



PRODUCT
CATALOG
2020



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THE COMPANY

State-of-the-Art Manufacturing

Highest Quality Standards

Gateway to Digital Technologies

Vast Medical Experience

Premium Cutting-Edge Products

Deeply Committed To Science



PALTOP Advanced Dental Solutions Ltd. has become a well-established global player in the field of dental implantology.

Leveraging decades of collective experience and industry leadership in precision manufacturing and implant technology, the company manufactures premium cutting-edge implant components. Deeply committed to scientific R&D and heavily invested in state-of-the-art manufacturing equipment, PALTOP is renowned for its continuous introduction of advanced products of the highest quality standards.



PALTOP strives to lead the change in modern dentistry. We believe in constant innovation, and won't settle for anything less than excellence. In a world with many choices, PALTOP premium products and comprehensive digital solutions provide the Dentist with a complete package exceptional to the marketplace. We are proud to provide solutions with our implants and esthetic restorations using both conventional and digital dentistry. You are invited to explore the technology behind our excellent products and service.



PALTOP HIGHLIGHTS

Concave For Maximum
ESTHETICS

Ultra-Pure Surface
K-LEAN

Protective & Sterile
PACKAGING

ADVANCED
Biological Design

DIGITAL
Complete Digital Workflow

SIMPLICITY
Less Tools More Technology

ESTHETICS

Concave

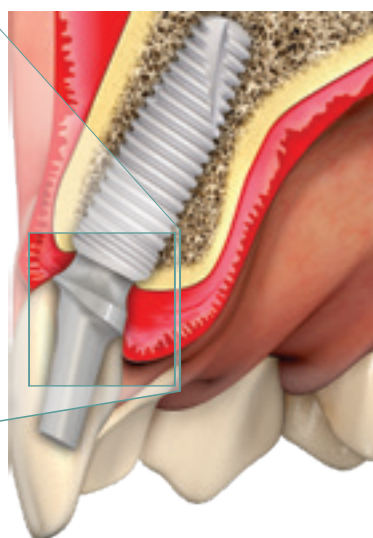
HIGH ESTHETICS

The unique concave design enables the mucosal tissue to form a dense layer surrounding the transgingival connection. This results in reduced tissue transparency and reduced metal visibility of the abutment.



ENHANCED GINGIVAL HEALING

This innovative design creates an optimal emergence profile, enabling replacement of temporary prosthetics with fixed prosthetics without harming the newly formed tissue structure. This reduces the trauma to the implantation site and accelerates the healing process.



CONCAVE FROM BEGINNING TO END

PALTOP offers prefabricated aesthetically designed parts suitable for all restorative applications—all teeth positions and for all treatment stages, including the healing period, impression taking, PEEK provisionals, and final solutions. Components have an identical concave profile, allowing the replacement of components according to the treatment stage.



Angulation Corrective System (ACS)

ACS abutments are for precision-manufactured CAD/CAM screw-retained restorations where angulation of the screw access hole is required for improved aesthetics and/or function. The ACS offers the dental technician control over the desired position of the screw access hole.



KLEAN

Ultra-Pure Surface Technology

Rough Surfaces

PALTOP's meticulous surface morphology is created by two sequential stages: sand blasting, aimed at creating crater-shaped microgrooves, followed by acid etching intended to generate nano-crater-shaped structures.

Clean Surfaces

PALTOP's extensive multistage cleaning process removes undesired residues derived from manufacturing, yielding a contamination-free surface.

Superior Raw Material

PALTOP Dental Implants:

- ✔ Made of biocompatible alloy Ti6Al-4V ELI.
- ✔ Superior to pure titanium in mechanical properties.
- ✔ Purchased from leading American suppliers.

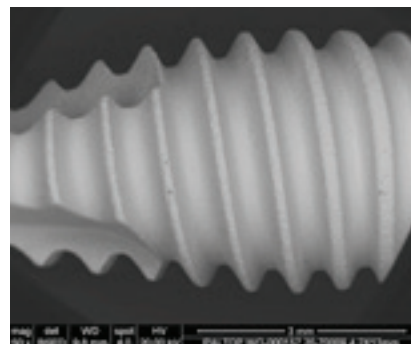
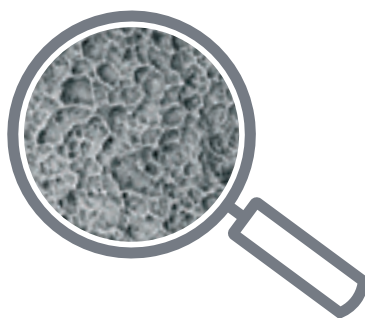


Figure 1.1
PALTOP dental implant surface morphology as visualized using SEM technology



FROM BDIZ EDI JOURNAL REPORT: SEM SURFACE ANALYSES OF 120 STERILE-PACKED IMPLANTS

"PALTOP has decided to consistently clean their products with ultra-pure water (UPW), which is rather expensive to produce compared to regular demineralized water and is otherwise mostly employed by the semiconductor industry. XPS analyses of the implant surface thus cleaned show no traces of sulphur, silicon, zinc or chlorine, inorganic impurities not infrequently found in the XPS analyses of the sandblasted and acid-etched surfaces of implants by other manufacturers investigated in 2014. The corresponding EDX analysis shows only the typical elements for grade 5 titanium..."



Duddek D, Maghaireh H, Faber FJ, Neugebauer J, SEM surface analysis of 120 sterile packed implants. Final report BDIZ EDI implant study 2014/15

PACKAGING

Packaged to Stay **Clean**

PALTOP dental implants are delivered in uniquely designed protective packaging. In this superior quality packaging, the implant comes into contact only with titanium.

1. STYRON 637 Polystyrene
2. MARLEX 9006 Polyethylene
3. MARLEX 9006 Polyethylene
4. Titanium Alloy Ti 6Al4V ELI
5. Titanium Alloy Ti 6Al4V ELI



Packaged for Convenience

- ✓ Delivered sterile and ready for use
- ✓ Compact for easy storage in dental clinic
- ✓ Effective performance for ease of handling and use

All Paltop's Components are Delivered **Sterile**



Advanced+ Implant Line Packaging



PCA Implant Line Packaging



Prosthetic Components Packaging

ADVANCED BIOLOGICAL DESIGN

ENGINEERED TO PRESERVE BONE!

OPTIMIZING BONE PRESERVATION

- **CONCAVE EMERGENCE PROFILE**

Transgingival design with polished surface supports a stable bone interface

Ref 1

- **PLATFORM SWITCHING**

Creates space for biologic width development

Ref 2

- **MICROTHREADS**

Reduces the stress on the cortical bone and increases the surface area

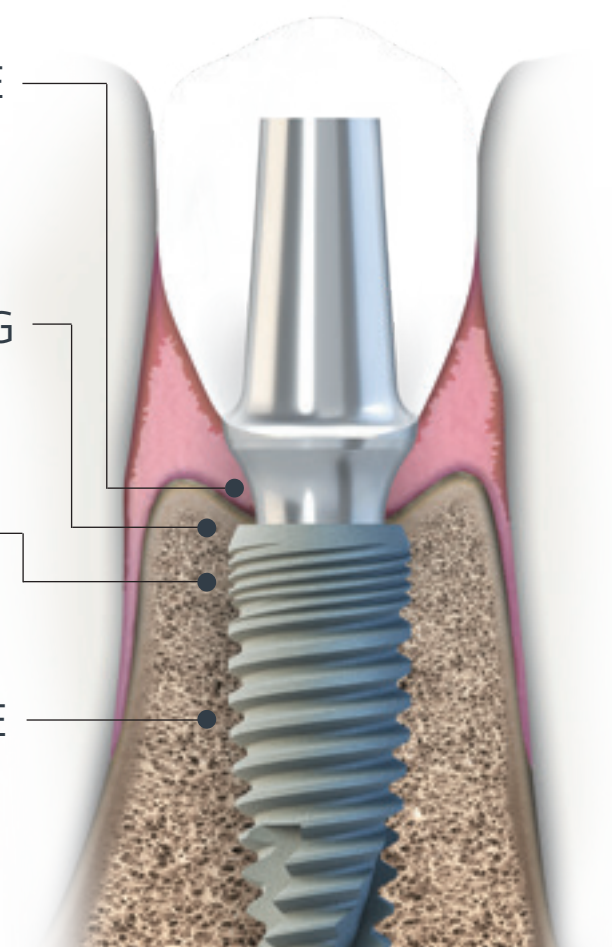
Ref 3

- **ULTRA-PURE SURFACE TREATMENT**

Clean and free from bacteria and chemical residue

Maintains an intact oxide layer

Ref 4



1 Souza AB, Alshihri A, Kammerer PW, Araujo MG, Gallucci GO. Histological and micro-CT analysis of peri-implant soft and hard tissue healing on implant with different healing abutments configurations. Clin Oral Implant Res. Oct, 2018;29(10):1007-1015

2 Atieh MA, Ibrahim HM, Atieh AH. Platform switching for marginal bone preservation around dental implants: a systematic review and meta-analysis. J Periodontol. Oct, 2010; 81(10): 1350-66

3 AL-Thobity AM, Kutkut A, Almas K. Microthreaded Implants and Crestal Bone Loss: A Systematic Review. J Oral Implantol. Apr, 2019; 43(2): 157-166

4 DR DIRK DUDDECK, DR HASSAN MAGHAIREH, DR FRANZ-JOSEF FABER AND DR JORG NEUGEBAUER. SEM surface analyses of 120 sterile-packed implants. EDI Journal. 2014; 64-75

SEVEN IMPLANT LINES



ADVANCED CLASSIC

3rd generation design. Where the traditional passive and the modern aggressive approaches meet. The Advanced Classic and Advanced + implants incorporate crestal micro-threads for stress distribution, parallel walled midsection for minimum stress to the bone. The Advanced Classic implant has a tapered rounded apex for safe insertion into the bone. The Advanced+ implant has a slightly active apex with certain capabilities for implant adjustment and self drilling.

ADVANCED+ SLIGHTLY ACTIVE APEX



ENHANCED STABILITY Dynamic

A more aggressive thread design for increased initial stability in cases such as extraction sites. The Dynamic Implant has a crestal micro-thread with a parallel walled midsection, more aggressive threads in the apical section and an active apex that allows for enhanced bone engagement for indications such as immediate extraction sockets and immediate loading.



PALTOP ACTIVE IMPLANT

An aggressive thread design for undersize drilling and insertion maneuverability. A double lead thread design with an optimal 1.2 pitch for fast implant insertion, allowing for more aggressive bone engagement for indications such as immediate extraction sockets, poor bone quality, and immediate loading. Paltop Active Implant is available with a machined neck or with total surface treatment coverage.



DIIVA By PALTOP

Closed Sinus Lift Technology.

A new sinus lift technology, delivers an innovative solution that enables sinus lift implants to be carried out using a simple, easy-to-learn and relatively short procedure, with significantly lower risk of complications and patient discomfort.

**PATENT
PENDING**



PCA PALTOP CONICAL ACTIVE

The 'Advanced +' Design with a conical connection. The PALTOP Conical Implant has the body of the Advanced + implant with a conical connection design for ideal sealing and for wider platform shifting.

DIGITAL-TECHNOLOGIES

Gateway to the future

PALTOP offers a broad range of solutions for the complete digital workflow for the Doctor and Laboratory, including surgical and restorative digital applications. PALTOP's digital treatment workflow enables Doctors to perform simple, safe and accurate pre-planned surgical and restorative procedures utilizing cutting-edge technology.

Broad Range of Digital Libraries

3shape

exocad
DIGITAL LIBRARY

exoplan

Blue Sky Plan®

dental wings

AMANN GIRRBACH

Zirkonzahn
DIGITAL LIBRARY

NT digital
implant
technology

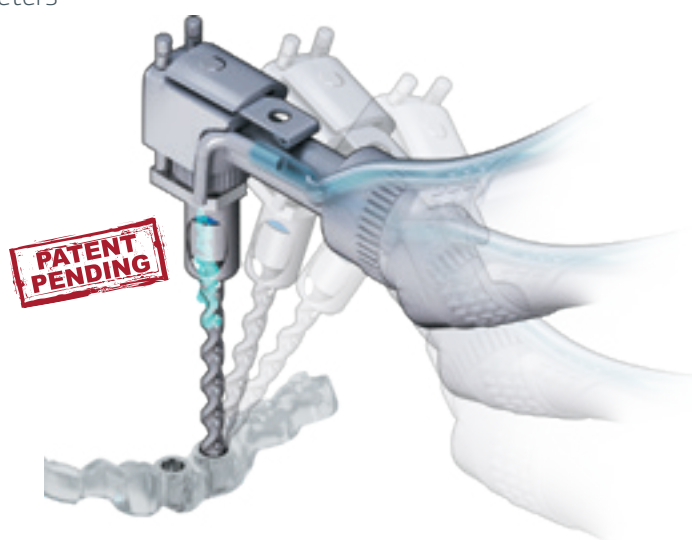
UNIQUE FULLY GUIDED SURGICAL SYSTEM

- ✓ Continuous direct irrigation on the drill
- ✓ Significantly less inter-arch space needed
- ✓ Use 1 hand, not 2
- ✓ No implant drill guide keys/spoons required
- ✓ No direct contact of drilling flutes to sleeves-no metal shavings-drills last longer
- ✓ Guide sleeves in two diameters for ideal implant spacing
- ✓ Three drill lengths with fewer drills in the surgical kit
- ✓ One kit manages all PALTOP implant lines
- ✓ Covers implant lengths 6mm - 16mm
- ✓ Covers implant diameters 3.25mm - 5mm



THE PALTOP INNOVATIVE CONCEPT: CONTRA ANGLE BASED GUIDANCE

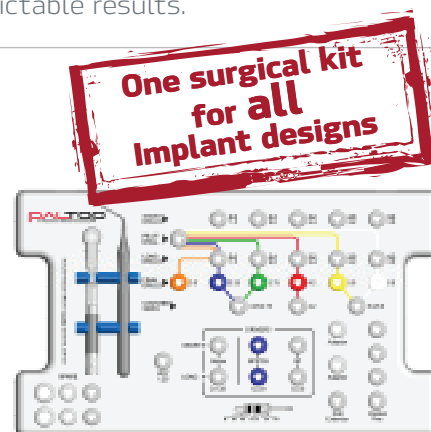
The PALTOP unique Digital Guidance Sleeve (DGS) guides the contra angle through the surgical guide to accurately position the implant drills offering direct irrigation.



SIMPLICITY

Chain of simplicity

In the world of rapidly advancing technologies, it becomes increasingly harder to maintain simple procedures. PALTOP invests time and effort to make procedures as simple as possible, saving time and money for the dentist and offering reliable predictable results.



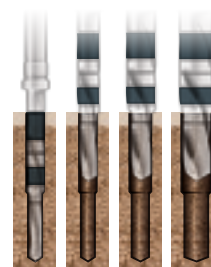
✓ Drilling Procedure

PALTOP's surgical kit is optimally organized for ease-of-use and functionality. Color-coded pathways lead the doctor through the surgical protocol. Drill Stop Kit simplifies drilling process by saving valuable chair time. It enables drilling to the exact desired depth with safety and confidence.

✓ Step Drills *

PALTOP Step Drills, are uniquely designed in such a matter so that each drill leads the following drill for fast and accurate drilling.

The special step drill mechanism reduces vibrations and chattering and serves as a pilot surgical guide.



✓ Final Drills *

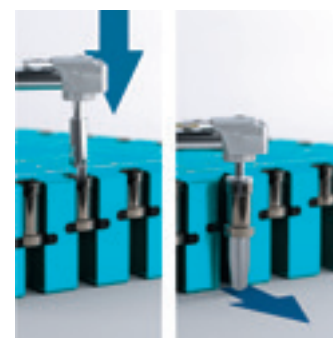
Specially designed drills to suit the exact implant profile. PALTOP drills have a special matte finish that does not reflect light, enabling clear visibility of the markings on the drill.

★ All drills are custom made for Paltop and manufactured by Komet, Germany



✓ Drill Stop Kit

The Paltop Drill Stop Kit is designed to simplify the drilling process. It enables the doctor to drill the exact desired depth with safety and confidence. The Drill Stop Kit is designed uniquely for extreme ease of use.





PALTOP IMPLANTS

INTERNAL
HEX
CONNECTION

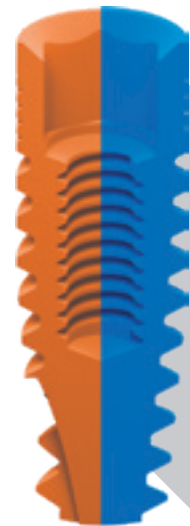
NARROW PLATFORM

The Paltop Narrow Platform with a 2.0mm hexagonal connection covers 3.0mm and 3.25mm implant diameters. This platform is dedicated to treatment of narrow ridges. The Narrow Platform has its matching narrow prosthetic line.

3.0 mm



3.25 mm



STANDARD PLATFORM

The PALTOP Standard Platform with a 2.5mm hexagonal connection covers 3.75mm, 4.2mm and 5.0mm implant diameters. These 3 primary implant diameters utilize one line of prosthetic components.

3.75mm



4.20mm



5.00mm



WIDE PLATFORM

The PALTOP Wide Platform 6.0mm implant has an outer diameter of 6.0mm, a platform of 4.5mm and an internal hexagonal connection. It is designed for restoration of the posterior regions and molar extraction sites. The PALTOP Wide Platform has a matching wide prosthetic line.

6.0 mm



A

*Not Currently Available in the US.

ADVANCED+

SLIGHTLY ACTIVE APEX



INTERNAL HEXAGONAL CONNECTION

MICRO THREADS

to reduce bone stresses and minimize bone resorption

SUPPORTING OSSEOINTEGRATION

Cylindrical shape promotes long-term osseointegration by enlarging surface area and bone to implant contact

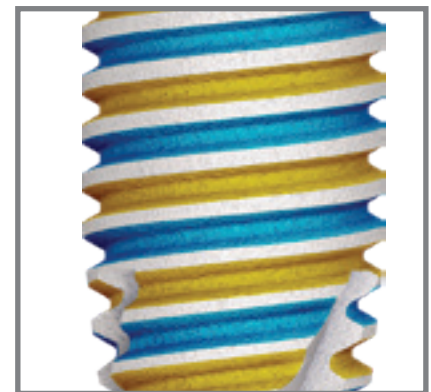
INITIAL STABILITY

7mm tapered progressive thread aimed to enhance initial stability by creating bone compression

HIGH ESTHETICS

Platform shifting enables high esthetics via "soft tissue management". It also reduces the amount of stress transferred from the abutment to the bone and helps to prevent bone loss due to high mechanical pressure

2 lead thread with optimal pitch of 0.8mm for fast implant insertion with better stability



+ SLIGHTLY ACTIVE APEX

Allows easier insertion to the correct implant depth

NARROW PLATFORM			
3.0mm D		3.25mm D	
L mm		L mm	
10.0mm		20-70034P*	20-70018P
11.5mm		20-70035P*	20-70019P
13.0mm		20-70036P*	20-70020P
16.0mm		20-70037P*	20-70021P

Ø 3.00mm		Ø 3.25mm	
L mm		L mm	
Ø 2.50mm		Ø 2.50mm	

STANDARD PLATFORM					
3.75mm D		4.2mm D		5.0mm D	
L mm		L mm		L mm	
8.0mm		20-70017P	20-70006P	8.0mm	20-70012P
10.0mm		20-70001P	20-70007P	10.0mm	20-70013P
11.5mm		20-70002P	20-70008P	11.5mm	20-70014P
13.0mm		20-70003P	20-70009P	13.0mm	20-70015P
16.0mm		20-70004P	20-70010P	16.0mm	20-70016P

Ø 3.75 mm		Ø 4.20mm		Ø 5.0 mm	
L mm		L mm		L mm	
Ø 2.75 mm		Ø 3.10mm		Ø 3.75 mm	

WIDE PLATFORM	
6.0mm D	
L mm	
6.0mm	20-70022P*
8.0mm	20-70023P
10.0mm	20-70024P
11.5mm	20-70025P
13.0mm	20-70026P
16.0mm	20-70027P

Ø 6.0mm	
L mm	
Ø 4.6mm	

*Not Currently Available in the US.

ENHANCED STABILITY *Dynamic*



INTERNAL HEXAGONAL CONNECTION

MICRO THREADS

to reduce bone stresses and minimize bone resorption

EASY INSERTION

Double lead thread with a reverse buttress profile with optimal 0.8mm thread pitch for fast implant insertion with better stability

AGGRESSIVE APICAL THREADS

Allow for more aggressive bone engagement for indications such as immediate extraction sockets, poor bone quality, and immediate loading

CUTTING APEX

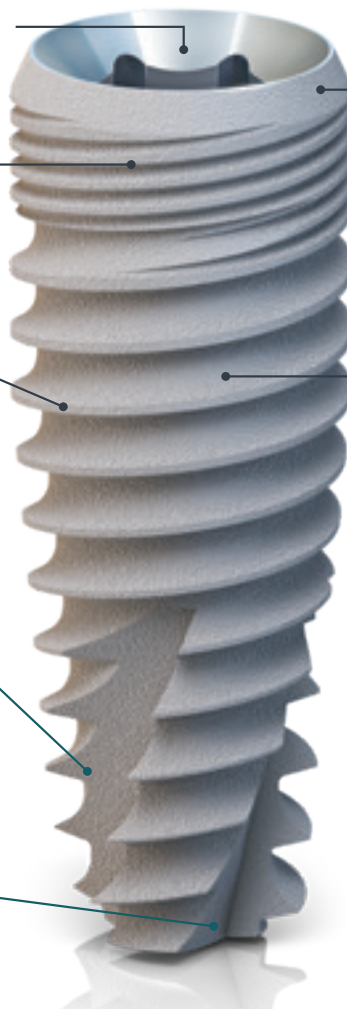
for implant adjustment and engagement

HIGH ESTHETICS

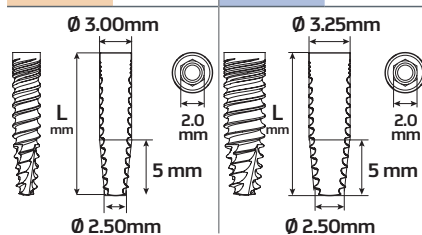
Platform shifting enables high esthetics via "soft tissue management". It also reduces the amount of stress transferred from the abutment to the bone and helps to prevent bone loss due to high mechanical pressure

SUPPORTING OSSEOINTEGRATION

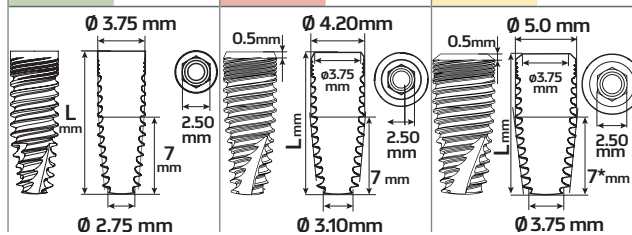
Cylindrical shape promotes long-term osseointegration by enlarging surface area and bone to implant contact



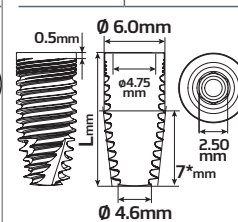
NARROW PLATFORM			
3.0mm D		3.25mm D	
L mm		L mm	
10.0mm	21-70034*	10.0mm	21-70018
11.5mm	21-70035*	11.5mm	21-70019
13.0mm	21-70036*	13.0mm	21-70020
16.0mm	21-70037*	16.0mm	21-70021



STANDARD PLATFORM					
3.75mm D		4.2mm D		5.0mm D	
L mm		L mm		L mm	
8.0mm	21-70017	8.0mm	21-70006	8.0mm	21-70012
10.0mm	21-70001	10.0mm	21-70007	10.0mm	21-70013
11.5mm	21-70002	11.5mm	21-70008	11.5mm	21-70014
13.0mm	21-70003	13.0mm	21-70009	13.0mm	21-70015
16.0mm	21-70004	16.0mm	21-70010	16.0mm	21-70016



WIDE PLATFORM	
6.0mm D	
L mm	
6.0mm	21-70022*
8.0mm	21-70023
10.0mm	21-70024
11.5mm	21-70025
13.0mm	21-70026
16.0mm	21-70027



*Not Currently Available in the US.

