Non Hex	3.8	10.5
 BIO-C1002 *Hex	3.8	10.5
 BIO-C2001 *Hex Titanium Base	4.5	10.5
 BIO-C1001-S *Non Hex *Slim-For 2.9mm Implant	3.8	10.5
 BIO-C1002-S *Hex *Slim-For 2.9mm Implant	3.8	10.5
 BIO-S8324	*Included With All Type Of Abutments & Available separately	














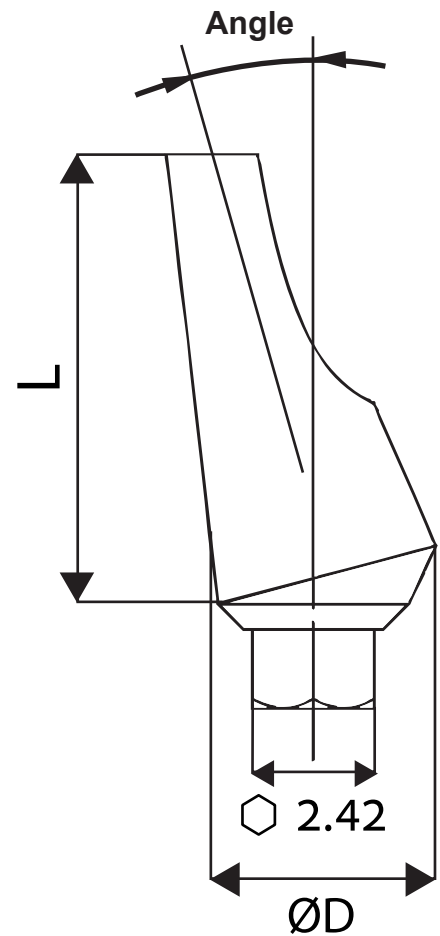
Angulated Abutments



Wide range of Angulated abutments of different diameters , lengths & emergence profile designs Available from 15 - 45 suiting the simple & well challenging clinical indications

Material Used : Titanium grade 5 Ti-6Al-4V ELI

ORDERING INFORMATION










Standard Angulated Abutment			
15°	25°	ØD	L
		4.5	7.0
BIO-A3207	BIO-A3407		
		4.5	9.0
BIO-A3209	BIO-A3409		
		4.5	11.5
BIO-A3211	BIO-A3411		
		3.8	9.0
BIO-A3209-S	BIO-A3409-S		
*Slim-For 2.9mm Implant			
		3.8	11.5
BIO-A3211-S	BIO-A3411-S		
*Slim-For 2.9mm Implant			
	*Included With All Type Of Abutments & Available separately		
BIO-S8324			

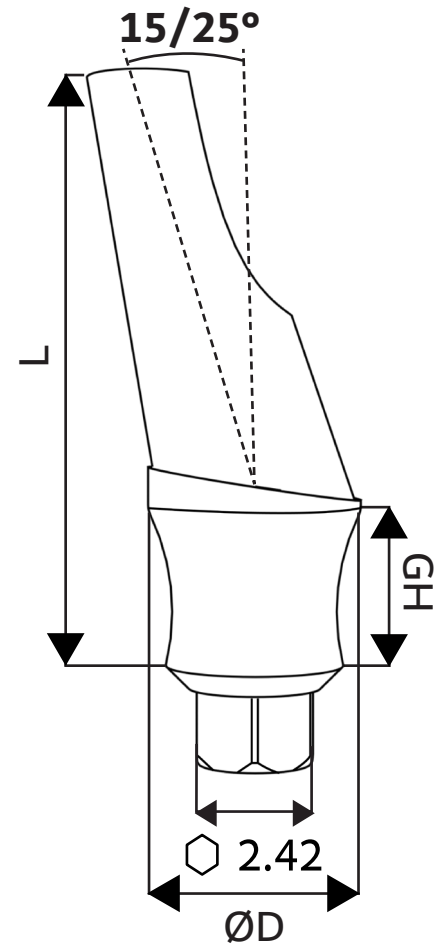


Standard Angulated Abutment			
35°	45°	ØD	L
		4.5	9.0
BIO-A3509	BIO-A4509		

Angulated Abutments

ORDERING INFORMATION

Concave Angulated Abutment				
15°	25°	ØD	L	GH
		5.0	10.5	1.0
BIO-A2401	BIO-A2601			
		5.0	11.5	2.0
BIO-A2402	BIO-A2602			
		5.0	12.5	3.0
BIO-A2403	BIO-A2603			
		5.0	13.5	4.0
BIO-A2404	BIO-A2604			
	*Included With All Type Of Abutments & Available separately			
BIO-S8324				










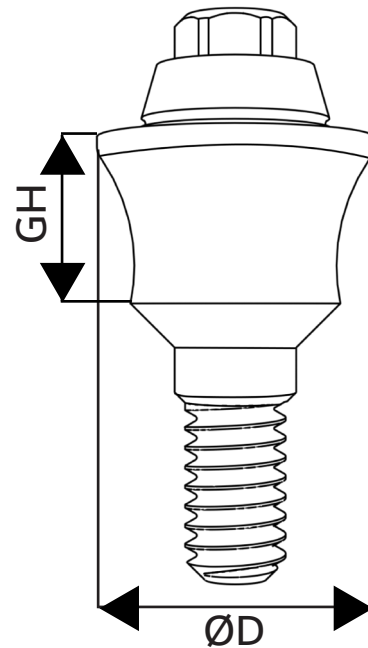
Concave Multi Units

Wide range of straight & angulated screw retained multi unit abutments for multiple units to full mouth rehabilitation procedures followed by a well aesthetic anatomical shape suitable for deep sub crestal placements ensuring smooth fit without trimming the bone & damaging the soft tissues

