

LET'S
FIND OUT
WHY
ONLY
FIXO IS
fixo

fixo

is a one-piece implant with built-in multi-unit-abutment available with different angles, specifically designed and developed to make immediate loading faster, safer and easier

Why did we create **Fixo**?

Fixo was designed following the thorough listening of our customers' requests for solutions dedicated to **immediate loading**, with particular attention to the digital world.

We analyzed the **implant positioning process and the immediate loading prosthesis placement**, identifying all those intraoperative phases whose timing could be optimized. The potential complications in immediate rehabilitation procedures were examined from a dual perspective, surgical and prosthetic.

From this critical analysis we drew the idea of an implant system capable of reducing the times of your **immediate loading computer-guided and free-hand rehabilitations**.

Fast

Reduced operation time
and better patient's comfort

- No mua screwing
- No bone mill drilling
- No implant-abutment connection radiological check



Fixo features an **inbuilt multi-unit-abutment** and represents the ideal solution for immediate loading rehabilitation protocols.

The lack of implant-abutment connection, the anatomical shape of the collar and the reduced dimensions of the shoulder allow to:

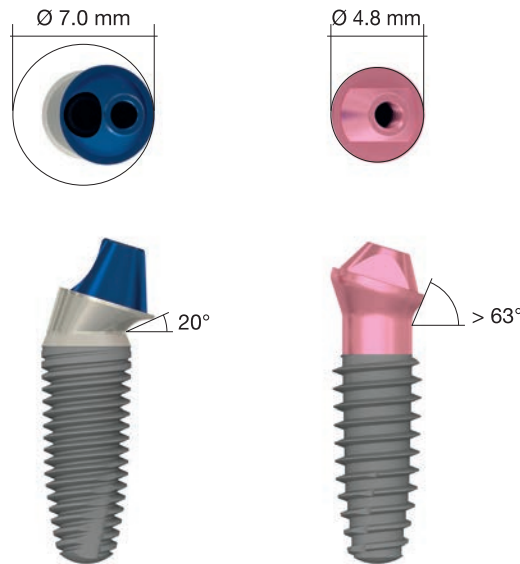
- avoid the use of bone mill drills, preserving the available bone quantity
- avert the multi-unit-abutment screwing procedure, particularly difficult in the lateral posterior areas
- bypass the radiological check of the implant-MUA connection

This results in great simplification of the Clinician's activity, with significant reduction of the operational time, also improving the patient's comfort.

Safe

One-Piece implant with integrated multi-unit-abutment

- No micromovements and no bacterial infiltrations
- Anatomical collar design for a better soft-tissues management
- Wider and deeper thread to increase the prosthetic screw tightening torque



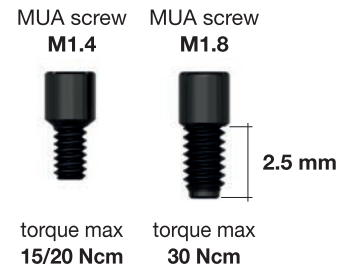
The **absence of the implant-abutment connection** ensures that bacterial infiltrations and micro-movements cannot occur, while the **shoulder** of the built-in MUA platform measures only **4.8 mm** instead of 7.0 mm.

These features **reduce the invasiveness** of the implant placement and favour optimal soft tissue healing.

The pink collar harmonizes perfectly with the surrounding soft tissues.

The anatomical design of the MUA prevents pathogenic plaque building, one of the primary intrinsic factors for the onset of peri-implant inflammations.

The prosthetic connection screw of **Fixo** can be tighten up to **30 Ncm**, thanks to its **oversized diameter 1.8 mm** per 2.5 mm long connecting screw. This avoids the possible unscrewing or breakage of the small thread screw of 1.4 diameter, traditionally used in multi-unit-abutments.



Easy

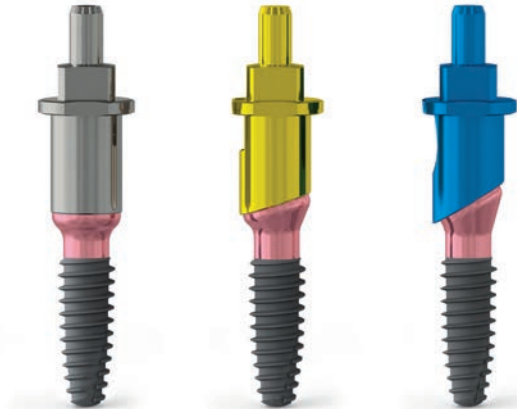
Usable both in guided and traditional surgery

- Easy identification of the angle thanks to the colour coded pre-assembled mounter
- Perfect angled placement in guided surgery with dedicated sleeve
- Specific tools to improve freehand implant tunnel creation

Fixo can easily be used with the most common **guided surgery** systems, thanks to its unique design that allows the surgeon to always work axially despite the MUA angulation.