DIVA

By **PALTOP**

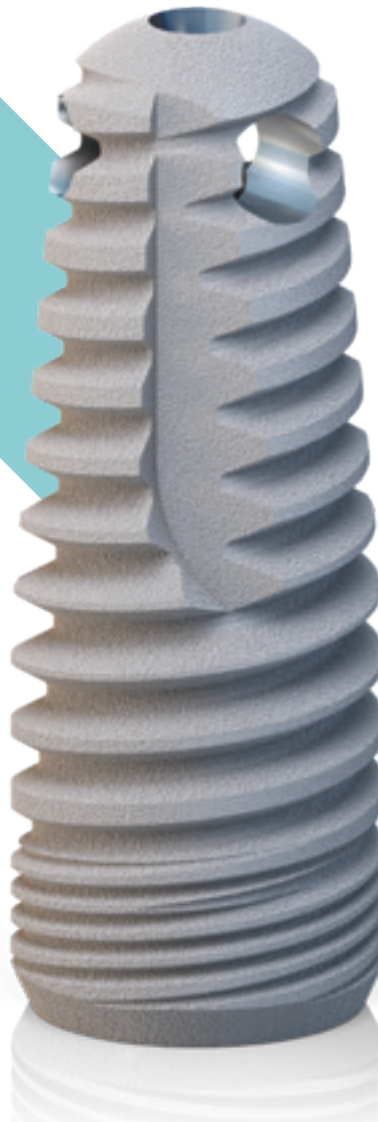
INNOVATIVE CLOSED SINUS LIFT TECHNOLOGY

With The Paltop Cutting Edge Manufacturing Technology



INTERNAL HEXAGONAL CONNECTION

Paltop's Internal Hex Prosthetic Components may be used with the DIVA Implants.



DIVA possesses three unique innovations:

- The use of the implant to elevate the sinus membrane
- Its ability to detect sinus membrane movement through the implant
- A configuration that allows delivery of bone substitute directly through the implant

The DIVA box contains:

- DIVA Implant with cover screw
- Internal Screw Driver
- Syringe
- Cannula
- Synthetic Bone Paste



DIVA		
ø 3.75 mm	L 11.5 mm	23-70001s*
ø 3.75 mm	L 13 mm	23-70002s*
ø 4.2 mm	L 11.5 mm	23-70003s*
ø 4.2 mm	L 13 mm	23-70004s*
ø 5.0 mm	L 11.5 mm	23-70005s*
ø 5.0 mm	L 13 mm	23-70006s*

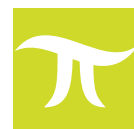


DIVA Osteotome		Implant	Osteotome Sequence		
ø 2.2~ø2.7 mm	60-70090	ø 3.75	ø2.2~ø2.7		
ø 2.7~ø3.2 mm	60-70091	ø 4.2	ø2.2~ø2.7	ø2.7~ø3.2	
ø 3.2~ø3.7 mm	60-70092	ø 5.0	ø2.2~ø2.7	ø2.7~ø3.2	ø3.2~ø3.7

*This product is not available in all markets where PALTOP operates.

In several countries PALTOP has the marketing rights for this product although not exclusively.

Not Currently Available in the US.



INTERNAL HEXAGONAL CONNECTION

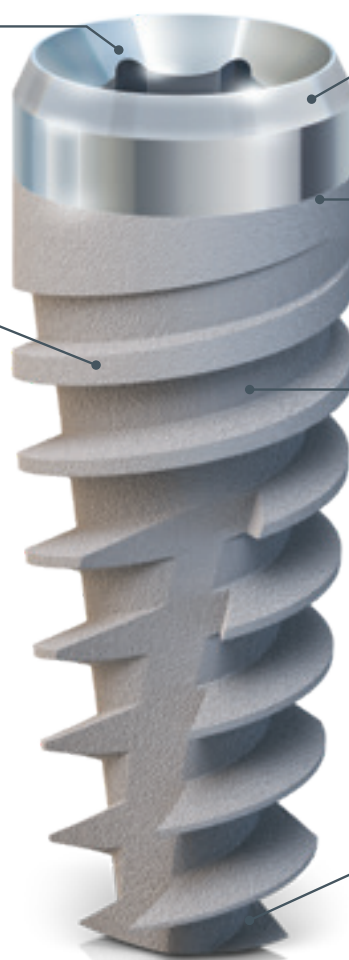
Compatible platform to all Paltop Internal Hex prosthetics

THREAD DESIGN

Double lead thread design with an optimal 1.2 pitch for fast implant insertion. The threads increase in the apical direction

CLINICAL ADVANTAGES:

- Easy Insertion
- Self-Tapping
- High Primary Stability
- Self-Drilling
- Bone Condensing
- Allows placement of the implant into small diameter osteotomes



HIGH ESTHETICS

Platform shifting enables high esthetics via "soft tissue management"

MACHINED NECK

The machined neck helps prevent peri-implantitis. Machined neck height is 1.5mm

SUPPORTING OSSEOINTEGRATION

Cylindrical shape promotes long-term osseointegration by enlarging surface area and bone to implant contact

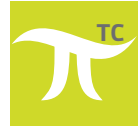
AGGRESSIVE APICAL THREADS

allow for more aggressive bone engagement for indications such as immediate extraction sockets, poor bone quality, and immediate loading

NARROW PLATFORM		STANDARD PLATFORM				WIDE PLATFORM	
3.25mm D		3.75mm D	4.2mm D	5.0mm D		6.0mm D	
L mm		L mm		L mm		L mm	
			6.0 mm	6.0 mm	29-70011*	6.0 mm	29-70022*
		8.0 mm	8.0 mm	8.0 mm	29-70012	8.0 mm	29-70023
10.0 mm	29-70018	10.0 mm	10.0 mm	10.0 mm	29-70013	10.0 mm	29-70024
11.5 mm	29-70019	11.5 mm	11.5 mm	11.5 mm	29-70014	11.5 mm	29-70025
13.0 mm	29-70020	13.0 mm	13.0 mm	13.0 mm	29-70015	13.0 mm	29-70026
16.0 mm	29-70021	16.0 mm	16.0 mm	16.0 mm	29-70016	16.0 mm	29-70027

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*Not Currently Available in the US.



INTERNAL HEXAGONAL CONNECTION

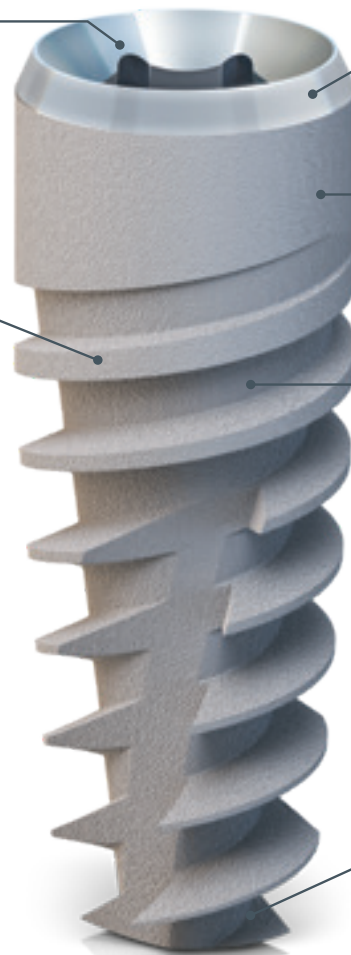
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- Allows placement of the implant into small diameter osteotomes



HIGH ESTHETICS

Platform shifting enables high esthetics via "soft tissue management"

TOTAL COVERAGE

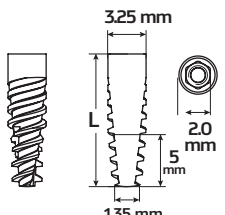
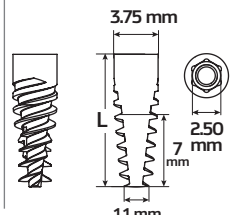
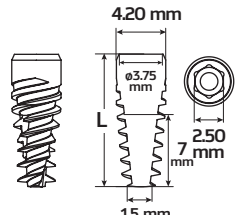
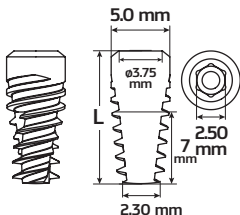
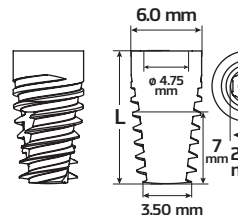
Total coverage surface treatment. Surface treatment to the top of the implant

SUPPORTING OSSEOINTEGRATION

Cylindrical shape promotes long-term osseointegration by enlarging surface area and bone to implant contact

AGGRESSIVE APICAL THREADS

allow for more aggressive bone engagement for indications such as immediate extraction sockets, poor bone quality, and immediate loading

NARROW PLATFORM		STANDARD PLATFORM				WIDE PLATFORM			
3.25mm D		3.75mm D		4.2mm D		5.0mm D		6.0mm D	
L mm		L mm		L mm		L mm		L mm	
				6.0 mm	29-70005TC*	6.0 mm	29-70011TC*	6.0 mm	29-70022TC*
		8.0 mm	29-70017TC	8.0 mm	29-70006TC	8.0 mm	29-70012TC	8.0 mm	29-70023TC
10.0 mm	29-70018TC	10.0 mm	29-70001TC	10.0 mm	29-70007TC	10.0 mm	29-70013TC	10.0 mm	29-70024TC
11.5 mm	29-70019TC	11.5 mm	29-70002TC	11.5 mm	29-70008TC	11.5 mm	29-70014TC	11.5 mm	29-70025TC
13.0 mm	29-70020TC	13.0 mm	29-70003TC	13.0 mm	29-70009TC	13.0 mm	29-70015TC	13.0 mm	29-70026TC
16.0 mm	29-70021TC	16.0 mm	29-70004TC	16.0 mm	29-70010TC	16.0 mm	29-70016TC	16.0 mm	29-70027TC
									

*Not Currently Available in the US.

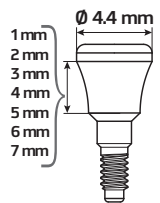
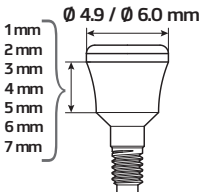
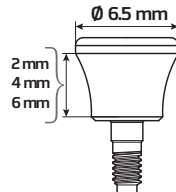


PROSTHETIC COMPONENTS

INTERNAL
HEX
CONNECTION

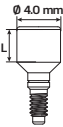
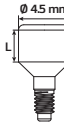
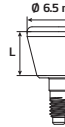
CONCAVE HEALING CAPS

Healing Caps are positioned at the rehabilitation site for a healing period of 6-16 weeks to help create the desired emergence profile of the standard and anatomic abutments. This prepares the site for abutment placement.

NARROW PLATFORM								
	For $\varnothing$ 4.0 mm	1mm	2mm	3mm	4mm	5mm	6mm	7mm
								
		55-70009	55-70010	55-70011	55-70014	55-70015	55-70018	55-70019
STANDARD PLATFORM								
	For $\varnothing$ 4.5 mm	1mm	2mm	3mm	4mm	5mm	6mm	7mm
								
		55-70003	55-70001	55-70004	55-70002	55-70013	55-70020	55-70021
	For $\varnothing$ 5.5 mm							
		55-70005	55-70006	55-70007	55-70008	55-70016		
WIDE PLATFORM								
	For $\varnothing$ 6.5 mm	2mm	4mm	6mm				
								
		55-70022	55-70023	55-70024				

STRAIGHT HEALING CAPS

PALTOP Straight Healing Caps are positioned at the top of the implant for fixed removable denture cases in order to help creating the emergence profile of the Locator Abutment.

NARROW PLATFORM				STANDARD PLATFORM				WIDE PLATFORM			
	2mm	3mm	5mm		2mm	3mm	5mm		2mm	4mm	6mm
											
$\varnothing$ 4.0mm	55-70028	55-70029	55-70030	$\varnothing$ 4.5 mm	55-70025	55-70026	55-70027	$\varnothing$ 6.5 mm	55-70031	55-70032	55-70033
											
$\varnothing$ 5.5 mm				$\varnothing$ 5.5 mm	55-70034	55-70035	55-70036				

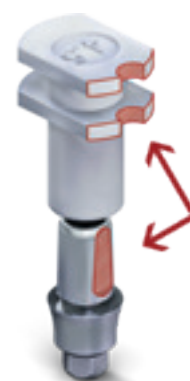
IMPRESSION COPINGS

PALTOP impression coping components fit the concave profile and match the complete PALTOP prosthetic line.

The PALTOP impression coping is attached to the implant, and then a mold or impression is taken of the patient's mouth to accurately record the position and orientation of the implant within the mouth.

The PALTOP Analog is used to assist and create

a plaster model or analog of the mouth and/or implant site and provides the information needed to fabricate the prosthetic replacement tooth and any required intermediate prosthetic components. Scan abutments are intended for digital impression using an intra-oral scanner.

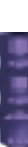


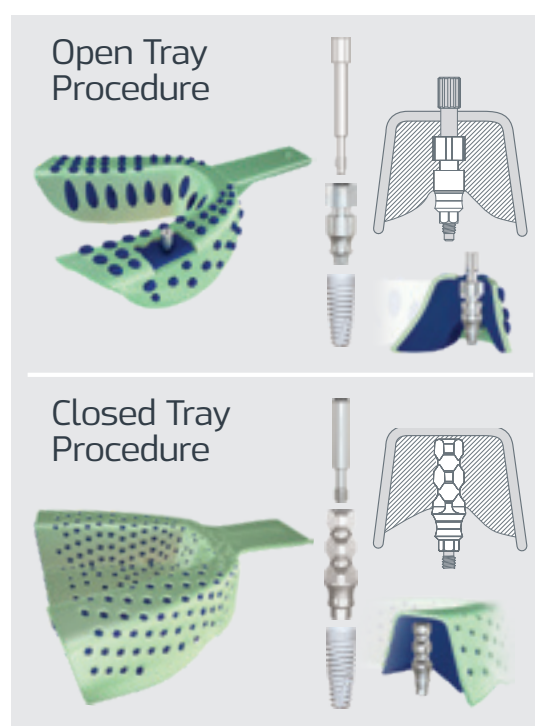
NARROW PLATFORM				
IMPRESSION COPINGS				
Open Tray	Open Tray Slim, Tall	Slim Open Tray	Closed Tray	Analog
New Design	Coming Soon			
				
56-70016	56-70046	56-70033	56-70017	56-70015

Narrow Platform Scan Abutment	Narrow Platform Digital Analog	Plastic Snap-on Closed Tray Impression Coping
New Design		
		
30-70102	30-70502	56-70035

STANDARD PLATFORM								
IMPRESSION COPINGS Ø4.5								IMPRESSION COPINGS Ø6.0
Open Tray	Open Tray Slim, Tall	Slim Open Tray	Short Slim Open Tray	Angulated Closed Tray 15°	Angulated Closed Tray 25°	Closed Tray	Analog	Open Tray
New Design	Coming Soon			NEW	NEW			Coming Soon
								

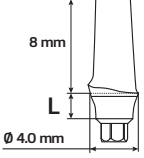
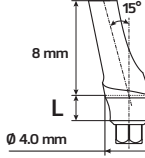
STANDARD PLATFORM		
Standard Platform Scan Abutment	Standard Platform Digital Analog	Plastic Snap-on Closed Tray Impression Coping
New Design		
		
30-70101	30-70501	56-70034

WIDE PLATFORM					
IMPRESSION COPINGS					
Open Tray	Closed Tray	Analog	Wide Platform Scan Abutment	Wide Platform Digital Analog	Plastic Snap-on Closed Tray Impression Coping
New Design			New Design		
					
56-70029	56-70030	56-70028	30-70106	30-70506	56-70036

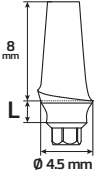
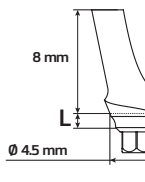


TEMPORARY PEEK ABUTMENTS

PEEK components are used for short term rehabilitation. PALTOP's expanded product line of Plastic Temporary Abutments is fabricated from an esthetic tooth-colored polymer which is easily modified and works well with common temporary materials including acrylic and composite. The PEEK abutments' polymer is one of the most chemically resistant polymers available and exhibits a superior combination of strength, stiffness and toughness making it ideally suited for medical device applications. PALTOP's PEEK abutments present a simple and esthetic solution for soft tissue management.

NARROW PLATFORM						
STRAIGHT				ANGULATED 15°		
	1mm	2mm	3mm		1mm	2mm 3mm
						 
	45-70020*	45-70021*	45-70022*		45-70023*	45-70024* 45-70025*

* Not Currently Available in the US.

STANDARD PLATFORM						
STRAIGHT				ANGULATED 15°		
	1mm	2mm	3mm		1mm	2mm 3mm
						 
	45-70001	45-70002	45-70003		45-70006	45-70007 45-70008

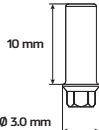
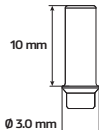
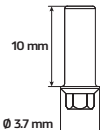
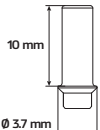
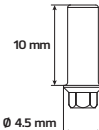
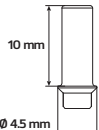
TEMPORARY TITANIUM ABUTMENTS

A new titanium temporary abutment for screw-retained restorations is now available for engage and non-engage connections for the Advanced SP and NP implants.

NARROW PLATFORM		STANDARD PLATFORM		WIDE PLATFORM	
Engage	Non-Engage	Engage	Non-Engage	Engage	Non Engage
					
45-70031	45-70032	45-70029	45-70030	45-70042	45-70043

FULLY CASTABLE ABUTMENTS

Castable components are intended for use by the dental technician for constructing the prosthetic restoration. PALTOP's Castable Abutments are fabricated from Acetal polymer and Polycarbonate, an easily modified polymer.

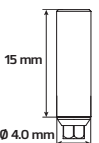
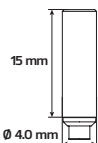
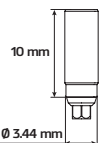
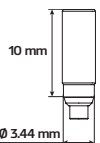
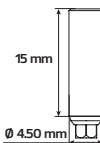
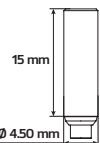
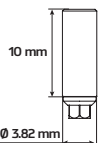
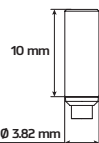
NARROW PLATFORM		STANDARD PLATFORM		WIDE PLATFORM	
Engage	Non-Engage	Engage	Non-Engage	Engage	Non-Engage
					
46-70012*	46-70017*	46-70013*	46-70018*	46-70033*	46-70034*
					

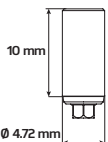
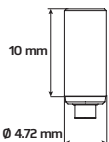
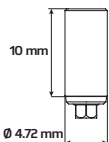
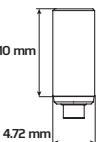
* Not Currently Available in the US.

CASTABLE ABUTMENTS

Paltop's Gold Base and Cobalt Chrome Castable Abutments may be used for casting individual abutments and screw-retained crowns/bridges directly to the implant connection.

The Castable abutments come with a burn-out plastic cylinder for casting.

NARROW PLATFORM				STANDARD PLATFORM			
Gold Base		Cobalt Chrome		Gold Base		Cobalt Chrome	
Engage	Non-Engage	Engage	Non-Engage	Engage	Non-Engage	Engage	Non-Engage
							
46-70019	46-70021	40-70078*	40-70178*	46-70020	46-70022	40-70077*	40-70177*
							

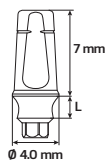
WIDE PLATFORM			
Gold Base		Cobalt Chrome	
Engage	Non-Engage	Engage	Non-Engage
			
46-70041	46-70042	40-70174*	40-70175*
			

* Not Currently Available in the US.