Material Used : Titanium grade 5 Ti-6Al-4V ELI

ORDERING INFORMATION

Straight Concave Multi Unit		
Code	ØD	GH
 BIO-MO101	5.0	1.0
 BIO-MO102	5.0	2.0
 BIO-MO103	5.0	3.0
 BIO-MO104	5.0	4.0
 BIO-MO105	5.0	5.0
 BIO-MO106	5.0	6.0
 BIO-HSM-1550	*Included With All Type Of Abutments & Available separately	


















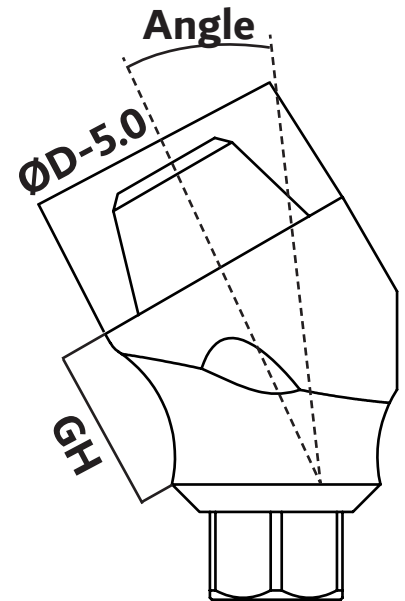
Multi Unit Carrier

Multi Unit Abutment

Concave Multi Units

ORDERING INFORMATION

Angulated Concave Multi Unit			
Angle	GH-1mm	GH-2mm	GH-3mm
9°	 BIO-MU09-H1	 BIO-MU09-H2	 BIO-MU09-H3
18°	 BIO-MU18-H1	 BIO-MU18-H2	 BIO-MU18-H3
30°	 BIO-MU30-H1	 BIO-MU30-H2	 BIO-MU30-H3
40°	 BIO-MU40-H1	 BIO-MU40-H2	 BIO-MU40-H3
50°	 BIO-MU50-H1	 BIO-MU50-H2	
60°	 BIO-MU60-H1		



BIO-SB8324

*Included With All Type Of Abutments & Available separately



BIO-SDRMU

*Included With All Type Of Abutments & Available separately

Multi Unit Carrier










Multi Unit Abutment




Multi Unit Screw



Multi Units Components

ORDERING INFORMATION

Multi Unit Components			
Product Name		ØD	L
Plastic Sleeve		5.0	10.0
	BIO-MPLD		
Titanium Sleeve		5.0	10.0
	BIO-MUTSDL		
Short Titanium Sleeve		5.0	7.0
	BIO-MUTSDH		
Healing Cap		5.0	7.0
	BIO-MUHC1		
Close Transfer		5.0	9.0
	BIO-MUTRIC		
Open Transfer		5.0	9.0
	BIO-MUTRIO		
Analog		5.0	14.1
	BIO-DAMU		
Screw		2.1	4.3
	BIO-MSC		
Straight Mu Insertion Driver		5.0	12.0
	BIO-DRM23		

Multi Unit Level Digital Components		
	ØD	L
	5.0	7.0
BIO-SBMU		
	5.0	14.10
BIO-DAMU		
	5.0	4.5
BIO-DTS-S		

Digital Components

Wide range of implant level scan bodies of various heights suitable for the daily challenging cases





*Sandblasted surface for easy , fast & smooth scanning experience

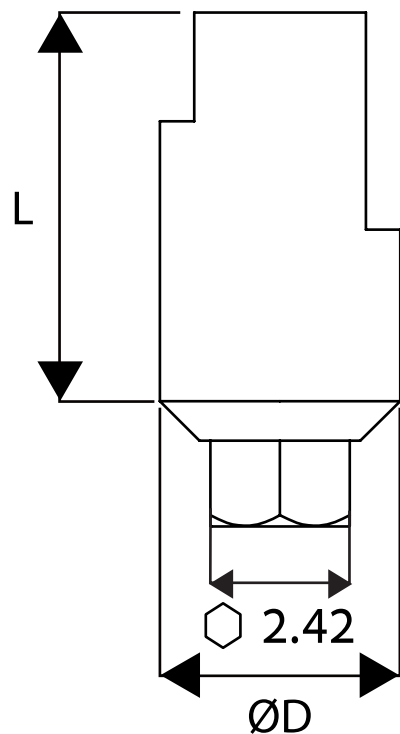
*flat surface acting as hex indicator

*narrow body suitable for deep placements

Material Used : Titanium grade 5 Ti-6Al-4V ELI

ORDERING INFORMATION

Implant Level Scan Bodies		
	ØD	L
 BIO-SBR	4.5	7.0
 BIO-SBR-9	4.5	9.0
 BIO-SBR-11	4.5	11.0
 BIO-SBS *Slim-For 2.9mm Implant	4.5	7.0






Digital library is available for download at our website - www.BioLine-Implants.de

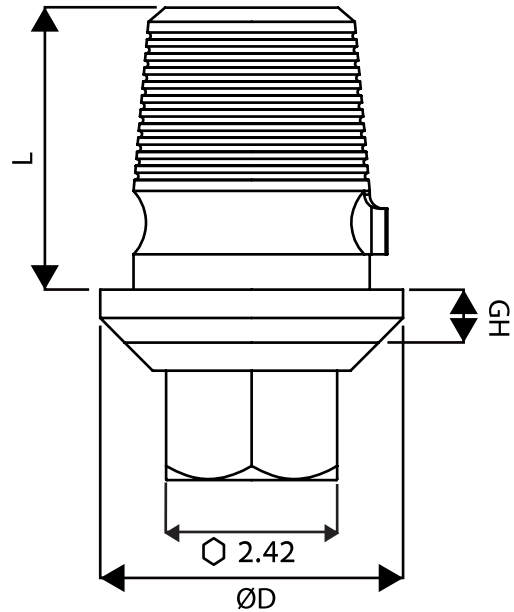
Digital Components

Engaging , non engaging & slim digital ti bases for single & multiple units fully digital restoration