Fixo fits into the standard diameter 5 mm surgical sleeves thanks to the reduced diameter of its MUA.

The dedicated sleeve features a **notch** whose position is **digitally planned**, ensuring the perfect final orientation of the abutment and facilitating the mounter extraction.



Fixo represents an ideal option also for **free-hand approaches**. The surgical kit contains **colour-coded pins** to determine the best angulation of the MUA and its collar height. A specific drilling guide is provided to correctly orientate the implant site.

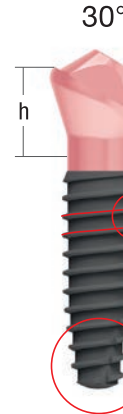
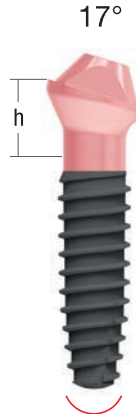
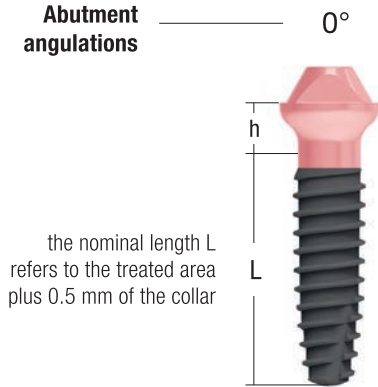
Fixo

**a complete
system of
solutions at
your service**

FIXO

ONE-PIECE IMPLANT FOR IMMEDIATE LOADING

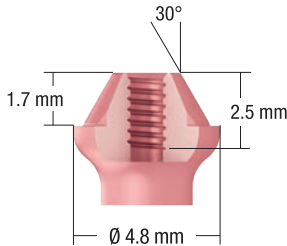
Abutment angulations



Thread pitch 0.9 mm

Cuttings
self-tapping lateral helicoidal

Rounded apex prevents the risk of tissues damage, also in case of sinus lifting



The thread of the **prosthetic screw** is **M1.8** (instead of the M1.4 regular two-stage solutions). This allows the prosthetic components tightening with a **torque of 30 Ncm**.