STRAIGHT TITANIUM ABUTMENTS

NARROW PLATFORM

Concave Abutments Ø 4.0 mm



1mm



40-70024

2mm



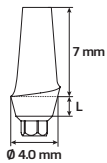
40-70025

3mm



40-70026

Anatomic Abutments Ø 4.0 mm



1mm



40-70053

2mm



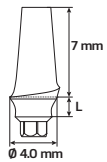
40-70054

3mm



40-70055

Anatomic Concave Abutments Ø 4.0 mm



1mm



40-70056

2mm



40-70057

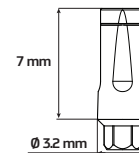
3mm



40-70058

Knife Edge

Slim



40-70311

Coming Soon

STANDARD PLATFORM

Concave Abutments Ø 4.5 mm

1mm



40-70001

2mm



40-70002

3mm

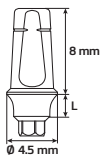


40-70003

4mm



40-70012



Anatomic Abutments Ø 4.5 mm

1mm



40-70041

2mm

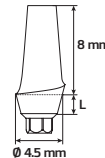


40-70042

3mm



40-70043



Concave Abutments Ø 5.5 mm

1mm



40-70014

2mm

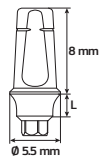


40-70015

3mm



40-70016



Anatomic Concave Abutments Ø 4.5 mm

1mm



40-70044

2mm

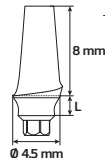


40-70045

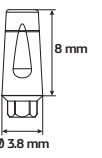
3mm



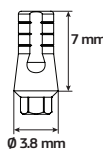
40-70046



Slim Knife Edge



40-70013



40-70115

WIDE PLATFORM

Anatomic Abutments Ø 6.5 mm

1mm



40-70124

2mm



40-70125

3mm

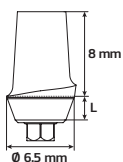


40-70126

4mm



40-70127



Anatomic Concave Abutments Ø 6.5 mm

1mm



40-70120

2mm



40-70121

3mm

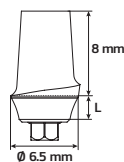


40-70122

4mm



40-70123



The Straight Abutment is intended for placing a tooth replacement both on the anterior and posterior locations. The Straight Abutments are symmetric in shape and allow modification by the dental technician to achieve accurate fitting to the prosthesis. The anatomic abutments resemble the natural gingival margin of a tooth and include a prepared anatomic margin (shoulder). PALTOP's anatomic abutments allow for better achievement of individual esthetics and easier adaptation for fitting by the dental technician. Due to their special shape, the anatomic abutments are advantageous when used for anterior teeth.

ANGULATED TITANIUM ABUTMENTS

PALTOP offers angulated abutments: 15° or 25° for standard platform and 15° or 20° for narrow platform, for accurate accommodation to the rehabilitation position.

Additional modification of the abutment may be done for accurate fitting.

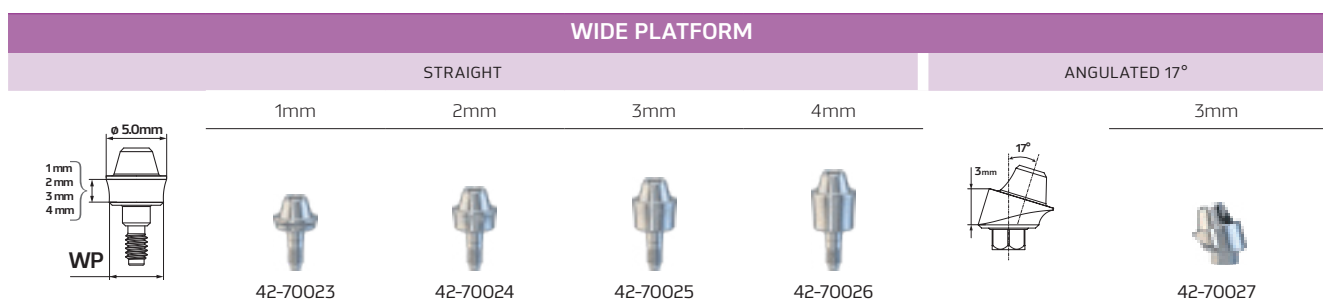
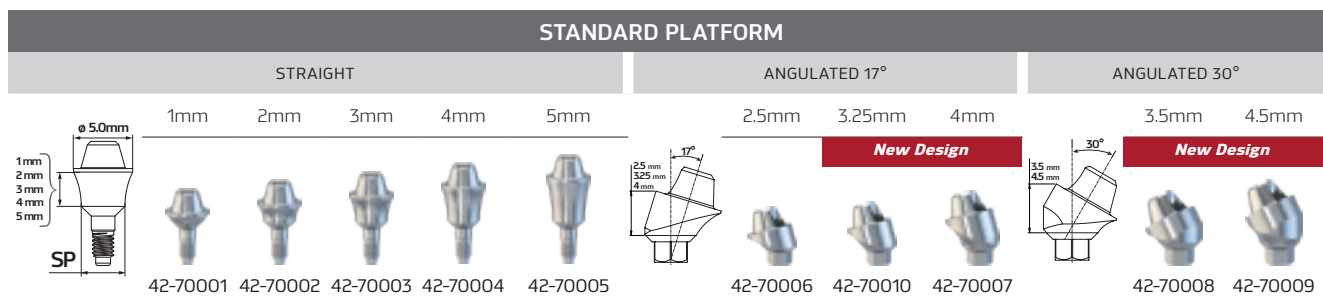
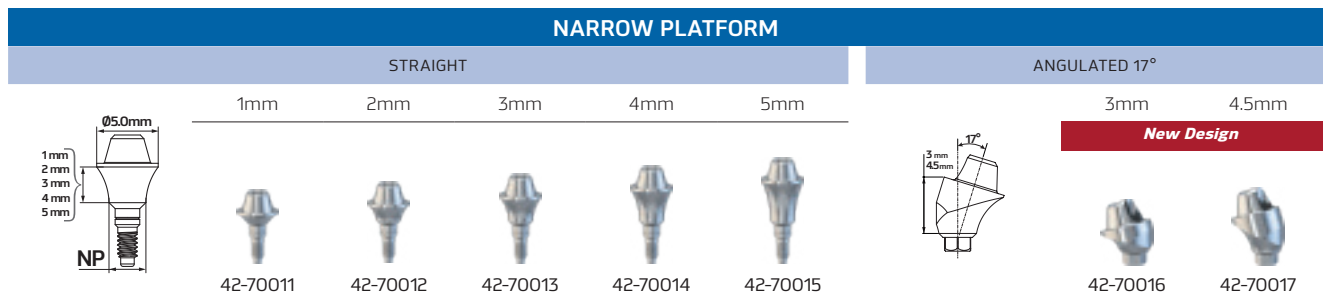
NARROW PLATFORM										
15° Anatomic Angulated Abutments					15° Anatomic Concave Angulated Abutments					
	1mm	2mm	3mm		1mm	2mm	3mm			
	40-70027	40-70028	40-70029		40-70059	40-70060	40-70061			
20° Anatomic Angulated Abutments					20° Anatomic Concave Angulated Abutments					
	1mm	2mm	3mm		1mm	2mm	3mm			
	40-70030	40-70031	40-70032		40-70062	40-70063	40-70064			
Knife Edge										
	15°					20°				
	40-70312					40-70313				
STANDARD PLATFORM										
15° Anatomic Angulated Abutments					15° Anatomic Concave Angulated Abutments					
	1mm	2mm	3mm		1mm	2mm	3mm	4mm		
	40-70006	40-70007	40-70008		40-70047	40-70048	40-70049	40-70074		
25° Anatomic Angulated Abutments					25° Anatomic Concave Angulated Abutments					
	1mm	2mm	3mm		1mm	2mm	3mm			
	40-70009	40-70010	40-70011		40-70050	40-70051	40-70052			
Knife Edge 15°					Knife Edge 25°					
	15°					25°				
	40-70004					40-70005				

MULTI-UNIT

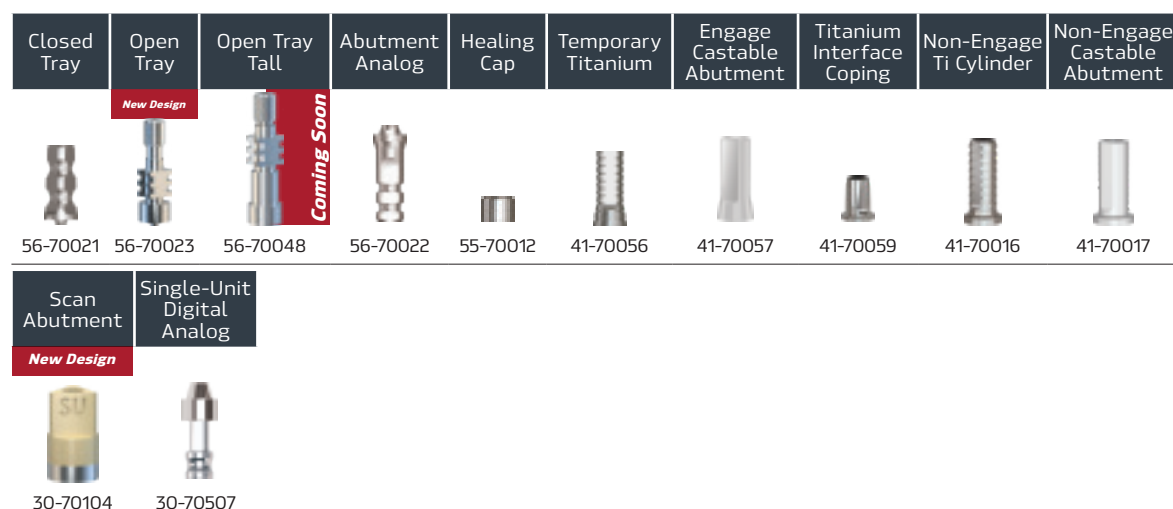
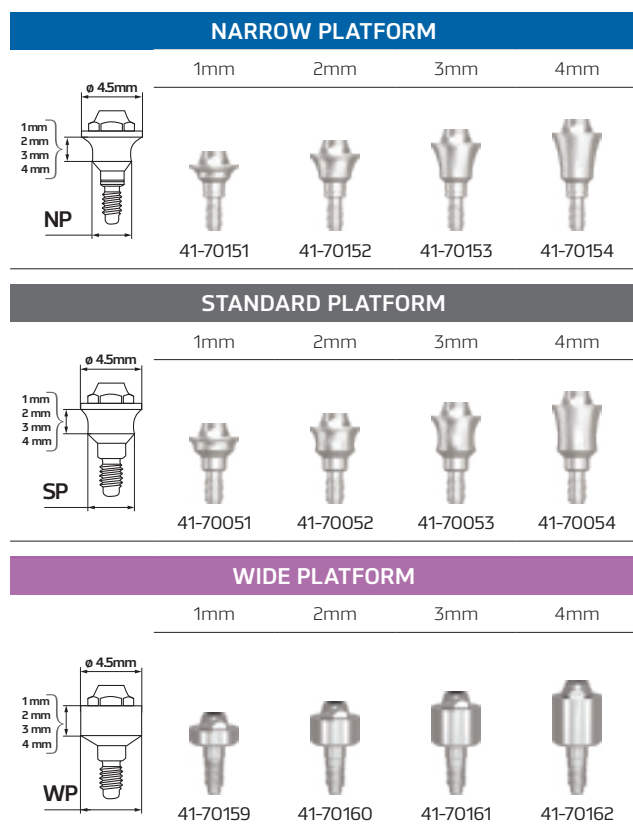
The PALTOP Multi-Unit system provides a wide range of solutions for screw-retained restorations.

PALTOP offers a variety of gingival heights for the Multi-Unit abutment. Straight and angulated Multi-Unit abutments are available for different implant angulation positions. The Multi-Unit abutment is available for both narrow and standard implant platforms.

The PALTOP angulated Multi-Unit abutment is one of the only systems that allows torquing the restoration to 30 Ncm, which ensures the stability of the restoration.



SINGLE-UNIT



A unique system for a single implant tooth restoration.

System Benefits

- The single-unit abutment is connected to the implant immediately after implant placement or implant uncovering. The single-unit abutment's size is chosen according to the gingival height. Once connected, the single-unit abutment and the implant function as one integrated unit (One Abutment - One Time)
- All the prosthetic steps are carried out at tissue level. This is a significant advantage both to patient and dentist.
- The concave profile of the single-unit abutment enables maturation of the soft tissue in a thicker and stable form.
- As the single-unit abutment is a solid piece (no screw hole), it eliminates penetration of any bacteria and other contaminants to the implant-abutment interface.

PROTECTIVE ABUTMENT APRON



Place over the abutment to act as an apron to prevent acrylic from locking onto the abutment and Implant & for an easy cleanup of cement.

TITANIUM BASES ROUND

The Ti-Base for individual abutments or screw retained crown & bridge serves as a connector between the implant and its final restoration, enabling CAD/CAM customized solutions, with high precision and excellent esthetic results.

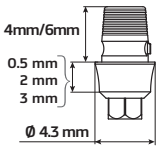
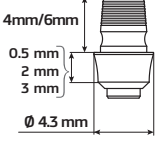
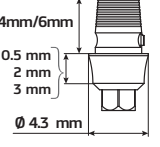
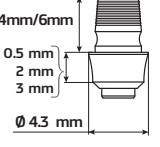
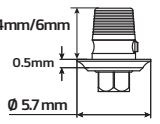
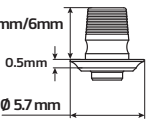
Paltop Ti-Bases of variable gingival heights provide solutions for cases of different gingival thickness and clinical procedures. The titanium

base has Paltop's unique concave design enabling the soft tissue to form a dense layer surrounding the transgingival interconnection.

Short gingival height will be useful when the final restoration is close to the implant level, whilst long gingival height will be useful in cases when a high emergence profile is required (e.g. Sub-crestal placement).

Ti bases are available in a number of design options:

1. **Titanium Bases Round**
(recommended for posterior teeth). Compatible with Sirona for the 4mm length only.
2. **Titanium Bases Round Anterior**
(recommended for anterior teeth)
3. **Titanium Bases Square**

NARROW PLATFORM						
Engage	LENGTH = 4 MM			LENGTH = 6 MM		
	0.5mm	2mm	3mm	0.5mm	2mm	3mm
						
	40-70215	40-70295	40-70217	40-70219	40-70297	40-70221
Non Engage	LENGTH = 4 MM			LENGTH = 6 MM		
	0.5mm	2mm	3mm	0.5mm	2mm	3mm
						
	40-70216	40-70296	40-70218	40-70220	40-70298	40-70222
STANDARD PLATFORM						
Engage	LENGTH = 4 MM			LENGTH = 6 MM		
	0.5mm	2mm	3mm	0.5mm	2mm	3mm
						
	40-70207	40-70291	40-70209	40-70211	40-70293	40-70213
Non Engage	LENGTH = 4 MM			LENGTH = 6 MM		
	0.5mm	2mm	3mm	0.5mm	2mm	3mm
						
	40-70208	40-70292	40-70210	40-70212	40-70294	40-70214
WIDE PLATFORM						
Engage	LENGTH = 4 MM		LENGTH = 6 MM			
	0.5mm		0.5mm			
						
	40-70223	40-70225				
Non-Engage	LENGTH = 4 MM		LENGTH = 6 MM			
	0.5mm		0.5mm			
						
	40-70224	40-70226				

TITANIUM BASES ROUND ANTERIOR



NARROW PLATFORM

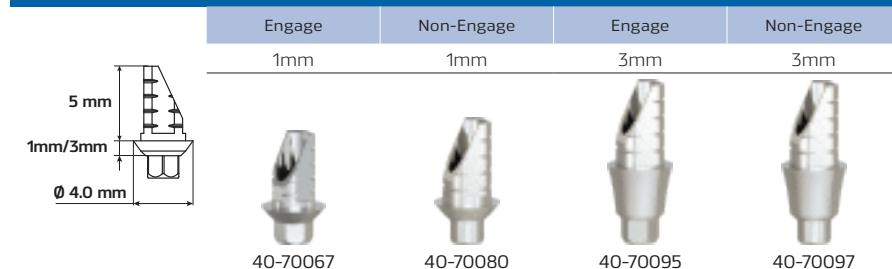


STANDARD PLATFORM

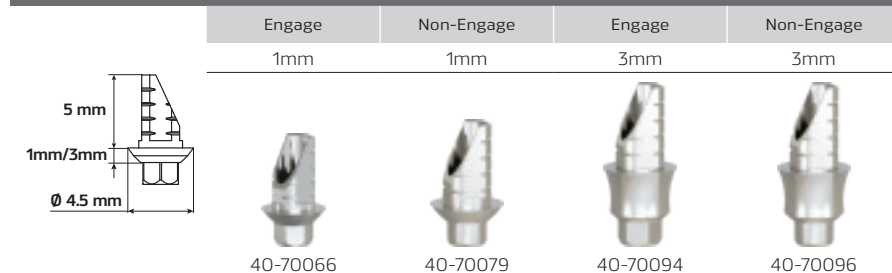


TITANIUM BASES SQUARE

NARROW PLATFORM



STANDARD PLATFORM



WIDE PLATFORM



ANGULATION CORRECTIVE SYSTEM (ACS)



ACS abutments are for precision manufactured CAD/CAM screw retained restorations where angulation of the screw access hole is required for improved aesthetics and/or function.

The ACS system permits angulation of the screw access hole up to 20 degrees. This is achieved with the aid of a special designed abutment screw & screwdriver (hand or ratchet) to facilitate precise tightening of the abutment screw at the required torque.

- The ACS system offers the dental technician control over the desired position of the screw access hole, this is beneficial in the anterior segment to ensure the screw access hole is in the cingulum area without compromising the buccal aspect of the soft tissue with the use of an angulated abutment.
- In the posterior segment the ACS system can offer a mesially inclined screw access hole for easy entry in cases where there is limited inter occlusal space.
- Angulation of the screw access hole to the palate or lingual aspect in the posterior zone will facilitate an uncompromised occlusal surface for improved aesthetics & function.

NARROW PLATFORM	
Engage	LENGTH = 4 MM
1mm 3mm	
40-70231	40-70233
Non Engage	LENGTH = 4 MM
1mm 3mm	
40-70232	40-70234

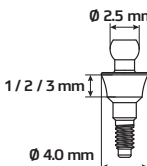
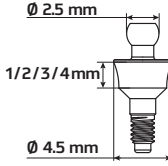
STANDARD PLATFORM	
Engage	LENGTH = 4 MM
1mm 3mm	
40-70227	40-70229
Non Engage	LENGTH = 4 MM
1mm 3mm	
40-70228	40-70230

Screw NP	Screw SP
80-70038	80-70037
Manual Hex Driver	Hex Driver for Ratchet
60-70152	60-70153



BALL ABUTMENTS

PALTOP's Ball Abutments are intended for retaining a removable denture. They are attached to the denture via a nylon fitting that is embedded inside the denture and snaps over the ball. PALTOP offers different gingival heights and a variety of complementary products.

NARROW PLATFORM			STANDARD PLATFORM					
	1mm	2mm	3mm		1mm	2mm	3mm	4mm
								
40-70033	40-70034	40-70035		40-70017	40-70018	40-70019	40-70290	
Ball Attachment Green Nylon Fitting (Very Elastic-350gr)	Ball Attachment Yellow Nylon Fitting (Extra Soft - 500gr)	Ball Attachment Pink Nylon Fitting (Soft - 900gr)	Ball Attachment Transparent Nylon Fitting (Standard -1300gr)	Metal Case		Ball Abutment Analog		
								
40-70131	40-70132	40-70023	40-70065	40-70022	56-70013			

LOCATOR ABUTMENTS



For over 30 years, ZEST Anchors have been a global leader in the manufacturing of dental implant attachments.

The LOCATOR Implant Attachment is the premier system for implant retained overdentures, with the benefit of combating the damage done by the improper seating of overdentures. For straight healing caps see page 16.

NARROW PLATFORM						STANDARD PLATFORM					
1mm	2mm	3mm	4mm	5mm	6mm	1mm	2mm	3mm	4mm	5mm	6mm
											
40-70088	40-70089	40-70090	40-70091	40-70092	40-70093	40-70082	40-70083	40-70084	40-70085	40-70086	40-70087
LOCATOR Male Processing Package		LOCATOR Extended Range Male Processing Package		LOCATOR Impression Coping		LOCATOR Female Analog Dia 4mm		LOCATOR Core Tool			
											
40-70081		40-70112		56-70026		56-70027		60-70133			

EQUATOR ABUTMENTS



The unique concave design and exceptionally low 2.1mm profile of the Equator Abutments system provides exceptional stability and superior retention when compared with other attachment systems. Caps are available in a wide variety of retention levels.

NARROW PLATFORM

0.5mm 1mm 2mm 3mm 4mm 5mm 6mm



40-70244 40-70245 40-70246 40-70247 40-70248 40-70249 40-70250

STANDARD PLATFORM

0.5mm 1mm 2mm 3mm 4mm 5mm 6mm



40-70237 40-70238 40-70239 40-70240 40-70241 40-70242 40-70243

WIDE PLATFORM

0.5mm 1mm 2mm 3mm 4mm 5mm 6mm



40-70251 40-70252 40-70253 40-70254 40-70255 40-70256 40-70257

**ALL EQUATORS
ARE DELIVERED
STERILE AND
READY FOR USE!**



Stainless Steel Housing	Retentive Cap Rigid-2700gr, Violet	Retentive Cap Standard-1800gr, Clear	Retentive Cap Soft-1200 gr, Pink	Retentive Cap Extra Soft-600gr, Yellow	Retentive Cap for Lab, Black	Smart Box Housing With Black Cap	Protective Disc, Clear	Protective Disc, Pink
40-70287	40-70282	40-70283	40-70284	40-70285	40-70286	40-70305	40-70288	40-70289

Impression Coping	Analog	Core Tool	Equator Retentive Cap Assortment Kit	Equator Retentive Cap Smartbox Assortment Kit
56-70042	56-70041	60-70161	40-70306	40-70307

SNAP-ON ABUTMENT SYSTEM



▪ SNAP-ON IMPRESSION COPING

The Snap-on Impression Coping snaps onto the abutment allowing the doctor to use a closed tray impression technique. The Snap-on impression coping with its ease-of-use, allows for an accurate and quick impression.

▪ SNAP-ON ANALOG

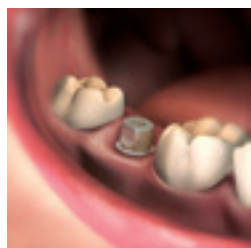
The Snap-on Analog securely snaps into the impression coping that is in the impression. The Analog may be scanned by an optical scanner in the laboratory for the manufacture of a CAD/CAM crown.

▪ SNAP-ON TEMPORARY CAP

The Snap-on Temporary Cap is made from PEEK and can be used as a healing cap, or as a base for a temporary crown.

