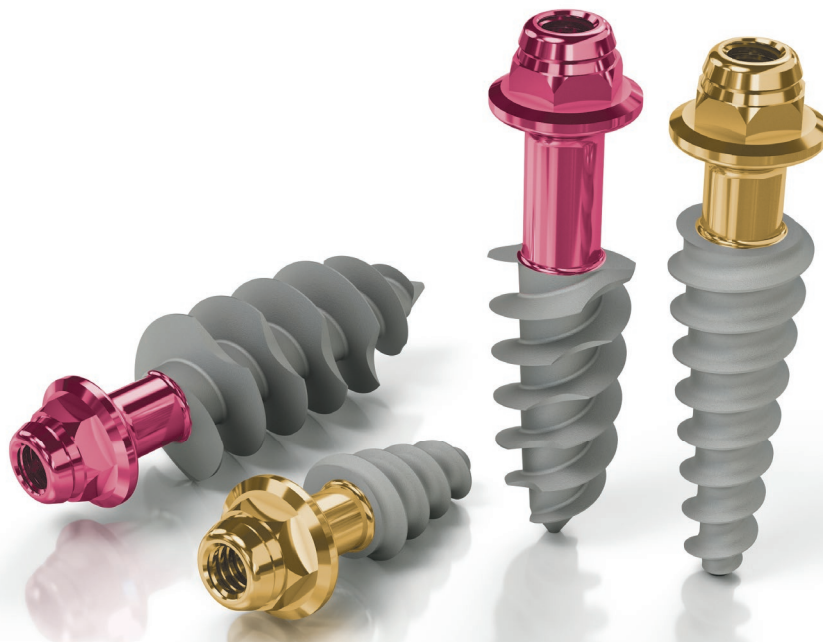




SLD cm & bm Lines

 **RADHEX**

IMPLANTS



## SLD+ PLUS Lines

### **CONNECTIVITY:**

*SLD cm / SLD bm = PMU450 = Plat. Radhex Multi Unit Ø4.50 mm*

A notable advance in the screw-retained prosthesis technique is materialized with the contribution of the Multi-Unit Abutment (PMU), to the revolutionary design of the Solid Mono-Body implant from **Radhex Implants®**. This component not only increases efficacy and safety, but also stands out for its unique ability to correct disparallelisms of up to 40°, marking a milestone in the correction of alignments in clinical practice.

This innovative design becomes an invaluable resource, especially in situations of extreme bone atrophy, allowing the application of highly versatile screw-retained prosthetic solutions. Obtaining maximum primary stability through threading, whether through a Compressive model with compressive wedge action or Basal with anchorage in the basal cortices, offers a substantial difference in the clinical result.

The versatility of this design is highlighted by its adaptability to both narrow bone profiles and jaws with extreme atrophy. In many cases, its versatility allows the technique to be simplified through minimally invasive procedures, thus optimizing the efficiency of the process and providing greater comfort to the patient.

In the context of bone atrophies, the trapezoidal thread configuration of the Solid Mono-Body implant not only offers notable benefits in compressive implants, facilitating a moderate and progressive compressive action, but in basal implants it provides exceptional anchorage. These features not only improve the operator's surgical experience, but also allow for smooth and comfortable insertion.

An outstanding point is the high efficiency of the Solid Mono-Body implant for immediate loading. Its structural design and ability to generate primary stability in various bone conditions position it as the preferred choice in cases that require immediate loading, providing efficiency and predictability to the dental rehabilitation process.

In summary, the **Radhex Implants®** Solid Single-Body implant represents an advanced technical solution, exceptionally responding to the specific demands of the most challenging cases in contemporary implantology, with special emphasis on the unique ability of the Multi-Unit Abutment to correct disparallelisms. up to 40°.

