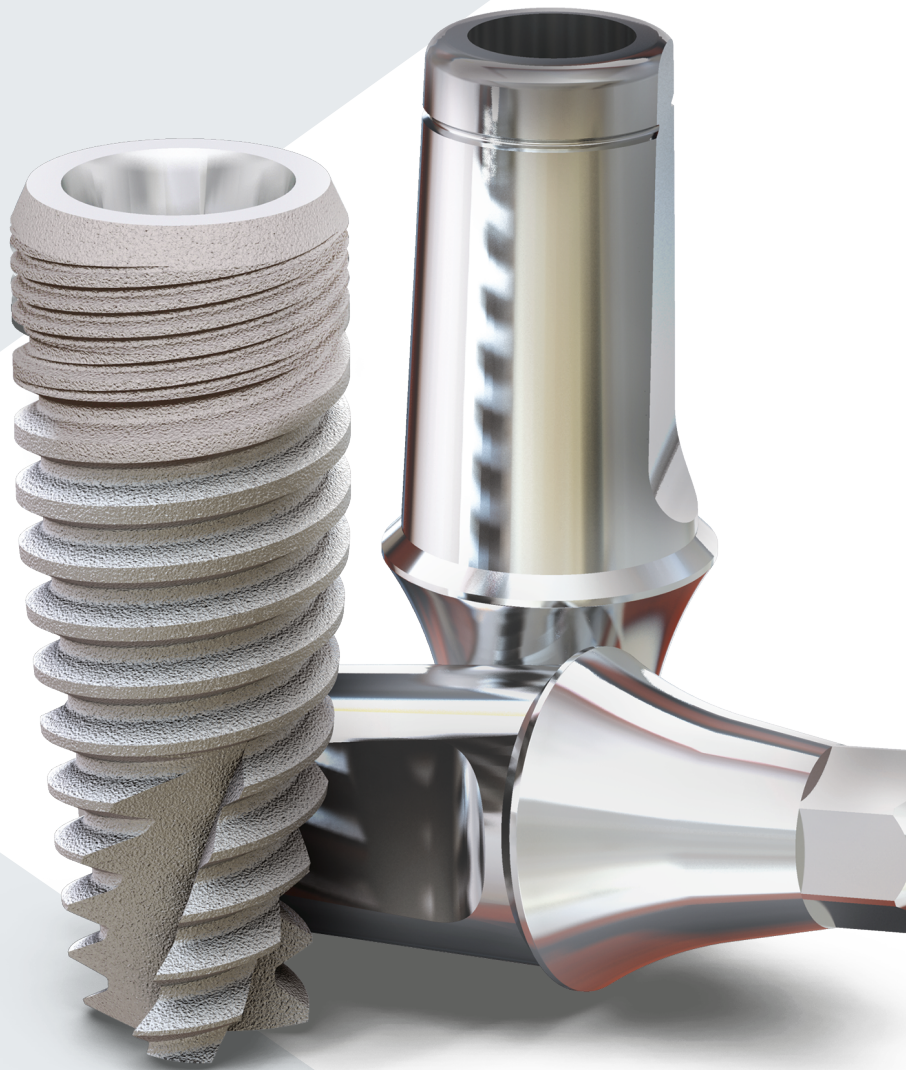


# PALTOP

*A Keystone Dental Company*



## PCA

IMPLANT SYSTEM  
PALTOP CONICAL ACTIVE

# Important Factors in the Design of a Conical Implant Abutment Connection

## 1. Retention:

The closer the tolerance between the implant angle ( $\alpha$ ) to the abutment angle ( $\beta$ ) the greater the mechanical retention for eliminating micro movement.

## 2. Sealing against bacterial endotoxin leakage:

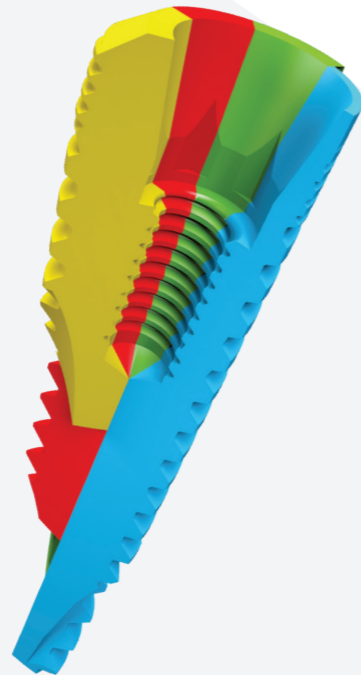
The larger the angle ( $\alpha$ ), the better the seal. Group A companies:  $8 \leq \alpha \leq 16$  - good friction (retention). Group B companies:  $16 \leq \alpha \leq 30$  - good sealing

## 3. Material specifications:

Superior material mechanical properties enable engineering possibilities to design a better seal.

