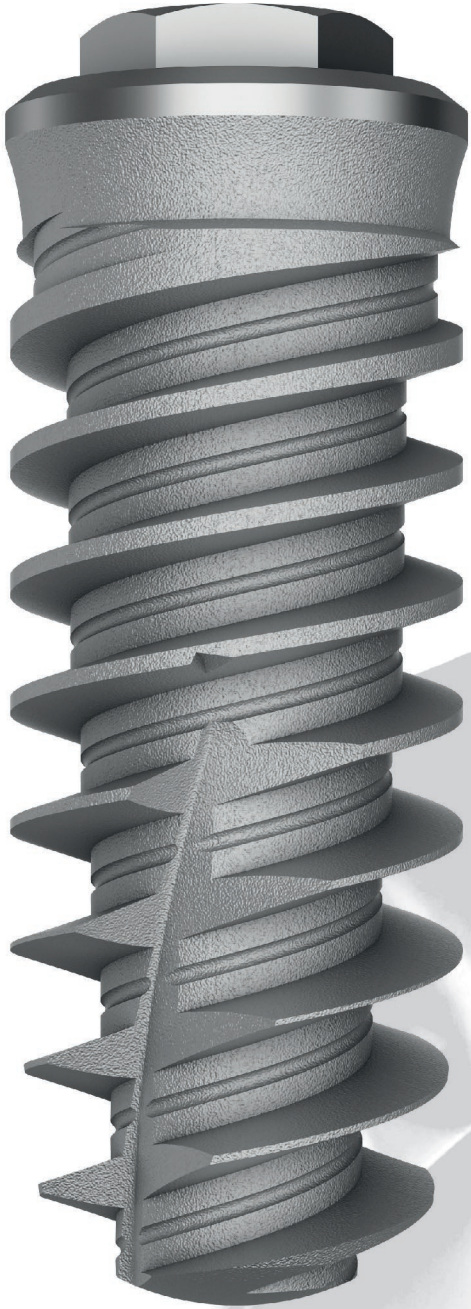


PHE Lines

RADHEX

IMPLANTS

PHE Lines

CONNECTIVITY:

ES = Ø3.50 = Plat. Hex. External Ø3.50 mm / Type Bränemark System NP

EM = Ø4.10 = Plat. Hex. External Ø4.10 mm / Type Bränemark System RP

Based on a manufacturing philosophy, which has Quality and Safety as its pillars, at **Radhex Implants®** we have focused on the basic concepts, the most practical, the most useful, the most effective to guarantee the success of a dental implant, and we have transferred them to our product.

It is within this spirit, in which each element of the design of our products moves, and therefore also, our PHE lines, bringing to the hands of the surgeon, a state-of-the-art, self-tapping and stable implant body.

An implant designed for the professional who prefers external inserts with the efficiency and safety that can be provided by the platform of European origin, originally designed by Dr. Prof. Per Ingvar Bränemark, surely the most widely spread internationally, and equipped with a simple, safe and excellent prosthetic handling, together with a body of innovative design.

A multipurpose implant, always with the PHE line platform. Compatible in its two platform diameter versions:

PHE 350: A restricted diameter connection for 3.50 mm diameter implants.
PHE 410: Probably the most experienced connection in the world, for implants with a diameter of 3.50mm up to 5.00mm
.
Composition: Made of Pure Grade 4 Titanium. Suitable for all clinical situations.

Design and quality are the backbone of the **Radhex Implants®** System that is simply
SAFETY and PRACTICALITY.

