



BasalFix



immediate loading dental system

PRODUCT
CATALOGUE



Basalfix is a dental implant system completely developed and manufactured in Italy, using only certified medical materials sourced from referenced suppliers.

All **Basalfix** implants are made of high strength Titanium Grade 4, according to ASTM F 67 norm.

Various lengths and diameters are available in order to adapt to various clinical cases. They are indicated for multiple rehabilitation only, for both flap and flapless techniques.

The primary packaging of **Basalfix** implants is performed in an ISO 7 type cleanroom to avoid any contamination, in compliance with the sectorial norms.

Basalfix medical devices are manufactured according to the European Directive 93/42/EEC, the manufacturer was entitled to sell by a European body and guarantees a quality system ISO 9001 and ISO 13485 since 1998.



PACKAGE SYSTEM



The package includes:
1 sterile implant
3 labels

Basalfix outer packaging is made of cardboard and features a useful tear-off opening system.

The packaging design shows the indications regarding the implant line name: **Basal**, **Compressive** or **TPI**.

The external labels are distinguished by the colour coding:

- **Blue: Basal Line**
- **Green: Compressive Line**
- **Yellow: TPI Line**

The sticker contains also all the specific data of the implant: description, reference number, production batch, sterility expiration date and manufacturer.

Inside the pack there is the sterile tube containing the implant and 3 stickers with description, reference number and production batch of the implant, which must be applied on the patient's medical record, on the implant passport given to the patient and on any further documentation.

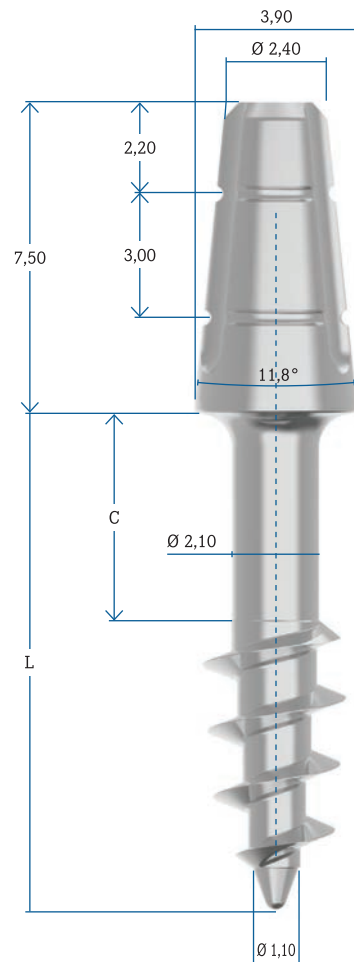
The instructions for use are available in digital format, by scanning the QR code on the label or by typing the link on the label. If you wish to receive the instructions for use in paper format, it is always possible to request a free copy from the distributor or the manufacturer.

BASAL

GENERAL FEATURES

The surface cleaning of **Basal** implants is performed through a plasma treatment. The specialised Italian company, Nobil Bioricerche, with a valuable experience in surface treatments, studied and developed the specifics of the treatment for the removal of adherent endotoxin. The effectiveness of the treatment has been verified by countless lab studies, clinical studies and millions of implants used clinically.

Basal line implants can be used as a post-extractive solution in all types of bone, in both upper and lower jaws, also in case of bone atrophy. Their morphology is designed to allow the engagement of the second cortex. **Basal** line implants are indicated for immediate loading technique and can be placed in combination with the Compressive line implants and two-stage implants. Colour coding: **Blue**