Material Used : Titanium grade 5 Ti-6Al-4V ELI



ORDERING INFORMATION

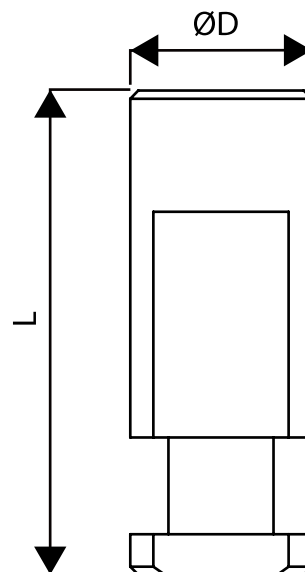
Implant Level T-Bases		
	ØD	L
 BIO-TBH	4.3	4.0
 BIO-TBN	4.3	4.0
 BIO-TBS *Slim-For 2.9mm Implant	4.3	4.0



Regular & slim platform of digital analogs for smooth fit in 3d printed laboratory models

Material Used : Stainless Steel

Implant Level Lab Analogs		
	ØD	L
 BIO-DAR	4.5	12.0
 BIO-DAS *Slim-For 2.9mm Implant	4.5	12.0



















Digital library is available for download at our website - www.BioLine-Implants.de





Ball Attachments

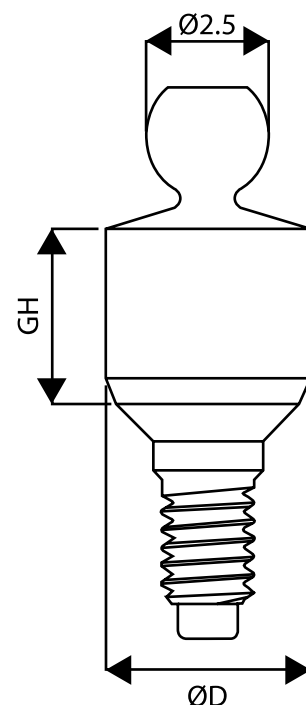
Wide range of well aesthetic & simple to use ball abutments for over denture restorations

Material Used : Titanium grade 5 Ti-6Al-4V ELI

ORDERING INFORMATION

Ball Attachments			
Regular	Slim	ØD	GH
		4.1	0.5
BIO-T1200	BIO-T1200-S		
		4.1	1.0
BIO-T1201	BIO-T1201-S		
		4.1	2.0
BIO-T1202	BIO-T1202-S		
		4.1	3.0
BIO-T1203	BIO-T1203-S		
		4.1	4.0
BIO-T1204	BIO-T1204-S		
		4.1	5.0
BIO-T1205	BIO-T1205-S		
		4.1	6.0
BIO-T1206	BIO-T1206-S		
		4.1	7.0
BIO-T1207	BIO-T1207-S		
	*Slim-For 2.9mm Implant		

Silicone Caps	
Softness	
	Extra Soft
BIO-T3002	
	Soft
BIO-T3003	
	Standard
BIO-T3004	
Metal Cap	
ØD	L
	3.2
BIO-T3001	5.0










Flat Over - Denture Attachment

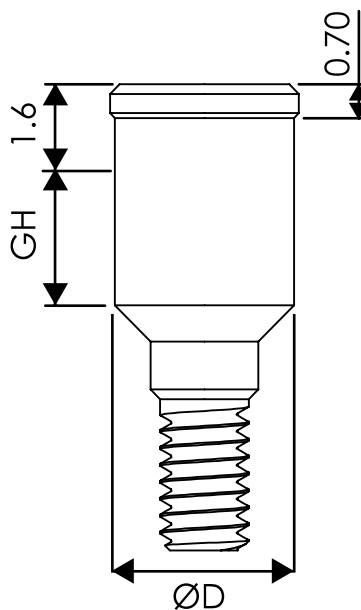
Wide range of well aesthetic & simple to use flat over denture attachments for over denture restorations

Material Used : Titanium grade 5 Ti-6Al-4V ELI

ORDERING INFORMATION

Over - Denture Attachments		
Regular	ØD	GH
	3.8	0.5
BIO-PCA00		
	3.8	1.0
BIO-PCA01		
	3.8	2.0
BIO-PCA02		
	3.8	3.0
BIO-PCA03		
	3.8	4.0
BIO-PCA04		
	3.8	5.0
BIO-PCA05		
	3.8	6.0
BIO-PCA06		

Silicone Caps	
Softness	
	Extra Soft
BIO-CN088	
	Soft
BIO-CN087	
	Standard
BIO-CN086	
	Hard
BIO-CN090	
Metal Cap	
ØD	L
	5.5 3.2
BIO-PCMC0	