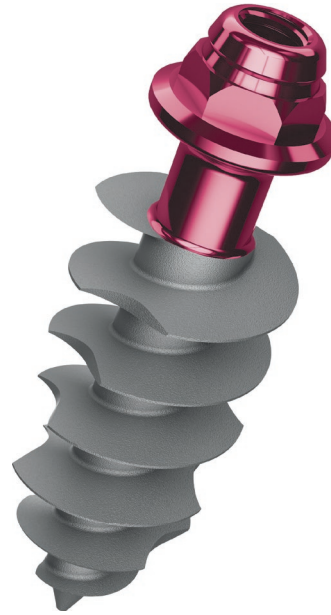
# SLD+PLUS Implants



## SLD cm Type



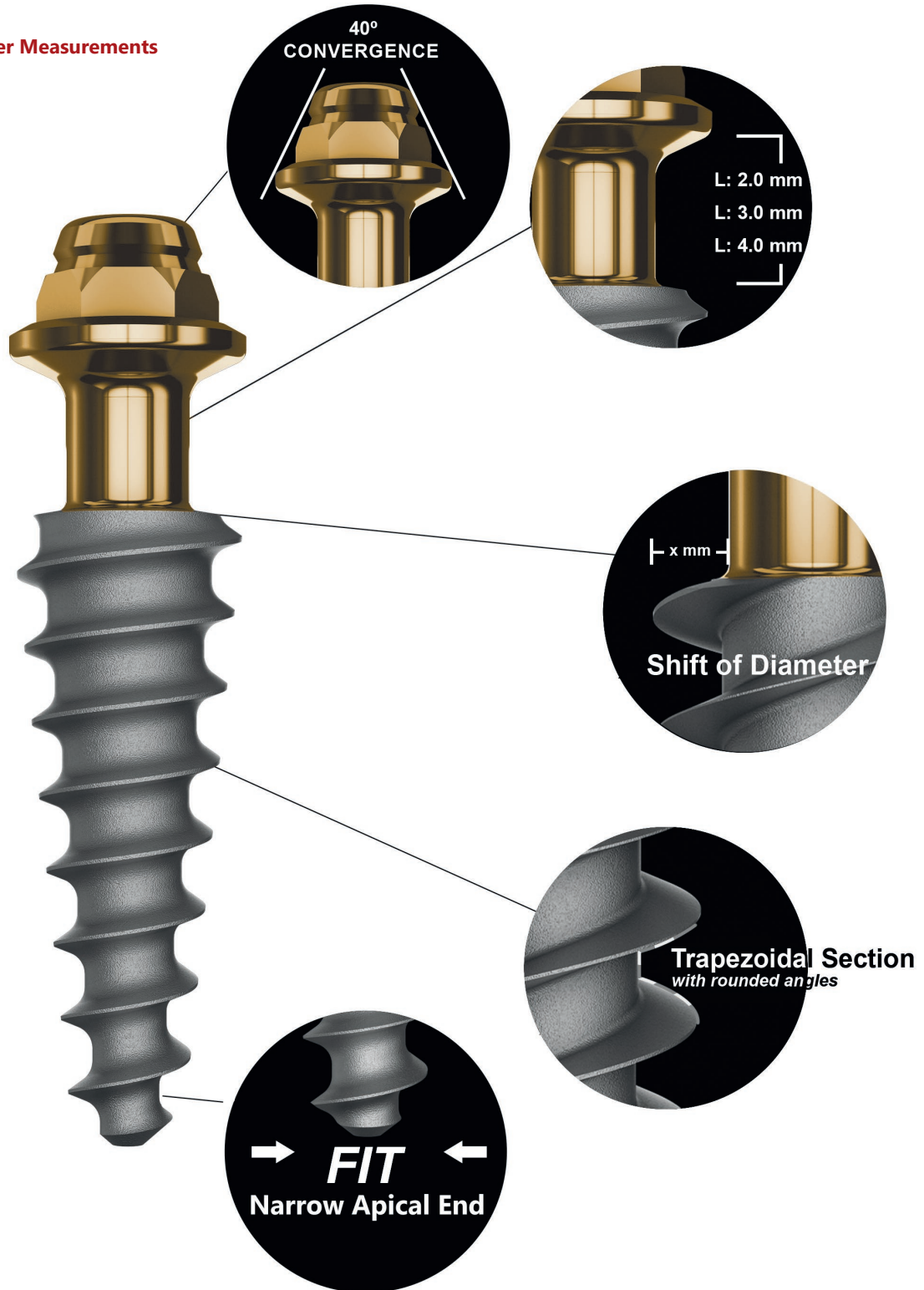
## SLD bm Type



- Screwable Abutment, Radhex Multi Unit type.
- Pillar height 2.00 mm.
- Internal Metric 1.80 mm
- Hexagon 3.00 mm face to face for threading and anti-rotation function.
- Angle of Convergence to Occlusal 20° per side 40° in total
- Transgingival section Ø2.05 mm for bodies up to Ø 4.0 mm and Ø2.35 mm from bodies Ø 4.5 mm onwards.
- Body equipped with Simple Thread.
- Advance of 1.4 mm per turn for compressive models and variable for basal models.