PHE Implants

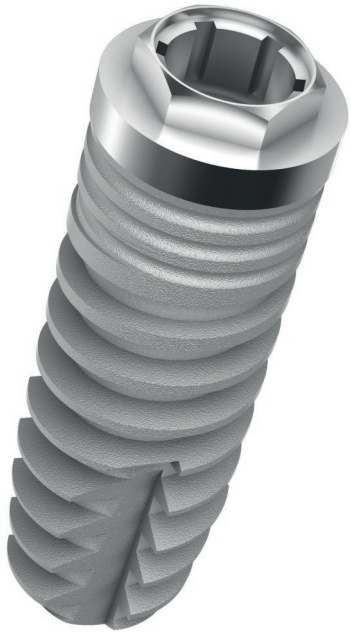
RADHEX®

PHE 350 Type

RADHEX®

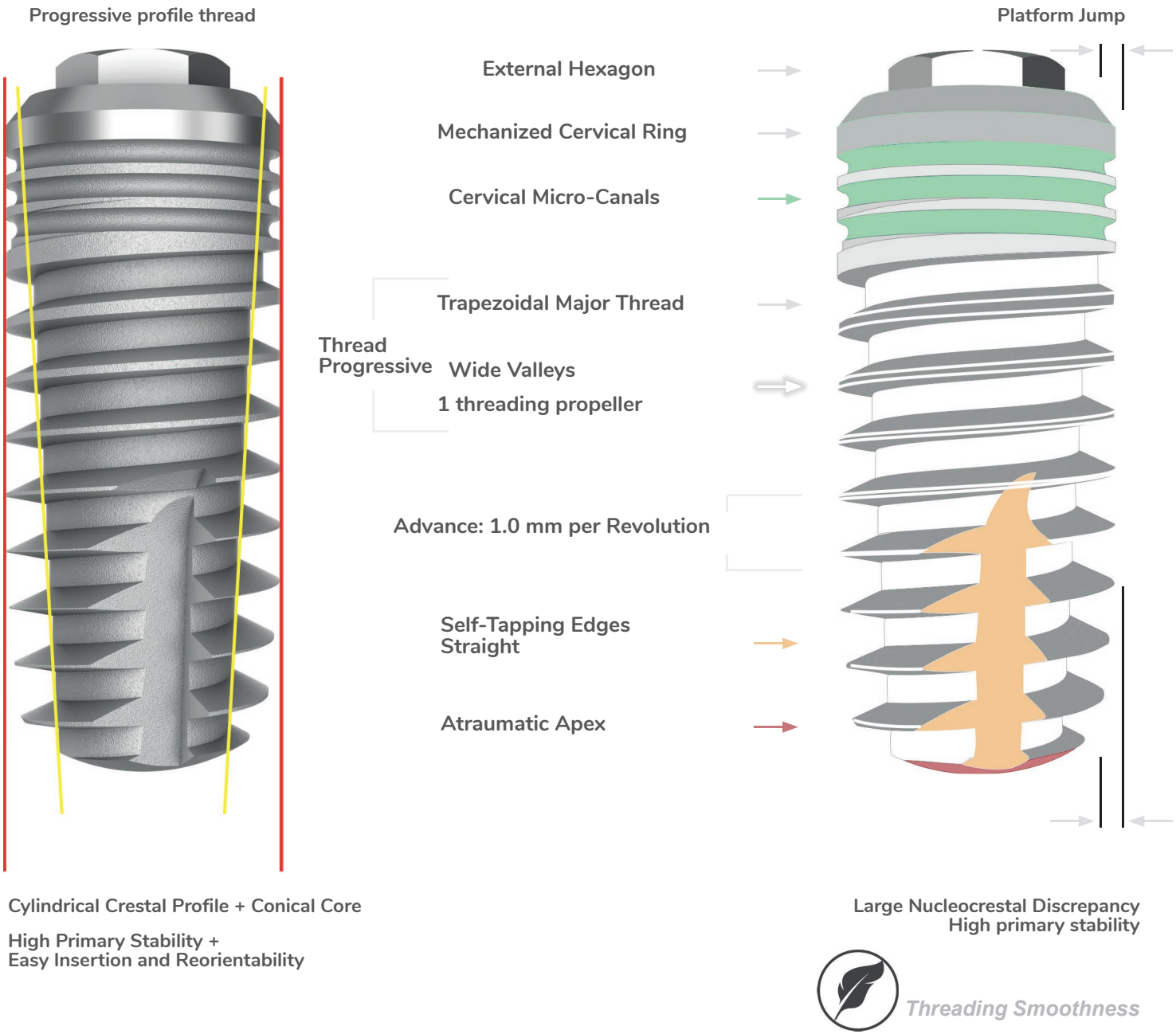
PHE 410 Type

RADHEX®



- PHE External Hexagonal Connection.
- Subtractive Bone-link Surface Treatment
- Application of torque inside the implant, so as not to deform the external hexagonal connection.
- Cervical ring, with machined surface finish, 1 mm.
- Platform switching availability.
- Helix threads, with a progressive profile, conical central core and cylindrical bestiary profile.
- Straight design self-threading apical fronts.
- Generically indicated for all types of Bones.
- Especially indicated for high bone density, (especially for type I and type II).
- Milling speed: 500 to 800 rpm.
- Insertion speed: 50 rpm.
- Container with double protection vial.
- Maximum protection and easy handling.
- Includes closing cap.