Instruments & Surgical Kits










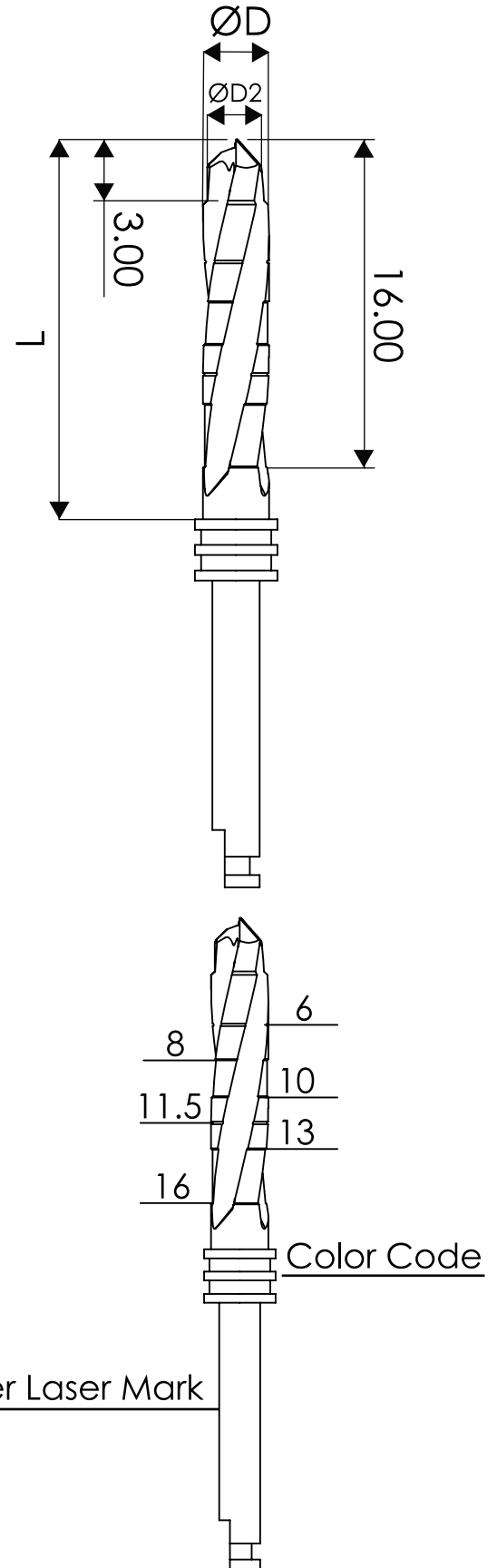
Useful & practical range of instruments & Surgical kits !



Standard Drills

ORDERING INFORMATION

2 Step Standard Drills			
Ref.NO	ØD	ØD2	L
 BIO-D1220	2.0	2.0	19.0
 BIO-D1225	2.5	2.0	19.0
 BIO-D1228	2.8	2.5	19.0
 BIO-D1232	3.2	2.8	19.0
 BIO-D1236	3.65	3.2	19.0
 BIO-D1242	4.2	3.65	19.0
 BIO-D1252	5.2	4.8	19.0

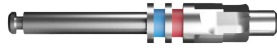


Drills

ORDERING INFORMATION

Countersink Drills

Ref.NO	ØD
--------	----



3.8-4.2

BIO-D1034



5.0-6.0

BIO-D1056

Marking Drill

Ref.NO	ØD
--------	----



1.5

BIO-D3410

Drill Extension

Ref.NO	ØD
--------	----



3.0

BIO-D3412

Trephine Drills

Ref.NO	ØD
--------	----



3-4

BIO-D2030



4-5

BIO-D2040







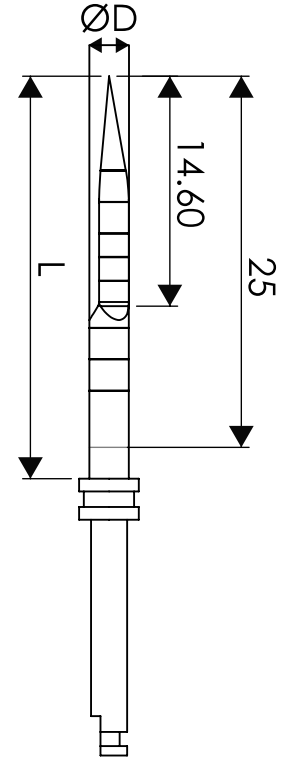
5-6




BIO-D2050

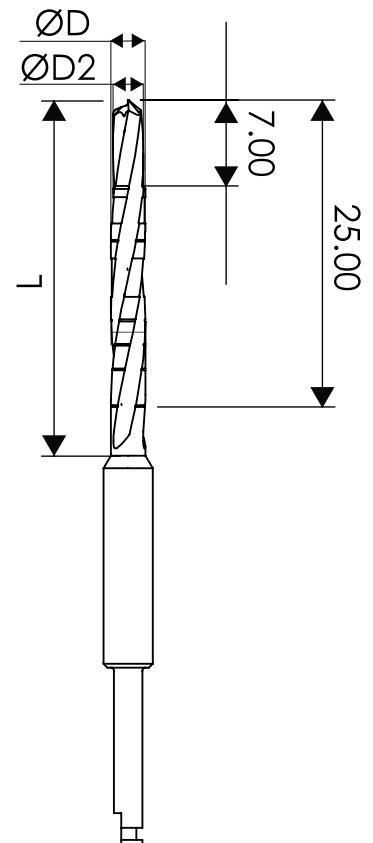
Drills

ORDERING INFORMATION

Cortical Drills		
Ref.NO	ØD	L
 BIO-CD20	2.0	26
 BIO-CD25	2.5	26
 BIO-CD28	2.8	26
 BIO-CD32	3.2	26














Pterygoid Drills			
Ref.NO	ØD	ØD1	L
 BIO-PTD1520	2.0	1.5	27
 BIO-PTD2025	2.5	2.0	27
 BIO-PTD2528	2.8	2.5	27