- Compressive Trapezoidal profile thread for compressive models and Wide Trapezoidal for basal models.
- Micro Textured Intra Bone Surface.
- Compressive Implants with Macro-Conical Compressive Wedge Design.
- Basal Implants with Macro - Wide spiral design for basal fixation
- Reduced Apex.
- High Stability Geometry.
- Recommended Speed/Insertion: 50 RPM.

# SLD cm Type

## General Length and Diameter Measurements



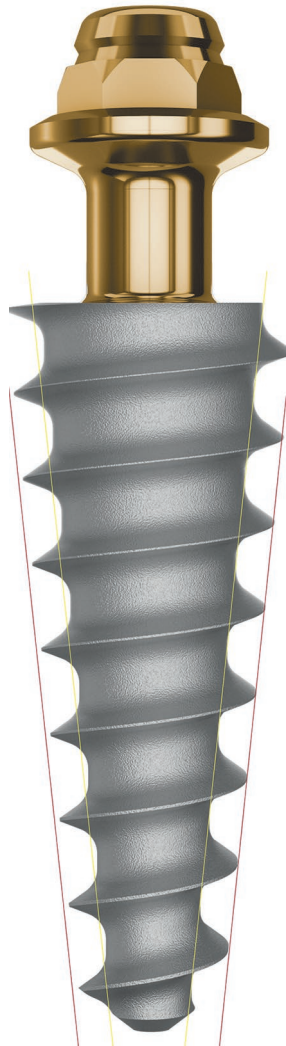
SLDcm Type: One-Piece Compressive Solid Implant, (neck 2, 3 or 4mm), with Screwable Abutment.  
PMU Connection Code.