MORPHOLOGY

one-piece implant
chamfer diameter **4.8 mm**
chamfer heights: SHORT and LONG

THREAD

single start thread

COLOUR CODING

0° Grey - 17° Yellow - 30° Blue

FIXO 0° SHORT - collar h 2 mm

	D. 3.5	D. 4.0	D. 4.5
L. 7.0		●	●
L. 8.5	●	●	●
L. 10.0		●	●
L. 11.5	●	●	●
L. 13.0	●	●	●
L. 15.0	●	●	●
L. 17.0		●	

FIXO 17° SHORT - collar h 2 mm

	D. 3.5	D. 4.0	D. 4.5
L. 7.0		●	●
L. 8.5	●	●	●
L. 10.0	●	●	●
L. 11.5	●	●	●
L. 13.0	●	●	●
L. 15.0	●	●	●
L. 17.0		●	

FIXO 30° SHORT - collar h 3 mm

	D. 3.5	D. 4.0	D. 4.5
L. 7.0			
L. 8.5			
L. 10.0	●	●	●
L. 11.5	●	●	●
L. 13.0	●	●	●
L. 15.0	●	●	●
L. 17.0		●	

FIXO 0° LONG - collar h 3 mm

	D. 3.5	D. 4.0	D. 4.5
L. 7.0			
L. 8.5			
L. 10.0	●	●	●
L. 11.5	●	●	●
L. 13.0	●	●	●
L. 15.0	●	●	●
L. 17.0			

FIXO 17° long - collar h 3 mm

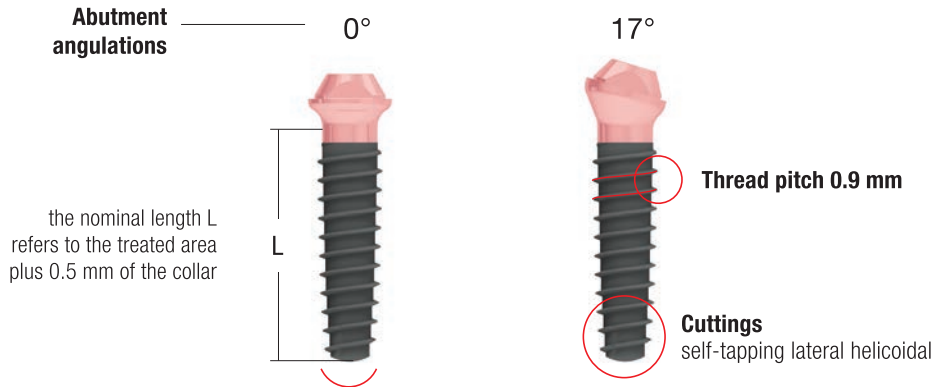
	D. 3.5	D. 4.0	D. 4.5
L. 7.0			
L. 8.5			
L. 10.0	●	●	●
L. 11.5	●	●	●
L. 13.0	●	●	●
L. 15.0	●	●	●
L. 17.0			

FIXO 30° LONG - collar h 4 mm

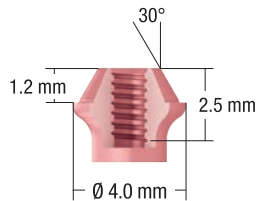
	D. 3.5	D. 4.0	D. 4.5
L. 7.0			
L. 8.5			
L. 10.0	●	●	●
L. 11.5	●	●	●
L. 13.0	●	●	●
L. 15.0	●	●	●
L. 17.0			

FIXO MINI

ONE-PIECE IMPLANT IDEAL FOR AESTHETIC SECTORS



Rounded apex prevents the risk of tissues damage, also in case of sinus lifting



The chamfer diameter of the integrated multi-unit-abutment (0° and 17°) is only **4.0 mm**: Fixo Mini is ideal for the treatment of the **atrophic** ridges and for the high value **aesthetic** zone. The special shape does not affect the mechanical resistance and allows to use a **M1.8** prosthetic screw tightened to **30 Ncm**.

