

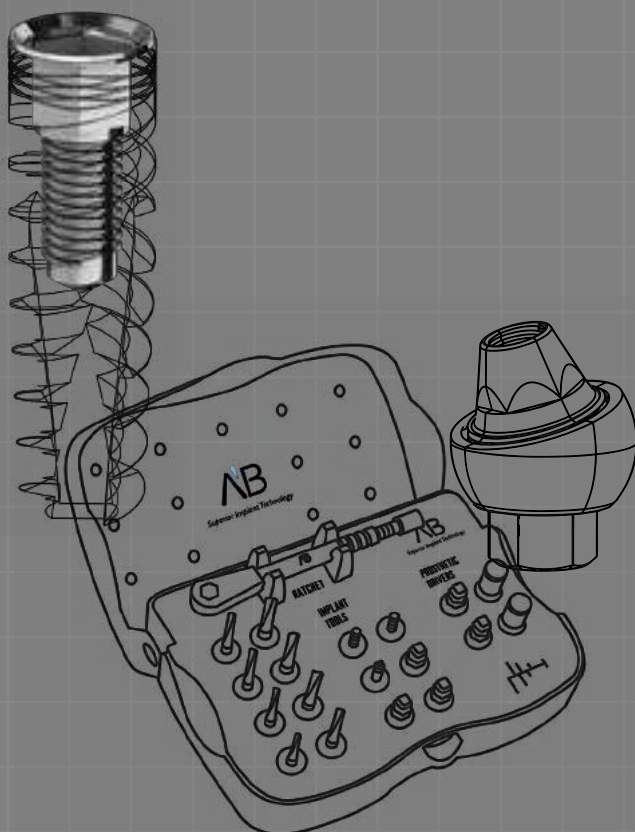


Superior Implant Technology

AB CATALOG



SUPERIOR IMPLANT TECHNOLOGY



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Our instructions for use are available at: www.ab-dent.com/ifu

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AB Dental Devices' products are cleared for marketing by the FDA and are CE-marked in accordance with the Council Directive 93/42/EEC and Amendment 2007/47/EC. The products availability may vary between countries according to each local regulatory approval. AB Dental Devices complies with EN ISO 13485:2016 and Australia - Therapeutic Goods (MD) Regulations, the Canadian Medical Devices Regulations - SOR 98/282, USA - 21 CFR 820, 21 CFR 806, 21 CFR 807 (A-D).

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COMPANY PROFILE

AB Dental is an international, dynamic and innovative company, specializing in the development, manufacturing and marketing of dental implants, prosthetic products and surgical tools. We provide the dentist a complete solution to satisfy all clinical needs, along with computerized implant planning and surgical guides with custom individual implants. Our vision is providing a wide selection of outstanding products, meeting the highest standards, with excellent professional service.

AB DENTAL OFFERS A UNIQUE MODEL TO THE MARKET WHICH PROVIDES THE DENTIST WITH A COMPLETE END TO END SOLUTION

- + Computerized implant planning
- + 3D printing of surgical guides
- + Custom individual implants using laser-sintering technology
- + A wide range of implants, prosthetic parts, tools, accessories, CAD/CAM solutions and regenerative materials required for the dentist to perform an accurate and successful treatment
- + In-house training center fully equipped for lectures and hands-on training

AB Dental adheres to the highest quality international standards and is MDSAP & ISO 13485 certified. AB Dental has obtained approvals from regulatory agencies in multiple countries: MDSAP, FDA (USA), CE (Europe), Russia Federation, AMAR (Israel), NMPA (Chinese FDA), India FDA, TFDA (Taiwan FDA), TGA (Australian MOH), Health Canada and more.