## 4. One platform:

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

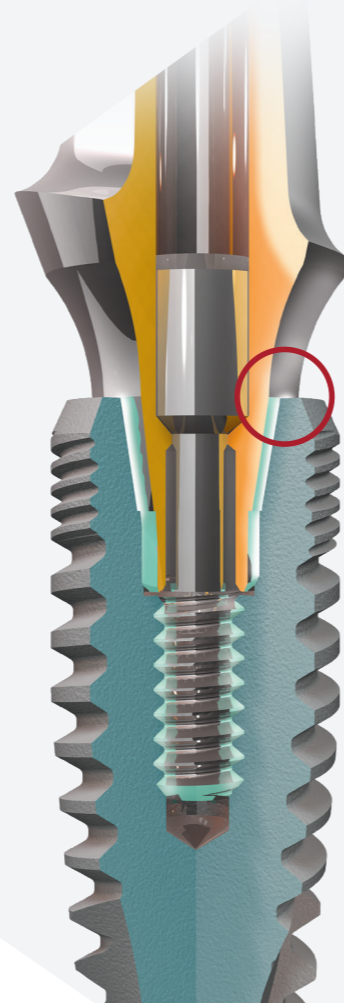
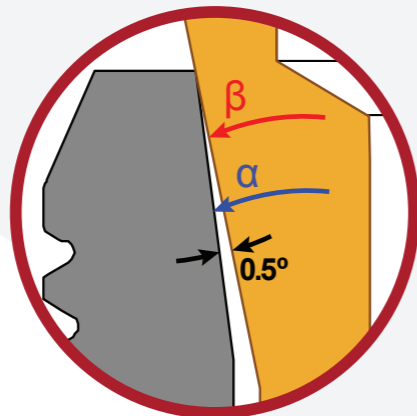


One platform

# The PALTOP Advantage

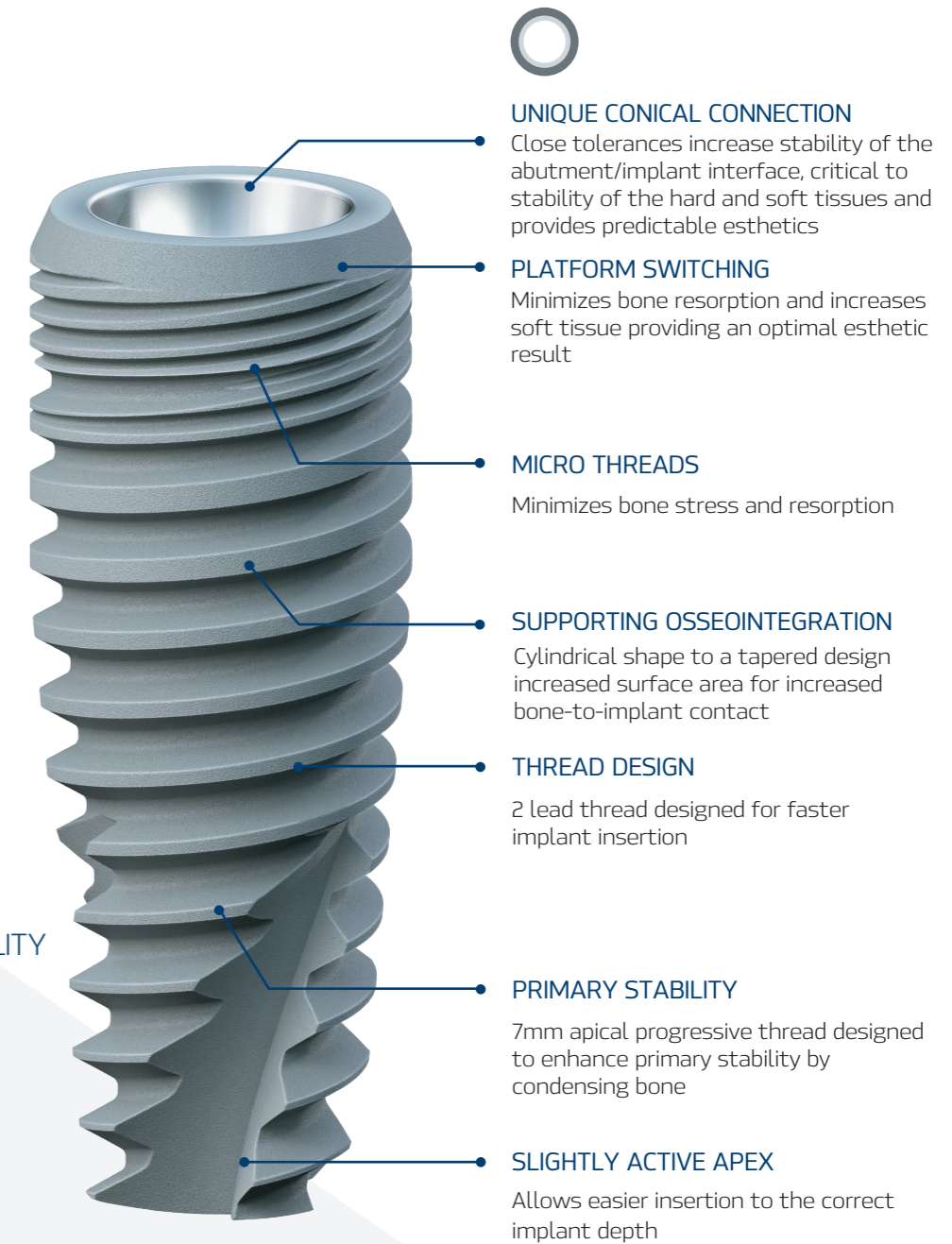
Through an understanding of biology, engineering, materials science and practical clinical usage, the PALTOP Conical Connection was developed.

