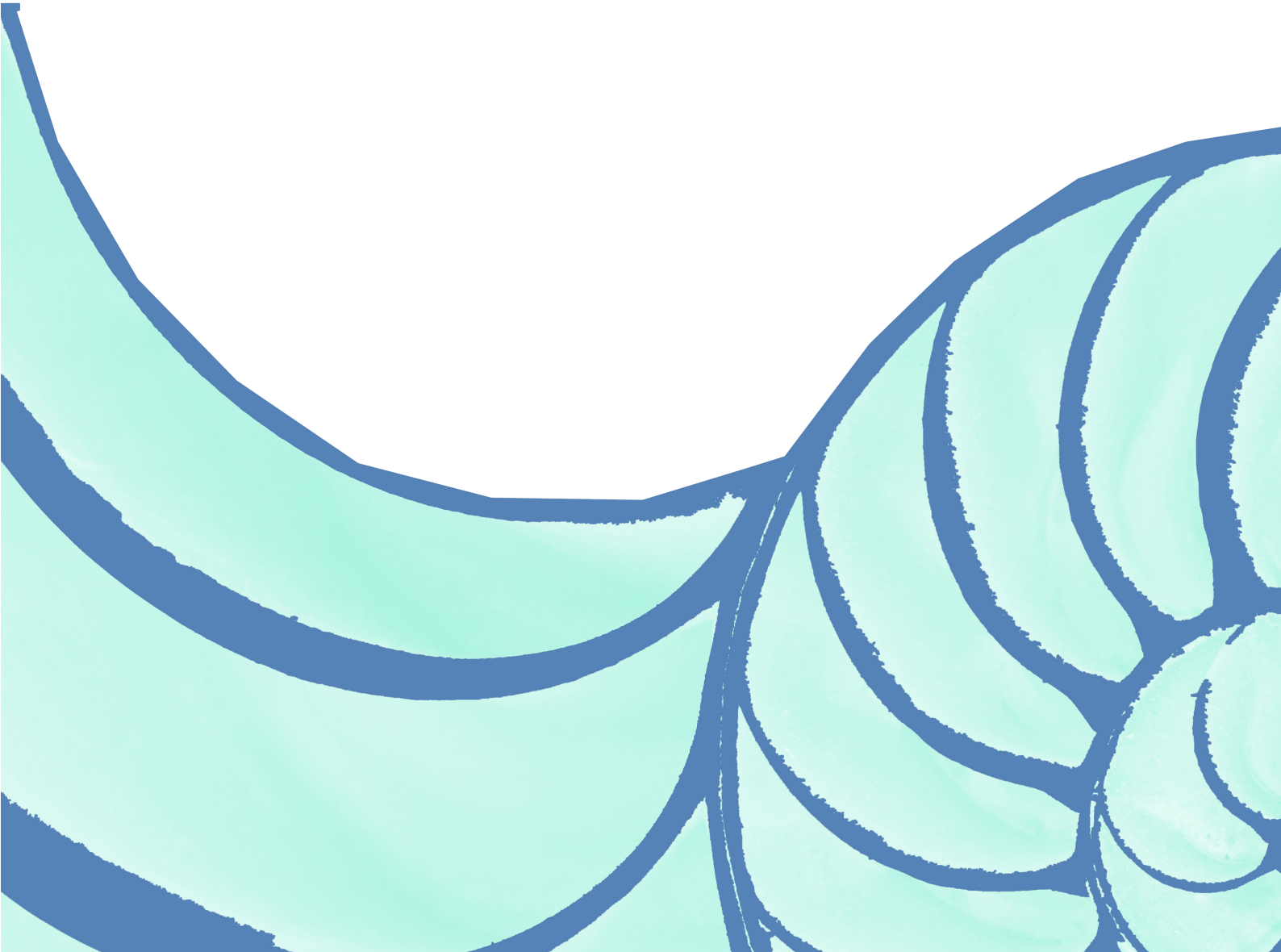




MPI Orthodontic[®] Systems

Aligning your future



The main function of the mini-implants is to support orthodontic systems as an anchoring point. These systems avoid transmitting unwanted reaction forces to the adjacent teeth. As each treatment is different, MPI offers to type of mini-implants, which are available in different diameters and lengths.

MPI Orthodontic® mini-implants do not require previous preparation of the bone bed. Its self-drilling design allows insertion without the need for a preliminary hole. The self-tapping tip ensures an easy and secure insertion.

The thread design improves tensile strength and ensures excellent primary stability, enabling to load the mini-implants immediately without waiting for a healing phase. The quality of the anchorage is granted through the optimized distance of the threads. The head design is suitable for the use with all types of wires commonly used in orthodontics.