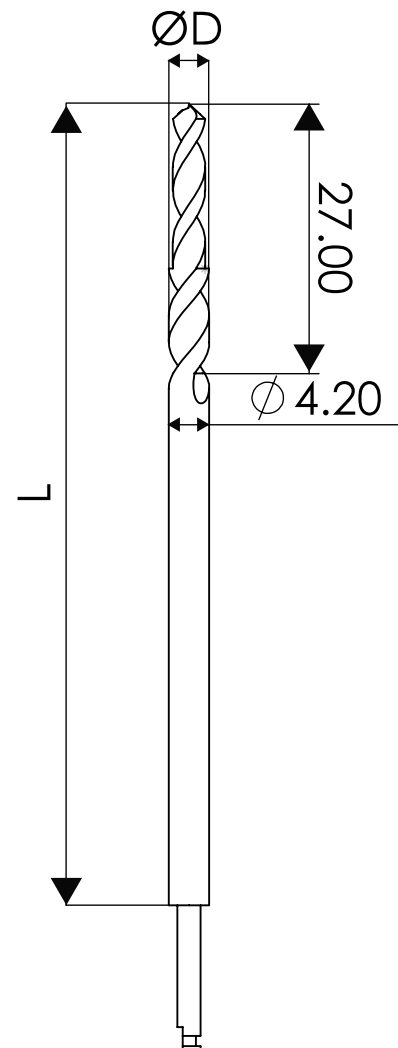


Zygomatic Drills

ORDERING INFORMATION

Zygomatic Drills			
Ref.NO	Drill Number	ØD	L
 BIO-ZDR1-S *For 3.75mm Zygomatic Implant	1-Short	2/2.5/3	60
 BIO-ZDR1-L *For 3.75mm Zygomatic Implant	1-Long	2/2.5/3	80
 BIO-ZDR2-S	2-Short	2/2.5/3	60
 BIO-ZDR2-L	2-Long	2/2.5/3	80
 BIO-ZDR3-S	3-Short	2.8/3.2	60
 BIO-ZDR3-L	3-Long	2.8/3.2	80
 BIO-ZDR4-S	4-Short	3.2	60
 BIO-ZDR4-L	4-Long	3.2	80

Diamond Burs		
Ref.NO	ØD	L
 BIO-DBF	4.2	30
 BIO-DBM	4.2	30
 BIO-DBC	4.2	30








Prosthetic Drivers

Wide range of strong & precise implant & prosthetic drivers

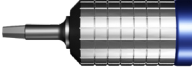

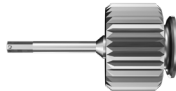
Material Used : tainless steel

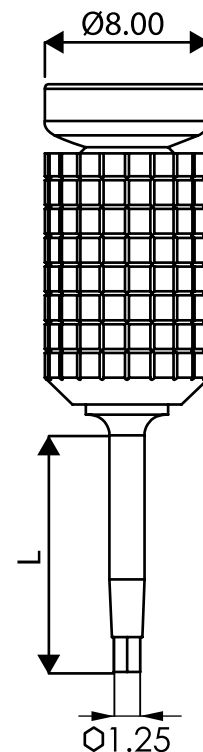
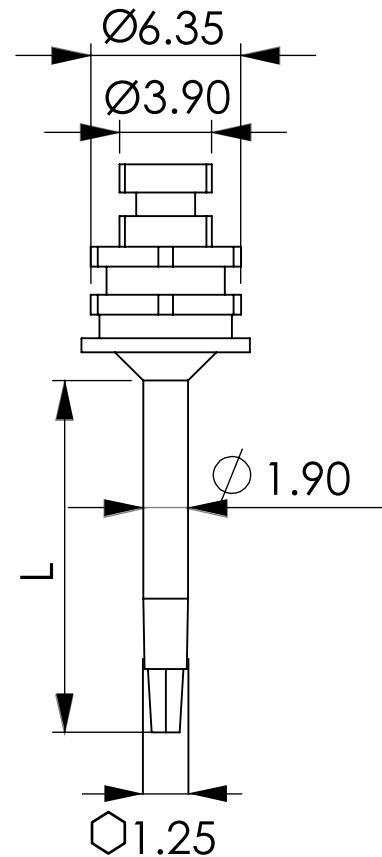
ORDERING INFORMATION

Prosthetic Ratchet Drivers

Ref.NO	L
 BIO-X1207	7
 BIO-X1210	10
 BIO-X1215	15
 BIO-X1220	20
 BIO-X1230	30










Prosthetic Manual Drivers

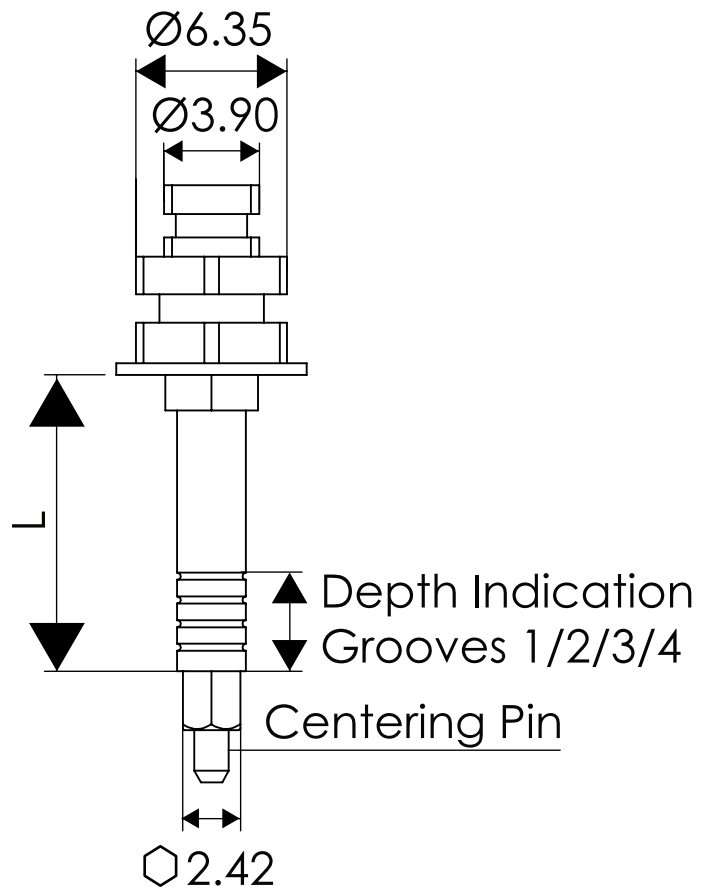
Ref.NO	L
 BIO-X1006	8
 BIO-X1007	11.5
 BIO-X1007-B *Friction	11.5