SNAP-ON ABUTMENT SYSTEM ADVANTAGES:

- Can be used in both anterior and posterior areas of the mouth for cement-retained single-unit crowns
- Can be used as the final abutment, or provisionalized chairside using the Snap-on Temporary Cap
- Everything in one package - all necessary components to complete the restorative procedure
- Concave emergence profile for increased soft-tissue volume and higher aesthetics
- Available in 4.0mm and 5.5mm abutment heights
- Developed with ease-of-use in mind



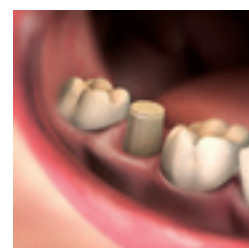
The abutment is placed into the implant and the retaining screw is torqued into place.
(see the torque chart on the page below)



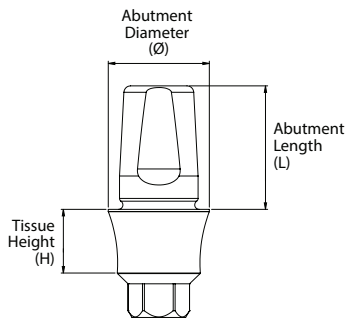
The Snap-on impression coping snaps onto the abutment.



The Snap-on impression coping is picked up in the impression with a close tray impression technique.



The Snap-on Temporary Cap is placed onto the Snap-on Abutment for the duration of the healing phase, or can be provisionalized with a temporary crown.



Screw Platform	Torque (N-cm)
SP / WP Abutment Screws	30-35
NP Abutment Screw	25-30
Conical Abutment Screw	25

NARROW PLATFORM			
Cat NO.	Ø (mm)	L (mm)	H (mm)
44-70021	4.5	4.0	1
44-70022	4.5	4.0	2
44-70023	4.5	4.0	3
44-70024	4.5	4.0	4
44-70025	4.5	4.0	5
44-70026	4.5	5.5	1
44-70027	4.5	5.5	2
44-70028	4.5	5.5	3
44-70029	4.5	5.5	4
44-70030	4.5	5.5	5

WIDE PLATFORM			
Cat NO.	Ø (mm)	L (mm)	H (mm)
44-70041	6.0	4.0	1
44-70042	6.0	4.0	2
44-70043	6.0	4.0	3
44-70044	6.0	5.5	1
44-70045	6.0	5.5	2
44-70046	6.0	5.5	3

STANDARD PLATFORM			
Cat NO.	Ø (mm)	L (mm)	H (mm)
44-70001	4.5	4.0	1
44-70002	4.5	4.0	2
44-70003	4.5	4.0	3
44-70004	4.5	4.0	4
44-70005	4.5	4.0	5
44-70006	4.5	5.5	1
44-70007	4.5	5.5	2
44-70008	4.5	5.5	3
44-70009	4.5	5.5	4
44-70010	4.5	5.5	5
44-70011	6.0	4.0	1
44-70012	6.0	4.0	2
44-70013	6.0	4.0	3
44-70014	6.0	4.0	4
44-70015	6.0	4.0	5
44-70016	6.0	5.5	1
44-70017	6.0	5.5	2
44-70018	6.0	5.5	3
44-70019	6.0	5.5	4
44-70020	6.0	5.5	5



NT TRADING FOR PALTOP



NT Trading for PALTOP products should be used with the NT Trading for PALTOP libraries which can be found on PALTOP's website under "Digital Service".

NARROW PLATFORM			
Scan Abutment	Blank Abutment	Digital Analog	Mill Lab Analog
			
30-70108	30-70235	30-70510	30-70239

STANDARD PLATFORM			
Scan Abutment	Blank Abutment	Digital Analog	Mill Lab Analog
			
30-70107	30-70234	30-70509	30-70238

WIDE PLATFORM			
Scan Abutment	Blank Abutment	Digital Analog	Mill Lab Analog
			
30-70109	30-70236	30-70511	30-70240

NT-Trading Libraries for PALTOP are compatible with the following milling machines:	
Avamill-Chrome®	IMES-ICORE® 250i und 350i
Datron D5®	KAVO Everest
Datron M7®	Manix GMD 200
Datron NT98®	MB Maschinen
Dental concept systems® DC5 für Automation	Organical
Dental concept systems® DC5 ohne Automation	Primacon 24cc
DooWoon	Röders RXD®
Dyamach® DT 2	Sauer ULTRASONIC 20®
GF Agie Charmilles HSM 200	VHF Camfacture für VHF N4
GF Agie Charmilles HSM 400	VHF Camfacture für VHF S1/S2
Mikron 200	VHF Camfacture für VHF R5 (coming soon)
HAAS Automation®	VHF Camfacture für VHF Z4 (coming soon)
HINT-ELS HINT-ELS	Willemin-Macodel®
HINT-ELS Preform inkl. Zirconhalter	Wissner
IMES-ICORE® 140	Yenadent
IMES-ICORE® 210	ZFX

SCREWS

NARROW PLATFORM				
Open Tray		Closed Tray	Abutment Screw	ACS Screw
Impression Coping Slim Screw	Impression Coping Screw for Ratchet	Impression Coping Screw		
				
80-70033	80-70008	80-70009	80-70010	80-70038

WIDE PLATFORM		
Closed Tray	Open Tray	Abutment Screw
Impression Coping Screw	Impression Coping Screw	
		
80-70004	80-70036	80-70002

STANDARD PLATFORM					
Open Tray			Closed Tray	Abutment Screw	ACS Screw
Impression Coping Slim Screw Short	Impression Coping Slim Screw	Impression Coping Screw for Ratchet	Impression Coping Screw		
					
80-70031	80-70032	80-70003	80-70004	80-70002	80-70037

MULTI-UNIT		
Screw	Open Tray Screw	Closed Tray Screw
		
80-70005	80-70006	80-70002

MILLING BLANKS

PALTOP FOR AMANN GIRRBACH



Paltop products for Amann Girrbach should be used with the "Paltop Libraries" - for use with Paltop Scan Abutments" which can be found on PALTOP's website under "Digital Service".



Narrow Platform

Blank Abutment



30-70222

Standard Platform

Blank Abutment



30-70221

Wide Platform

Blank Abutment



30-70228

IMMEDIATE TITANIUM TEMPORARY ABUTMENT

NEW

Non-engaging abutment for support of an immediate temporary restoration with a simple prosthetic protocol. Offers an immediate solution for a wide variety of temporary restorations without the need for titanium modification.

Immediate Titanium Temporary Abutment Advantages:

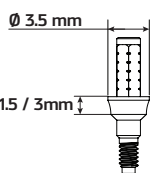
- The abutment allows for efficient fabrication of a temporary crown with no rotational forces being applied, due to it being a cement-retained temporary restoration
- The abutment insertion has been designed with ease-of-use in mind



NARROW PLATFORM

1.5mm

3mm



45-70036



45-70038

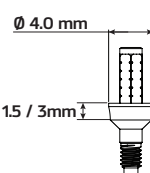
STANDARD PLATFORM

1.5mm

3mm

Wide

3mm



45-70033



45-70035

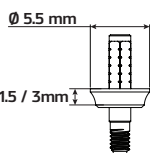


45-70050

WIDE PLATFORM

1.5mm

3mm



45-70048



45-70049

HEX DRIVER FOR IMMEDIATE
TEMPORARY ABUTMENT



60-70244



PALTOP
IMPLANT SYSTEM

PALTOP CONICAL ACTIVE

The PALTOP Conical Implant System has all the advantages of the PALTOP Advanced Implant System and more.

The development of the PALTOP Conical Implant is a result of our 5 years of success with the PALTOP Advanced Dental Implant combined with the introduction of a unique conical connection design.

PALTOP's unique geometrical implant body design and thread profile increases initial stability and promotes bone healing.

PALTOP CONICAL CONNECTION ADVANTAGES

1. One platform:

Minimizes the number of prosthetic connections while providing a variety of prosthetic options

2. Ideal platform shifting:

Platform shifting enables high esthetics via "soft tissue management". It also helps to prevent bone loss by distancing the abutment connection from the bone to implant interface

3. Material specifications:

Titanium Grade 5 Superior material mechanical properties enable engineering possibilities to design a better seal

4. Optimal seal:

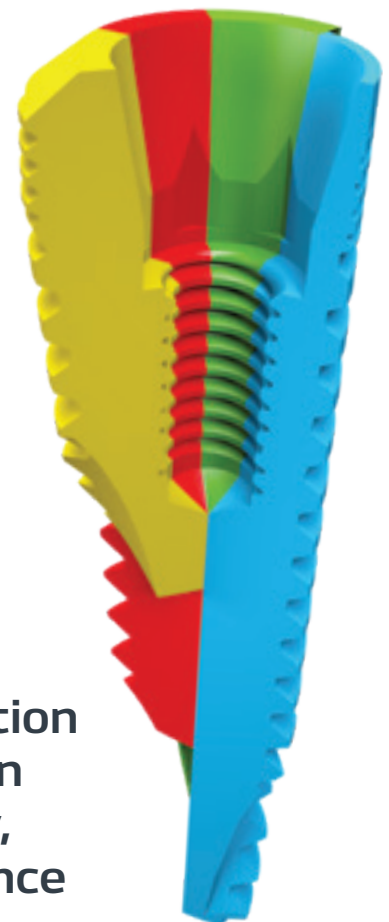
The PALTOP 22° conical angle creates an optimal seal against bacterial endotoxin leakage, while maintaining excellent retention

5. Simplified surgery:

One Surgical Kit for all implant designs

6. Proven prosthetic anti-rotational feature:

Internal hex feature for connection orientation



The PALTOP Conical Connection was developed through an understanding of biology, engineering, materials science and practical clinical usage



UNIQUE CONICAL CONNECTION

MICRO THREADS

to reduce bone stresses and minimize bone resorption

SUPPORTING OSSEOINTEGRATION

Cylindrical shape promotes long-term osseointegration by enlarging surface area and bone to implant contact

INITIAL STABILITY

7mm tapered progressive thread aimed to enhance initial stability by creating bone compression

SLIGHTLY ACTIVE APEX

Allows easier insertion to the correct implant depth

PLATFORM SHIFTING AND PLATFORM SWITCHING

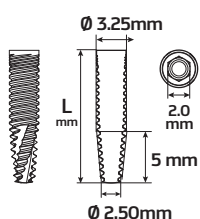
Enables soft tissue to grow, minimizes bone resorption and creates the optimal esthetic result

2 lead thread with optimal pitch of 0.8mm for fast implant insertion with better stability



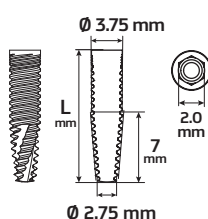
3.25mm D

L mm	
10.0mm	22-70018
11.5mm	22-70019
13.0mm	22-70020
16.0mm	22-70021



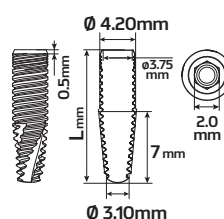
3.75mm D

L mm	
8.0mm	22-70017
10.0mm	22-70001
11.5mm	22-70002
13.0mm	22-70003
16.0mm	22-70004



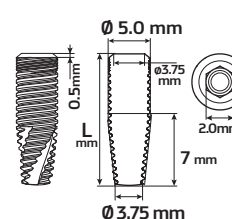
4.2mm D

L mm	
6.0mm	22-70005*
8.0mm	22-70006
10.0mm	22-70007
11.5mm	22-70008
13.0mm	22-70009
16.0mm	22-70010



5.0mm D

L mm	
6.0mm	22-70011*
8.0mm	22-70012
10.0mm	22-70013
11.5mm	22-70014
13.0mm	22-70015
16.0mm	22-70016



*Not Currently Available in the US.

CONCAVE HEALING CAPS

For Ø4.5 mm



For Ø6.0 mm



Healing Caps are positioned at the rehabilitation site for a healing period of 6-16 weeks to help create the desired emergence profile of standard and anatomic abutments. This prepares the site for abutment placement.

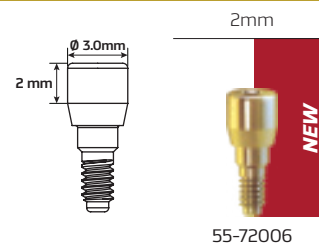
STRAIGHT HEALING CAPS

PALTOP Straight Healing caps are positioned at the top of the implant for fixed removable denture cases in order to help creating the emergence profile of the Locator Abutment.

For Ø4.5 mm



Slim



CASTABLE ABUTMENTS

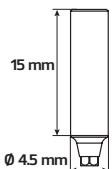
Gold Base

Engage

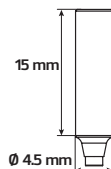
Non-Engage



46-72001



46-72002



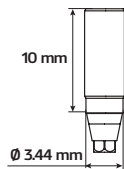
Cobalt Chrome

Engage

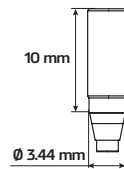
Non-Engage



40-72021*



40-72022*



Superior option for fabricating implant-level custom cast restorations.

PALTOP's Gold Base Castable Abutments may be used for casting individual abutments and screw-retained crowns/bridges directly to the implant connection. These abutment assemblies consist of a gold alloy interface implant connection for high accuracy and excellent sealing, and a burn-out plastic cylinder for casting.

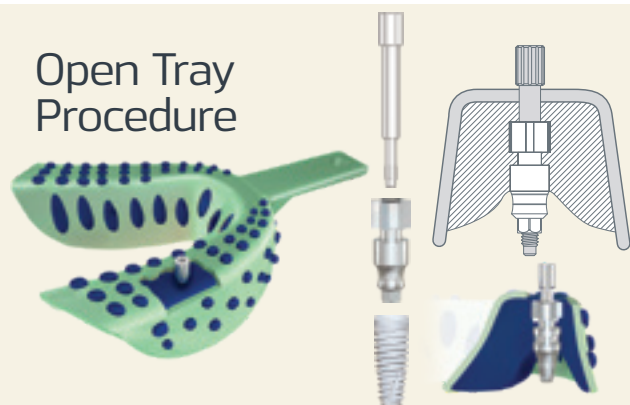
* Not Currently Available in the US.

IMPRESSION COPING

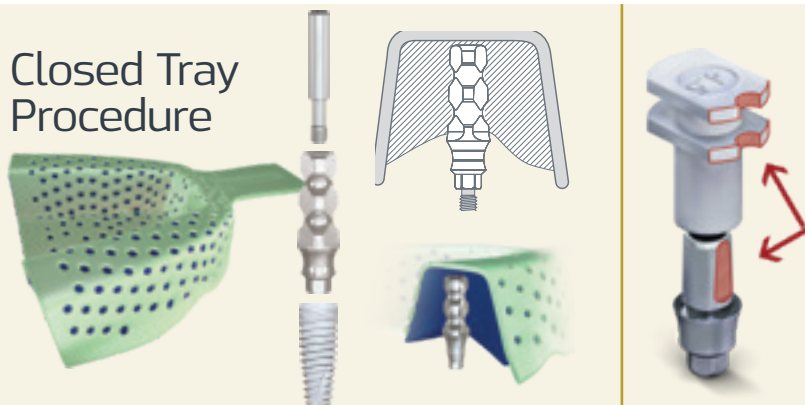
PALTOP impression coping components fit the concave profile and match the complete PALTOP prosthetic line.

Ø 4.5 mm				Ø 6.0 mm		Analog	Scan Abutment	PCA Digital Analog	Plastic Snap-on Closed Tray Impression Coping
Closed Tray	Open Tray	Open Tray Slim	Open Tray Slim Tall	Closed Tray	Open Tray				
	New Design		Coming Soon				New Design		
56-72145	56-72045	56-72046	56-72004	56-72160	56-72060	56-72011	30-70105	30-70503	56-72012

Open Tray Procedure



Closed Tray Procedure

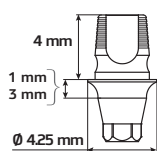


ANGULATION CORRECTIVE SYSTEM (ACS)

NEW

Engage

LENGTH = 4 MM



1mm

3mm

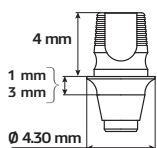


40-72054

40-72056

Non Engage

LENGTH = 4 MM



1mm

3mm



40-72055

40-72057

Manual Hex Driver	Hex Driver for Ratchet	Screw
60-70152	60-70153	80-72001



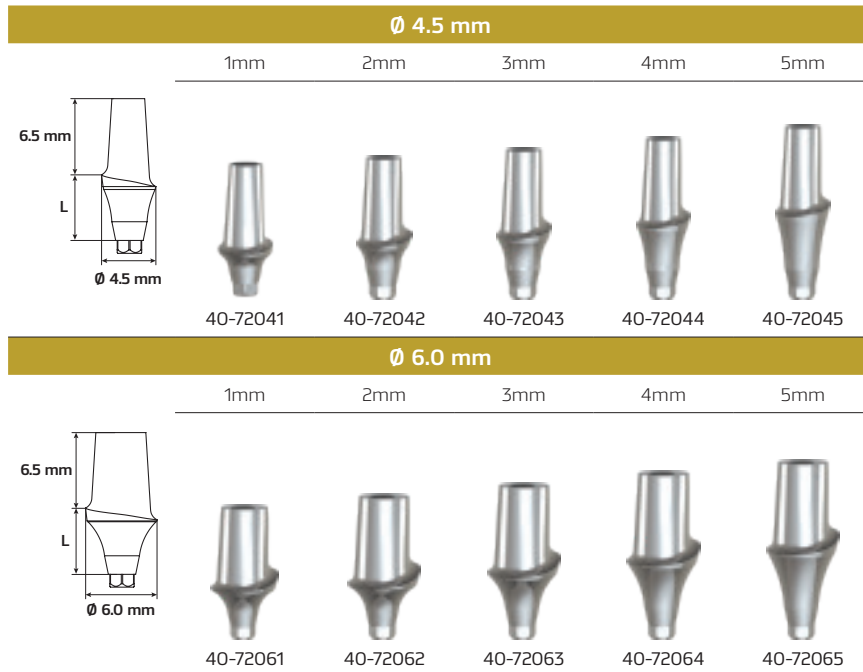
ACS abutments are for precision manufactured CAD/CAM screw retained restorations where angulation of the screw access hole is required for improved aesthetics and/or function.

The ACS system permits angulation of the screw access hole up to 20 degrees. This is achieved with the aid of a special designed abutment screw & screwdriver (hand or ratchet) to facilitate precise tightening of the abutment screw at the required torque.

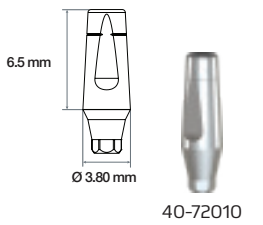
- The ACS system offers the dental technician control over the desired position of the screw access hole, this is beneficial in the anterior segment to ensure the screw access hole is in the cingulum area without compromising the buccal aspect of the soft tissue with the use of an angulated abutment.
- In the posterior segment the ACS system can offer a mesially inclined screw access hole for easy entry in cases where there is limited inter occlusal space.
- Angulation of the screw access hole to the palate or lingual aspect in the posterior zone will facilitate an uncompromised occlusal surface for improved aesthetics & function.

CONCAVE ANATOMIC ABUTMENTS

The Straight Abutment is intended for placing a tooth replacement both on the anterior and posterior locations. The Straight Abutments are symmetric in shape and allow modification by the dental technician to achieve accurate fitting to the prosthesis. The anatomic abutments resemble the natural gingival margin of a tooth and include a prepared anatomic margin (shoulder). PALTOP's anatomic abutments allow for better achievement of individual esthetics and easier adaptation for fitting by the dental technician. Due to their special shape, the anatomic abutments are advantageous when used for anterior teeth.

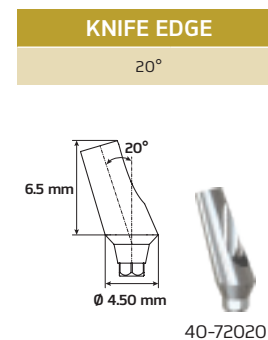
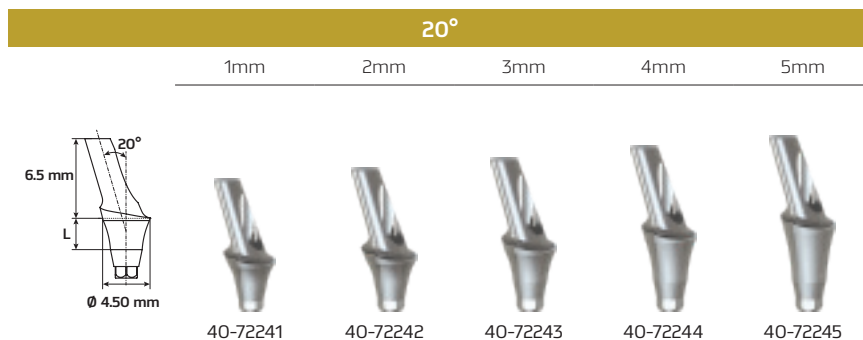


KNIFE EDGE

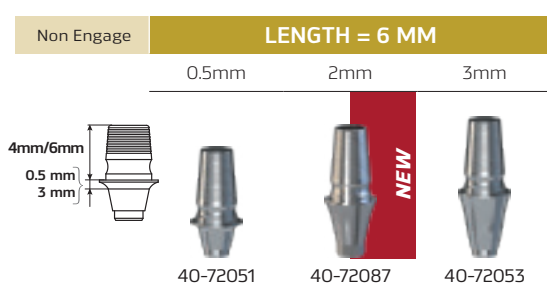
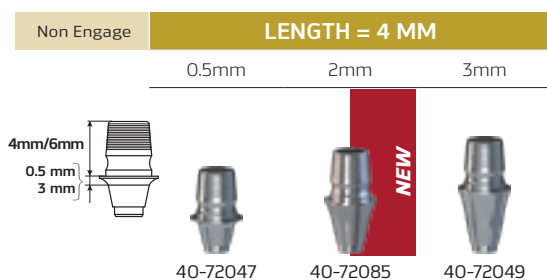
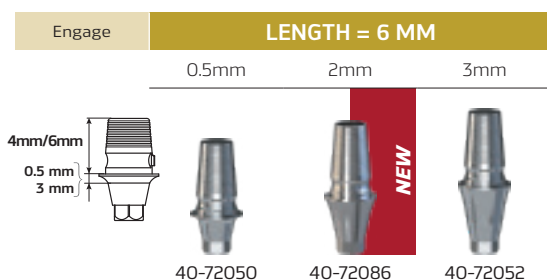
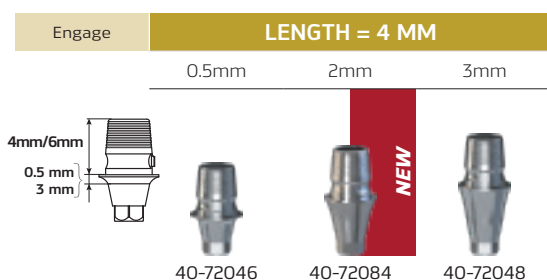


ANATOMIC CONCAVE ANGULATED ABUTMENTS

PALTOP offers two types of 20° angulated abutments for accurate accommodation to the rehabilitation position. Additional modification of the abutment may be done for accurate fitting.