MORPHOLOGY
one-piece implant
chamfer diameter **4.0 mm**
chamfer height: SHORT

THREAD
single start thread

COLOUR CODING
0° Grey - 17° Yellow

FIXO 0° SHORT
collar h 2 mm

	D. 3.0	D. 3.5
L. 8.5		●
L. 10.0	●	●
L. 11.5	●	●
L. 13.0	●	●
L. 15.0		●

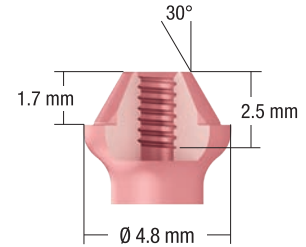
FIXO 17° SHORT
collar h 2 mm

	D. 3.0	D. 3.5
L. 8.5		●
L. 10.0	●	●
L. 11.5	●	●
L. 13.0	●	●
L. 15.0		●

PTERYGOID IMPLANT

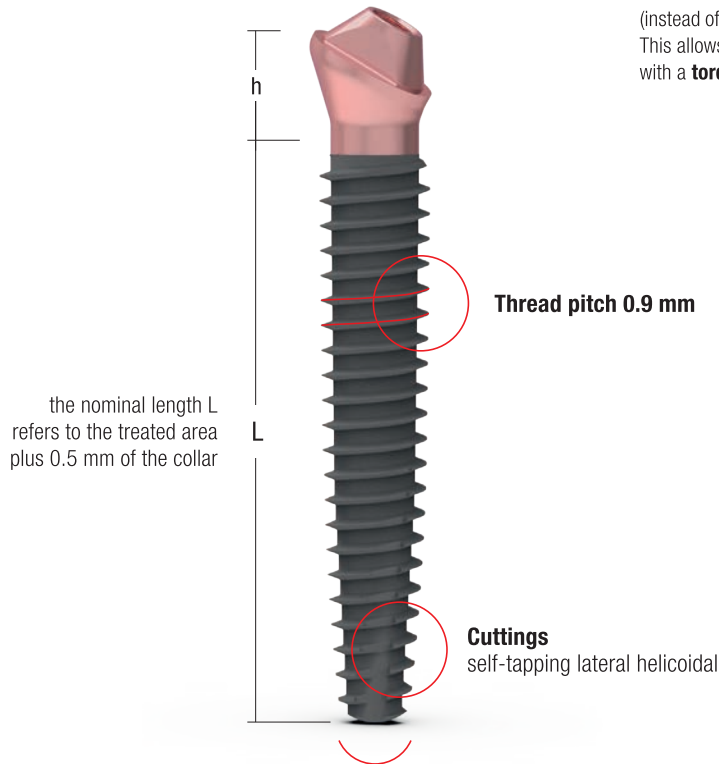
AVAILABLE ALSO FOR COMPLEX

ANCHORAGE REHABILITATIONS



Abutment
angulations

30°



the nominal length L
refers to the treated area
plus 0.5 mm of the collar

Thread pitch 0.9 mm

Cuttings
self-tapping lateral helicoidal

Rounded apex prevents the risk of tissues damage

MORPHOLOGY

one-piece implant
chamfer diameter **4.8 mm**
chamfer height: SHORT

THREAD

single start thread

COLOUR CODING

30° Blue

Diameter Collar Length

- 4.0 mm Short h 3 mm 19.0 - 21.0 - 23.0 - 25.0 mm

ZYGOMATIC IMPLANT
THE FEATURES OF FIXO
ALSO FOR SEVERE
JAW ATROPHY CASES

Angled abutment 52°

zygomatic one-piece implant with a built-in abutment ideal for most of the clinical scenarios (range 45° - 60°)
no need of radiological check of the implant-abutment connection, no micromovements, no bacterial infiltrations
easy to use thanks to the direction guide (screwdriver indicator)

Coronal microgrooves
for bone stability

Flat design

minimises soft tissue dehiscence risk and optimises soft tissues response

Pink-anodized surface

reduces aesthetic discrepancy in case of gingival recession

Enlarged coronal section
better retention

Thread pitch 0.9 mm

fast though controlled implant placement

Conical shape, zygomatic anchorage 15 mm
for maximised retention in the zygomatic bone

MORPHOLOGY

integrated abutment height **4.38 mm**
truncated cone shape of the implant core **from 2.00 to 3.20 mm**
starting diameter of the drills **2.00 mm**

THREAD

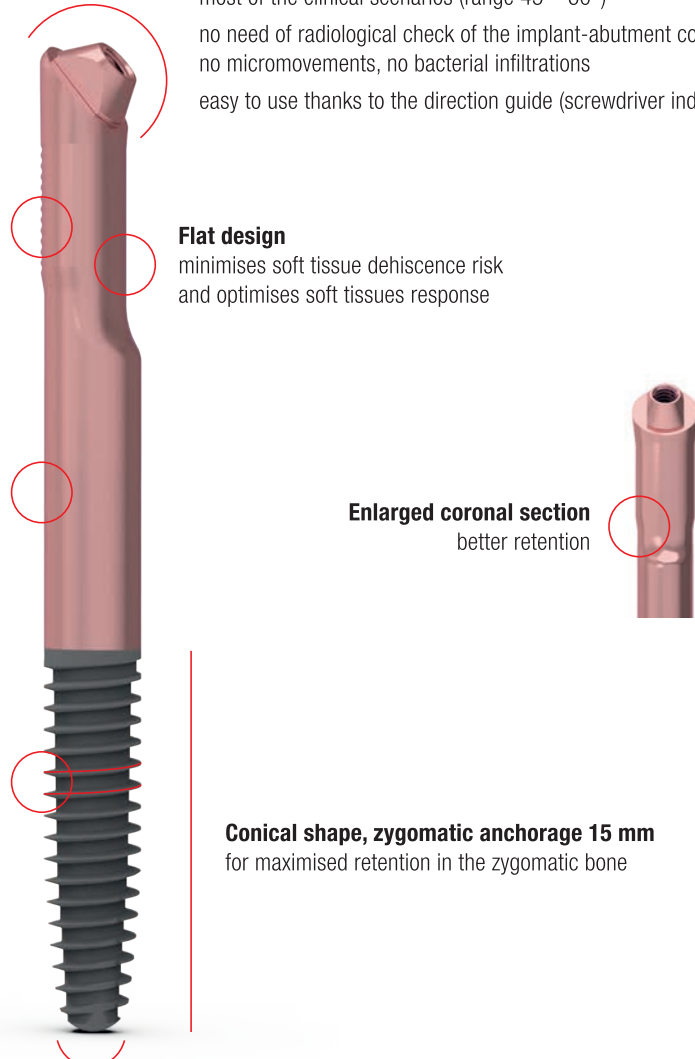
single start thread

Diameter **Lengths**

4.0 mm	30.0 - 32.5 - 35.0 - 37.5 - 40.0 - 42.5 - 45.0
	47.5 - 50.0 - 52.5 - 55.0 - 57.5 - 60.0 mm

Rounded apex

reduces complications in case of zygoma perforation



Would you like to exploit the exclusive features of the Fixo system but don't want to change your work habits with **two-piece implants**?