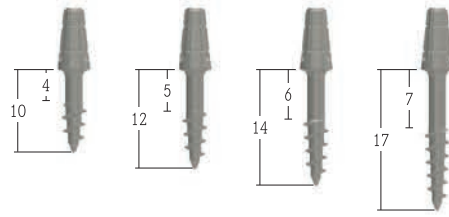


- Bendable abutment up to maximum 15°
- Warning: Bend only the abutments of implants longer than 10 mm
- Do not exceed the indicated bending angle, the implant might lose its mechanical strength

ref. BSI32100 BSI32120 BSI32140 BSI32170

Ø 3.2 mm

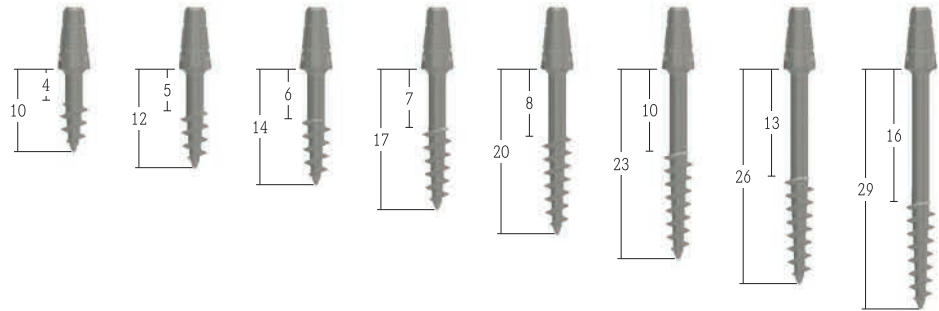
Thread pitch 1.6 mm



ref. BSI36100 BSI36120 BSI36140 BSI36170 BSI36200 BSI36230 BSI36260 BSI36290

Ø 3.6 mm

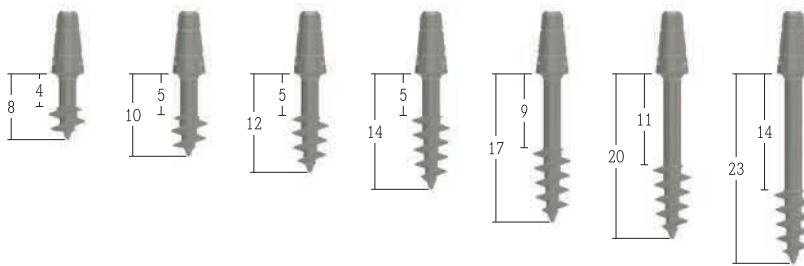
Thread pitch 1.6 mm



ref. BSI46080 BSI46100 BSI46120 BSI46140 BSI46170 BSI46200 BSI46230

Ø 4.6 mm

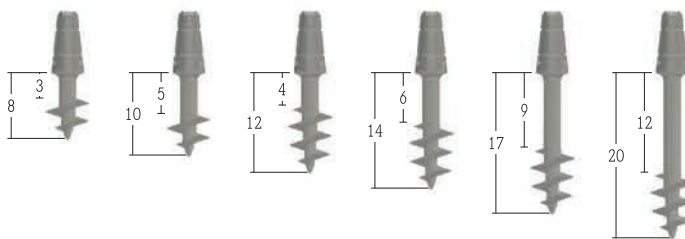
Thread pitch 1.75 mm



ref. BSI55080 BSI55100 BSI55120 BSI55140 BSI55170 BSI55200

Ø 5.5 mm

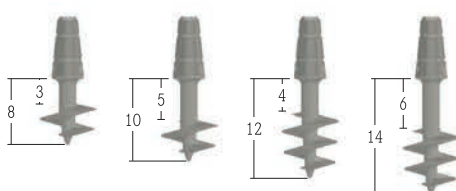
Thread pitch 2.25 mm



ref. BSI70080 BSI70100 BSI70120 BSI70140

Ø 7.0 mm

Thread pitch 2.50 mm



COMPRESSIVE

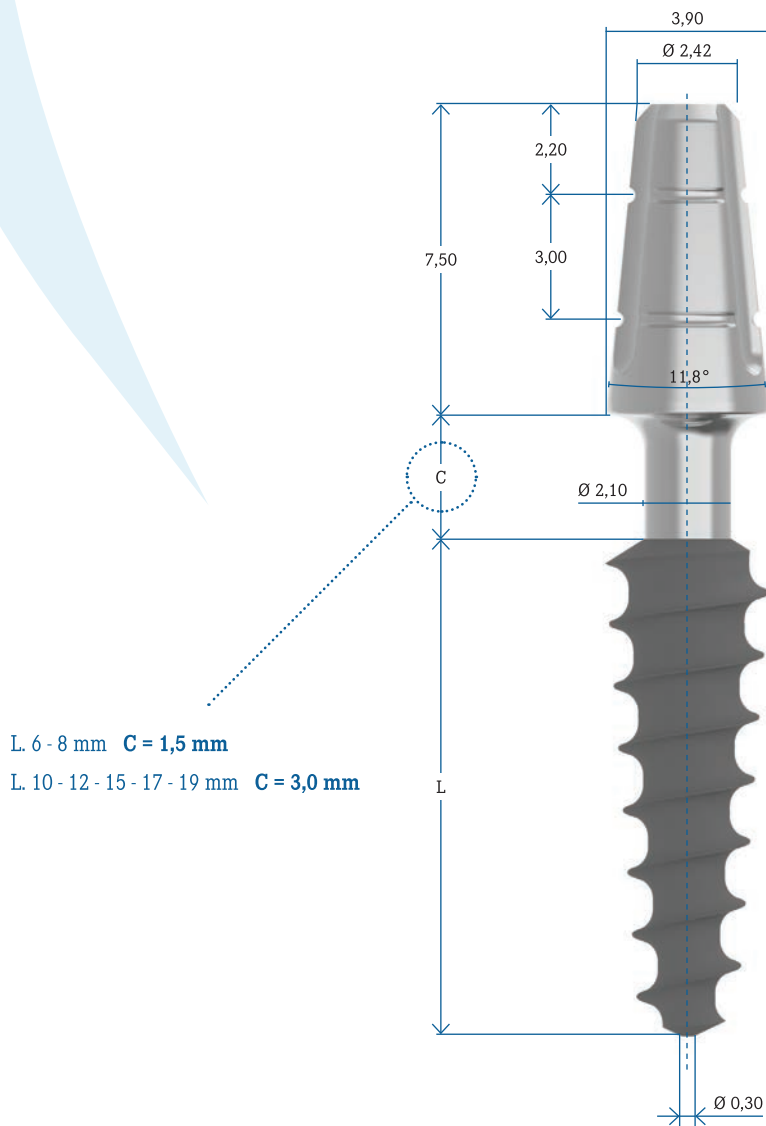
GENERAL FEATURES