Available Diameters and Lengths

Platform	Referencias							
	Diameter Length	Length 06 mm	Length 08 mm	Length 10 mm	Length 12 mm	Length 14 mm	Length 16 mm	Length 18 mm
SLD-CM+2	Ø 3.00	SLD 0630 CM+2	SLD 0830 CM+2	SLD 1030 CM+2	SLD 1230 CM+2	SLD 1430 CM+2	SLD 1630 CM+2	SLD 1830 CM+2
	Ø 3.50	SLD 0635 CM+2	SLD 0835 CM+2	SLD 1035 CM+2	SLD 1235 CM+2	SLD 1435 CM+2	SLD 1635 CM+2	SLD 1835 CM+2
	Ø 4.00	SLD 0640 CM+2	SLD 0840 CM+2	SLD 1040 CM+2	SLD 1240 CM+2	SLD 1440 CM+2	SLD 1640 CM+2	SLD 1840 CM+2
	Ø 4.50	SLD 0645 CM+2	SLD 0845 CM+2	SLD 1045 CM+2	SLD 1245 CM+2	SLD 1445 CM+2	SLD 1645 CM+2	SLD 1845 CM+2
	Ø 5.00	SLD 0650 CM+2	SLD 0850 CM+2	SLD 1050 CM+2	SLD 1250 CM+2	SLD 1450 CM+2	SLD 1650 CM+2	SLD 1850 CM+2
	Ø 5.50	SLD 0655 CM+2	SLD 0855 CM+2	SLD 1055 CM+2	SLD 1255 CM+2	SLD 1455 CM+2	SLD 1655 CM+2	SLD 1855 CM+2
	Ø 6.00	SLD 0660 CM+2	SLD 0860 CM+2	SLD 1060 CM+2	SLD 1260 CM+2	SLD 1460 CM+2	SLD 1660 CM+2	
SLD-CM+3	Ø 3.00	SLD 0630 CM+3	SLD 0830 CM+3	SLD 1030 CM+3	SLD 1230 CM+3	SLD 1430 CM+3	SLD 1630 CM+3	SLD 1830 CM+3
	Ø 3.50	SLD 0635 CM+3	SLD 0835 CM+3	SLD 1035 CM+3	SLD 1235 CM+3	SLD 1435 CM+3	SLD 1635 CM+3	SLD 1835 CM+3
	Ø 4.00	SLD 0640 CM+3	SLD 0840 CM+3	SLD 1040 CM+3	SLD 1240 CM+3	SLD 1440 CM+3	SLD 1640 CM+3	SLD 1840 CM+3
	Ø 4.50	SLD 0645 CM+3	SLD 0845 CM+3	SLD 1045 CM+3	SLD 1245 CM+3	SLD 1445 CM+3	SLD 1645 CM+3	SLD 1845 CM+3
	Ø 5.00	SLD 0650 CM+3	SLD 0850 CM+3	SLD 1050 CM+3	SLD 1250 CM+3	SLD 1450 CM+3	SLD 1650 CM+3	SLD 1850 CM+3
	Ø 5.50	SLD 0655 CM+3	SLD 0855 CM+3	SLD 1055 CM+3	SLD 1255 CM+3	SLD 1455 CM+3	SLD 1655 CM+3	SLD 1855 CM+3
	Ø 6.00	SLD 0660 CM+3	SLD 0860 CM+3	SLD 1060 CM+3	SLD 1260 CM+3	SLD 1460 CM+3	SLD 1660 CM+3	
SLD-CM+4	Ø 3.00	SLD 0630 CM+4	SLD 0830 CM+4	SLD 1030 CM+4	SLD 1230 CM+4	SLD 1430 CM+4	SLD 1630 CM+4	SLD 1830 CM+4
	Ø 3.50	SLD 0635 CM+4	SLD 0835 CM+4	SLD 1035 CM+4	SLD 1235 CM+4	SLD 1435 CM+4	SLD 1635 CM+4	SLD 1835 CM+4
	Ø 4.00	SLD 0640 CM+4	SLD 0840 CM+4	SLD 1040 CM+4	SLD 1240 CM+4	SLD 1440 CM+4	SLD 1640 CM+4	SLD 1840 CM+4
	Ø 4.50	SLD 0645 CM+4	SLD 0845 CM+4	SLD 1045 CM+4	SLD 1245 CM+4	SLD 1445 CM+4	SLD 1645 CM+4	SLD 1845 CM+4
	Ø 5.00	SLD 0650 CM+4	SLD 0850 CM+4	SLD 1050 CM+4	SLD 1250 CM+4	SLD 1450 CM+4	SLD 1650 CM+4	SLD 1850 CM+4
	Ø 5.50	SLD 0655 CM+4	SLD 0855 CM+4	SLD 1055 CM+4	SLD 1255 CM+4	SLD 1455 CM+4	SLD 1655 CM+4	SLD 1855 CM+4
	Ø 6.00	SLD 0660 CM+4	SLD 0860 CM+4	SLD 1060 CM+4	SLD 1260 CM+4	SLD 1460 CM+4	SLD 1660 CM+4	

# Technical Data Scheme

Compressive profile thread



Conical Crestal Profile +  
Conical Core

High Primary Stability +  
Easy Insertion and High Stability

Internal Metric 1.8 mm

Occlusal Convergence  
40°

Hexagonal Geometry 3.0 mm Face to  
Face

Platform Seat PMU Ø4.50

Mechanized Cervical Profile,  
(different heights).