WITH A MISSION TO LEAD THE MARKET WITH THE NEXT GENERATION OF SMART DENTAL TECHNOLOGY AND SOLUTIONS, WE PROVIDE MORE THAN JUST SERVICES - WE HOLD OURSELVES TO HIGHER STANDARDS OF CARE

Continuous Innovation: Never content to simply create when we can lead the way, we constantly improve and expand our innovative line of products, offering breakthrough technology that goes beyond addressing today's market needs to provide visionary and enhanced solutions.

Patents, products, and tailor-made solutions: Unique patented smart solutions give you an edge in the market. Our large portfolio of products allows for diversified solutions.

The combination of creativity, unparalleled R&D, and our unique marketing model enables us to provide a swift response to adapt to changing needs in the relevant markets.

Advisory Board: AB Dental's advisory board covers all aspects of dentistry and includes renowned researchers from leading universities, equipping AB Dental to foresee and address all dental needs and perspectives.

Advanced Training Center: We provide on-going training for all our dentists and dental technicians to ensure excellence and continued development.

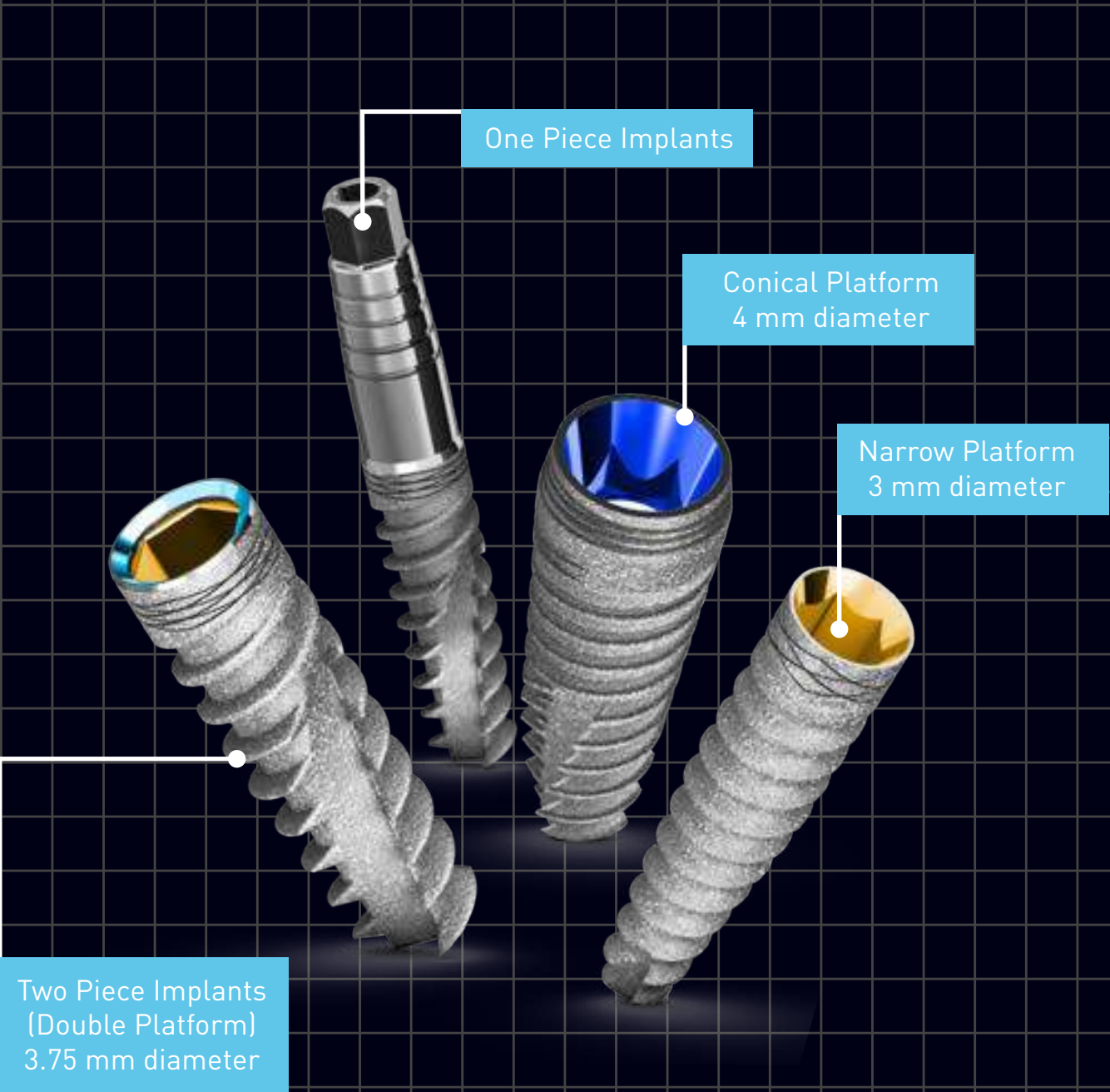
Human resource: We know that the right staff is the foundation of any successful company. Investment in client interaction and satisfaction is as pivotal as technology.