- ✓ The PALTOP implant angle ( $\alpha$ ) and the abutment angle ( $\beta$ ) are produced in an accuracy of  $0.5^\circ$  to achieve excellent retention and zero micro movement.
- ✓ The PALTOP  $22^\circ$  conical angle creates an optimal seal against bacterial endotoxin leakage, while maintaining excellent retention.
- ✓ The implant and abutment material is Titanium Alloy Grade 5 which has superior mechanical properties to pure titanium.



## CLINICAL ADVANTAGES

- ✓ ONE KIT FOR ALL IMPLANTS
- ✓ SELF-TAPPING
- ✓ BONE CONDENSING
- ✓ EASY INSERTION
- ✓ EXCELLENT PRIMARY STABILITY



ONE PLATFORM							
3.25mm		3.75mm		4.2mm		5.0mm	
L mm		L mm		L mm		L mm	
10.0 mm	22-70018	8.0 mm	22-70017	*6.0 mm	22-70005	*6.0 mm	22-70011
11.5 mm	22-70019	10.0 mm	22-70001	8.0 mm	22-70006	8.0 mm	22-70012
13.0 mm	22-70020	11.5 mm	22-70002	10.0 mm	22-70007	10.0 mm	22-70013
16.0 mm	22-70021	13.0 mm	22-70003	11.5 mm	22-70008	11.5 mm	22-70014
		16.0 mm	22-70004	13.0 mm	22-70009	13.0 mm	22-70015
				16.0 mm	22-70010	16.0 mm	22-70016

\* Pending FDA Clearance

## HEALING CAPS

	2mm	3mm	4mm	5mm	7mm		2mm	3mm	5mm	
CONCAVE Ø4.5 mm							STRAIGHT Ø4.5 mm			
	55-72042	55-72043	55-72044	55-72045	55-72047			55-72002	55-72003	55-72005
CONCAVE Ø6.0 mm	2mm	3mm	5mm	7mm						
55-72062	55-72063	55-72065	55-72067							

## CASTABLE ABUTMENTS

COBALT CHROME	Engage	Non Engage	CASTABLE GOLD BASE	Engage	Non Engage
40-72021	40-72022	46-72001	46-72002		

## IMPRESSION COPING

Ø4.5 mm	Closed Tray	Open Tray For Ratchet	Open Tray Slim	Ø6.0 mm	Closed Tray	Open Tray For Ratchet
56-72145	56-72045	56-72046	56-72160	56-72060		

Analog	Scan Abutment	PCA Digital Analog	Plastic Snap-on Closed Tray Impression Coping
56-72011	30-70105	30-70503	56-72012