Technical Data Scheme



Indication

General indication for all types of cases, presenting optimal behavior in Type I and Type II Bones. (Leckholm et Zarb).

PHE350: External Hexagonal Platform Implants Ø 3.50. ES Connection Code.

Available Diameters and Lengths

SCALE 1.5:1

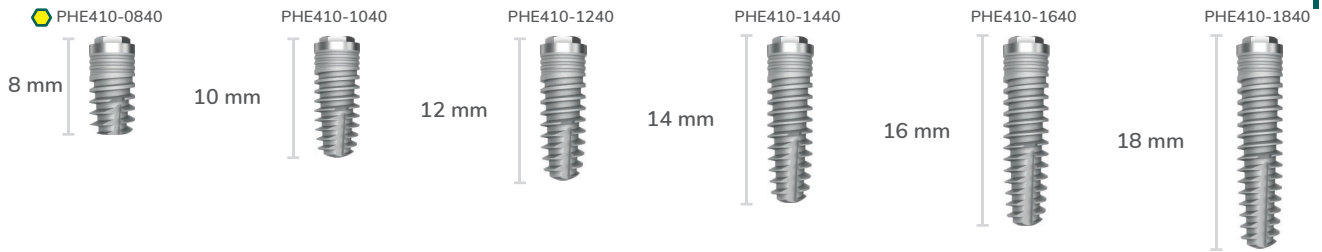
Ø 3.50

PHE410: External Hexagonal Platform Implants Ø 4.10. EM Connection Code.