Implant Drivers



ORDERING INFORMATION

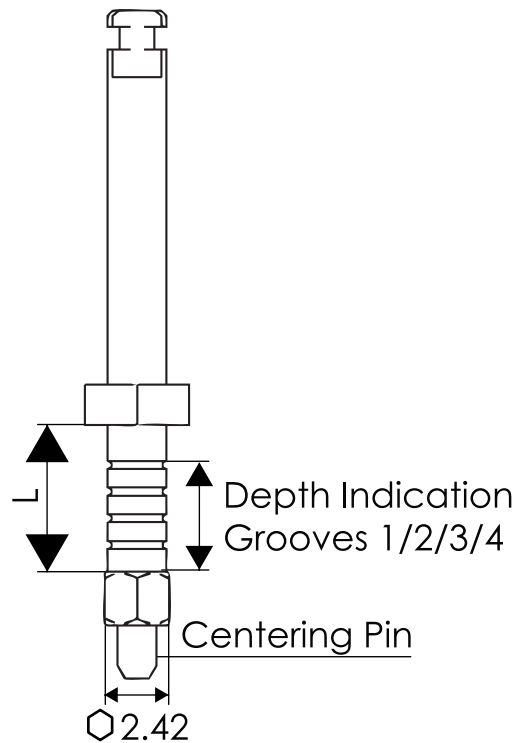
Implant Ratchet Drivers	
Ref.NO	L
 BIO-X2407	7
 BIO-X2410	10
 BIO-X2415	15
 BIO-X2423	23
 BIO-X2430	30
 BIO-X2615 *Friction	15
 BIO-X2807 *Slim-For 2.9mm Implant	7
 BIO-X2810 *Slim-For 2.9mm Implant	10
 BIO-X2815 *Slim-For 2.9mm Implant	15





Motor Drivers

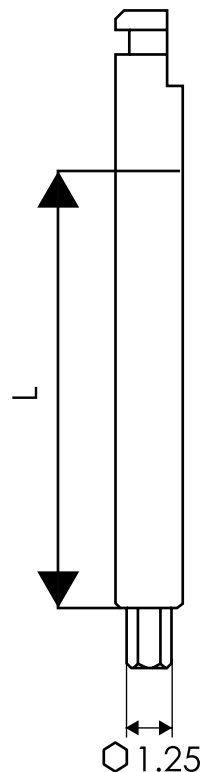
ORDERING INFORMATION

Implant Motor Drivers	
Ref.NO	L
	7
BIO-X1014	
	22
BIO-X1015	








ORDERING INFORMATION

Prosthetic Motor Drives	
Ref.NO	L
	15
BIO-X1008	
	20
BIO-X1033	









Tools

Product Description	Cat.NO	Product Picture
Simple Ratchet 6.35 hex	BIO-X1020	
Torque ratchet 6.35 hex	BIO-X1021	
Surgical screw long driver	BIO-X1023	
Surgical screw long driver For CC/BC Implant	BIO-X1036	
Depth probe till 16mm length	BIO-X1025	

Angle Indicators

ORDERING INFORMATION

Angle Indicators	
Ref.NO	Angle
 BIO-GU09	9
 BIO-GU18	18
 BIO-GU30	30
 BIO-GU40	40
 BIO-GU50	50
 BIO-GU60	60



Professional Kit
































The All New BioLine Professional Surgical Kit is fully loaded with the all tools you need in order to operate dental implant cases like a pro !
the professional surgical kit contains a state-of-the-art step titanium nitride coated drills, a unique torque ratchet with maximum torque capacity of 70 Nc, depth probe with a bone depth & tissue height measurement option and lot more.

The BioLine Professional Surgical kit is extremely user-friendly and simplifies dental implantology procedures!

Cat.NO: BIO-PRO-KIT

PROFESSIONAL KIT CONTAIN:

Product Description	Cat.NO	Product Picture
Torque ratchet 6.35 hex	BIO-X1021	
Depth probe till 16mm length	BIO-X1025	
Marking drill	BIO-D3410	
2 pilot drill	BIO-D1220	
2.5 drill	BIO-D1225	
2.8 drill	BIO-D1228	
3.2 drill	BIO-D1232	
3.65 drill	BIO-D1236	
4.2 drill	BIO-D1242	
5.2 drill	BIO-D1252	
3.75-4.2 countersink drill	BIO-D1034	
5-6 countersink drill	BIO-D1056	
Drill extender	BIO-D3142	
Implant motor mount 2.42 hex short	BIO-X1015	
Implant motor mount 2.42 hex long	BIO-X1014	
Prosthetics motor mount 1.25 hex	BIO-X1008	
Prosthetics driver 1.25 hex short	BIO-X1207	
Prosthetics driver 1.25 hex long	BIO-X1215	
Implant driver 2.42 hex short	BIO-X2407	
Implant driver 2.42 hex long	BIO-X2415	
Slim implant driver 2.1 hex regular	BIO-X2810	
Conical implant driver regular	BIO-X2315	
X2 parallel pin short	BIO-X1028	
X2 parallel pin long	BIO-X1029	
Prosthetic hand driver long	BIO-X1006	
Angle indicator 9°	BIO-GU09	
Angle indicator 18°	BIO-GU18	
Angle indicator 30°	BIO-GU30	
Angle indicator 40°	BIO-GU40	

Guided Kit




































The All New BioLine Fully Guided Surgery Kit is a unique one of a kind rich surgical kit which contains all you need for easy, comfortable & predictable guided surgery cases followed by compatible digital library for the all major popular surgical guide planning and designing software.