The implant surface of the **Compressive** Line is obtained through chemical etching, decontamination and Argon plasma cold treatment. Together they create a new surface with a high degree of cleanliness characterised by a homogeneous micro-porosity which increases the osteoblasts adhesion and favours the osteogenesis process.

These factors are decisive in achieving a faster and safer osseointegration.

Compressive line implants are indicated for the immediate loading technique, in situations with appropriate healthy bone. It is not necessary to engage the second cortex, since the primary stability is obtained thanks to the compression of the bone exerted by the implant.

Colour coding: **Green**



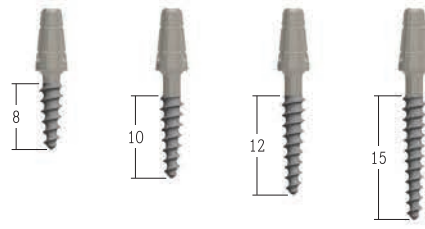
- Bendable abutment up to maximum 15°
- Warning: Bend only the abutments of implants longer than 10 mm
- Do not exceed the indicated bending angle, the implant might lose its mechanical strength

ref.

COM30080 COM30100 COM30120 COM30150

Ø 3.0 mm

Thread pitch 1.25 mm

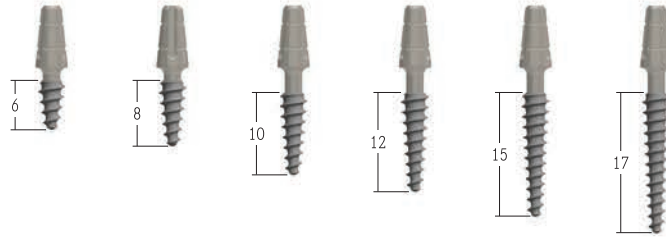


ref.