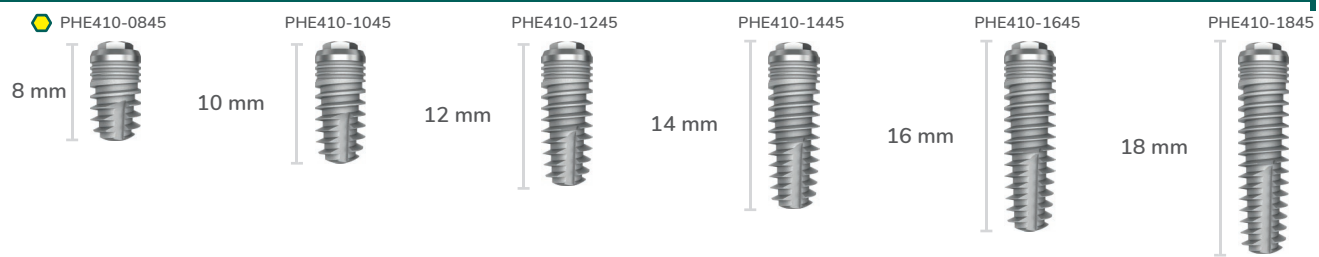
Available Diameters and Lengths

Ø 3.50

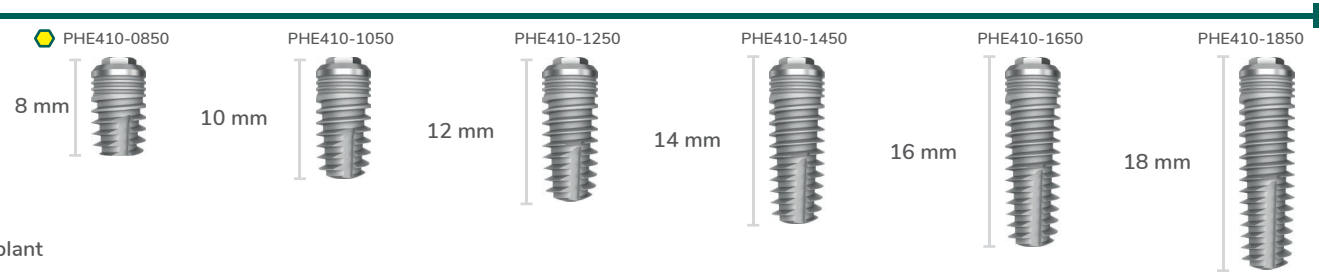
Ø 4.00



Ø 4.50

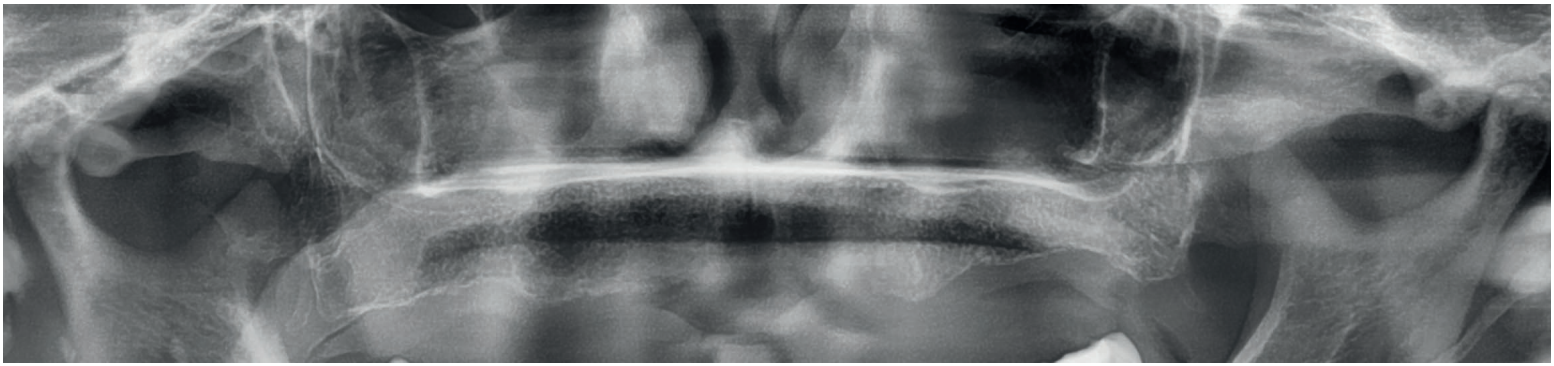


Ø 5.00



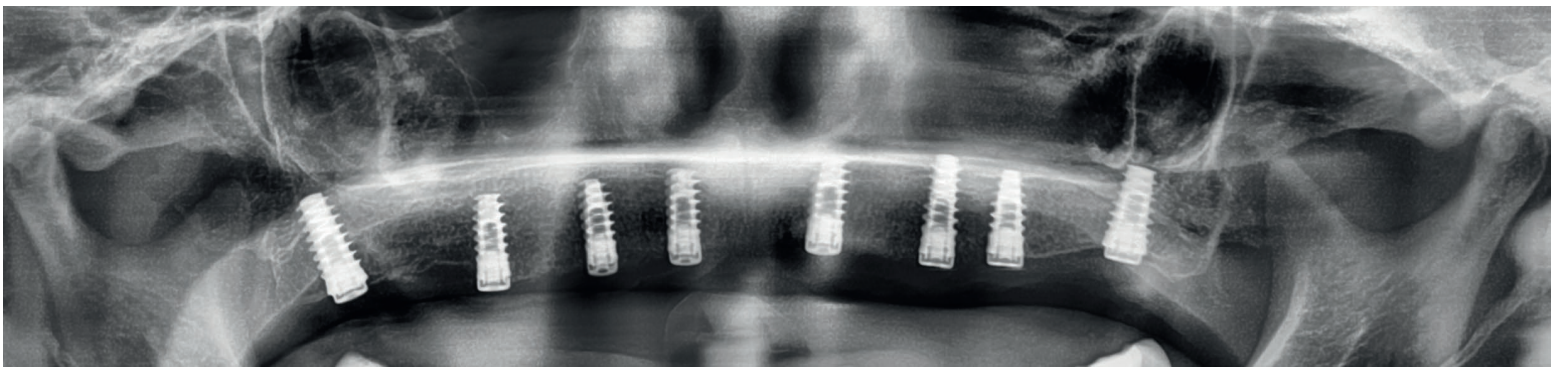
Short Implant

RADHEX
IMPLANTS



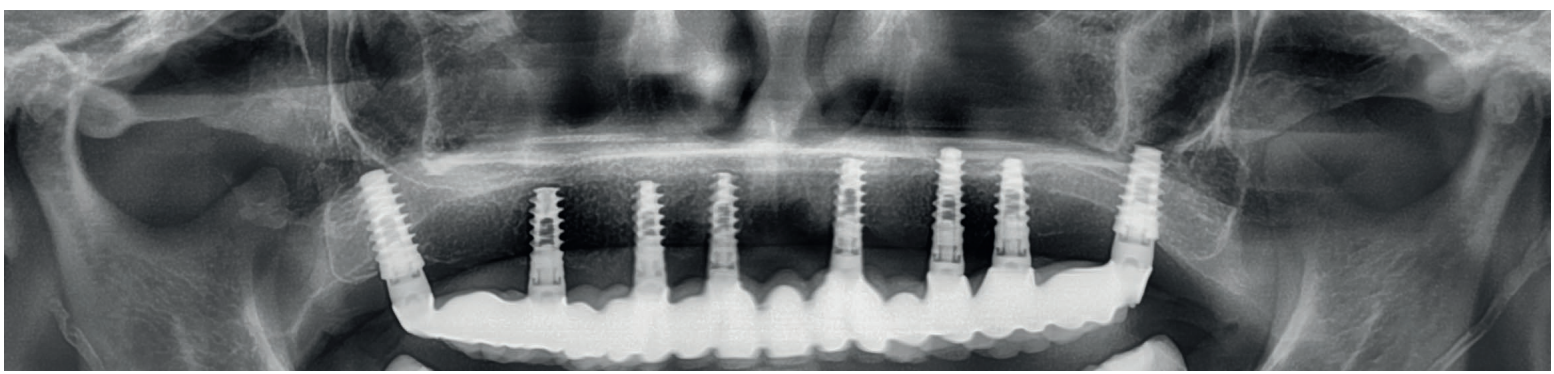
PREVIOUS UPPER MAXILLARY REHABILITATION

Clinical Case Description: Female Patient, 62 years old, without significant observations in general health, with completely toothless upper jaw, presenting atrophic bestiary bone with a sinuous and irregular profile. An implant-supported oral rehabilitation solution is proposed, with ceramo-metallic crowns, on 8 Radhex brand implants, model PHEA.



INSERTION OF 8 IMPLANTS MODEL PHEA410

Surgical technique: Placement of 8 osteo-integrated implants, model PHEA 410, with their corresponding healing caps provided with the implant. The technique is developed through linear opening with a mucosal periosteal flap, over the center of the maxillary crest, to the distal ends. Detachment of the flap and insertion of the implants, positioning their connection at the level of the turbinate horizon.



PORCELAIN REHABILITATION ON SUPERIOR METAL

Prosthetic Rehabilitation: full arch structuring of screw-retained fixed prosthesis, on 8 PMU, multi-unit transepithelial abutments from the Radhex brand, with anatomical, progressive emergence profile and minimal invasiveness to soft tissues, to ensure maximum protection of the gingiva in the long term. term. Radiographic image after 6 years of operation of the structure.

* Courtesy of CDIH dental center

PHEA Lines

CONNECTIVITY:

ES = Ø3.50 = Plat. Hex. External Ø3.50 mm / Type Bränemark System NP

EM = Ø4.10 = Plat. Hex. External Ø4.10 mm / Type Bränemark System RP

At **Radhex Implants®** we are aware of the practical value and evident restorative comfort of the external hexagonal connection designed by Prof. Dr. Per Ingvar Bränemark.

At the same time, we have felt the obvious need to maintain this type of connection, linked to a macro-geometry body of technological and current design. This and no other is the reason for the birth of our PHEA lines, made up of implants with a body design designed for High Stability, even in low-density bones.

Those who know implantology in depth, and have experience, understand the difficulties they can offer, the different topographical and structural situations of the jaws.

For this reason, they especially value a design that responds to extreme situations, where bone quality requires high stability designs.