Profile  
Threading

Compressive Profile  
Thread

Thread Valley with  
Trapezoidal Geometry

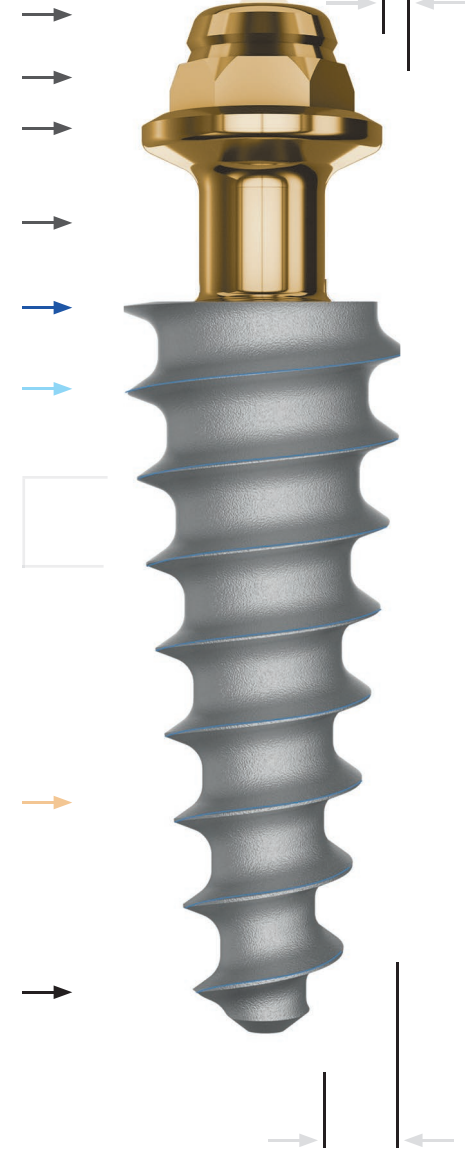
Advance: 1.4 mm per  
Revolution

Tapered body profile

Conical core profile

Fine Piercing Apex

Platform Jump



Discrete Nucleocrestal Discrepancy  
High primary stability geometry

## Indication

General indication for all types of bone density, and especially in Type III and Type IV Bones. (Leckholm et Zarb).