OUR DENTAL IMPLANTS

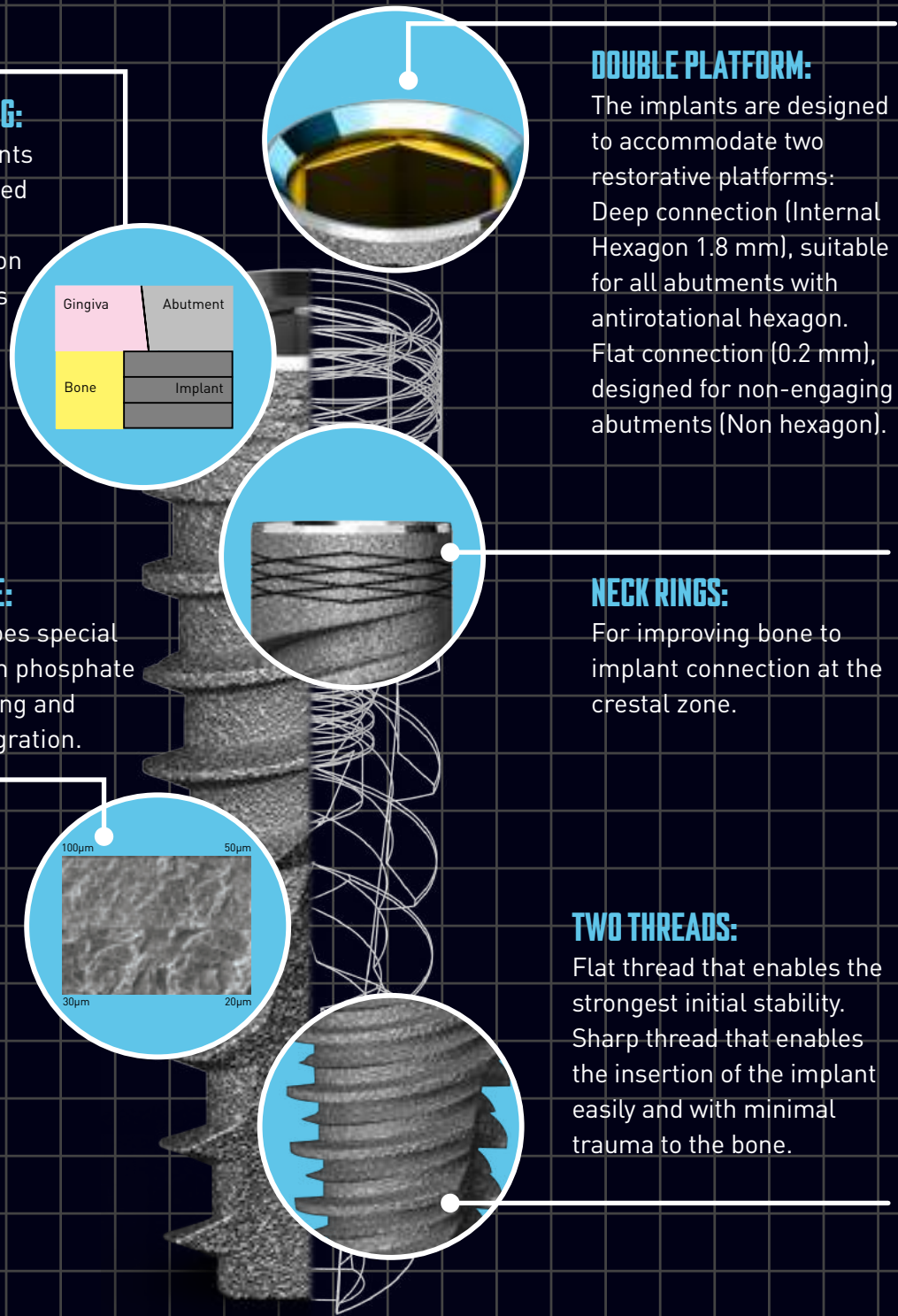
ADVANTAGES

A WIDE RANGE OF DENTAL IMPLANTS FOR ALL PLATFORMS AND SIZES (SHORT/LONG/WIDE), EACH ONE HAS A UNIQUE DESIGN TO MEET THE REQUIREMENTS OF EACH DENTIST AND PATIENT.



PLATFORM SWITCHING:
Restoration of implants with diameter-reduced abutments, for improved preservation of crestal bone levels and increasing the soft tissue volume contributes to long-term esthetic outcomes.

BIOLOGICAL SURFACE:
The implant undergoes special blasting with calcium phosphate for surface roughening and enhanced osseointegration.



MATERIAL

All AB Dental implants are made of Titanium alloy Ti-6Al-4V ELI in accordance with ASTM-F136-02 standard specification.

Titanium is a proven ideal implant material, mainly due to its ability to integrate almost completely with the bone. In addition to being "bio-friendly", it provides favorable mechanical qualities (strength, endurance) and can be precisely fabricated (precision measured in microns) to ensure a range of implants that meet the requirements for optimizing stability in the widest range of patients (considering the dimensions and state of health of an individuals' bone and gums).

BIOLOGICAL SURFACE

AB Dental implants undergo a special treatment of Biological blasting with calcium phosphate for surface roughening, to enhance the direct attachment of the bone to the implant (Osseointegration), as supported by the following quote from an article that compared different surface treatments:

"As the implant surface is the first part of the device to contact the host's biological fluids, it is expected that its properties will affect the early healing between host and implant" (Albrektsson & Wennenberg, 2004).

"Over the years, implant surfaces have evolved from smooth as-turned surfaces towards textured surfaces. Surface texturization may be achieved through a series of methods such as acid-etching, grit-blasting, anodizing, and others" (Albrektsson & Wennenberg; Coelho et al., 2009). "However, concerns regarding the final surface biocompatibility have been expressed" (Lemons, 2004).

"The new biological surface, offered by AB Dental, combines all the technological innovations within one surface resulting in biological advantages.

The wide particle range bioactive ceramic media blasting with mild gradative multi-step cleaning assures a moderately rough surface (Figures 1 and 2) along with a highly biocompatible surface chemistry where only Osseo conductive and biocompatible elements can be detected" (Figure 3).

(Albrektsson & Wennenberg, 2004).

REFERENCES:

- + Albrektsson T, Wennenberg A. Oral implant surfaces: Part 1-review focusing on topographic and chemical properties of different surfaces and in vivo responses to them. *Int J Prosthodont* 2004;17(5):536-43.
- + Coelho PG, Granjeiro JM, Romanos GE, Suzuki M, Silva NR, Cardaropoli G, Thompson VP, Lemons JE. Basic research methods and current trends of dental implant surfaces. *J Biomed Mater Res B Appl Biomater* 2009;88(2):579-96.
- + Lemons JE Biomaterials, biomechanics, tissue healing, and immediate-function dental implants. *J Oral Implantol* 2004;30(5):318-24.