With the help of this state of the art kit & the digital library we can pre plan our simple & complicated dental implant cases as one , match the implants locations & positions as well as select the required abutments and pre fabricate the temporary prosthetics in prior in order to deliver it to the patient on the very same operation day in order to satisfy the patient at our best using the latest innovative technologies

The BioLine Fully Guided Surgery Kit is extremely user-friendly and simplifies dental implantology procedures!

Cat.NO: BIO-GUD-KIT

GUIDED KIT CONTAIN:

Product Description	Cat.NO	Product Picture
Guided surgery drill Ø 2.0 L6	GD20L06	
Guided surgery drill Ø 2.0 L8	GD20L08	
Guided surgery drill Ø 2.0 L10	GD20L10	
Guided surgery drill Ø 2.0 L11.5	GD20L11	
Guided surgery drill Ø 2.0 L13	GD20L13	
Guided surgery drill Ø 2.8 L6	GD28L06	
Guided surgery drill Ø 2.8 L8	GD28L08	
Guided surgery drill Ø 2.8 L10	GD28L10	
Guided surgery drill Ø 2.8 L11.5	GD28L11	
Guided surgery drill Ø 2.8 L13	GD28L13	
Guided surgery drill Ø 3.2 L6	GD32L06	
Guided surgery drill Ø 3.2 L8	GD32L08	
Guided surgery drill Ø 3.2 L10	GD32L10	
Guided surgery drill Ø 3.2 L11.5	GD32L11	
Guided surgery drill Ø 3.2 L13	GD32L13	
Guided surgery drill Ø 3.65 L6	GD36L06	
Guided surgery drill Ø 3.65 L8	GD36L08	
Guided surgery drill Ø 3.65 L10	GD36L10	
Guided surgery drill Ø 3.65 L11.5	GD36L11	
Guided surgery drill Ø 3.65 L13	GD36L13	
Guided surgery drill Ø 4.2 L6	GD42L06	
Guided surgery drill Ø 4.2 L8	GD42L08	
Guided surgery drill Ø 4.2 L10	GD42L10	
Guided surgery drill Ø 4.2 L11.5	GD42L11	
Guided surgery drill Ø 4.2 L13	GD42L13	
1.25mm prosthetic hex driver	X1215	
regular hex 2.42mm implant driver for guided surgery	RSPG	
slim hex 2.42mm implant driver for guided surgery	RSPG-S	
Conical connection implant driver for guided surgery	RSPG-CSD	
Regular implant hex 2.42mm motor driver for guided surgery	MDSG	
Slim implant hex 2.10mm motor driver for guided surgery	MDSG-S	
Conical connection motor driver for guided surgery	MDSG-CSD	
Torque ratchet	X1021	

Pterygoid Kit
























The all new BioLine Unique Pterygoid Surgical kit is one of the richest dedicated pterygoids – bi cortical implantology surgical kits in todays market. Contains state of the art titanium nitride coated long drills along with highly sharp and tapered cortical drills, wide range of implant & prosthetics tightening drivers along with a complete range of angle indicators, the pterygoid kit is giving a straightforward answer for any kind of pterygomaxillary / by cortical implant positioning and its prosthetic protocol

The BioLine Pterygoid Surgical Kit is extremely user-friendly and simplifies dental implantology procedures!

Cat.NO: BIO-PTR-KIT

PTERYGOID KIT CONTAIN:

Product Description	Cat.NO	Product Picture
Short implant driver 2.42mm hex	BIO-X2407	
Medium implant driver 2.42mm hex	BIO-X2410	
Long implant driver 2.42mm hex	BIO-X2423	
Short prosthetic's driver 1.25mm hex	BIO-X1207	
Medium prosthetic's driver 1.25mm hex	BIO-X1210	
Long prosthetic's driver 1.25mm hex	BIO-X1215	
Pterygoid drill 2 step 1.2-2.0	BIO-PTDRILL1520	
Pterygoid drill 2 step 2.0-2.5	BIO-PTDRILL2025	
Pterygoid drill 2 step 2.5-2.8	BIO-PTDRILL2528	
2.0 mm cortical drill	BIO-CD20	
2.5 mm cortical drill	BIO-CD25	
2.8 mm cortical drill	BIO-CD28	
3.2 mm cortical drill	BIO-CD32	
Surgical screw long driver	BIO-X1023	
Pterygoid depth probe 25mm	BIO-PTR01	
Angle indicator 9°	BIO-GU09	
Angle indicator 18°	BIO-GU18	
Angle indicator 30°	BIO-GU30	
Angle indicator 40°	BIO-GU40	
Angle indicator 50°	BIO-GU50	
Angle indicator 60°	BIO-GU60	

Zygomatic Kit



















The all new BioLine Unique Zygomatic Surgical kit is one of the richest dedicated Zygomatic implantology surgical kits in today's market. Contains state of the art titanium nitride coated long & short drills along with wide range of diamond burs in different roughness option's for the initial tunneling preparation as well as motor driven & ratchet driven implant insertion drivers & a unique and super useful hand grip driver and long bendable depth probe which can act as a manual guide for the drilling angulation. The kit is compatible with the Bio Guide System – unique & revolutionary guided surgery specifically designed for zygomatic implantology.