Without surface treatment, mini-implants do not osseointegrate and favor easy removal after treatment.

Manufactured in cold-formed Grade IV Titanium, they provide an unmatched purity, as well as ideal mechanical parameters and an unsurpassed elastic behavior.

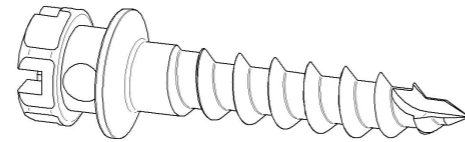
All mini-implants are supplied sterile to facilitate the workflow of the medical professional.



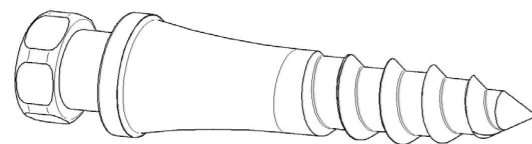
Dimensions

Mini-Implant Orthodontic (MIO)

Length (mm)	MIO	Diameter (mm)	
		Ø 1,6	Ø 2
6		Coming soon	
8		MIO168	MIO28
10		MIO1610	MIO210
12		Coming soon	



Mini-Implant Distal (MID)



Length (mm)	MID	Diameter (mm)	
		Ø 2	Ø 2,2
8		MID28	MID228
10		MID210	MID2210
12		MID212	MID2212

Instrumental



Universal manual handle	MII001
Manual handle connector hexagonal 2,5 mm	MII002
Manual handle connector cross-head	MII003
Hand piece connector hexagonal 2,5 mm	MII004
Hand piece connector cross-head	MII005
Lance drill	LD3710

MPI Orthodontic® Systems

MPI Orthodontics® mini-implants adapt to each type of orthodontic treatment. MPI offers two types of state-of-the-art mini-implants in order to cover all treatments:

- Orthodontic (MIO) and
- Distal (MID).

Distal Mini-Implant Coronal Design

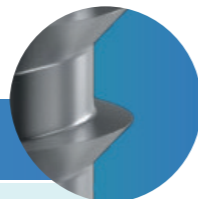
Hexagonal head that avoids irritation in the soft tissues of the mouth. Threadless mucosa collar for optimal adaptation to the gingiva.

Neck designed for optimal adaptation of the gum.



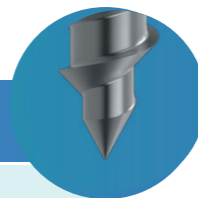
Thread System

The design of the threads improve tensile strength and guarantees excellent primary stability; being able to load immediately without a healing phase and favoring the quality of the anchorage.



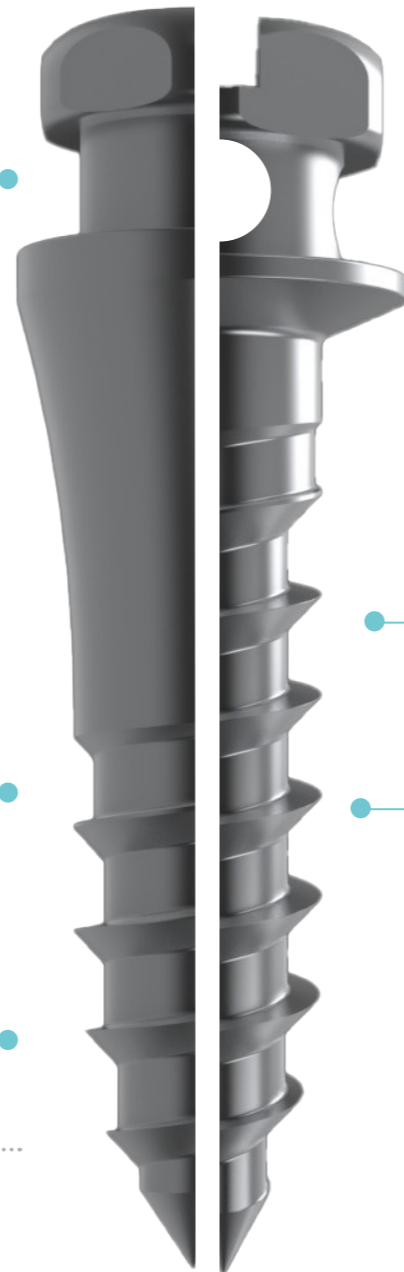
Apical Design

Its self-drilling and self-tapping tip design facilitates its insertion, avoiding the need for pre-drilling.