## ANGULATION CORRECTIVE SYSTEM (ACS)

Engage 4mm	1mm	3mm	Non-Engage 4mm	1mm	3mm	Manual Hex Driver	Hex Driver for Ratchet	Screw
40-72054	40-72056	40-72055	40-72057	60-70152	60-70153	80-72001		

## CONCAVE ANATOMIC ABUTMENTS

Ø 4.5 mm	1mm	2mm	3mm	4mm	5mm	KNIFE EDGE
40-72041	40-72042	40-72043	40-72044	40-72045	40-72010	
Ø 6.0 mm	1mm	2mm	3mm	4mm	5mm	
40-72061	40-72062	40-72063	40-72064	40-72065		

## ANATOMIC CONCAVE ANGULATED ABUTMENTS

20°	1mm	2mm	3mm	4mm	5mm	KNIFE EDGE 20°
40-72241	40-72242	40-72243	40-72244	40-72245	40-72020	

## TITANIUM BASE ROUND

LENGTH 4MM	Engage			Non Engage		
	0.5mm	2mm	3mm	0.5mm	2mm	3mm
40-72046	40-72084	40-72048	40-72047	40-72085	40-72049	

LENGTH 6MM	Engage			Non Engage		
	0.5mm	2mm	3mm	0.5mm	2mm	3mm
40-72050	40-72086	40-72052	40-72051	40-72087	40-72053	

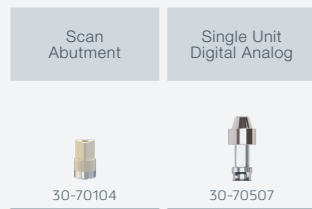
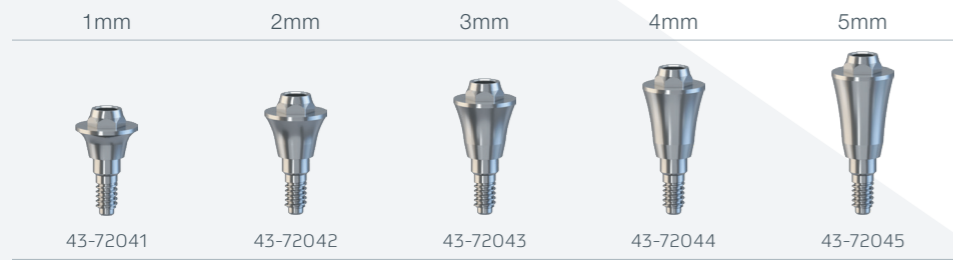
## TITANIUM BASES ROUND ANTERIOR