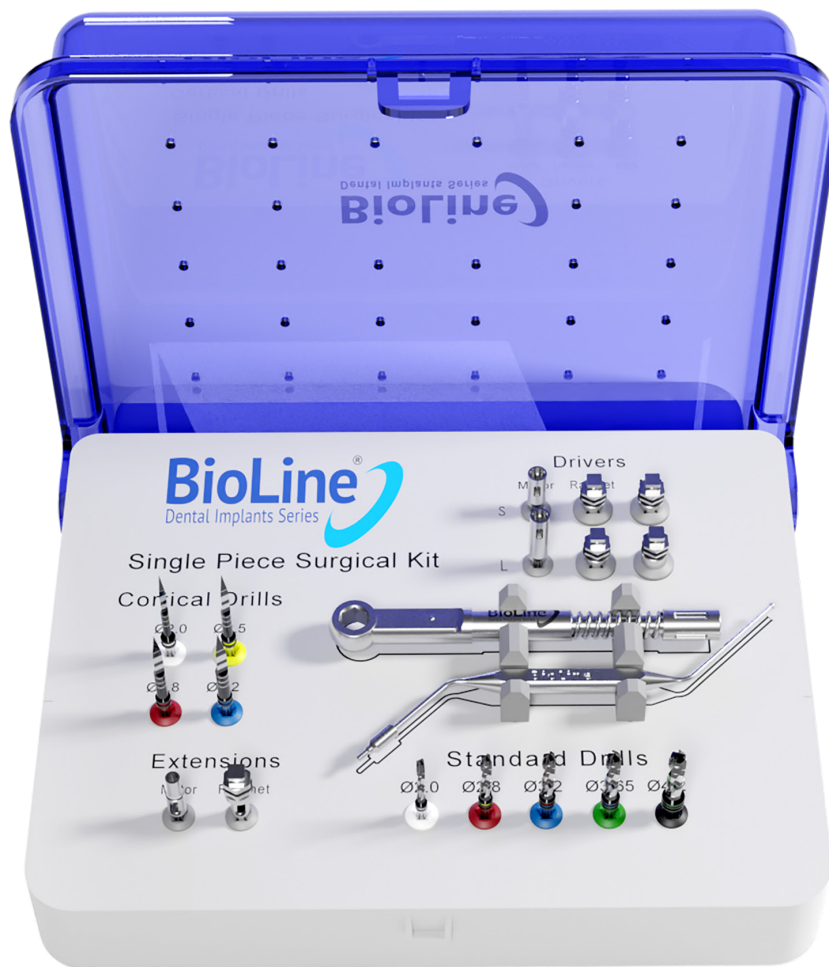
The BioLine Zygomatic Surgical Kit is extremely user-friendly and simplifies dental implantology procedures!

Cat.NO: BIO-ZSK-KIT

ZYGOMATIC KIT CONTAIN:

Product Description	Cat.NO	Product Picture
Marking drill sharp	BIO-D3410	
Zygoma drill 1 step long 2-2.5-3mm for 3.75mm implant	BIO-ZDR1-L	
Zygoma drill 2 step long 2-2.5-3mm for 3.75mm implant	BIO-ZDR2-L	
Zygoma drill 3 step long 2.8-3.2mm	BIO-ZDR3-L	
Zygoma drill 4 step long 3.2mm	BIO-ZDR4-L	
Zygoma drill 1 step short 2-2.5-3mm for 3.75mm implant	BIO-ZDR1-S	
Zygoma drill 2 step short 2-2.5-3mm	BIO-ZDR2-S	
Zygoma drill 3 step short 2.8-3.2mm	BIO-ZDR3-S	
Zygoma drill 4 step short 3.2mm	BIO-ZDR4-S	
Diamond bur fine	BIO-DBF	
Diamond bur medium	BIO-DBM	
Diamond bur coarse	BIO-DBC	
Surgical screw driver for 6.35mm hex	BIO-X1023	
Zygoma depth probe 60mm	BIO-SPR01	
Implant driver 2.42 hex long	BIO-X2415	
1.25mm prosthetic hex driver	BIO-X1215	

Single Piece Kit






















Uniquely designed & fully loaded , the All New BioLine Single Piece Implants Kit contain all required tools in order to successfully place Single Piece Dental Implants in various clinical indications, with a wide range of osteotomy drills , torque ratchet with maximum torque capacity of 70 NC and wide range of motor & ratchet driven implant insertion drivers for the compressive, basal & multi-unit implant system.

The BioLine single piece implants kit is extremely user-friendly and simplifies dental implantology procedures!

Cat.NO: BIO-SPI-KIT

SINGLE PIECE KIT CONTAIN:

Product Description	Cat.NO	Product Picture
Torque ratchet hex 6.35	BIO-X1021	
Depth probe till 16mm length	BIO-X1025	
Drill extender	BIO-D3142	
Ratchet drill extender	BIO-D3414	
Motor driver for CC/BC implants short	BIO-SPMK10	
Motor driver for CC/BC implants long	BIO-SPMK15	
Ratchet driver for CC/BC implants short	BIO-SPK10	
Ratchet driver for CC/BC implants long	BIO-SPK15	
Short Ratchet driver for CMU implants	BIO-CMUD-10	
Long Ratchet driver for CMU implants	BIO-CMUD-15	
2.0 mm standard drill	BIO-D1220	
2.8 mm standard drill	BIO-D1228	
3.2 mm standard drill	BIO-D1232	
3.65mm standard drill	BIO-D1236	
4.2 mm standard drill	BIO-D1242	
2.0 mm cortical drill	BIO-CD20	
2.5 mm cortical drill	BIO-CD25	
2.8 mm cortical drill	BIO-CD28	
3.2 mm cortical drill	BIO-CD32	



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