BIOTECH DENTAL FIX IN









BIOTECH DENTAL GROUP 2.0 DENTAL OFFICE PARTNER.

Since its creation in 1987, Biotech Dental is committed to develop a strong relationship of trust with dentists and dental technicians.

Together, we design and develop ever more tailored product lines to the challenges of the future. Our position is located at the crossroads of their expectations, innovation and technology.

Allow practitioners to offer the best products at the best prices for their patients: that is the first objective of Biotech Dental.

With more than a million dental implants sold, we have helped to improve the lives of thousands of patients worldwide through all dentists who have trusted us. With our expertise and our know-how, we have chosen to be pioneers of this development through innovative technologies.

In recent years, we have integrated new skills, invested over 10 % of our turnover in research and development to be able to develop and propose solutions on the cutting edge innovation.

Today we are a key partner for practitioners of dentistry. We offer our customers a wide range of products and services around dental care, to enable them to meet the different needs of their patients.

Innovation and Technology for practitioners to make affordable excellence to patients: this is Ethical currency of DENTAL BIOTECH.

As many products and services serving the dental office 2.0.

Philippe VERAN CEO

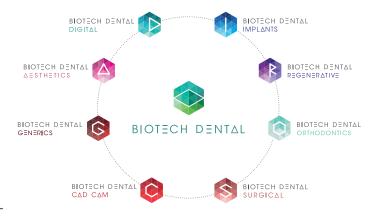
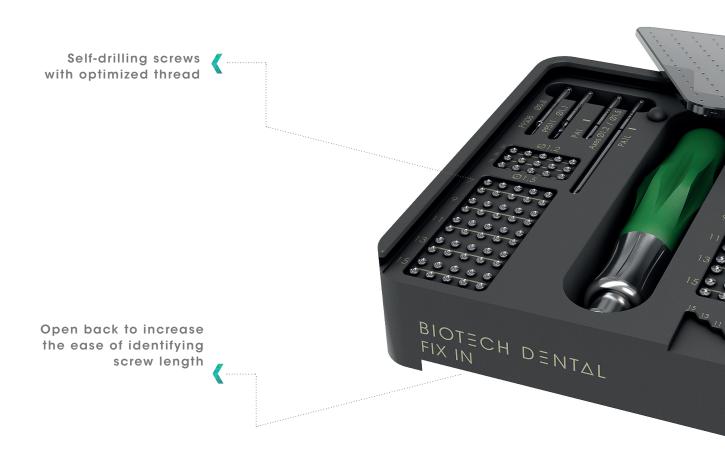


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INDICATIONS

The Fix'In kit is designed for fixing bone grafts or membrane tissue. Grafts during pre-implant dental surgery:

3 screw diameters:

- ≥ Ø 1.2 mm screw: for membrane
- ≥ Ø 1.5 mm screw: for minor or average-sized grafts
- ▶ Ø 1.7 mm screw: for more substantial grafts and replacement of Ø 1.5 mm screw

Fix'In represents a saving time gathering in one kit all the essential tools for the treatment of all your pre-implant case.



KIT DESCRIPTION

The kit includes:

- 1 autoclavable holder
- ↑ 1 screwdriver handle

You can chose from a range of different drills, screws and screwdriver axis.



CUSTOMIZATION

In accordance with the diameter of the screws used, 1 axis and 2 drills will be suggested.



PRODUCT ADVANTAGES

- Material: TA6V ELI (controlled casting)
- Self-drilling screws with optimized thread
- Trocar end
- Phillips-head design for use with screw-holding ancillary instrumentation
- Convenient and ergonomic holder





> SCREWS

CHARACTERISTICS

- Tapered thread root to 2 mm under the head to minimize stress peaks in the screw and the risk of rupture.
- > Thread for cancellous and cortical bone.

 \emptyset 1.2 mm self-drilling screw





Diameter Ø (mm)	Head diameter (mm)	Head angle	Lengths (mm)	References
Ø 1.2 Ø 2.5		80°	5	PV1205
	Ø 2.5		6	PV1206
			7	PV1207

 \emptyset 1.5 mm self-drilling screw



	Diameter Ø (mm)	Head diameter (mm)	Head angle	Lengths (mm)	References
					PV1507
				9	PV1509
	Ø 1.5	Ø 1.5 Ø 2.5 80°	80°	11	PV1511
			13	PV1513	
				15	PV1515

\emptyset 1.7 mm self-drilling screw



Diameter Ø (mm)	Head diameter (mm)	Head Lengths angle (mm)		References
Ø 1.7		Ø 3 80°	7	PV1707
	Ø 3		9	PV1709
			11	PV1711
			13	PV1713
			15	PV1715





> ANCILLARY INSTRUMENTATION: DRILLS

BONE GRAFT DRILL

- The dimensions of the bone graft drill are geared to the diameter of the screws in order to facilitate their placement through the graft.
- Laser-engraved lines indicating the size and a 3 mm flange help to distinguish them from recipient site drill.

Characteristics PEG15 PEG17

Screws diameters (mm)	Drills diameters (mm)	Usables lengths (mm)	Sizes indicators	References
Ø 1.5	Ø 1.5	12	1 laserengra- ved line	PFG15
Ø 1.7	Ø 1.7	12	2 laserengra- ved line	PFG17

> ANCILLARY INSTRUMENTATION: DRILLS

RECIPIENT SITE DRILL

- > Drill geared to the minor diameter of screws.
- A thin (1 mm) flange distinguishes them from bone graft drill.



Screws diamete (mm)		Usables lengths (mm)	Sizes indicators	References
Ø 1.2	Ø 0.8	9	Flange (metal)	PFS08
Ø 1.5 Ø 1.7		12	Flange (black)	PFS11

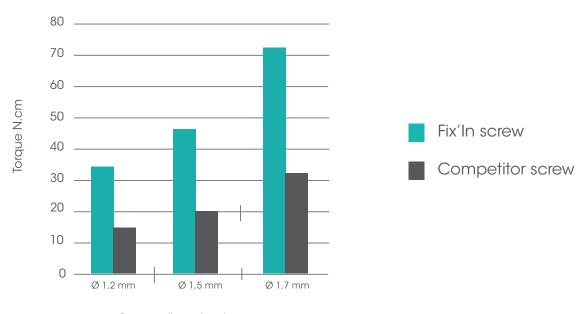


> RECOMMENDED TORQUE

Screws diameters (mm)	References	Maximum torques (N.cm)
Ø 1.2	PV12xx	33
Ø 1.5	PV15xx	46
Ø 1.7	PV17xx	72



COMPARISON OF THE MAXIMUM PERMISSIBLE TIGHTENING TORQUES



Screws diameters in mm

> ANCILLARY INSTRUMENTATION: SHAFTS



Description	Reference
Dental tip screwdriver handle	PMT

SCREWDRIVER AXIS

Screwdriver axis to pick up the screw directly from the holder.

Axis	Lengths (mm)	References	Suitables screws Ø
PAI A	30	PA1	Ø 1.2
PAIM (optional)	45	PA1M	
PAIL	60	PA1L	Ø 1.5
PA2	30	PA2	
PA2M (optional)	45	PA2M	Ø 1.7
PAZL PAZL	60	PA2L	

DRI	LLING SEQUENCES	Ø 1.2 mm	Ø 1.5 mm	Ø 1.7 mm
Axis	PAIM	Χ	Χ	
AXIS	PAZI PA			Χ
Bones grafts drills	CEPEG15		Χ	V
Recipients	PES08	Χ		X
site drills	CEPES11		Χ	X