This is the concept on which the PHEA line is based, an implant with a body designed for High Stability, even in low-density bones and always, with the platform, of the PHE Compatible line:

PHEA 410: High stability of prosthetic seat, for implants with a diameter of 3.50 mm; 3.75mm; 4.00mm; 4.50mm; 5.00mm and 6.00mm.
Composition: Made of Pure Grade 4 Titanium.
Suitable for all clinical situations, and especially indicated if there is low bone density, or irregular bone topography.

Practicality is the backbone of the **Radhex Implants®** System.

PHEA Implants

RADHEX®

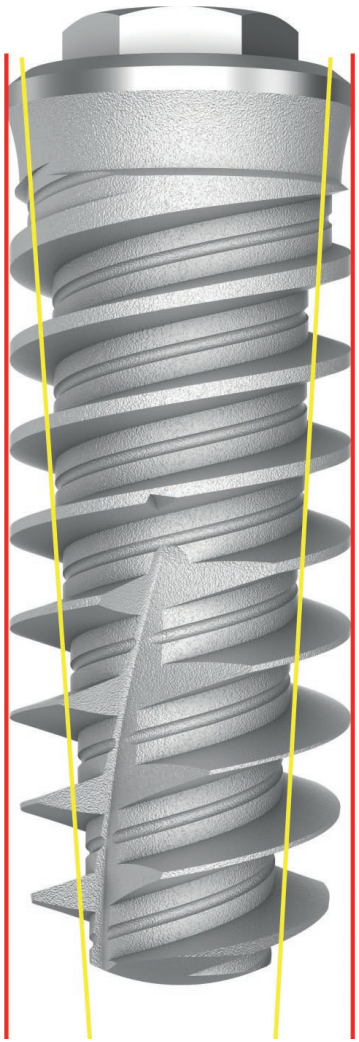
PHEA 410 Type

RADHEX®

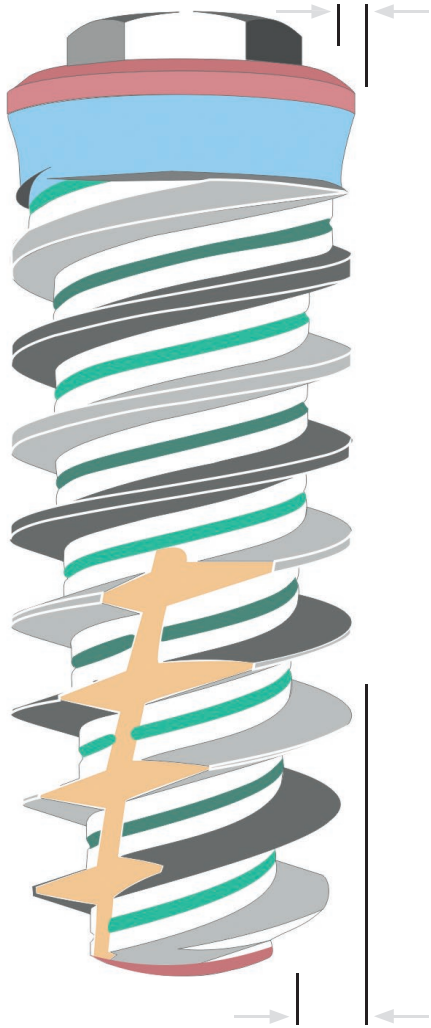
- PHE External Hexagonal Connection.
- Bone-link subtractive surface treatment.
- Cervical ring, with 0.5 mm machined surface finish.
- Platform switching availability.
- Double Helix threads, with progressive profile, conical central core and cylindrical bestiary profile.
- Self-threading apical fronts of helical design.
- Generically indicated for all types of Bones.
- Especially indicated where high primary stability is required (especially for type III and type IV).
- Milling speed: 500 to 800 rpm.
- Insertion speed: 25 rpm.
- Container with double protection vial.
- Maximum protection and easy handling.
- Includes closing cap.:

Technical Data Scheme

Progressive profile thread



Platform Jump



Mechanized Cervical Profile

Smooth Concave Profile

Double Major Thread

4x4 traction

Micro thread channel
Double Thread

Advance: 2.4 mm per Revolution

Self-Tapping Edges
Helical

Atraumatic Apex

Cylindrical Crestal Profile + Conical Core

High Primary Stability +
Easy Insertion and Reorientability

Large Nucleocrestal Discrepancy
High primary stability

4 x 4 Total Grip

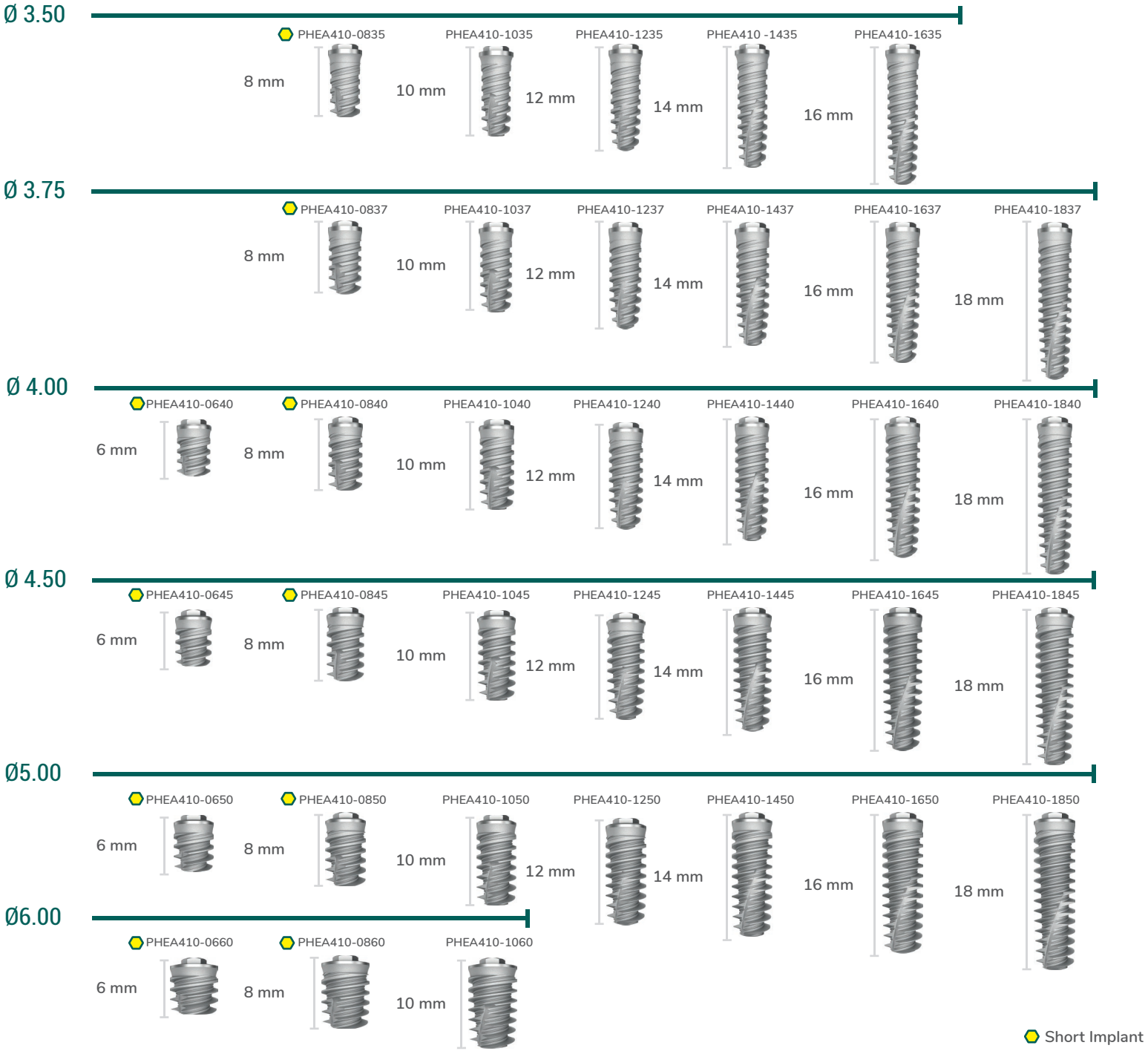
Indication

General indication for all types of cases, presenting optimal behavior in Type III and Type IV Bones. (Leckholm et Zarb).

PHEA410: Active External Hexagonal Platform Implants Ø 4.10. EM Connection Code.

SCALE 1.5:1

Available Diameters and Lengths



Quality PHE

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