TITANIUM BASE ROUND



The Ti-Base for individual abutments or screw retained crown & bridge serves as a connector between the implant and its final restoration, enabling CAD/CAM customized solutions, with high precision and excellent esthetic results.

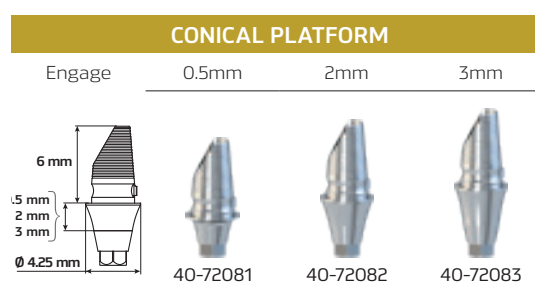
Paltop Ti-Bases of variable gingival heights provide solutions for cases of different gingival thickness and clinical procedures. The titanium base has Paltop's unique concave design enabling the soft tissue to form a dense layer surrounding the transgingival interconnection.

Short gingival height will be useful when the final restoration is close to the implant level, whilst long gingival height will be useful in cases when a high emergence profile is required (e.g. Sub-crestal placement).

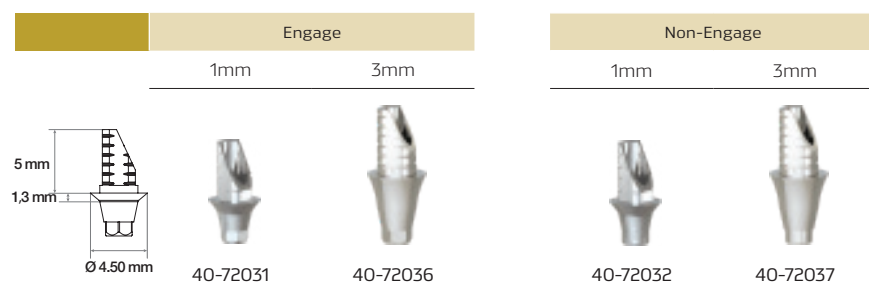
Ti bases are available in a number of design options:

1. **Titanium Bases Round**
(recommended for posterior teeth). Compatible with Sirona for the 4mm length only.
2. **Titanium Bases Round Anterior**
(recommended for anterior teeth)
3. **Titanium Bases Square**

TITANIUM BASES ROUND ANTERIOR

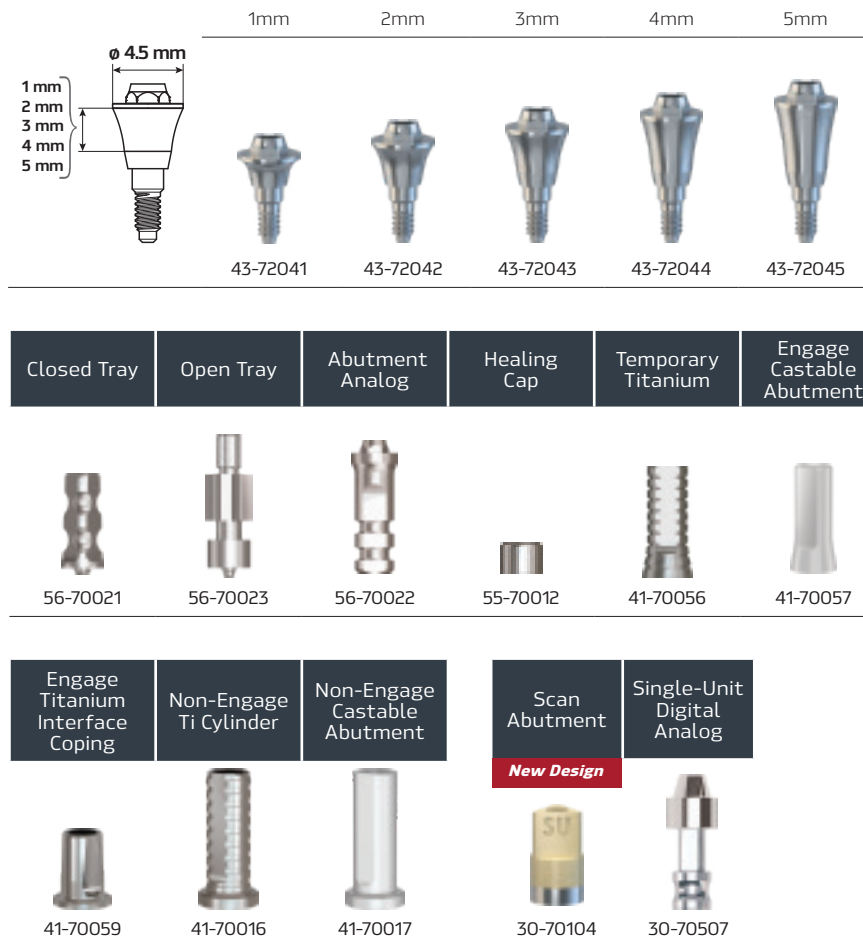


TITANIUM BASE SQUARE



SINGLE-UNIT

A unique system for a single implant tooth restoration



System Benefits

- The single-unit abutment is connected to the implant immediately after implant placement or implant uncovering. The single-unit abutment's size is chosen according to the gingival height. Once connected, the single-unit abutment and the implant function as one integrated unit (One Abutment - One Time)
- All the prosthetic steps are carried out at tissue level. This is a significant advantage both to patient and dentist
- The concave profile of the single-unit abutment enables maturation of the soft tissue in a thicker and stable form
- As the single-unit abutment is a solid piece (no screw hole), it eliminates penetration of any bacteria and other contaminants to the implant-abutment interface
- The crown can be either screw-retained to the single-unit abutment or cemented over an abutment that is screw-retained to the single-unit

BALL ABUTMENTS



PALTOP's Ball Abutments are intended for retaining a removable denture. They are attached to the denture via a nylon fitting that is embedded inside the denture and snaps over the ball. PALTOP offers different gingival heights and a variety of complementary products.

MULTI-UNIT

The PALTOP Multi-Unit system provides a wide range of solutions for screw-retained restorations.

PALTOP offers a variety of gingival heights for the Multi-Unit abutment. Straight and angulated Multi-Unit abutments are available for different implant angulation positions. The Multi-Unit abutment is available for both narrow and standard implant platforms. The PALTOP angulated Multi-Unit abutment is one of the only systems that allows torquing the restoration to 30 Ncm, which will ensure the stability of the restoration.

STRAIGHT									
1mm	2mm	3mm	4mm	5mm					
42-72041	42-72042	42-72043	42-72044	42-72045					
ANGULATED 17°					ANGULATED 30°				
3mm		4.5mm		4mm					
42-72017		42-72018		42-72030					
						Scan Abutment		Multi-Unit Digital Analog	
						30-70103		30-70504	
Closed Tray	Open Tray	Snap-On Closed-tray impression coping	Analog	Healing Cap	Titanium Multi-Unit Cylinder	Fully Castable Multi-Unit Abutment	Titanium Interface Coping	Titanium Interface Coping Retentive	
	New Design	NEW							
56-72003	56-72002	56-70049	56-72001	55-72010	42-70020	42-70021	42-70022	42-70028	

TEMPORARY TITANIUM ABUTMENTS

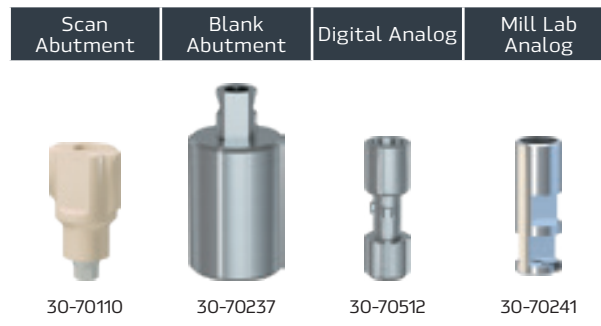
Engage	Non-Engage
45-72031	45-72032

A new titanium temporary abutment for screw-retained restorations is now available in engage and non-engage connections.

SCREWS

Open Tray screw For Ratchet	Closed Tray Impression Coping Screw	Abutment Screw Conical connection	Multi-Unit Screw	Multi-Unit Closed Tray Screw	Multi-Unit Open Tray Screw	ACS Screw
80-70008	80-70009	80-72002	80-70005	80-70002	80-70006	80-72001

NT TRADING FOR PALTOP



NT Trading for PALTOP products should be used with the NT Trading for PALTOP libraries which can be found on PALTOP's website under "Digital Service".

NT-Trading Libraries for PALTOP are compatible with the following milling machines:

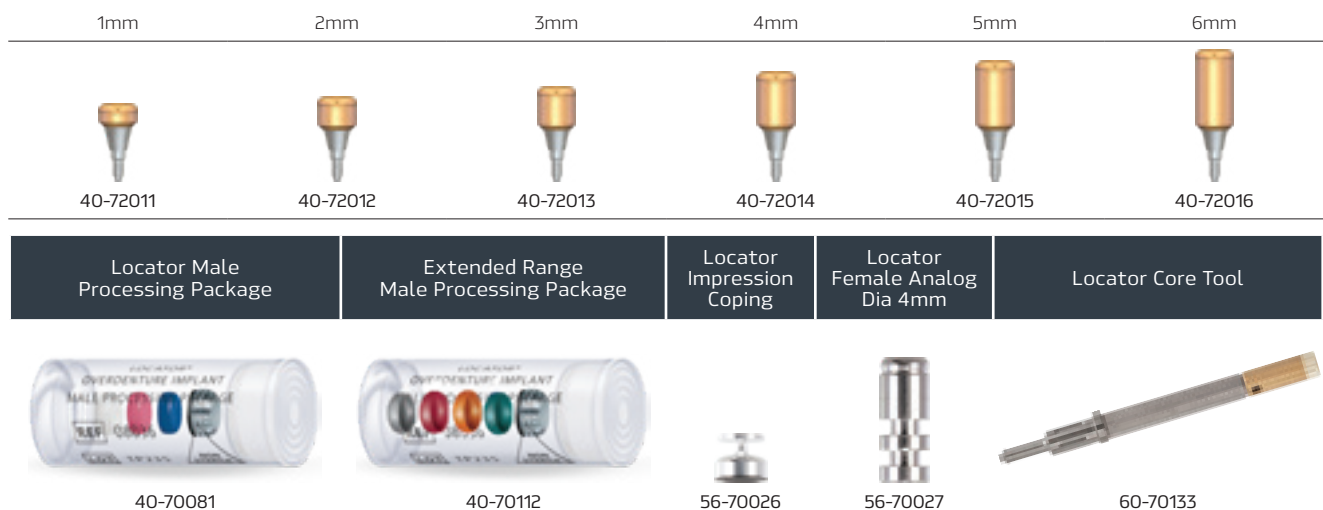
Avamill-Chrome®	IMES-ICORE® 250i und 350i
Datron D5®	KAVO Everest
Datron M7®	Manix GMD 200
Datron NT98®	MB Maschinen
Dental concept systems® DC5 für Automation	Organical
Dental concept systems® DC5 ohne Automation	Primacon 24cc
DooWoon	Röders RXD®
Dyamach® DT 2	Sauer ULTRASONIC 20®
GF Agie Charmilles HSM 200	VHF Camfacture für VHF N4
GF Agie Charmilles HSM 400	VHF Camfacture für VHF S1/S2
Mikron 200	VHF Camfacture für VHF R5 (coming soon)
HAAS Automation®	VHF Camfacture für VHF Z4 (coming soon)
HINT-ELS HINT-ELS	Willemin-Macodel®
HINT-ELS Preform inkl. Zirconhalter	Wissner
IMES-ICORE® 140	Yenadent
IMES-ICORE® 210	ZFX

LOCATOR ABUTMENTS



For over 30 years, ZEST Anchors has been a global leader in the manufacturing of dental implant attachments.

The LOCATOR Implant Attachment is the premier system for implant retained overdentures, with the benefit of combating the damage done by the improper seating of overdentures. For straight healing caps see page 30.



MILLING BLANKS

PALTOP FOR AMANN GIRRBACH



Blank Abutment



30-70223



Paltop products for Amann Girbach should be used with the "Paltop Libraries" - for use with Paltop Scan Abutments" which can be found on PALTOP's website under "Digital Service".

IMMEDIATE TITANIUM TEMPORARY ABUTMENT

NEW

Immediate Titanium Temporary Abutment Advantages:

- The abutment allows for efficient fabrication of a temporary crown with no rotational forces being applied, due to it being a cement-retained temporary restoration
- The abutment insertion has been designed with ease-of-use in mind

Non-engaging abutment for support of an immediate temporary restoration with a simple prosthetic protocol. Offers an immediate solution for a wide variety of temporary restorations without the need for titanium modification.

CONICAL PLATFORM



HEX DRIVER FOR IMMEDIATE TEMPORARY ABUTMENT



60-70244



EQUATOR ABUTMENTS



The unique concave design and exceptionally low 2.1mm profile of the Equator Abutments system provides exceptional stability and superior retention when compared with other attachment systems. Caps are available in a wide variety of retention levels.

CONICAL PLATFORM						
0.5mm	1mm	2mm	3mm	4mm	5mm	6mm
40-72066	40-72067	40-72068	40-72069	40-72070	40-72071	40-72072

**ALL EQUATORS
ARE DELIVERED
STERILE AND
READY FOR USE!**



Stainless Steel Housing	Retentive Cap Rigid-2700gr, Violet	Retentive Cap Standard-1800gr, Clear	Retentive Cap Soft-1200 gr, Pink	Retentive Cap Extra Soft-600gr, Yellow	Retentive Cap for Lab, Black	Smart Box Housing With Black Cap	Protective Disc, Clear	Protective Disc, Pink
40-70287	40-70282	40-70283	40-70284	40-70285	40-70286	40-70305	40-70288	40-70289

Impression Coping	Analog	Core Tool	Equator Retentive Cap Assortment Kit	Equator Retentive Cap Smartbox Assortment Kit
56-70042	56-70041	60-70161	40-70306	40-70307

SNAP-ON ABUTMENT SYSTEM


NEW

▪ SNAP-ON IMPRESSION COPING

The Snap-on Impression Coping snaps onto the abutment allowing the doctor to use a closed tray impression technique. The Snap-on impression coping with its ease-of-use, allows for an accurate and quick impression.

▪ SNAP-ON ANALOG

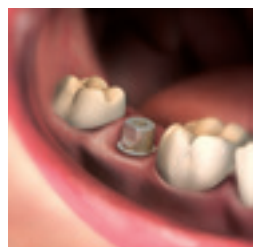
The Snap-on Analog securely snaps into the impression coping that is in the impression. The Analog may be scanned by an optical scanner in the laboratory for the manufacture of a CAD/CAM crown.

▪ SNAP-ON TEMPORARY CAP

The Snap-on Temporary Cap is made from PEEK and can be used as a healing cap, or as a base for a temporary crown.

SNAP-ON ABUTMENT SYSTEM ADVANTAGES:

- Can be used in both anterior and posterior areas of the mouth for cement-retained single-unit crowns
- Can be used as the final abutment, or provisionalized chairside using the Snap-on Temporary Cap
- Everything in one package - all necessary components to complete the restorative procedure
- Concave emergence profile for increased soft-tissue volume and higher aesthetics
- Available in 4.0mm and 5.5mm abutment heights
- Developed with ease-of-use in mind



The abutment is placed into the implant and the retaining screw is torqued into place.

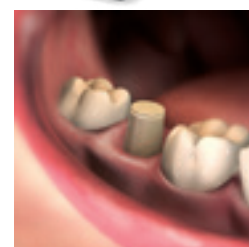
(see the torque chart on the page below)



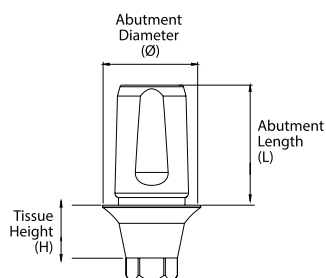
The Snap-on impression coping snaps onto the abutment.



The Snap-on impression coping is picked up in the impression with a close tray impression technique.



The Snap-on Temporary Cap is placed onto the Snap-on Abutment for the duration of the healing phase, or can be provisionalized with a temporary crown.



Screw Platform	Torque (N-cm)
SP / WP Abutment Screws	30-35
NP Abutment Screw	25-30
Conical Abutment Screw	25

CONICAL PLATFORM				
Cat NO.	Ø (mm)	L (mm)	H (mm)	
44-72441	4.5	4.0	1	
44-72442	4.5	4.0	2	
44-72443	4.5	4.0	3	
44-72444	4.5	4.0	4	
44-72445	4.5	4.0	5	
44-72461	6.0	4.0	1	
44-72462	6.0	4.0	2	
44-72463	6.0	4.0	3	
44-72464	6.0	4.0	4	
44-72465	6.0	4.0	5	

CONICAL PLATFORM				
Cat NO.	Ø (mm)	L (mm)	H (mm)	
44-72541	4.5	5.5	1	
44-72542	4.5	5.5	2	
44-72543	4.5	5.5	3	
44-72544	4.5	5.5	4	
44-72545	4.5	5.5	5	
44-72561	6.0	5.5	1	
44-72562	6.0	5.5	2	
44-72563	6.0	5.5	3	
44-72564	6.0	5.5	4	
44-72565	6.0	5.5	5	



SURGICAL
KITS & TOOLS

COMPACT SURGICAL KIT

cat # 60-70111

Item name		Item number	Qty
Key Ratchet Adapter		60-70100	1
Drill Extender		60-70019	1
Hex Key Ø1.25mm L15mm, Long		60-70101	1
Hex Key Ø2.5mm, Long		60-70103	1
Hex Key Ø2mm, Long		60-70105	1
Parallel Pin Ø1.5/2mm		60-70015	2
Pilot Drill Spade		60-70020	1
Step Twist Drill Ø1.5/2mm, Long		60-70048	1
Step Twist Drill Ø2.0/2.4mm, Long		60-70050	1
Step Twist Drill Ø2.4/3.2mm, Long		60-70052	1
Step Twist Drill Ø3.2/3.8mm, Long		60-70054	1
Final Drill for Ø3.25mm Implant, Long		60-70035	1
Final Drill for Ø3.75mm Implant, Long		60-70037	1
Final Drill for Ø4.2mm Implant, Long		60-70039	1
Final Drill for Ø5mm Implant, Long		60-70041	1
Ratchet		60-70013	1

The Compact Surgical Kit:

Suitable for all PALTOP implant lines.

The kit is light-weight, compact, and easy to carry.

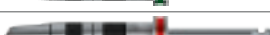
Suitable for implants diameters 3.25mm, 3.75mm, 4.2mm and 5mm.



BASIC SURGICAL KIT

cat # 60-70110

**New
Design**

Item name		Item number	Qnt
Key Ratchet Adapter		60-70100	2
Drill Extender		60-70019	1
Manual Hex Driver Ø1.25mm L14mm, Standard		60-70006	1
Hex Key Ø1.25mm, Long		60-70101	1
Hex Key Ø1.25mm L9mm, Short		60-70102	1
Hex Key Ø2.5mm, Long		60-70103	1
Hex Key Ø2.5mm, Short		60-70104	1
Hex Key Ø2mm, Long		60-70105	1
Hex Key Ø2mm, Short		60-70106	1
Parallel Pin Ø1.5/2mm		60-70015	4
Pilot Drill Spade		60-70020	1
Step Twist Drill Ø1.5/2mm, Long		60-70048	1
Step Twist Drill Ø2.0/2.4mm, Long		60-70050	1
Step Twist Drill Ø2.4/3.2mm, Long		60-70052	1
Step Twist Drill Ø3.2/3.8mm, Long		60-70054	1
Final Drill for Ø3.25mm Implant, Long		60-70035	1
Final Drill for Ø3.75mm Implant, Long		60-70037	1
Final Drill for Ø4.2mm Implant, Long		60-70039	1
Final Drill for Ø5mm Implant, Long		60-70041	1
Torque Ratchet		60-70042	1

The Basic Surgical Kit:
Suitable for all PALTOP implant lines.

The kit is a medium size and can be sterilized
in all sizes of autoclaves.

Suitable for implants diameters 3.25mm,
3.75mm, 4.2mm and 5mm.

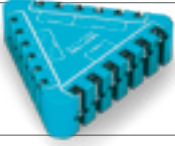


*60-70147 Final Drill for Ø3mm implant available for purchase separately (see page 61).

PREMIUM SURGICAL KIT

cat # 60-70112

**New
Design**

Item name		Item number	Qty				
Key Ratchet Adapter		60-70100	2	Final Drill for Ø5mm Implant, Long		60-70041	1
Drill Extender		60-70019	1	Final Drill for Ø6mm Implant, Long		60-70098	1
Manual Hex Driver Ø1.25mm, Long		60-70006	1	Countersink for Ø3.25mm & Ø3.75mm Implants		60-70145	1
Hex Key Ø1.25mm, Long		60-70101	1	Countersink for Ø4.2mm Implant		60-70144	1
Hex Key Ø1.25mm, Short		60-70102	1	Countersink for Ø5mm & Ø6mm Implants		60-70143	1
Hex Key Ø2.5mm, Long		60-70103	1				
Hex Key Ø2.5mm, Short		60-70104	1	Triangular Drill Stop Kit		60-70230	1
Hex Key Ø2mm, Long		60-70105	1	Torque Ratchet		60-70042	1
Hex Key Ø2mm, Short		60-70106	1	Drill Depth Probe		60-70073	1
Parallel Pin Ø1.5/2mm		60-70015	4	Hand Piece		60-70014	1
Pilot Drill Spade		60-70020	1				
Step Twist Drill Ø1.5/2mm, Long		60-70048	1				
Step Twist Drill Ø1.5/2mm, Short		60-70047	1				
Step Twist Drill Ø2.0/2.4mm, Long		60-70050	1				
Step Twist Drill Ø2.0/2.4mm, Short		60-70049	1				
Step Twist Drill Ø2.4/3.2mm, Long		60-70052	1				
Step Twist Drill Ø2.4/3.2mm, Short		60-70051	1				
Step Twist Drill Ø3.2/3.8mm, Long		60-70054	1				
Step Twist Drill Ø3.2/3.8mm, Short		60-70053	1				
Step Twist Drill Ø3.8/4.3mm, Long		60-70121	1				
Step Twist Drill Ø3.8/4.3mm, Short		60-70120	1				
Final Drill for Ø3.25mm Implant, Long		60-70035	1				
Final Drill for Ø3.75mm Implant, Long		60-70037	1				
Final Drill for Ø4.2mm Implant, Long		60-70039	1				

The Premium Surgical Kit has these additions to the Basic Kit:

Suitable for all PALTOP implant lines.