MINI-
IMPLANT
DISTAL

MINI-
IMPLANT
ORTHODONTIC



Orthodontic Mini-Implant Coronal Design

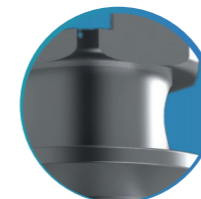
Its hexagonal geometry with grooves, allows the insertion of dental arches and their fixation with metal ligatures.

1 mm diameter hole can be used with different orthodontic elements, such as elastic thread, back ligatures, etc.



Polished Surface

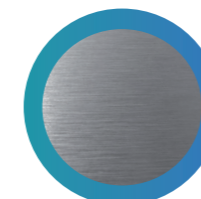
Superficially polished MPI mini-implants do not osseointegrate, favoring their removal after treatment.



High Performance Titanium

The structure of the mini-implants is reinforced by the use of cold-formed Grade IV Titanium of German origin.

The quality requirements established by MPI increase the resistance of the material by 20% compared to conventional Grade IV Titanium, to obtain greater tensile strength and withstand load transmission.



Packaging Opening Instructions

International Implantable Product Card

Designed for easy identification of each implant. According to the color of the cardboard box, we can find:

- Blue-green packaging: MPI Orthodontics® System



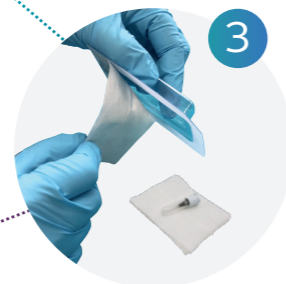
The mini-implant is packaged in a blister, protected by a decorative cardboard. The instructions for use and the international implantable product card are attached.



1 Remove the blister from the cardboard box. Check that the blister and the label are intact and that the irradiation label is red.



2 Remove the Tyvek® from the blister. Reserve patient labels for the patient history and international implantable product cards.



3 Deposit the dental mini-implant on a sterile surface.



4 Remove the white cap from the tube.



5 Remove the mini-implant using the transporter and place according to surgical criteria.

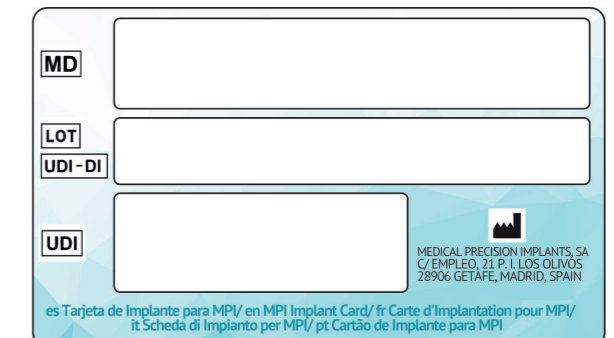
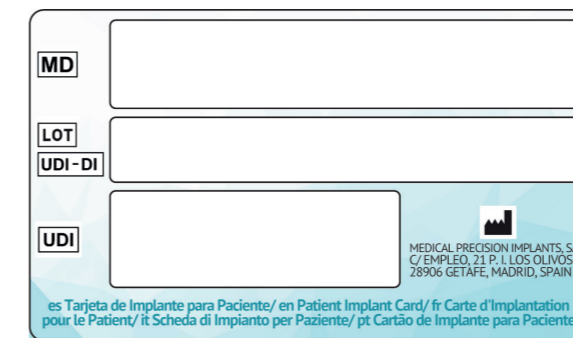
MPI will deliver with each of its implantable products, an international implantable product card.

This card contains the following pre-printed information:

- MD: Medical device to which the card belongs
- UDI: Unique product identifier.

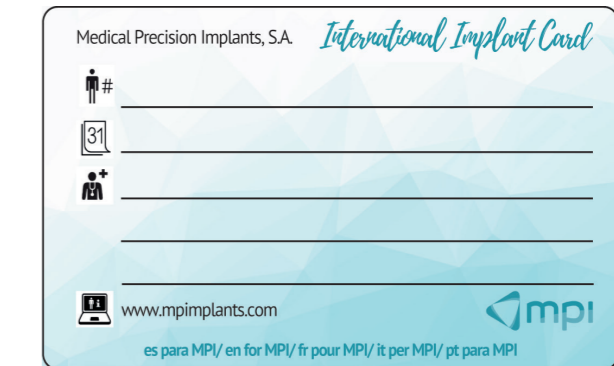
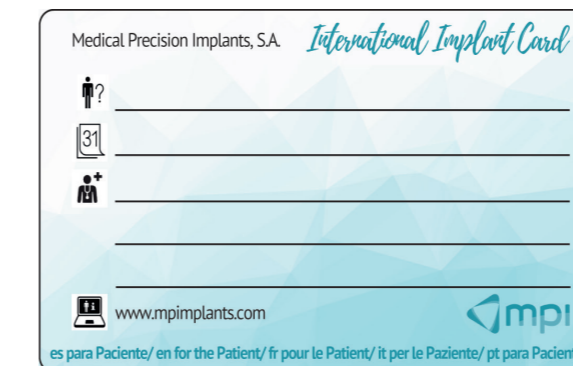
The user must stick a patient label (included on the product label) on each of the two boxes identified with:

- LOT / UDI-DI.