Figure 1:

Scanning electron micrographs of the biological surface. The bioactive ceramic media blasting with mild gradative multi-step cleaning assures a moderately rough surface. The surface treatment results in surface texturization in the micrometer and nanometer level, maximizing the interaction between surface and biological fluids immediately after implantation, and load bearing capability after Osseo integration establishment.

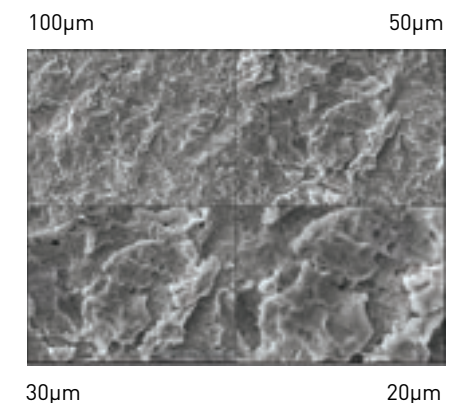


Figure 2:

Representative three-dimensional topographical reconstruction showing texturization at the micrometer and the nanometer level.

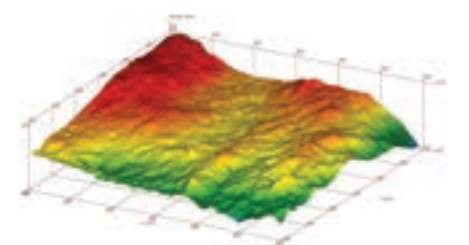
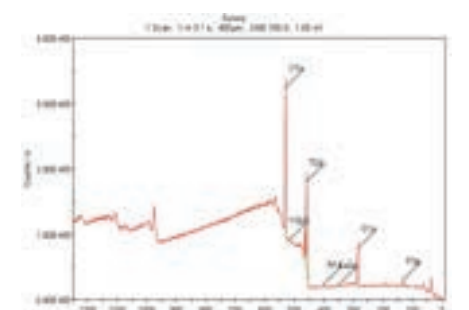
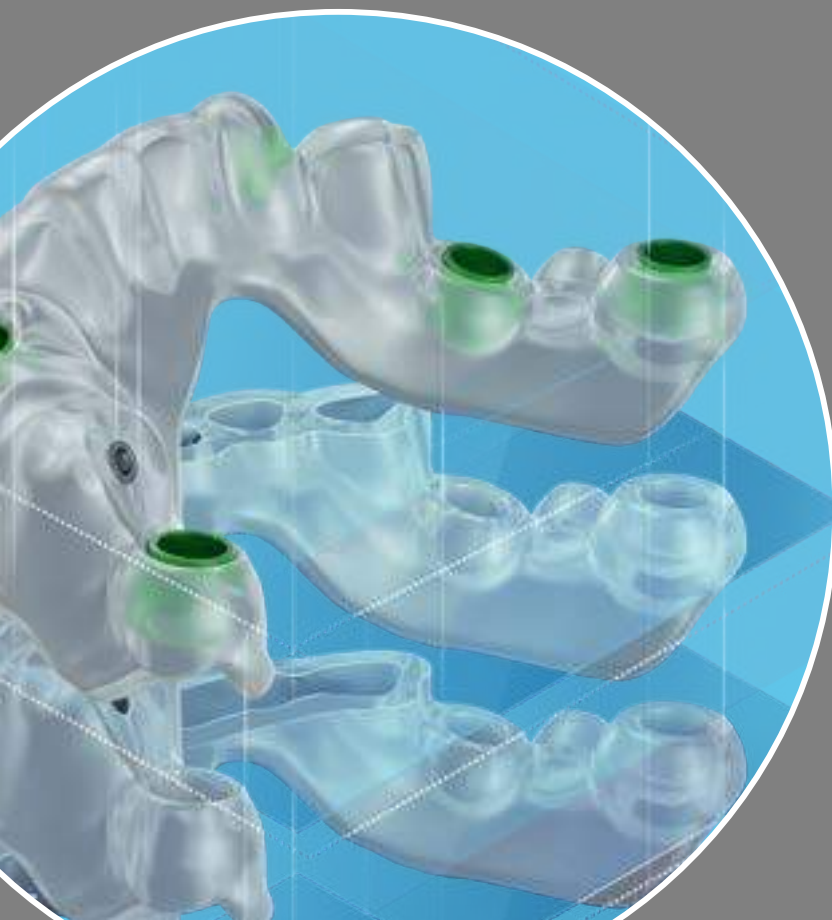