The full range of PALTOP implants can all be surgically placed using the Premium Kit.

Suitable for implants diameters 3.25mm, 3.75mm, 4.2mm, 5mm and 6mm.



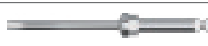
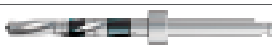
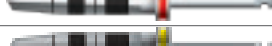
*60-70147 Final Drill for Ø3mm implant available for purchase separately (see page 61).

RAPID SURGICAL KIT

cat # 60-70149

The Rapid Drilling Kit is a streamlined drilling and implant placement kit.

A simple procedure of spade drill and pilot drill is followed by a sequence of shaped drills. This kit provides all the tools necessary for efficient implant placement.

Item name		Item number	Qty
Key Ratchet Adapter		60-70100	2
Drill Extender		60-70019	1
Hex Key Ø1.25mm L15mm, Long		60-70101	1
Hex Key Ø2.5mm, Long		60-70103	1
Hex Key Ø2mm, Long		60-70105	1
Parallel Pin Ø1.5/2mm		60-70015	4
Pilot Drill Spade		60-70020	1
Step Twist Drill Ø2.0/2.4mm, Long		60-70050	1
Final Drill for Ø3.25mm Implant, Long		60-70035	1
Final Drill for Ø3.75mm Implant, Long		60-70037	1
Final Drill for Ø4.2mm Implant, Long		60-70039	1
Final Drill for Ø5mm Implant, Long		60-70041	1



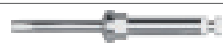
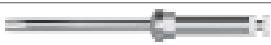
Torque Ratchet		60-70042	1
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PROSTHETIC KIT

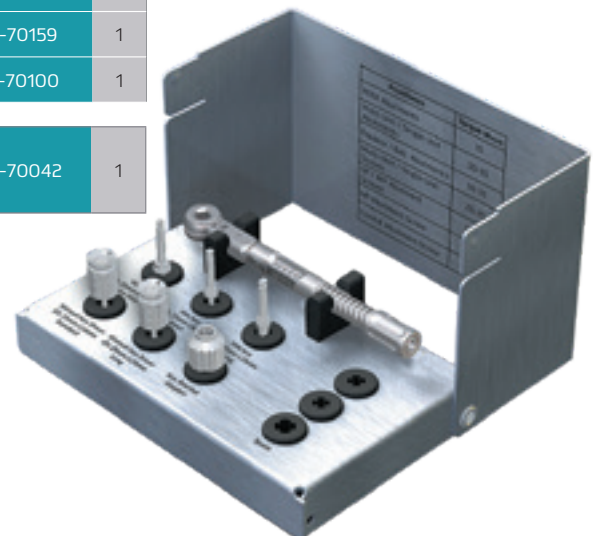
cat # 60-70245

Paltop's Prosthetic kit is a complete set of the necessary components for tightening prosthetic screws to the correct torque value.

**Coming
Soon**

Item name		Item number	Qty
Hex Key Ø1.25mm L6.5mm, Extra-Short		60-70164	1
Hex Key Ø1.25mm L9mm, Short		60-70102	1
Hex Key Ø1.25mm L15mm, Long		60-70101	1
Manual Hex Driver Ø1.25mm L14mm, Standard		60-70006	1
Manual Hex Driver Ø1.25mm L23mm, Long		60-70159	1
Key Ratchet Adapter		60-70100	1

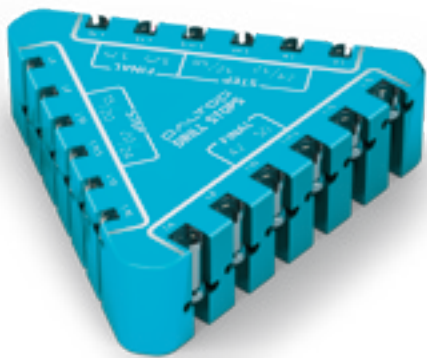
Torque Ratchet		60-70042	1
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DrillStopkit

cat # 60-70230

One Simple Drill Stop Kit for All Implant Dimensions



The PALTOP Drill Stop Kit is designed to simplify the drilling process and save valuable chair time. It enables the doctor to drill to the exact desired depth with safety and confidence.

For Implant Length	16mm	13mm	11.5mm	10mm	8mm	6mm
1.5/2.0 & 2.0/2.4 Drills	 60-70206	 60-70205	 60-70204	 60-70203	 60-70202	 60-70201
2.4/3.2 & 3.2/3.8 Drills	 60-70212	 60-70211	 60-70210	 60-70209	 60-70208	 60-70207
4.2 & 5.0 Final Drills	 60-70218	 60-70217	 60-70216	 60-70215	 60-70214	 60-70213

Osteotomekit

cat# 60-70080

The Osteotome kit is used to expand and compress bone (usually in poor bone quality) instead of following the conventional drilling protocol.



Item name		Item number
Osteotome for Ø3.25mm Implant		60-70081
Osteotome for Ø3.75mm Implant		60-70082
Osteotome for Ø4.2mm Implant		60-70083
Osteotome for Ø5mm Implant		60-70084
Hand Piece Straight		60-70014

cat # 60-70142

IMPLANT BODY TRY-IN KIT

Item name		Item number	Qnt
Final Depth Pin for 3.25 implant		60-70085	1
Final Depth Pin for 3.75 implant		60-70086	1
Final Depth Pin for 4.2 implant		60-70087	1
Final Depth Pin for 5.0 implant		60-70088	1

Paltop's Implant body try-ins, now provided in their own mini kit.

The Implant body try-in kit is useful to verify implant seating prior to implant insertion.



SHORT STEP - DRILL KIT

cat # 60-70150

Item name		Item number	Qnt
Step Twist Drill Ø1.5/2mm, Short		60-70047	1
Step Twist Drill Ø2.0/2.4mm, Short		60-70049	1
Step Twist Drill Ø2.4/3.2mm, Short		60-70051	1
Step Twist Drill Ø3.2/3.8mm, Short		60-70053	1

Paltop's short step-drills, now provided in a new small kit.

The Short Step Drill Kit is useful when there is limited interarch space for drilling, it has 4 stepped twist drills:

1.5/2.0, 2.0/2.4, 2.4/3.2, 3.2/3.8



BASIC OSTEOTOME KIT

cat # 60-70119

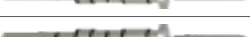
Item name		Item number
Osteotome for 3.25 implant		60-70081
Osteotome for 3.75 implant		60-70082
Osteotome for 4.2 implant		60-70083
Osteotome for 5.0 implant		60-70084

The Osteotome kit is used to expand and compress bone (usually in poor bone quality) instead of following the conventional drilling protocol.



PARALLEL PINS KIT

cat # 60-70115

Item name		Item number	Qnt
Final Depth Pin for 3.25 implant		60-70085	1
Final Depth Pin for 3.75 implant		60-70086	1
Final Depth Pin for 4.2 implant		60-70087	1
Final Depth Pin for 5.0 implant		60-70088	1
Stepped Depth Pin 1.5/2.0		60-70134	2
Stepped Depth Pin 2.0/2.4		60-70135	2
Stepped Depth Pin 2.4/3.2		60-70136	2
Stepped Depth Pin 3.2/3.8		60-70137	2

Final Depth Pins are intended to verify parallelism with multiple implant cases. They are available for the following implant diameters: 3.25, 3.75, 4.2, 5.0.



BONE PROFILER POST IMPLANT KIT

cat # 60-70116

Item name		Item number
Bone Profiler Post Implant 5.0mm		60-70127
Bone Profiler Post Implant 6.0mm		60-70128
Bone Profiler Post Implant Pin 5.0mm NP		60-50129
Bone Profiler Post Implant Pin 5.0mm SP		60-50130
Bone Profiler Post Implant Pin 5.0mm PCA		60-50131
Bone Profiler Post Implant Pin 6.0mm SP		60-50132
Bone Profiler Post Implant Pin 6.0mm PCA		60-50133

The Bone profiler kit is used to remove excess bone around the implant head and connection. It can be used at time of implant placement or at stage 2 uncovering.

The kit includes a pin that screws into the implant that precisely guides a trephine that removes the excess bone. This pin also guides the vertical placement of the trephine and protect the implant connection.



COUNTERSINK KIT

Countersinking is done to reduce excessive pressure (insertion torque) when fully seating the implant.

This kit simplifies the drilling sequence by eliminating the need to use the next size up final drill for countersinking.

Item name		Item number
Countersink for 3.25mm&3.75mm Implant		60-70145
Countersink for 4.2mm Implant		60-70144
Countersink for 5mm&6mm Implant		60-70143

cat # 60-70117



BONE TAP KIT

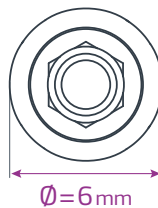
Bone Taping is done to create more passive seating of the implant in dense bone.

Item name		Item number
Bone Tap for 3.25 Dia Implant		60-70056
Bone Tap for 3.75 Dia Implant		60-70057
Bone Tap for 4.2 Dia Implant		60-70058
Bone Tap for 5.0 Dia Implant		60-70059

cat # 60-70118



WIDE IMPLANT DRILL KIT Ø=6MM



Item name		Item number
4.3/3.8 Long Step Twist Drill		60-70121
4.3/5.3 Long Step Twist Drill		60-70123
Long Final Drill for Ø6mm Implant		60-70098
Countersink for Ø5mm & Ø6mm Implant		60-70143

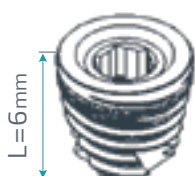
cat # 60-70114



ADDITIONAL TOOLS

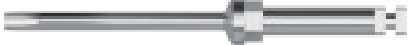
Torque Ratchet	Final Drill for Ø3.0mm Implant Long
	
60-70042	60-70147

DRILLS FOR SHORT IMPLANTS L=6MM



Item name		Item number
Final Drill for Ø5.0mm L6mm Implant		60-70078
Final Drill for Ø4.2mm L6mm Implant		60-70077

1.25 DRIVERS

Item name		Item number
Manual Hex Driver Ø1.25mm L9mm, SHORT		60-70005
Manual Hex Driver Ø1.25mm L14mm, STANDARD		60-70006
Manual Hex Driver Ø1.25mm L23mm, LONG NEW		60-70159
Hex Key Ø1.25mm L6.5mm, EXTRA-SHORT NEW		60-70164
Hex Key Ø1.25mm L9mm, SHORT		60-70102
Hex Key Ø1.25mm L15mm, LONG		60-70101
Hex Key Ø1.25mm L23mm, EXTRA-LONG NEW		60-70165
Hex Driver for Ratchet Ø1.25mm, LONG		60-70003

SURGICAL DRILLING SEQUENCES

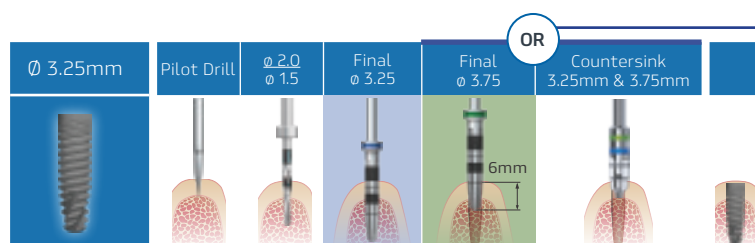


ADVANCED CLASSIC

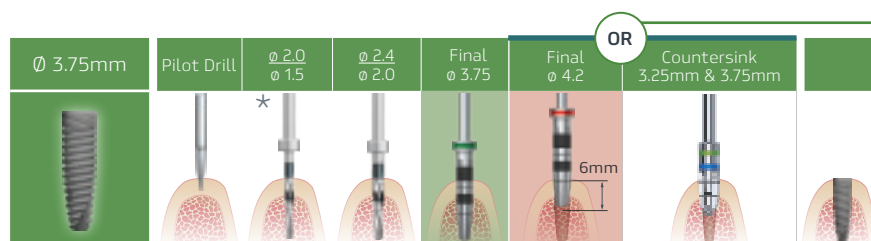
PCA

D1-D2 Type Bone

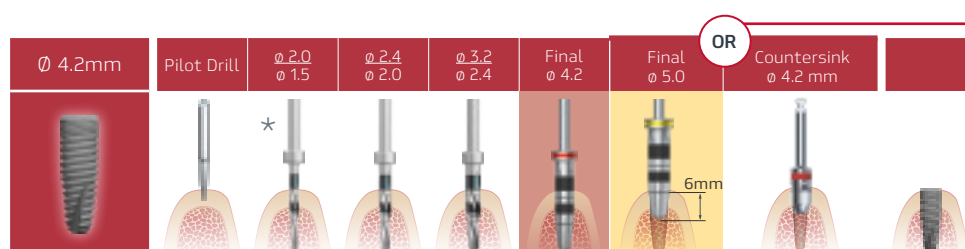
STANDARD PROTOCOL



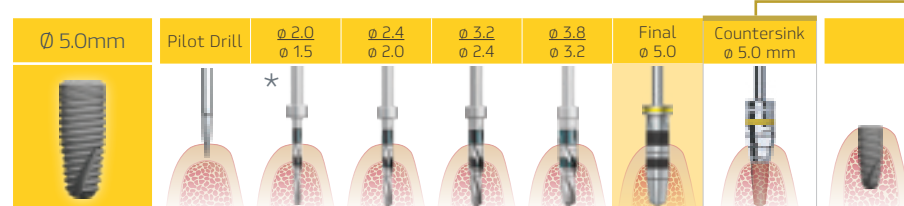
Countersink the osteotomy using the **FINAL 3.75 GREEN DRILL** to 6mm (regardless of the length of the implant) or using the **COUNTERSINK FOR 3.25MM & 3.75MM TO THE FIRST LINE**



Countersink the osteotomy using the **FINAL 4.2 RED DRILL** to 6mm (regardless of the length of the implant) or using the **COUNTERSINK FOR 3.25MM & 3.75MM TO THE 2-ND LINE**



Countersink the osteotomy using the **Final 5.0 yellow drill** to 6mm (regardless of the length of the implant) or using the **COUNTERSINK FOR 4.2 MM**



Countersink the osteotomy using the **5.0 YELLOW COUNTERSINK TO THE FIRST LINE**

Table of screw setting torque (N-cm)

Prosthesis	Torque (N-cm)
Healing Cap	15
PEEK Abutments	10-15
Multi-Unit Abutments	30-35
Single-Unit Abutments	30-35
Ball Abutments	30-35
Multi-Unit Screw	20-25
Single-Unit Screw	20-25
SP Abutment Screw	30-35
NP Abutment Screw	25-30
WP Abutment Screw	30-35
Conical Abutment Screw	25

RECOMMENDED DRILLING SPEED IS 850 RPM.

Recommended implant insertion torque is 30 - 50 Ncm.

- If the insertion torque exceed 50 Ncm consider reducing the pressure caused by high insertion torque by:
- (1) reversing the implant 2-3 rotations, and then reinserting to the appropriate height
 - (2) remove the implant and countersink or tap the osteotomy and then reinsert the implant. (If the implant is removed, reinsert it into it's titanium vial during the countersinking/tapping procedure)

* Optional drilling sequence may begin with drill Ø 2.4 / Ø 2.0

NOTE: Due to the individuality of the patients condition, the doctor must use his clinical judgment and expertise in choosing the right protocol.

ADVANCED CLASSIC

PCA

D3-D4 Type Bone

SOFT BONE PROTOCOL

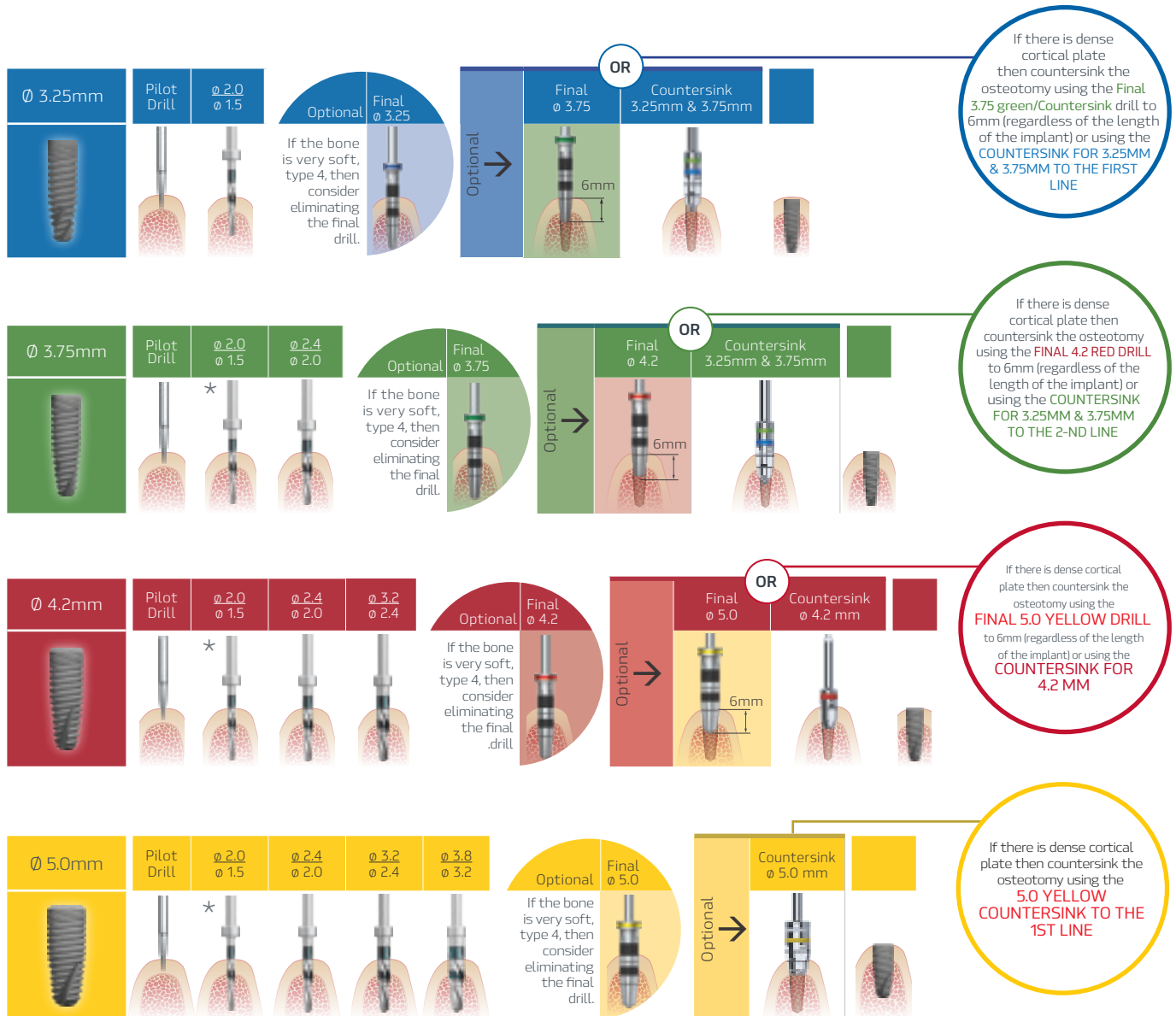


Table of screw setting torque (N-cm)

Prosthesis	Torque (N-cm)
Healing Cap	15
PEEK Abutments	10-15
Multi-Unit Abutments	30-35
Single-Unit Abutments	30-35
Ball Abutments	30-35
Multi-Unit Screw	20-25
Single-Unit Screw	20-25
SP Abutment Screw	30-35
NP Abutment Screw	25-30
WP Abutment Screw	30-35
Conical Abutment Screw	25

RECOMMENDED DRILLING SPEED IS 850 RPM.

Recommended implant insertion torque is 30 - 50 Ncm.

If the insertion torque exceed 50 Ncm consider reducing the pressure caused by high insertion torque by:

- (1) reversing the implant 2-3 rotations, and then reinserting to the appropriate height
- (2) remove the implant and countersink or tap the osteotomy and then reinsert the implant. (If the implant is removed, reinsert it into it's titanium vial during the countersinking/tapping procedure)

* Optional drilling sequence may begin with drill Ø 2.4 / Ø 2.0

NOTE: Due to the individuality of the patients condition, the doctor must use his clinical judgment and expertise in choosing the right protocol.