COM35060 COM35080 COM35100 COM35120 COM35150 COM35170

Ø 3.5 mm

Thread pitch 1.25 mm

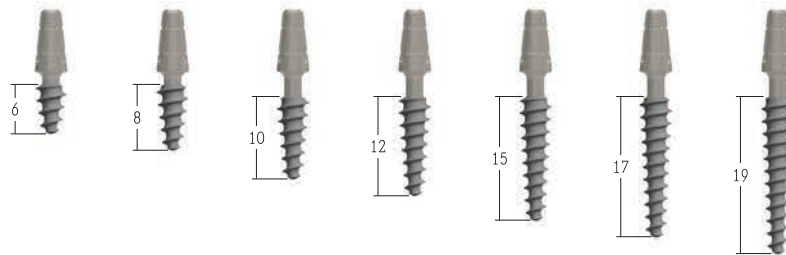


ref.

COM40060 COM40080 COM40100 COM40120 COM40150 COM40170 COM40190

Ø 4.0 mm

Thread pitch 1.50 mm

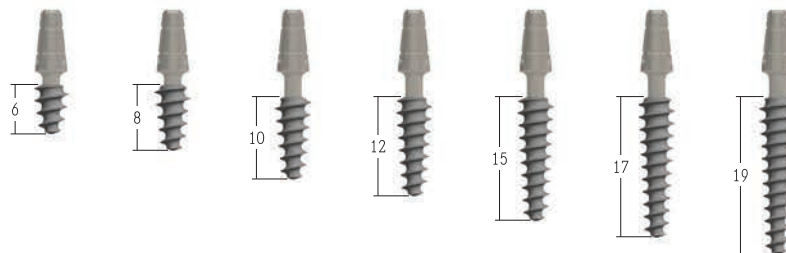


ref.

COM45060 COM45080 COM45100 COM45120 COM45150 COM45170 COM45190

Ø 4.5 mm

Thread pitch 1.50 mm

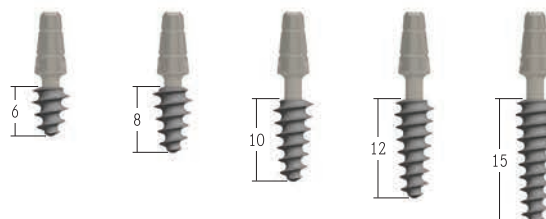


ref.

COM50060 COM50080 COM50100 COM50120 COM50150

Ø 5.0 mm

Thread pitch 1.50 mm



TPI

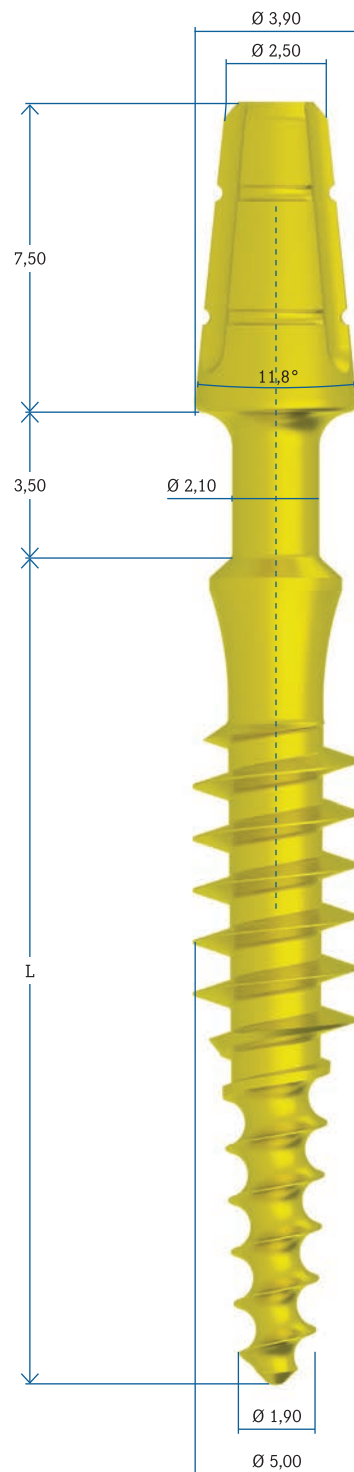
GENERAL FEATURES

The surface cleaning of **TPI** implants is performed through a plasma treatment. The specialised Italian company, Nobil Bioricerche, with a valuable experience in surface treatments, studied and developed the specifics of the treatment for the removal of adherent endotoxin. The effectiveness of the treatment has been verified by countless lab studies, clinical studies and millions of implants used clinically.