You can do it!

choose the conical connection implant that best suits you:
PSK micro MDK medium PSK normo

place it with reduced disparallelism:
FIXO LINK transforms your conical connection implant into a **single-piece** one

FIXO LINK

Platform
MINI

| Ø 4.0 |



MINI Conical Connection

Platform
MINI

| Ø 4.0 |



Platform
STANDARD

| Ø 4.8 |



Platform
LARGE

| Ø 6.0 |



STANDARD Conical Connection



PSK micro

	D. 3.00	D. 3.50	D. 4.00	D. 4.50	D. 5.00
L. 7.0			•	•	•
L. 8.5		•	•	•	•
L. 10.0	•	•	•	•	•
L. 11.5	•	•	•	•	•
L. 13.0	•	•	•	•	•
L. 15.0	•	•	•	•	•



MDK medium

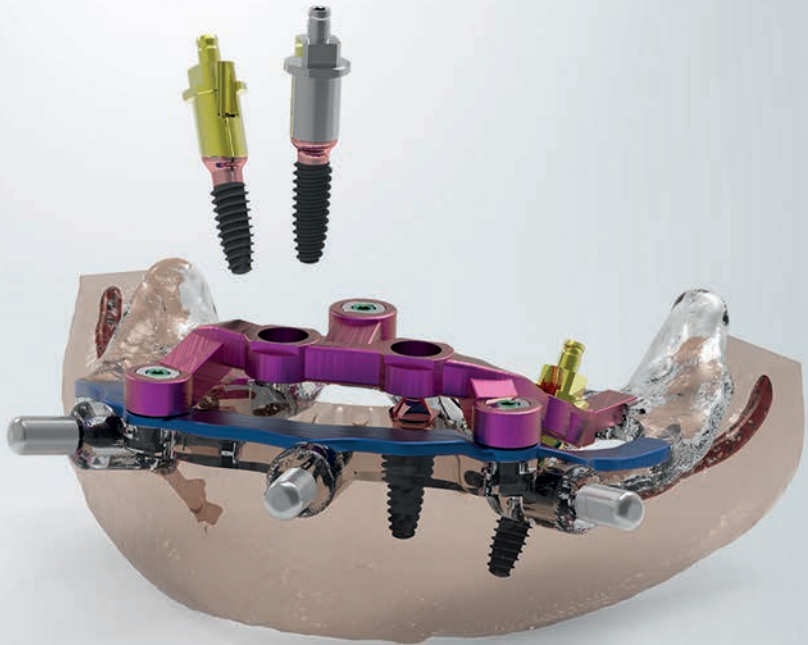
	D. 3.00	D. 3.75	D. 4.25	D. 5.00
L. 7.0			•	•
L. 8.5		•	•	•
L. 10.0	•	•	•	•
L. 11.5	•	•	•	•
L. 13.0	•	•	•	•
L. 15.0	•	•	•	•



PSK normo

	D. 3.50	D. 4.00	D. 4.50	D. 5.00
L. 7.0		•	•	•
L. 8.5		•	•	•
L. 10.0	•	•	•	•
L. 11.5	•	•	•	•
L. 13.0	•	•	•	•
L. 15.0	•	•	•	•
L. 17.0		•	•	•
L. 20.0		•	•	•

Guided Surgery:
Fixo and Pcube
perfect match



For Fixo - Fixo Mini - Fixo Pterygo implants

tooth-supported
index
base guide



guide for
implant
placement



guide for
provisional
placement



3D VIDEO:



- a reliable protocol for the **management of PROSTHETICALLY guided surgery**
- **small size** for functional surgical management (flaps, irrigation, visibility, osteotomy)
- combination of **materials** (biocompatible and certified) and **production technologies** (3D printing and milling) to optimize **mechanical performance**



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