Figure 3:

Surface specific spectroscopy detecting only the elements of the implant with no contamination.

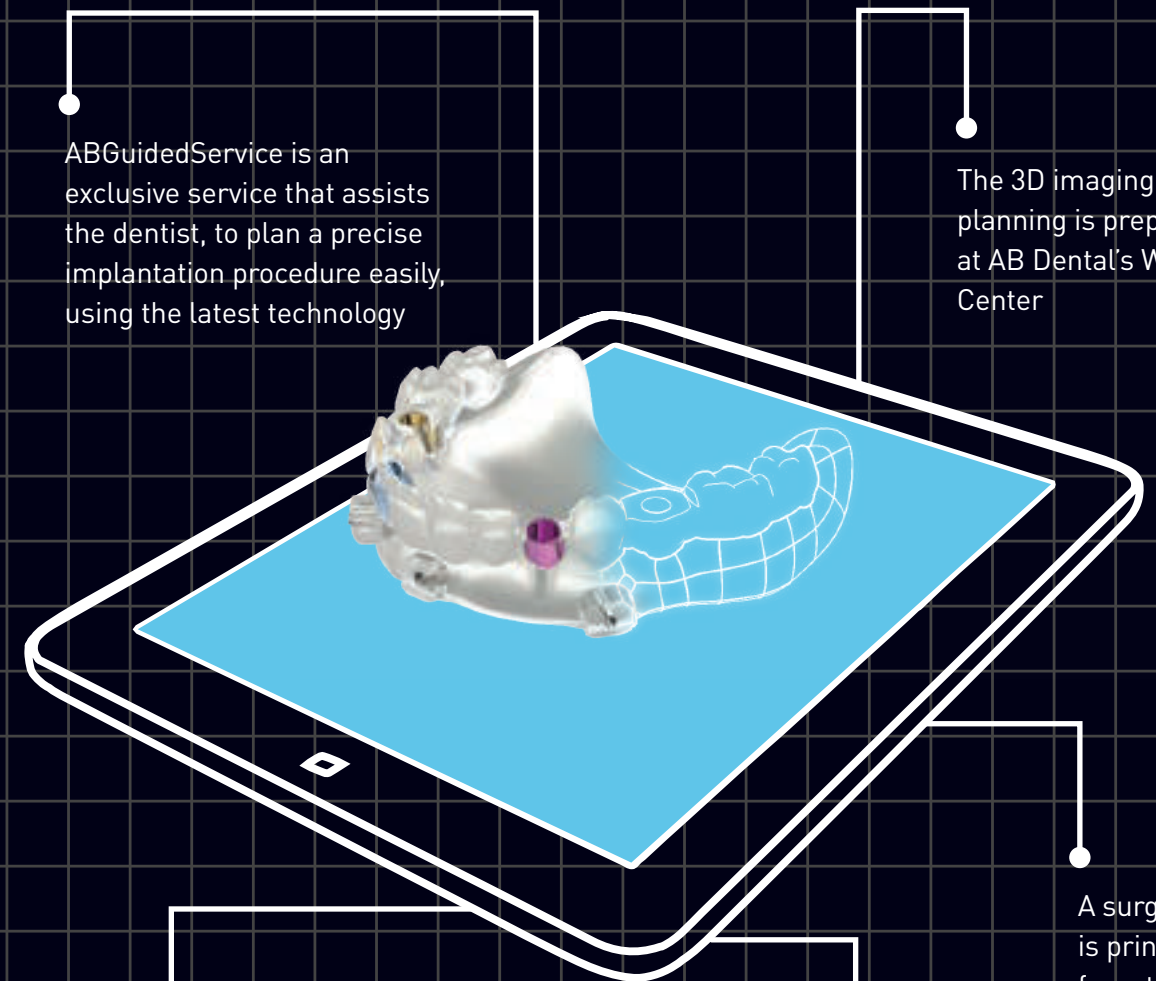


ABGUIDEDSERVICE



ABGuidedService is an exclusive service that assists the dentist, to plan a precise implantation procedure easily, using the latest technology

The 3D imaging and planning is prepared at AB Dental's World Center