TPI - Tubero-Pterygoid Implant line is indicated for the distal maxillary area and premolar area when there is enough healthy bone.

TPI implants can be used also in lower jaw as post-extractive implants.

Colour coding: **Yellow**

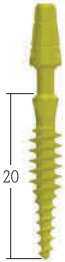


- Bendable abutment up to maximum 15°
- Warning: Bend only the abutments of implants longer than 10 mm
- Do not exceed the indicated bending angle, the implant might lose its mechanical strength

ref.	TPI40170	TPI40200	TPI40230
------	----------	----------	----------

Ø 4.0 mm

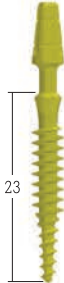
Thread pitch 1.25 mm



ref.	TPI50170	TPI50200	TPI50230
------	----------	----------	----------

Ø 5.0 mm

Thread pitch 1.25 mm



PROSTHETIC COMPONENTS

Implant
analogue

Material: Plastic



BANA

Impression
coping
transfer

Material: Plastic



BTRA

Burnout
cap

Material: Plastic



BCAL

Titanium
abutment

Material: Titanium Grade 5



BSATI

SURGICAL INSTRUMENTS

The drills of **Basalfix** system are designed and manufactured to guarantee their constant efficiency and maximum durability. The use of special hardened stainless steel and the next generation finishing processes are decisive in achieving a top-quality product.

DLC - Diamond Like Carbon coating of all **Basalfix** drills is performed using a perfectly biocompatible material which increases their surface hardness and decreases bone overheating during surgery.