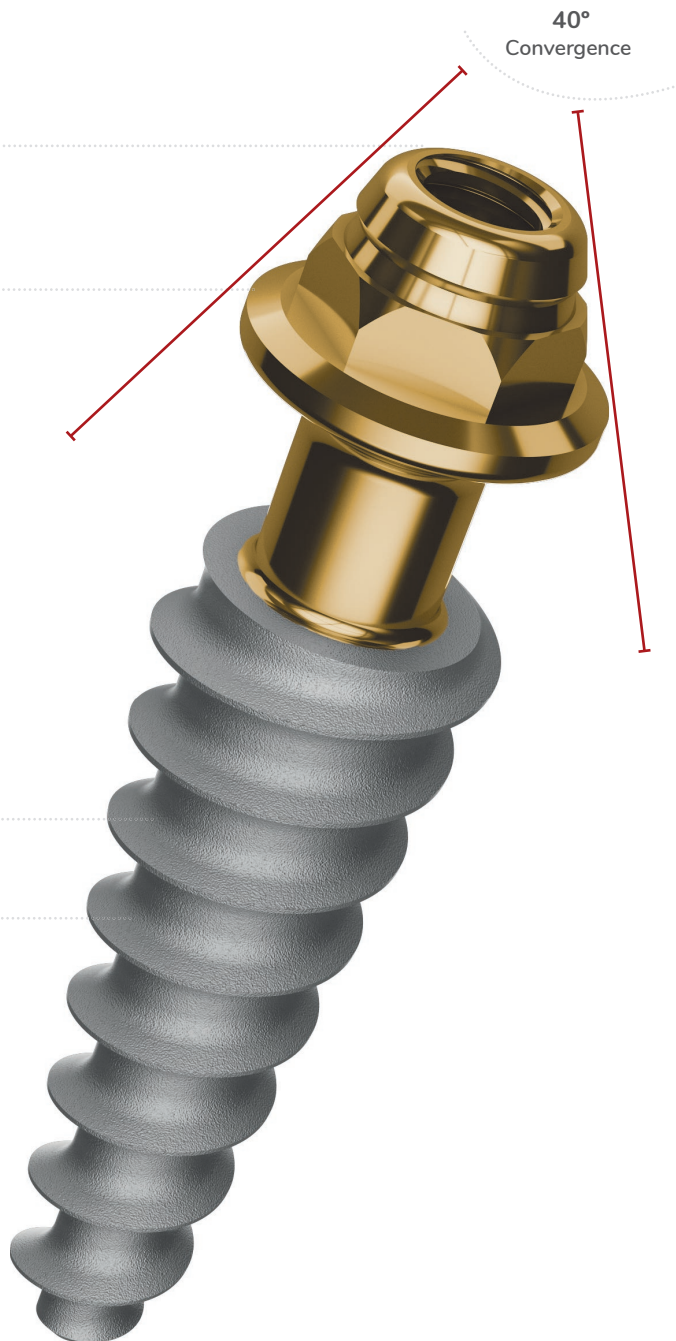
## SLD cm Type

### General Length and Diameter Measurements

L: 2.00 mm  
Pillar Height

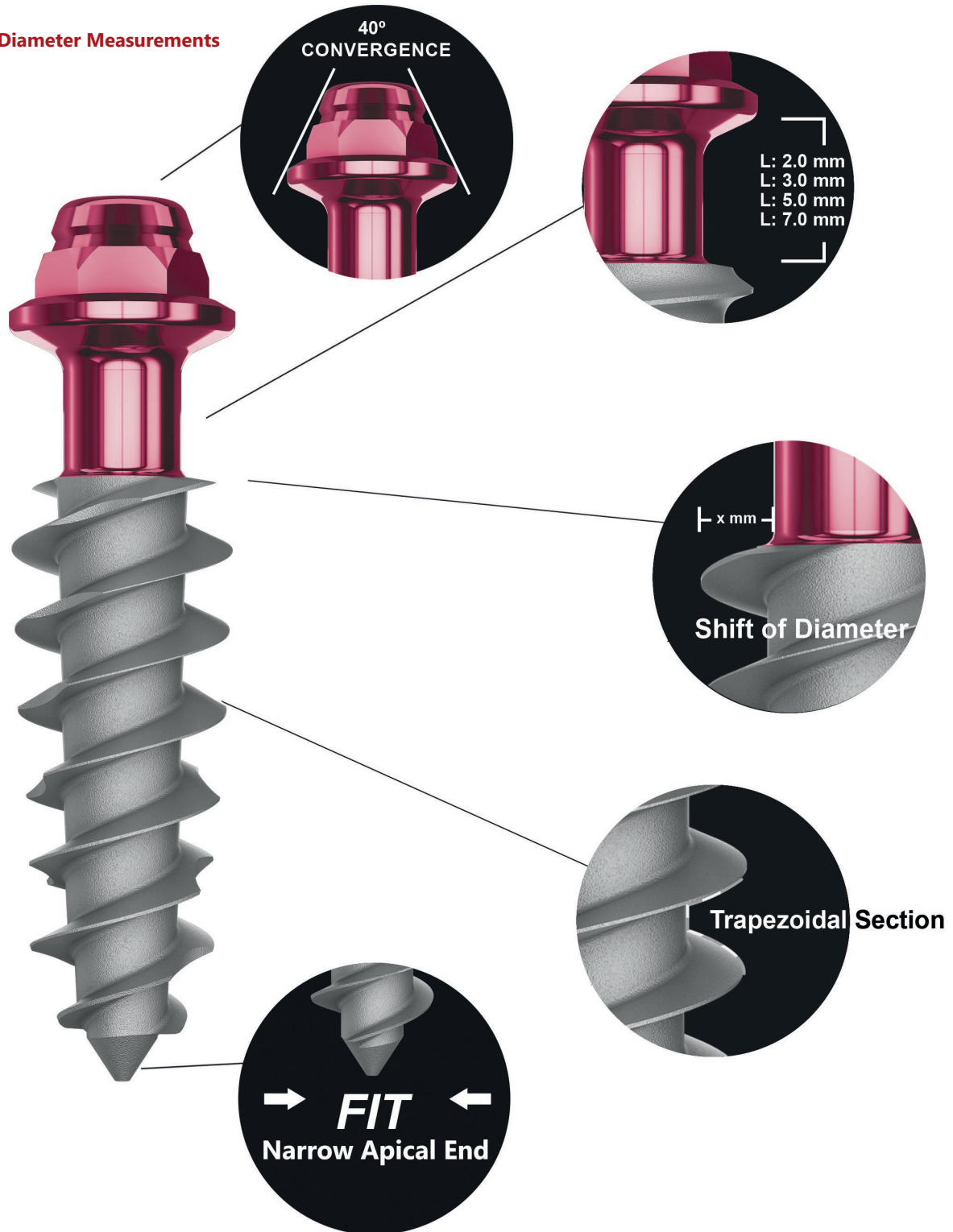
P: 1.40 mm

40°  
Convergence



# SLD bm Type

## General Length and Diameter Measurements





SLDbm Type: One-Piece Solid Basal Implant with Screwable Abutment.  
PMU Connection Code.

**Available Diameters and Lengths**

Platform	Diameter		Referencias						
	Length	Length	Length 06 mm	Length 08 mm	Length 10 mm	Length 12 mm	Length 14 mm	Length 16 mm	Length 18 mm
SLD-BM+2	Ø 3.50		SLD 0635 BM+2						
SLD-BM+3	Ø 3.50		SLD 0635 BM+3	SLD 0835 BM+3	SLD 1035 BM+3	SLD 1235 BM+3			
	Ø 4.50		SLD 0645 BM+3	SLD 0845 BM+3	SLD 1045 BM+3	SLD 1245 BM+3			