ADVANCED+

SLIGHTLY ACTIVE APEX

D1-D2 Type Bone

STANDARD PROTOCOL

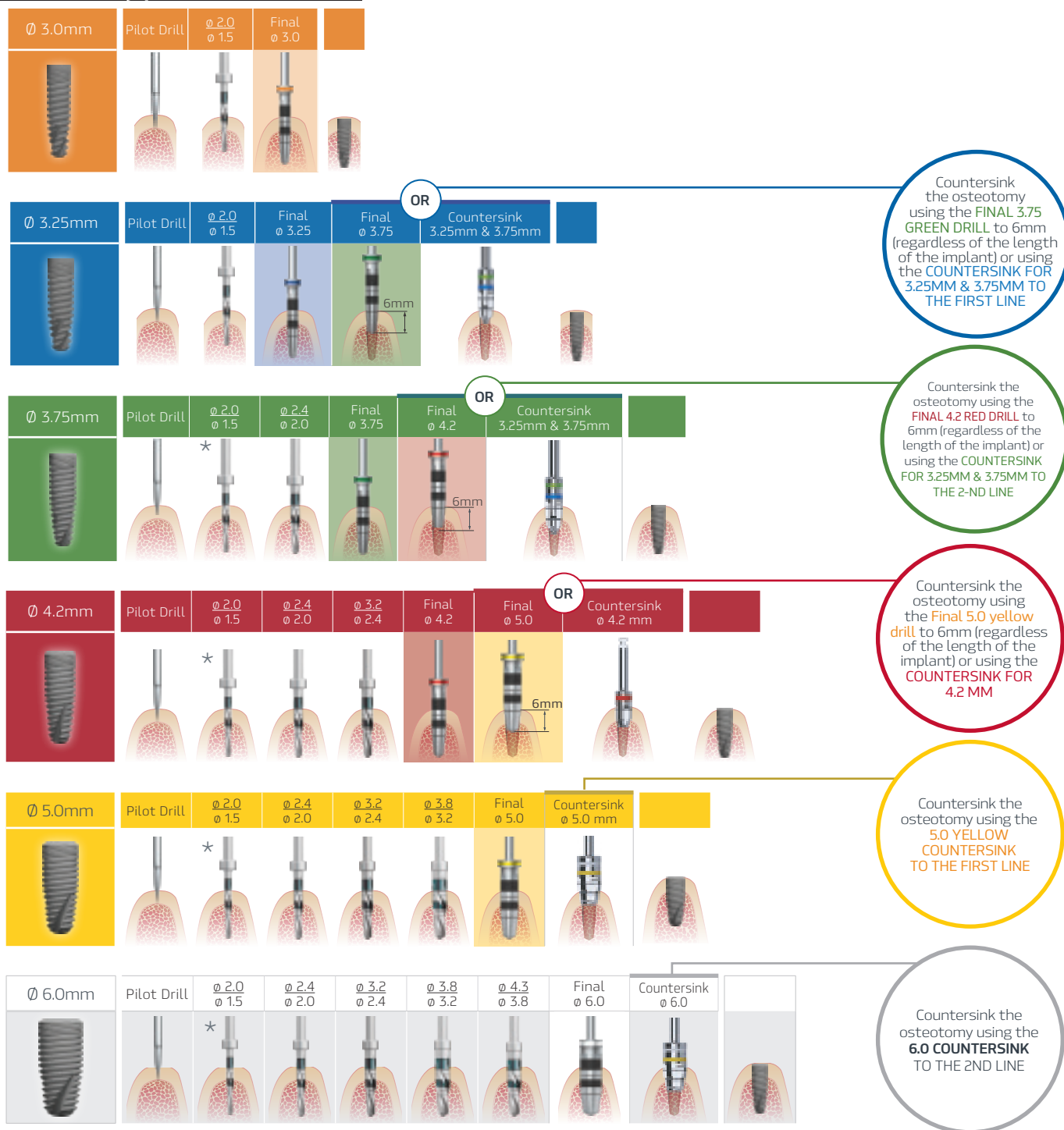


Table of screw setting torque (N-cm)

Prosthesis	Torque (N-cm)
Healing Cap	15
PEEK Abutments	10-15
Multi-Unit Abutments	30-35
Single-Unit Abutments	30-35
Ball Abutments	30-35
Multi-Unit Screw	20-25
Single-Unit Screw	20-25
SP Abutment Screw	30-35
NP Abutment Screw	25-30
WP Abutment Screw	30-35
Conical Abutment Screw	25

RECOMMENDED DRILLING SPEED IS 850 RPM.

Recommended implant insertion torque is 30 - 50 Ncm.

- If the insertion torque exceed 50 Ncm consider reducing the pressure caused by high insertion torque by:
- (1) reversing the implant 2-3 rotations, and then reinserting to the appropriate height
 - (2) remove the implant and countersink or tap the osteotomy and then reinsert the implant. (If the implant is removed, reinsert it into it's titanium vial during the countersinking/tapping procedure)

* Optional drilling sequence may begin with drill Ø 2.4 / Ø 2.0

NOTE: Due to the individuality of the patients condition, the doctor must use his clinical judgment and expertise in choosing the right protocol.

ADVANCED+

SLIGHTLY ACTIVE APEX

D3-D4 Type Bone

SOFT BONE PROTOCOL



Table of screw setting torque (N-cm)

Prosthesis	Torque (N-cm)
Healing Cap	15
PEEK Abutments	10-15
Multi-Unit Abutments	30-35
Single-Unit Abutments	30-35
Ball Abutments	30-35
Multi-Unit Screw	20-25
Single-Unit Screw	20-25
SP Abutment Screw	30-35
NP Abutment Screw	25-30
WP Abutment Screw	30-35
Conical Abutment Screw	25

RECOMMENDED DRILLING SPEED IS 850 RPM.

Recommended implant insertion torque is 30 - 50 Ncm.

If the insertion torque exceed 50 Ncm consider reducing the pressure caused by high insertion torque by:

- (1) reversing the implant 2-3 rotations, and then reinserting to the appropriate height
- (2) remove the implant and countersink or tap the osteotomy and then reinsert the implant. (If the implant is removed, reinsert it into its titanium vial during the countersinking/tapping procedure)

* Optional drilling sequence may begin with drill $\varnothing 2.4$ / $\varnothing 2.0$

NOTE: Due to the individuality of the patients condition, the doctor must use his clinical judgment and expertise in choosing the right protocol.



D1-D2 Type Bone

STANDARD PROTOCOL

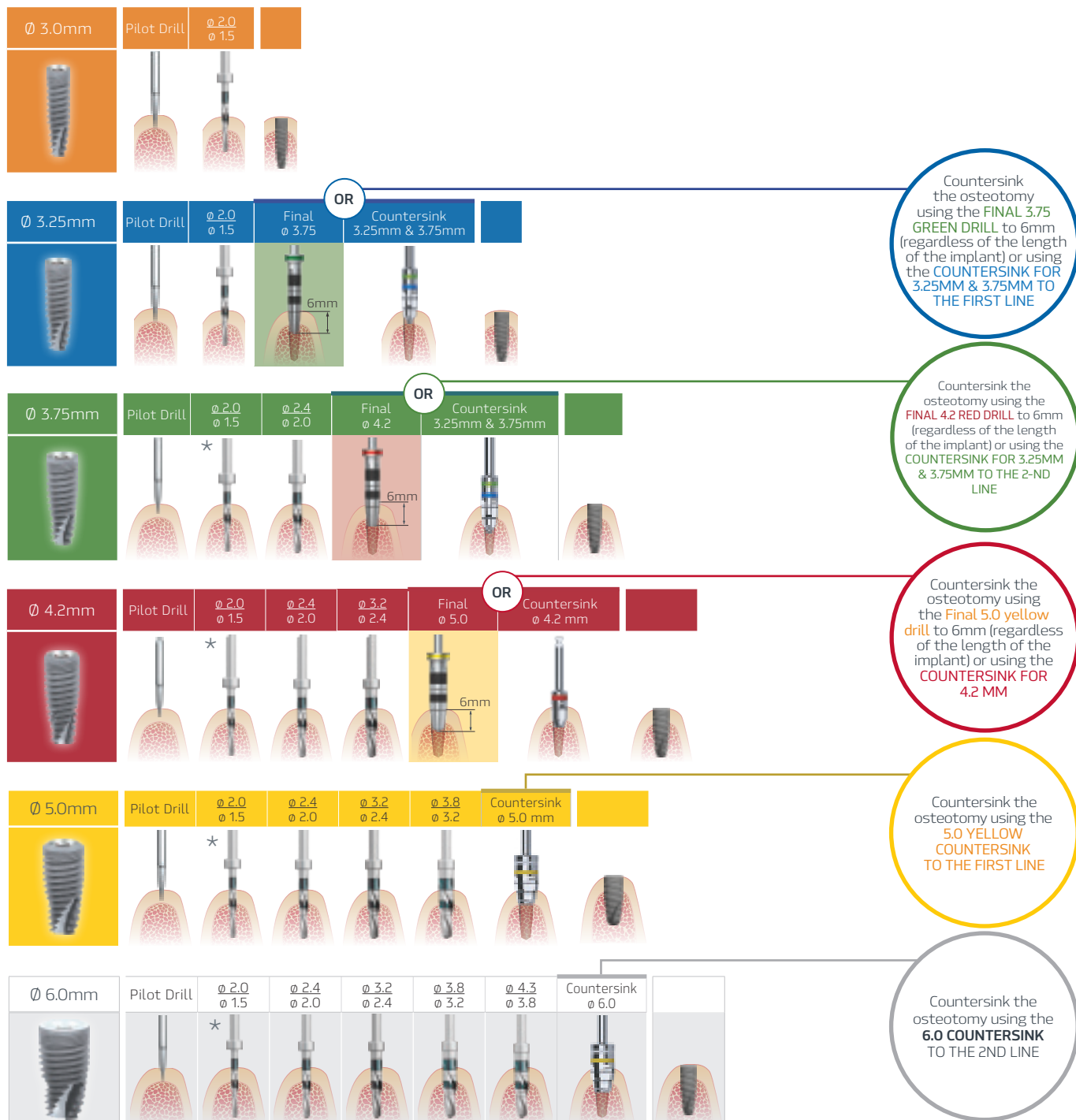


Table of screw setting torque (N-cm)

Prosthesis	Torque (N-cm)
Healing Cap	15
PEEK Abutments	10-15
Multi-Unit Abutments	30-35
Single-Unit Abutments	30-35
Ball Abutments	30-35
Multi-Unit Screw	20-25
Single-Unit Screw	20-25
SP Abutment Screw	30-35
NP Abutment Screw	25-30
WP Abutment Screw	30-35
Conical Abutment Screw	25

RECOMMENDED DRILLING SPEED IS 850 RPM.

Recommended implant insertion torque is 30 - 50 Ncm.

- If the insertion torque exceed 50 Ncm consider reducing the pressure caused by high insertion torque by:
- (1) reversing the implant 2-3 rotations, and then reinserting to the appropriate height
 - (2) remove the implant and countersink or tap the osteotomy and then reinsert the implant. (If the implant is removed, reinsert it into it's titanium vial during the countersinking/tapping procedure)

* Optional drilling sequence may begin with drill $\varnothing 2.4$ / $\varnothing 2.0$

NOTE: Due to the individuality of the patients condition, the doctor must use his clinical judgment and expertise in choosing the right protocol.



D3-D4 Type Bone

SOFT BONE PROTOCOL

Ø 3.0mm	Pilot Drill	Ø 2.0 Ø 1.5	
* You may need to countersink if there is dense cortical bone			
Ø 3.25mm	Pilot Drill	Ø 2.0 Ø 1.5	
* You may need to countersink if there is dense cortical bone			
Ø 3.75mm	Pilot Drill	Ø 2.0 Ø 1.5	Ø 2.4 Ø 2.0
* You may need to countersink if there is dense cortical bone			
Ø 4.2mm	Pilot Drill	Ø 2.0 Ø 1.5	Ø 2.4 Ø 2.0
* You may need to countersink if there is dense cortical bone			
Ø 5.0mm	Pilot Drill	Ø 2.0 Ø 1.5	Ø 2.4 Ø 2.0
* You may need to countersink if there is dense cortical bone			
Ø 6.0mm	Pilot Drill	Ø 2.0 Ø 1.5	Ø 2.4 Ø 2.0
* You may need to countersink if there is dense cortical bone			

Table of screw setting torque (N-cm)

Prosthesis	Torque (N-cm)
Healing Cap	15
PEEK Abutments	10-15
Multi-Unit Abutments	30-35
Single-Unit Abutments	30-35
Ball Abutments	30-35
Multi-Unit Screw	20-25
Single-Unit Screw	20-25
SP Abutment Screw	30-35
NP Abutment Screw	25-30
WP Abutment Screw	30-35
Conical Abutment Screw	25

RECOMMENDED DRILLING SPEED IS 850 RPM.

Recommended implant insertion torque is 30 - 50 Ncm.

- If the insertion torque exceed 50 Ncm consider reducing the pressure caused by high insertion torque by:
- (1) reversing the implant 2-3 rotations, and then reinserting to the appropriate height
 - (2) remove the implant and countersink or tap the osteotomy and then reinsert the implant. (If the implant is removed, reinsert it into it's titanium vial during the countersinking/tapping procedure)

* Optional drilling sequence may begin with drill Ø 2.4 / Ø 2.0

NOTE: Due to the individuality of the patients condition, the doctor must use his clinical judgment and expertise in choosing the right protocol.

D1 Type Bone

VERY DENSE BONE PROTOCOL



Table of screw setting torque (N-cm)

Prosthesis	Torque (N-cm)
Healing Cap	15
PEEK Abutments	10-15
Multi-Unit Abutments	30-35
Single-Unit Abutments	30-35
Ball Abutments	30-35
Multi-Unit Screw	20-25
Single-Unit Screw	20-25
SP Abutment Screw	30-35
NP Abutment Screw	25-30
WP Abutment Screw	30-35
Conical Abutment Screw	25

RECOMMENDED DRILLING SPEED IS 850 RPM.

Recommended implant insertion torque is 30 - 50 Ncm.

- If the insertion torque exceed 50 Ncm consider reducing the pressure caused by high insertion torque by:
- (1) reversing the implant 2-3 rotations, and then reinserting to the appropriate height
 - (2) remove the implant and countersink or tap the osteotomy and then reinsert the implant. (If the implant is removed, reinsert it into it's titanium vial during the countersinking/tapping procedure)

* Optional drilling sequence may begin with drill $\varnothing 2.4$ / $\varnothing 2.0$

NOTE: Due to the individuality of the patients condition, the doctor must use his clinical judgment and expertise in choosing the right protocol.



D1 Type Bone

VERY DENSE BONE PROTOCOL

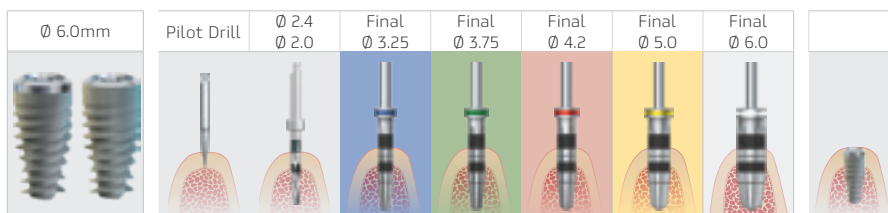
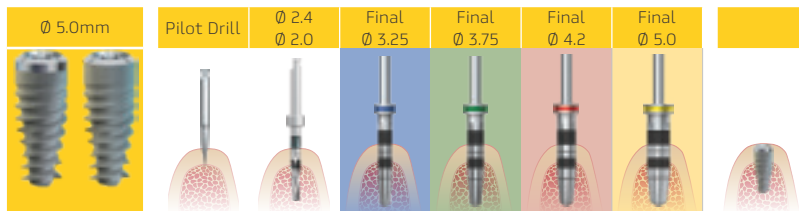
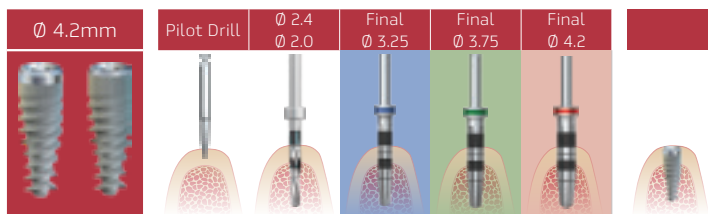
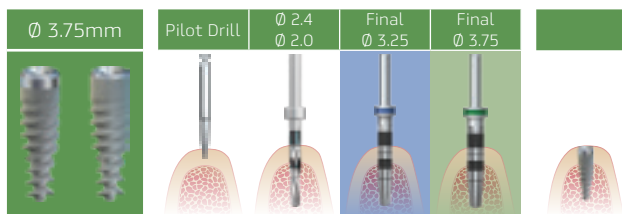
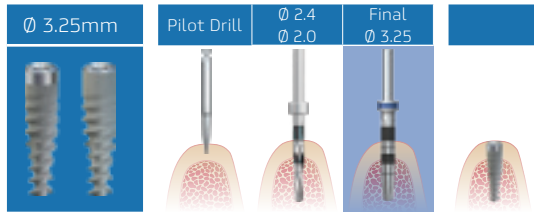


Table of screw setting torque (N-cm)

Prosthesis	Torque (N-cm)
Healing Cap	15
PEEK Abutments	10-15
Multi-Unit Abutments	30-35
Single-Unit Abutments	30-35
Ball Abutments	30-35
Multi-Unit Screw	20-25
Single-Unit Screw	20-25
SP Abutment Screw	30-35
NP Abutment Screw	25-30
WP Abutment Screw	30-35
Conical Abutment Screw	25

RECOMMENDED DRILLING SPEED IS 850 RPM.

Recommended implant insertion torque is 30 - 50 Ncm.

If the insertion torque exceed 50 Ncm consider reducing the pressure caused by high insertion torque by:

- (1) reversing the implant 2-3 rotations, and then reinserting to the appropriate height
- (2) remove the implant and countersink or tap the osteotomy and then reinsert the implant. (If the implant is removed, reinsert it into it's titanium vial during the countersinking/tapping procedure)

* Optional drilling sequence may begin with drill Ø 2.4 / Ø 2.0

NOTE: Due to the individuality of the patients condition, the doctor must use his clinical judgment and expertise in choosing the right protocol.



D1-D2 Type Bone

STANDARD PROTOCOL

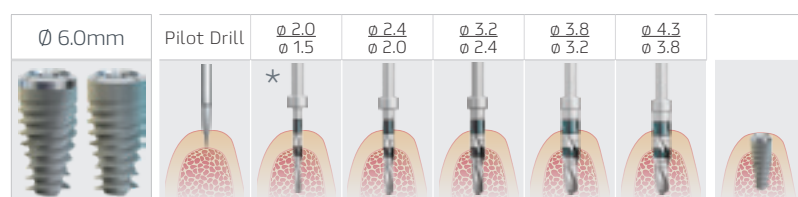
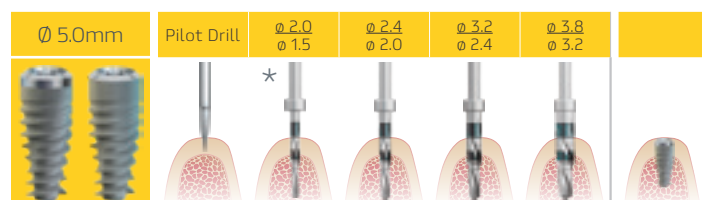
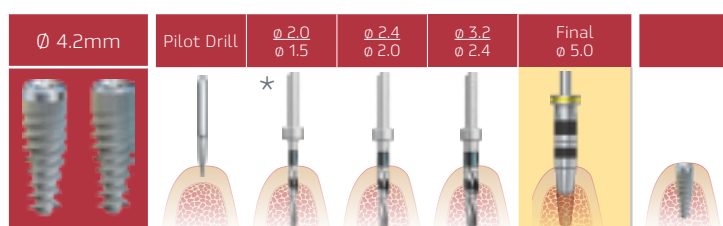
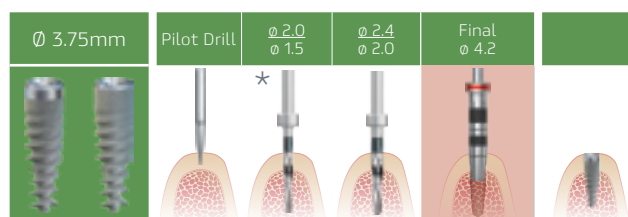
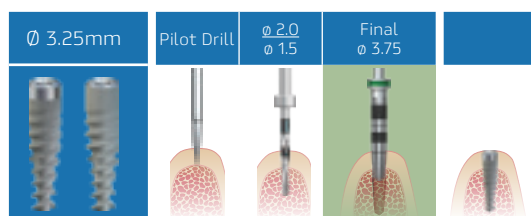


Table of screw setting torque (N-cm)

Prosthesis	Torque (N-cm)
Healing Cap	15
PEEK Abutments	10-15
Multi-Unit Abutments	30-35
Single-Unit Abutments	30-35
Ball Abutments	30-35
Multi-Unit Screw	20-25
Single-Unit Screw	20-25
SP Abutment Screw	30-35
NP Abutment Screw	25-30
WP Abutment Screw	30-35
Conical Abutment Screw	25

RECOMMENDED DRILLING SPEED IS 850 RPM.

Recommended implant insertion torque is 30 - 50 Ncm.

If the insertion torque exceed 50 Ncm consider reducing the pressure caused by high insertion torque by:

- (1) reversing the implant 2-3 rotations, and then reinserting to the appropriate height
- (2) remove the implant and countersink or tap the osteotomy and then reinsert the implant. (If the implant is removed, reinsert it into it's titanium vial during the countersinking/tapping procedure)

* Optional drilling sequence may begin with drill Ø 2.4 / Ø 2.0

NOTE: Due to the individuality of the patients condition, the doctor must use his clinical judgment and expertise in choosing the right protocol.



D2-D4 Type Bone

SOFT BONE PROTOCOL

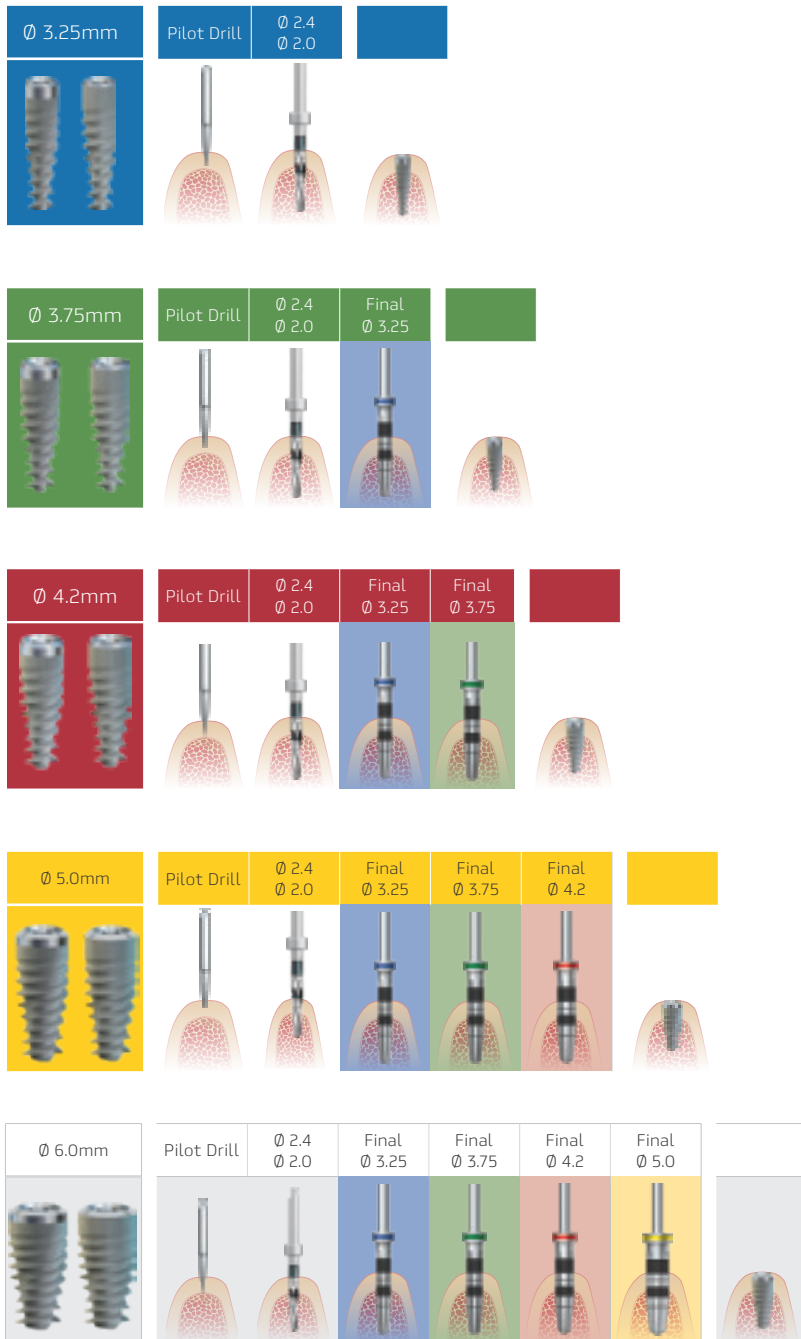


Table of screw setting torque (N-cm)

Prosthesis	Torque (N-cm)
Healing Cap	15
PEEK Abutments	10-15
Multi-Unit Abutments	30-35
Single-Unit Abutments	30-35
Ball Abutments	30-35
Multi-Unit Screw	20-25
Single-Unit Screw	20-25
SP Abutment Screw	30-35
NP Abutment Screw	25-30
WP Abutment Screw	30-35
Conical Abutment Screw	25

RECOMMENDED DRILLING SPEED IS 850 RPM.