Cylindrical
drill
short

D. 2.5 mm
L. 23 mm

Hardened stainless steel
diamond coating



PIL

Cylindrical
drill
long

D. 2.0 mm
L. 29 mm

Hardened stainless steel
diamond coating



BSD20L

Pathfinder
short

D. 1.8 mm
L. 15 mm

Hardened stainless steel
diamond coating



BCD

Pathfinder
long

D. 2.1 mm
L. 30 mm

Hardened stainless steel
diamond coating



BCDX

Conical
drill

D. 4 mm
L. 17 mm

Hardened stainless steel
diamond coating



BP

Compressive
drill

D. 4.8 mm
L. 15 mm

Hardened stainless steel
diamond coating



CPX

SURGICAL INSTRUMENTS

Straight key



HGBF

Ratchet



RATCBF

Manual
inserter

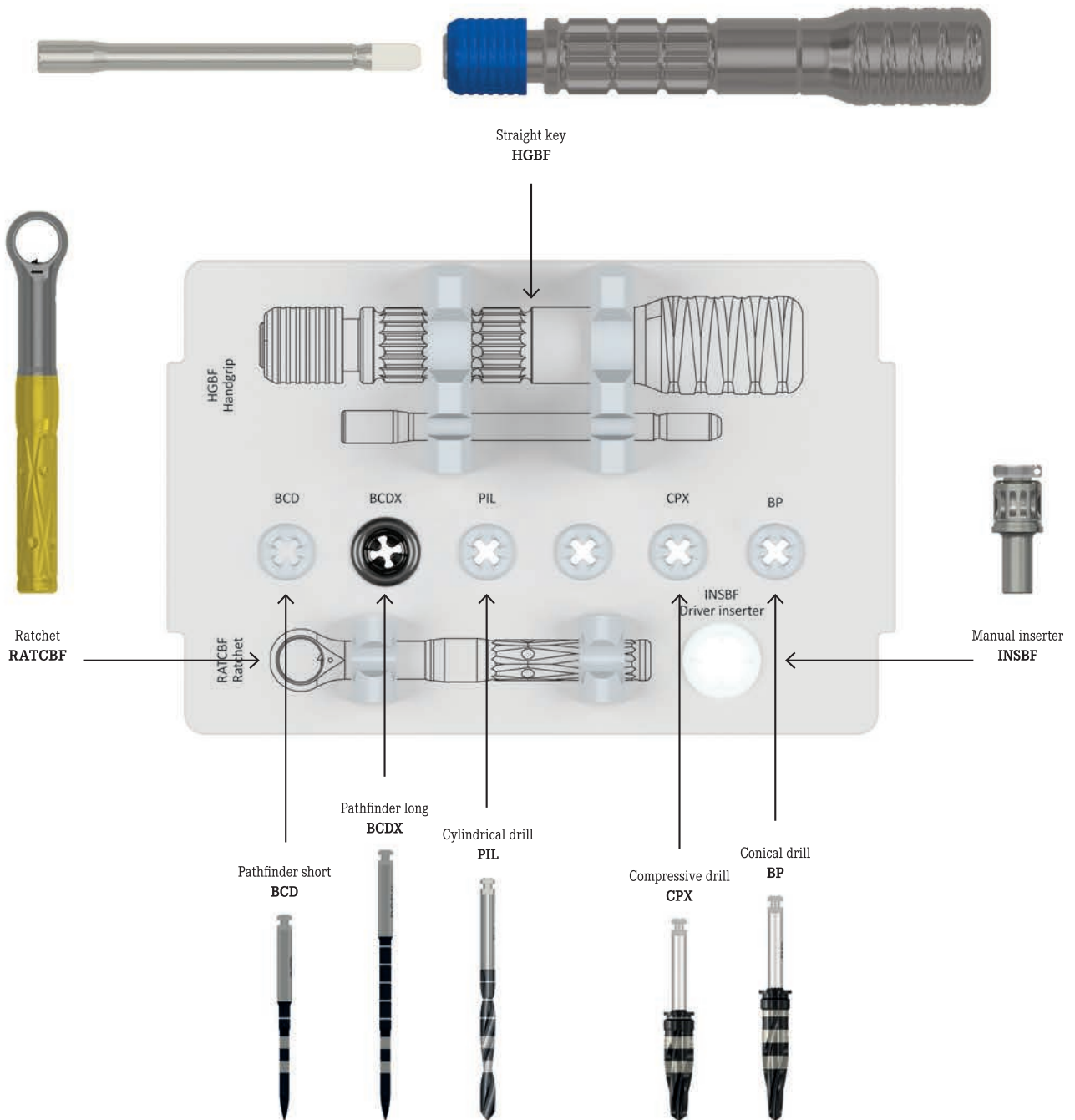


INSBF

SURGICAL INSTRUMENTS

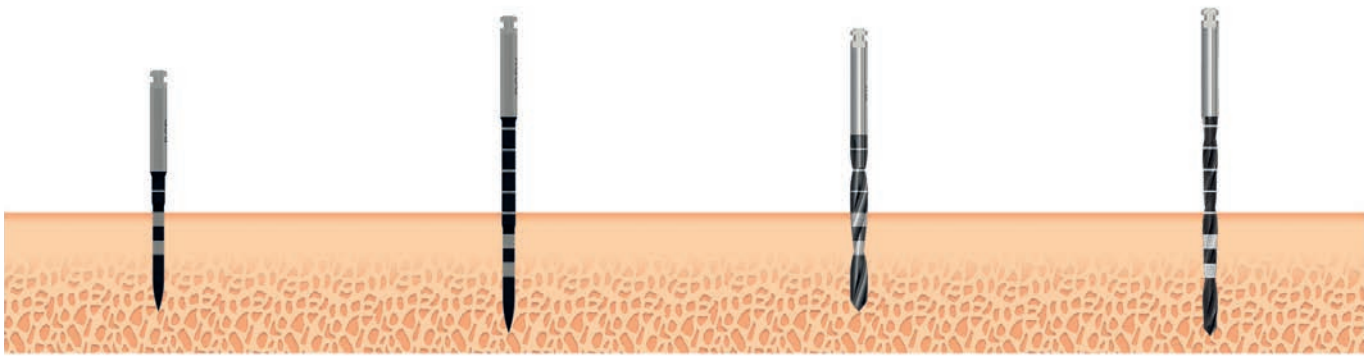
Surgical kit

ref. BITBCT



DRILLING SEQUENCE

for BASAL implants



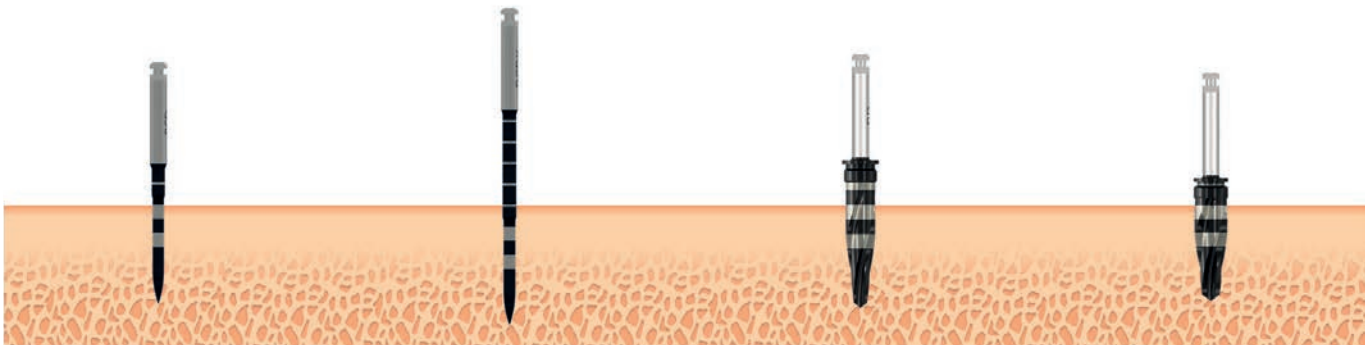
BCD
Pathfinder short
for implants:
L. 8-10-12-14 mm