	Ø 5.50		SLD 0655 BM+3	SLD 0855 BM+3	SLD 1055 BM+3	SLD 1255 BM+3			
	Ø 6.50		SLD 0665 BM+3	SLD 0865 BM+3	SLD 1065 BM+3	SLD 1265 BM+3			
	Ø 8.50			SLD 0885 BM+3					
SLD-BM+5	Ø 3.50				SLD 1035 BM+5	SLD 1235 BM+5			
	Ø 4.50				SLD 1045 BM+5	SLD 1245 BM+5			
	Ø 5.50				SLD 1055 BM+5	SLD 1255 BM+5			
	Ø 6.50				SLD 1065 BM+5	SLD 1265 BM+5			
	Ø 8.50			SLD 0885 BM+5					
SLD-BM+7	Ø 3.50				SLD 1035 BM+7	SLD 1235 BM+7	SLD 1435 BM+7	SLD 1635 BM+7	SLD 1835 BM+7
	Ø 4.50				SLD 1045 BM+7	SLD 1245 BM+7	SLD 1445 BM+7	SLD 1645 BM+7	SLD 1845 BM+7
	Ø 5.50				SLD 1055 BM+7	SLD 1255 BM+7			
	Ø 6.50				SLD 1065 BM+7	SLD 1265 BM+7			
	Ø 8.50			SLD 0885 BM+7					