Engage		
0.5mm	2mm	3mm
40-72081	40-72082	40-72083

## TITANIUM BASE SQUARE

Engage		Non Engage	
1mm	3mm	1mm	3mm
40-72031	40-72036	40-72032	40-72037

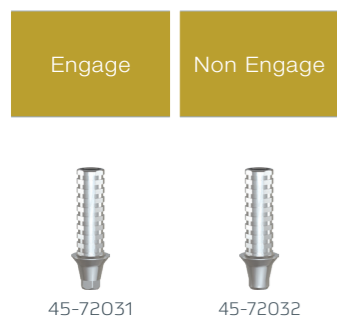
SINGLE UNIT



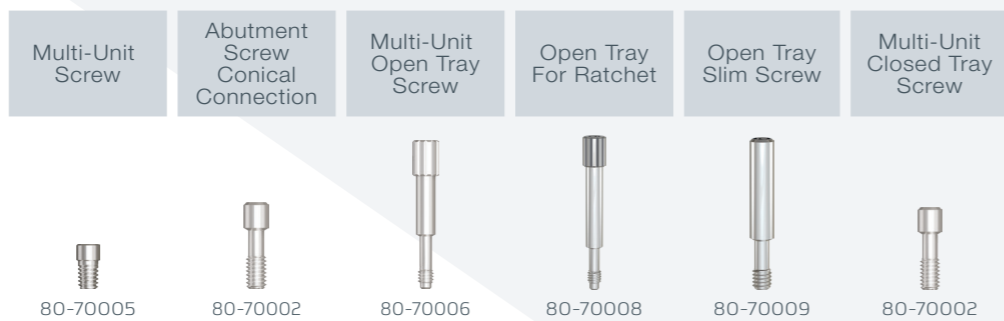
BALL ABUTMENTS



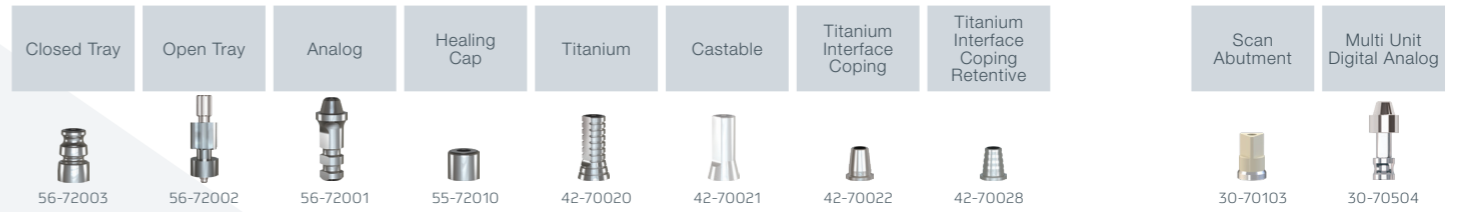
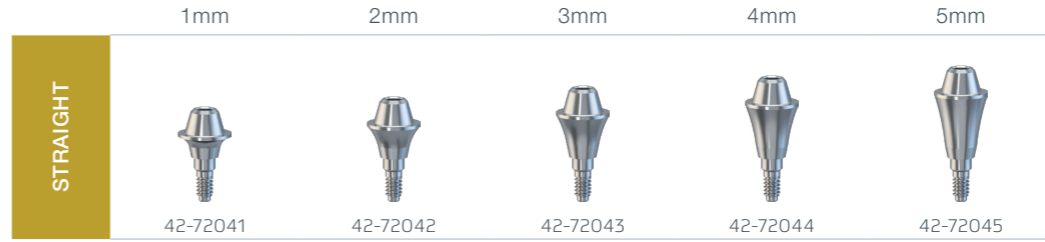
TEMPORARY ABUTMENT



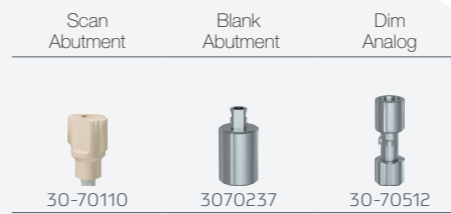
SCREWS



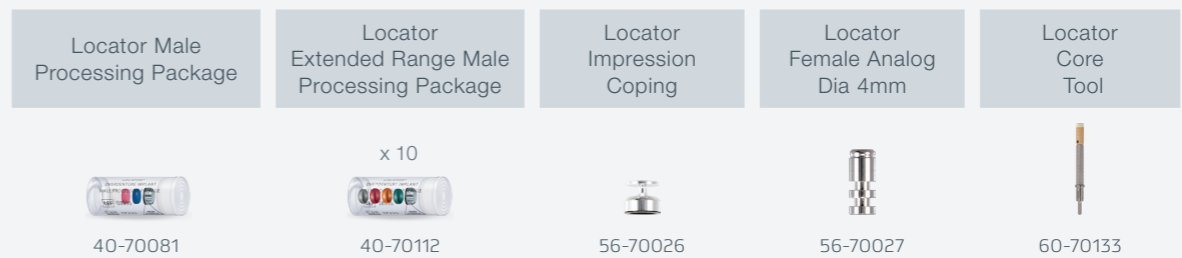
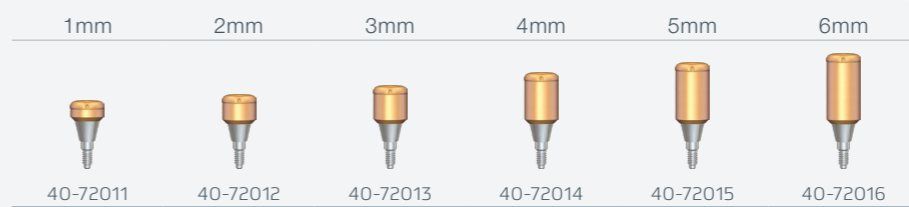
MULTI UNIT



NT TRADING FOR PALTOP



LOCATOR ABUTMENTS



# EQUATOR ABUTMENTS



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

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

Stainless Steel Housing	Retentive Cap Rigid-2700gr, Violet	Retentive Cap Standard-1800gr Clear	Retentive Cap Soft-1200gr 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



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