BCDX
Pathfinder long
for implants:
L. 17-18-20-23-26-29 mm

PIL
Cylindrical drill short
for bone D1-D2
for implants:
L. 17-18-20-23 mm

BSD20L
Cylindrical drill long
for bone D1-D2
for implants:
L. 26-29 mm

for COMPRESSIVE implants



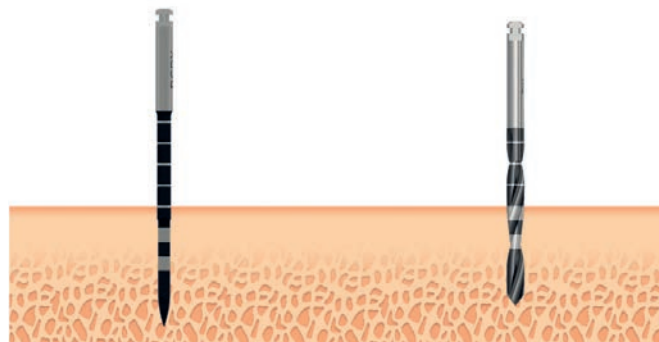
BCD
Pathfinder short
for implants:
L. 6-8-10-12 mm

BCDX
Pathfinder long
for implants:
L. 15-17-19 mm

BP
Conical drill
for implants:
D. 4,0 - 4,5 - 5,0 mm

CPX
Countersink drill
for bone D1-D2
implant D. 5,0 mm

for TPI implants



BCDX
Pathfinder long

PIL
Cylindrical drill
for bone D1-D2



Basalfix LTD

71 Zlatovrach St., of. B, Lozenets - Sofia 1164 Bulgaria
info@basalfix.com • office@basalfix.com • phone: +359887772673

www.basalfix.com

Произведено специално за / Produced exclusively for: BASALFIX S.R.L.



BIOMECC S.r.l.
Via Nazionale Nord 21/A
23823 Colico (LC) ITALY

PRODUCTION 100%
MADE IN ITALY