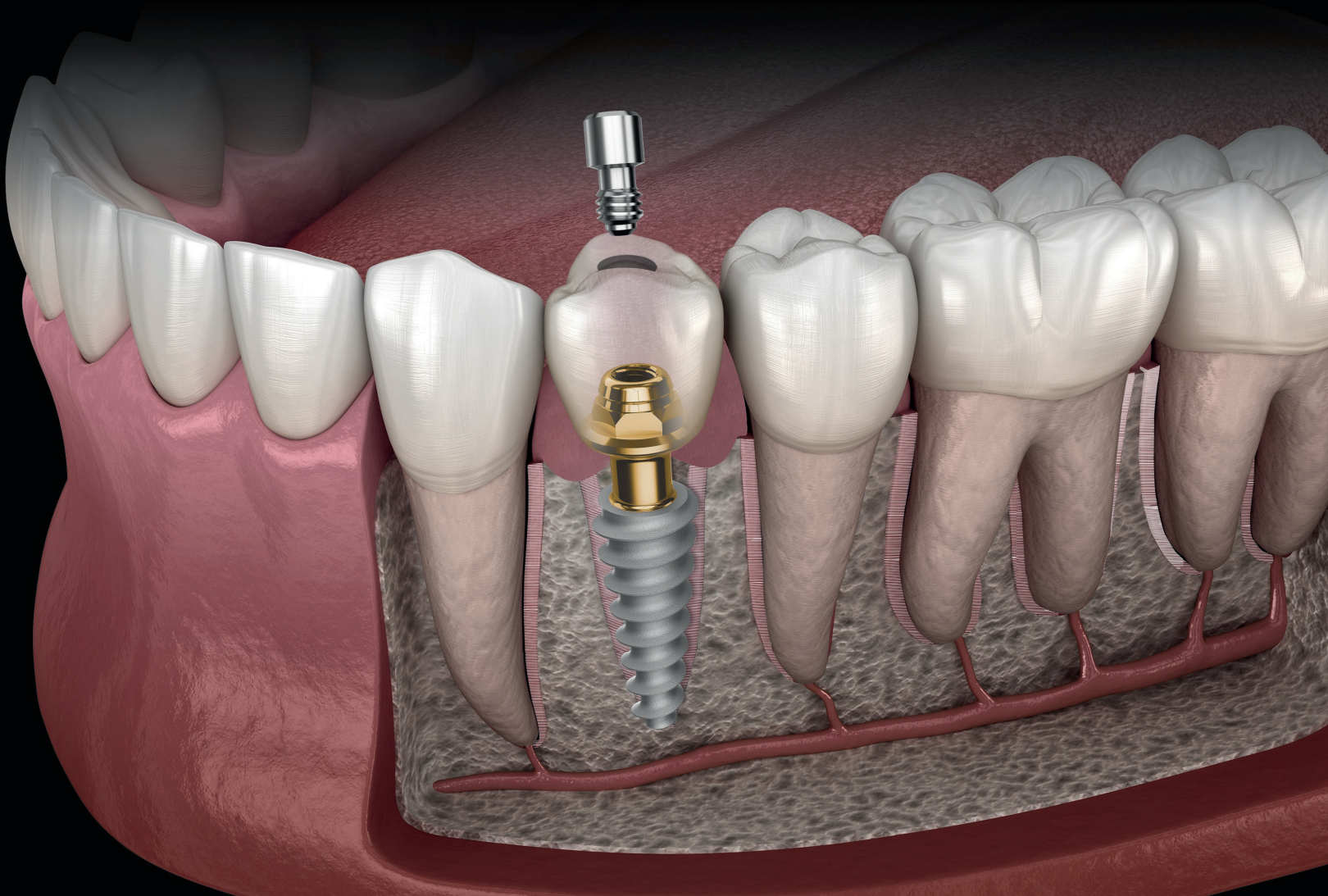


The “Premium” one-piece implant for minimally invasive surgery represents an outstanding milestone in the field of dentistry, specially designed to address atrophic bone situations with a minimum available bone volume. This device is distinguished by its ability to maximally respect the surrounding biological structures, thus contributing to the comprehensive maintenance of oral health.

With a reduced diameter emergence profile, this implant guarantees a precise and secure fit in limited anatomical spaces, allowing effective application in minimally invasive surgery environments. In addition, it stands out for its “switch platform”, which facilitates a smooth and safe transition, protecting the long-term stability of gingival tissues.

The engineering behind this “Premium” implant focuses on providing a comprehensive solution for cases of bone atrophy and geriatric patients, where optimization of space and maximum respect for biological structures are essential. Its advanced design and implementation of cutting-edge technologies make this implant a preferred choice for dental professionals seeking to provide their patients with exceptional results in terms of functionality, aesthetics and preservation of the surrounding biological tissue. In summary, this “Premium” implant stands as an essential component in modern dentistry, standing out for its ability to address specific challenges precisely and efficiently.

Maximum Protection of Anatomical Structures.  
Minimum bone volume occupation.



Unrestricted respect for the life, health and stability of tissues, which guarantees MINIMAL INVASIVITY.  
Avoiding damage to important anatomical structures such as the paths where the neurovascular bundle runs  
of the dental nerve.

It allows you to "lateralize" your position, avoiding damage. Its apical structure is very reduced, and this is a guarantee for success  
of the surgical technique, ensuring postoperative periods with a high level of comfort and satisfaction on the part of the patient, and  
ensuring the success of the professional.



SLD cm & bm Lines

 **RADHEX**

IMPLANTS