On the back of the card, the user must fill in the following information with the patient's information:

- Patient name (Patient ID)
- Record number (Patient number)
- Implementation date
- Name of the medical care center.



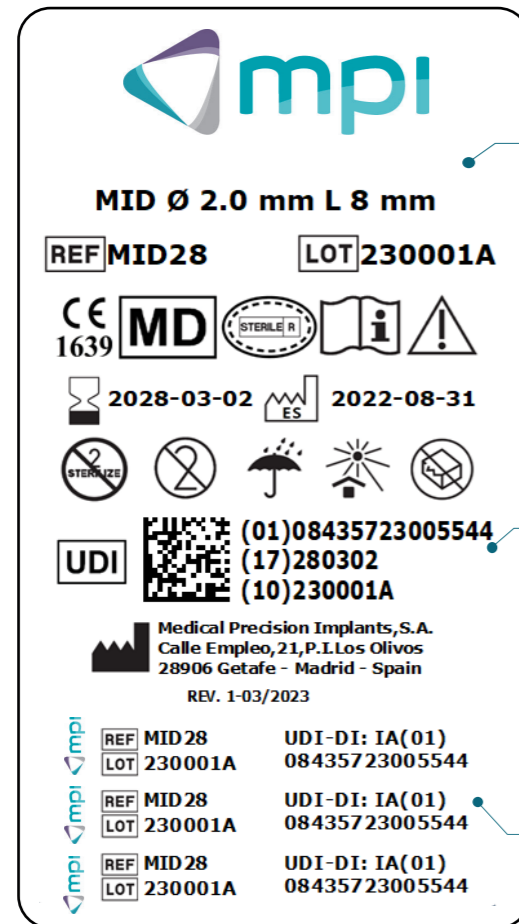
The international implantable product card marked with:

- "for the Patient", must be given to the patient and
- "for MPI", must be returned to MPI by the medical care center.

Label Symbolology

Quality and General Conditions of Sale

Label:



Mini-implant description and dimensions are indicated:

- MIO: Mini-implant Orthodontic
- MID: Mini-implant Distal

UDI - DataMatrix

- (01) UDI-DI
- (17) Expiration date (YYMMDD)
- (10) Batch number

Patient labels indicating reference, batch code and UDI-DI.

Quality

To ensure the most demanding quality standards, we have equipped our metrology laboratory with qualified personnel and state-of-the-art measuring instruments. Thanks to demanding quality controls, we have achieved a success rate of over 99%. The "Zero defects" policy is our fundamental basis for the quality of our products and the satisfaction of our customers.

MPI is certified with:

- ISO13485:2016
- UNE166002:2021

Orders

Telephone: +34 91 684 60 63

E-mail: pedidos@mpimplants.com

Shipment and verification of products

For orders over 150€, the products will be sent free of charge.

Once the order is received, the user should check the order and products.

If there should be any deviation in the order, please contact us as soon as possible.

Symbology:

	Manufacturer.
	Country of manufacture with the two-letter country code defined in the Standard ISO 3166-1. The date of manufacture can be added adjacent to the symbol.
	Batch code.
	Catalogue number.
	Keep away from sunlight.
	Do not re-use.
	Do not resterilize.
	Keep dry.
	Consult instructions for use.

	Caution.
	UDI-DI Data matrix: (01) UDI-DI (17) Expiration date (YYMMDD) (10) Batch number.
	CE symbol with the notified body number 1639.
	Use by date.
	Sterilized using irradiation. Single sterile barrier system with protective packaging inside.
	Unique Device Identification.
	Medical Device.
	Text language.
	Do not use if package is damaged and consult instructions for use.

Return policy

The maximum return period is 15 days from the date of issuance of the delivery note. Changes will not be accepted once the material has been opened and used or its packaging is not in perfect condition.

Returns of unsuccessful materials will not be accepted after 2 months after the cause.

Payment method

Direct debit / cash on delivery (additional cost).



For more information:
☎ +34 916 846 063
www.mpimplants.com