Recommended implant insertion torque is 30 - 50 Ncm.

- If the insertion torque exceed 50 Ncm consider reducing the pressure caused by high insertion torque by:
- (1) reversing the implant 2-3 rotations, and then reinserting to the appropriate height
 - (2) remove the implant and countersink or tap the osteotomy and then reinsert the implant. (If the implant is removed, reinsert it into it's titanium vial during the countersinking/tapping procedure)

* Optional drilling sequence may begin with drill Ø 2.4 / Ø 2.0

NOTE: Due to the individuality of the patients condition, the doctor must use his clinical judgment and expertise in choosing the right protocol.



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Titanium Interface Coping Retentive	Multi-Unit Scan Abutment	Single-Unit Scan Abutment	Narrow Platform Scan Abutment	Standard Platform Scan Abutment	Wide Platform Scan Abutment	Conical Platform Scan Abutment
<i>New Design</i>						
						
42-70028	30-70103	30-70104	30-70102	30-70101	30-70106	30-70105

Titanium Interface Coping	Multi-Unit Digital Analog	Single-Unit Digital Analog	Narrow Platform Digital Analog	Standard Platform Digital Analog	Wide Platform Digital Analog	PCA Digital Analog
						
41-70059	30-70504	30-70507	30-70502	30-70501	30-70506	30-70503

NT TRADING FOR PALTOP

NT Trading for PALTOP products should be used with the NT Trading for PALTOP libraries which can be found on PALTOP's website under "Digital Service".



Narrow Platform			
Scan Abutment	Blank Abutment	Digital Analog	Mill Lab Analog
			
30-70108	30-70235	30-70510	30-70239

Standard Platform			
Scan Abutment	Blank Abutment	Digital Analog	Mill Lab Analog
			
30-70107	30-70234	30-70509	30-70238

Wide Platform			
Scan Abutment	Blank Abutment	Digital Analog	Mill Lab Analog
			
30-70109	30-70236	30-70511	30-70240

Conical Platform			
Scan Abutment	Blank Abutment	Digital Analog	Mill Lab Analog
			
30-70110	30-70237	30-70512	30-70241

MILLING BLANKS PALTOP FOR ANANN GIRRBACH



Paltop products for Amann Girrbach should be used with the "Paltop Libraries" - for use with Paltop Scan Abutments" which can be found on PALTOP's website under "Digital Service".



Narrow Platform
Blank Abutment

30-70222

Standard Platform
Blank Abutment

30-70221

Wide Platform
Blank Abutment

30-70228

Conical Platform
Blank Abutment

30-70223

FULLY GUIDED SLEEVES

NARROW PLATFORM		
Brown	Purple	Silver
		
30-70415	30-70414	30-70409

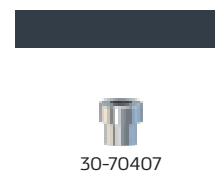
WIDE PLATFORM		
Brown	Purple	Silver
		
30-70413	30-70412	30-70408



PILOT SLEEVES

5MM		
Brown	Purple	Silver
		
30-70405	30-70403	30-70401

LATERAL FIXATION PIN SLEEVE



TITANIUM BASES ROUND

NARROW PLATFORM						
Engage	LENGTH = 4 MM			LENGTH = 6 MM		
	0.5mm	2mm	3mm	0.5mm	2mm	3mm
						
	40-70215	40-70295	40-70217	40-70219	40-70297	40-70221
Non Engage	LENGTH = 4 MM			LENGTH = 6 MM		
	0.5mm	2mm	3mm	0.5mm	2mm	3mm
						
	40-70216	40-70296	40-70218	40-70220	40-70298	40-70222

STANDARD PLATFORM						
Engage	LENGTH = 4 MM			LENGTH = 6 MM		
	0.5mm	2mm	3mm	0.5mm	2mm	3mm
						
	40-70207	40-70291	40-70209	40-70211	40-70293	40-70213
Non Engage	LENGTH = 4 MM			LENGTH = 6 MM		
	0.5mm	2mm	3mm	0.5mm	2mm	3mm
						
	40-70208	40-70292	40-70210	40-70212	40-70294	40-70214

WIDE PLATFORM					
Engage	LENGTH = 4 MM		Non-Engage	LENGTH = 6 MM	
	0.5mm	0.5mm		0.5mm	0.5mm
					
	40-70223	40-70225		40-70224	40-70226

CONICAL PLATFORM						
Engage	LENGTH = 4 MM			LENGTH = 6 MM		
	0.5mm	2mm	3mm	0.5mm	2mm	3mm
						
	40-72046	40-72084	40-72048	40-72050	40-72086	40-72052
Non Engage	LENGTH = 4 MM			LENGTH = 6 MM		
	0.5mm	2mm	3mm	0.5mm	2mm	3mm
						
	40-72047	40-72085	40-72049	40-72051	40-72087	40-72053

TITANIUM BASES ROUND ANTERIORS

NARROW PLATFORM			STANDARD PLATFORM			CONICAL PLATFORM		
Engage			Engage			Engage		
0.5mm	2mm	3mm	0.5mm	2mm	3mm	0.5mm	2mm	3mm
								
40-70302	40-70303	40-70304	40-70299	40-70300	40-70301	40-72081	40-72082	40-72083

TEMPORARY TITANIUM ABUTMENTS

NARROW PLATFORM		STANDARD PLATFORM		WIDE PLATFORM		CONICAL PLATFORM	
Engage	Non-Engage	Engage	Non-Engage	Engage	Non Engage	Engage	Non-Engage
							
45-70031	45-70032	45-70029	45-70030	45-70042	45-70043	45-72031	45-72032

TITANIUM BASES SQUARE

NARROW PLATFORM				STANDARD PLATFORM			
Engage	Non-Engage	Engage	Non-Engage	Engage	Non-Engage	Engage	Non-Engage
1mm	1mm	3mm	3mm	1mm	1mm	3mm	3mm
							
40-70067	40-70080	40-70095	40-70097	40-70066	40-70079	40-70094	40-70096

CONICAL PLATFORM				WIDE PLATFORM	
Engage		Non-Engage		Engage	Non Engage
1mm	3mm	1mm	3mm	1mm	1mm
					
40-72031	40-72036	40-72032	40-72037	40-70128	40-70129

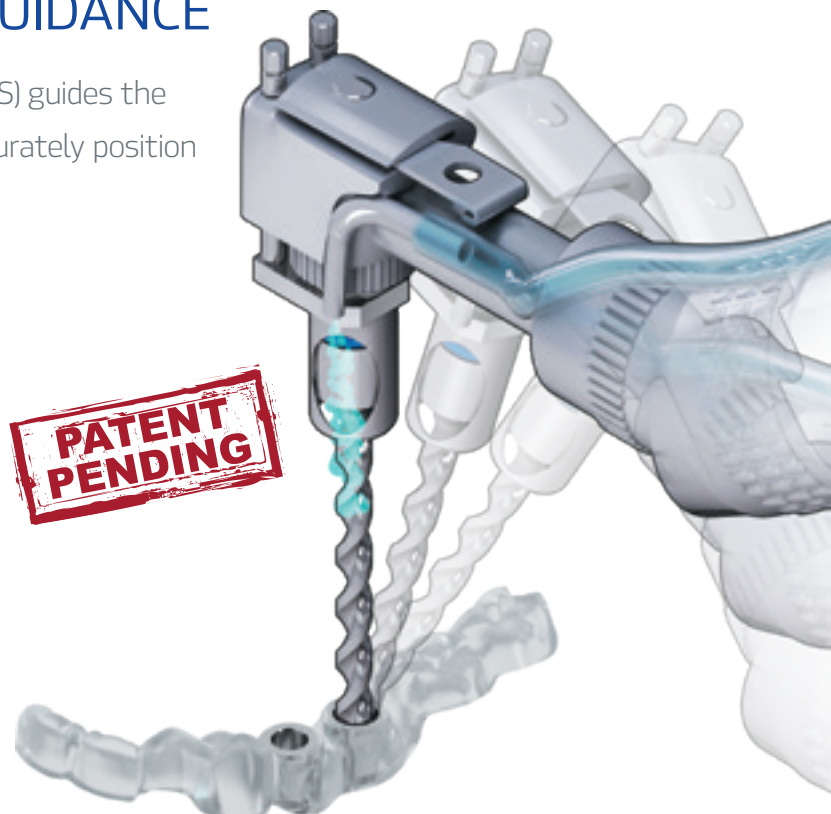
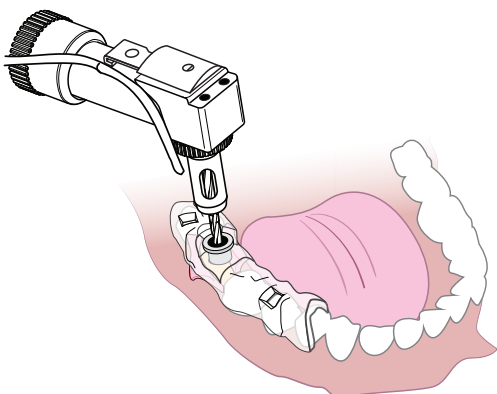
UNIQUE FULLY GUIDED SURGICAL SYSTEM

- ✓ Continuous direct irrigation on the drill
- ✓ Significantly less inter-arch space needed
- ✓ Use 1 hand, not 2
- ✓ No implant drill guide keys/spoons required
- ✓ No direct contact of drilling flutes to sleeves-no metal shavings-drills last longer
- ✓ Guide sleeves in two diameters for ideal implant spacing
- ✓ Three drill lengths with fewer drills in the surgical kit
- ✓ One kit manages all PALTOP implant lines
- ✓ Covers implant lengths 6mm - 16mm
- ✓ Covers implant diameters 3.25mm - 5mm



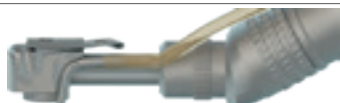
THE PALTOP INNOVATIVE CONCEPT: CONTRA ANGLE BASED GUIDANCE

The PALTOP unique Digital Guidance Sleeve (DGS) guides the contra angle through the surgical guide to accurately position the implant drills offering direct irrigation.



FULLY GUIDED SURGICAL KIT

cat # 30-70021

Digital Guidance Sleeve (DGS) for NSK, Narrow		30-70616	1	Insertion Key SP, Narrow Short		30-70622	1
Digital Guidance Sleeve (DGS) for NSK, Wide		30-70600	1	Insertion Key SP, Narrow Medium		30-70632	1
Tissue Punch Ø4mm		60-70140	1	Insertion Key SP, Narrow Long		30-70602	1
Tissue Punch Ø5mm		60-70141	1	Insertion Key NP + Conical, Wide Short		30-70643	1
Ø2mm, Short		30-70305	1	Insertion Key NP + Conical, Wide Medium		30-70644	1
Contra-angle Adapter		30-70618	1	Insertion Key NP + Conical, Wide Long		30-70645	1
Manual Hex Driver Ø1.25mm L14mm, Standard		60-70006	1	Insertion Key SP, Wide Short		30-70624	1
Lateral Fixation Pin		30-70505	4	Insertion Key SP, Wide Medium		30-70634	1
Fully Guided Drill Ø2.0mm L20mm		30-70306	1	Insertion Key SP, Wide Long		30-70604	1
Fully Guided Drill Ø3.25mm L20mm		30-70307	1	Pilot Drill Ø2mm x L25mm		30-70332	1
Fully Guided Drill Ø3.75mm L20mm		30-70308	1	Torque Ratchet		60-70042	1
Fully Guided Drill Ø4.2mm L20mm		30-70309	1				
Fully Guided Drill Ø5mm L20mm		30-70310	1	Contra Angle NSK		30-70324	1
Fully Guided Drill Ø2.0mm L25mm		30-70312	1				
Fully Guided Drill Ø3.25mm L25mm		30-70313	1				
Fully Guided Drill Ø3.75mm L25mm		30-70314	1				
Fully Guided Drill Ø4.2mm L25mm		30-70315	1				
Fully Guided Drill Ø5mm L25mm		30-70316	1				
Fully Guided Drill Ø2.0mm L30mm		30-70318	1				
Fully Guided Drill Ø3.25mm L30mm		30-70319	1				
Fully Guided Drill Ø3.75mm L30mm		30-70320	1				
Fully Guided Drill Ø4.2mm L30mm		30-70321	1				
Fully Guided Drill Ø5mm L30mm		30-70322	1				
Guided Countersink Ø3.25mm		30-70325	1				
Guided Countersink Ø3.75mm		30-70326	1				
Guided Countersink Ø4.2mm		30-70327	1				
Guided Countersink Ø5mm		30-70328	1				
Insertion Key NP + Conical, Narrow Short		30-70640	1				
Insertion Key NP + Conical, Narrow Medium		30-70641	1				
Insertion Key NP + Conical, Narrow Long		30-70642	1				

Unique concept for digital guidance that guides the contra angle through the surgical guide to accurately position the implant drills.

Specially designed fully guided surgical drills are sequentially inserted in and out of the contra angle creating an accurate osteotomy based on the virtual planning.

The drilling is fully irrigated and the system is designed also for minimal inter-arch space.

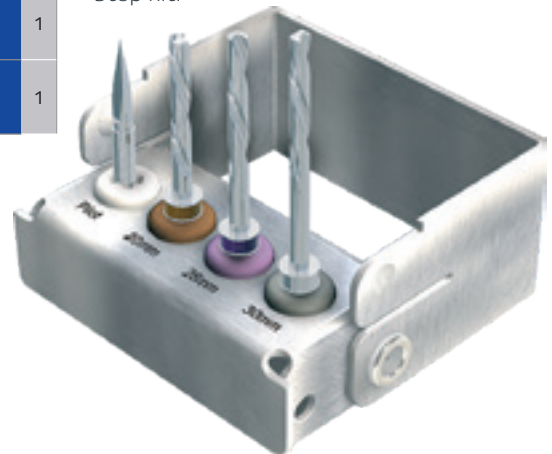


PILOT DRILL KIT

cat # 30-70023

The Pilot Surgical Guide enables the doctor to prepare the initial 2mm wide osteotomy in the pre-planned location, angle and depth. PALTOP's pilot surgical guide combined with a unique step drill system and Drill Stop Kit enables precise rapid implant positioning. The doctor then completes the osteotomy freehand accurately using the step drills and drill stop kit.

Pilot Guided Drill Spade		30-70301	1
Pilot Drill Ø2mm x L20mm		30-70329	1
Pilot Drill Ø2mm x L25mm		30-70330	1
Pilot Drill Ø2mm x L30mm		30-70331	1



SURGICAL GUIDES

PALTOP offers a Surgical Guide that enables accurate positioning of the implants based on 3D CAD digital planning. The surgical guide enables optimal placement of the implant in position, angulation and depth.

- Optimal implant position
- Accurate drilling
- Full visibility
- Effective irrigation
- Simple to use
- Matches PALTOP's Standard protocol and surgical kit



Tooth-Supported Surgical Guide

When there are at least three stable teeth present in the mouth, a tooth-supported surgical guide may be used in guided surgery. The guide is designed to fit to the teeth, while small inspection windows in the surgical guide enable the Doctor to see through and verify the fit.



Bone-Supported Surgical Guide

A bone supported guide can be manufactured in cases where the CT has few artifacts.



Tissue-Supported Surgical Guide

In fully edentulous cases, the surgical guide is supported by the tissue while fixation pins stabilize the surgical guide to its correct position during surgery.

Printed Model	Custom Healing Abutment	Custom Abutment	Temp Crown PMMA-Multi Layer
			
30-70002*	30-70003*	30-70004*	30-70005*

* Not Currently Available in the US.



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DIGITAL WORK PORTAL MANAGE YOUR OWN DIGITAL TREATMENT WORKFLOW

1 Complete registration to Paltop Digital Portal (one time only)

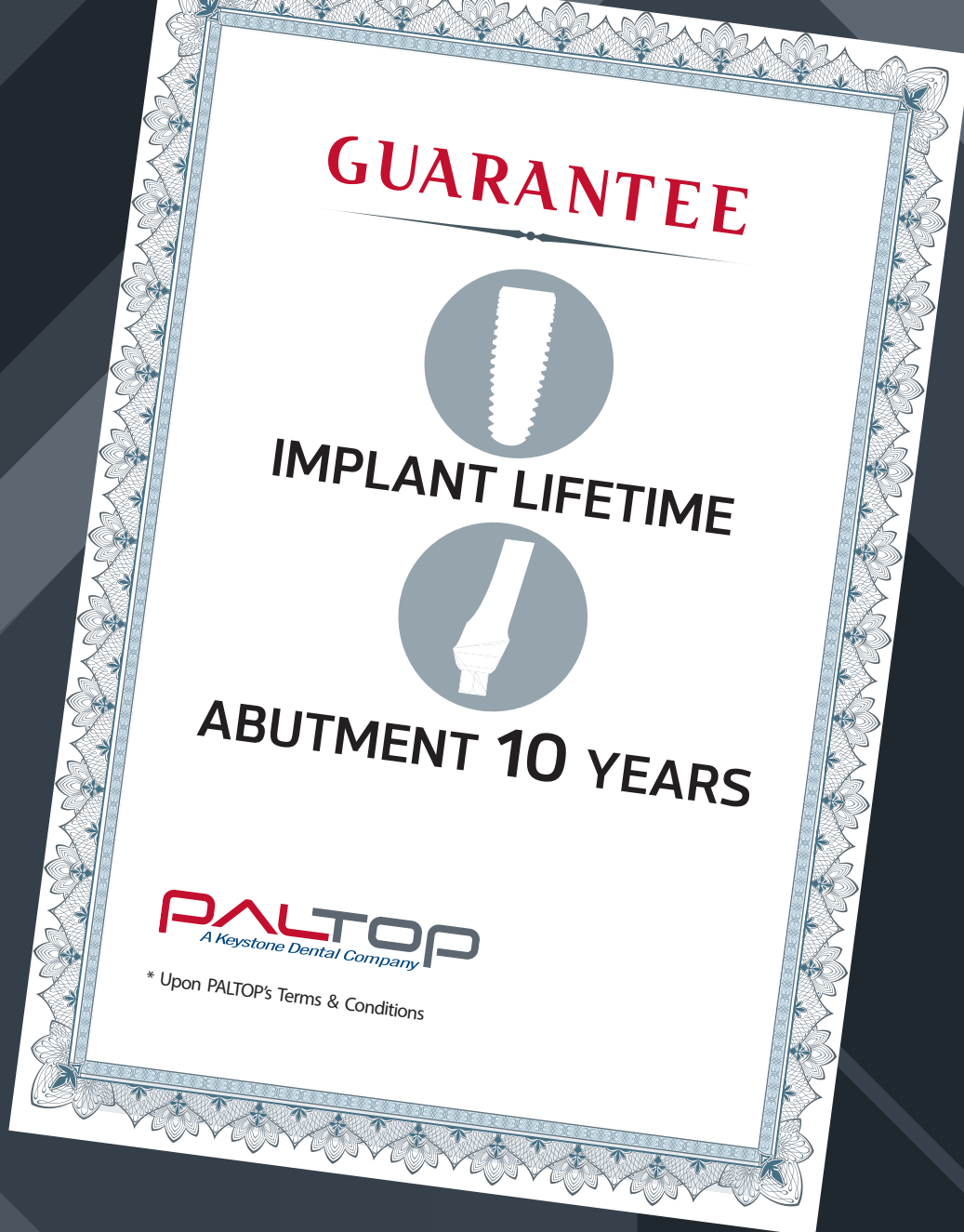
2 Login with your Paltop Password

3 Complete patient prescription form

4 Upload CBCT raw dicom files, intra-oral scan & clinical images

5 Receive your surgical planning protocol for approval directly to your Paltop digital portal. Approve planning

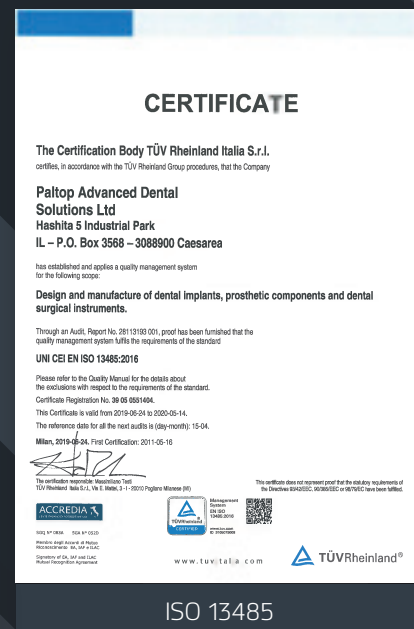
6 Receive your order directly from Paltop or from any approved dental lab



CE approval



FDA Certificate



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