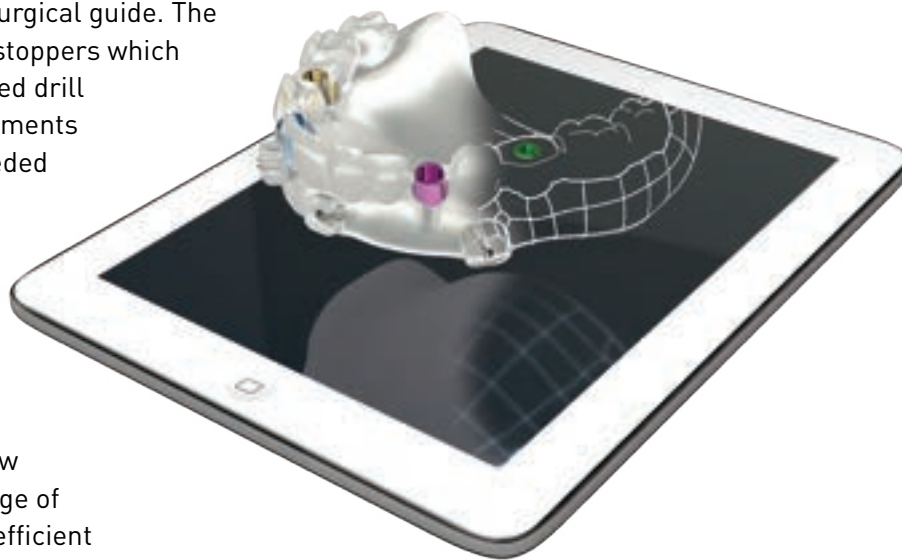
A surgical guide is printed digitally from the 3D plan, to bring the planning to the mouth

The ABGuide comes with the implants, prosthetic parts, surgical kit and even temporary bridge, for each case

The guide can be tooth, soft tissue or bone supported, and can be for any case, from 1 implant to a full jaw

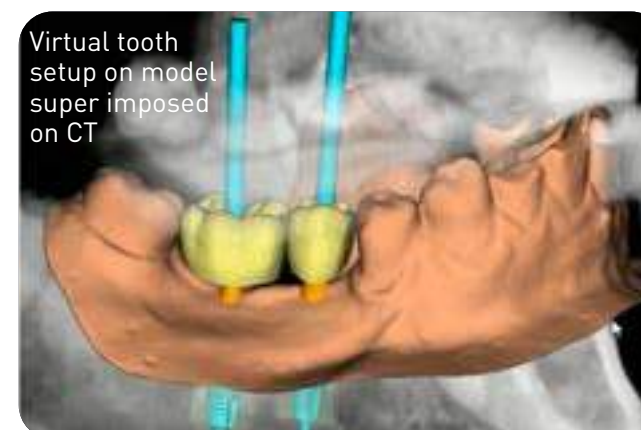
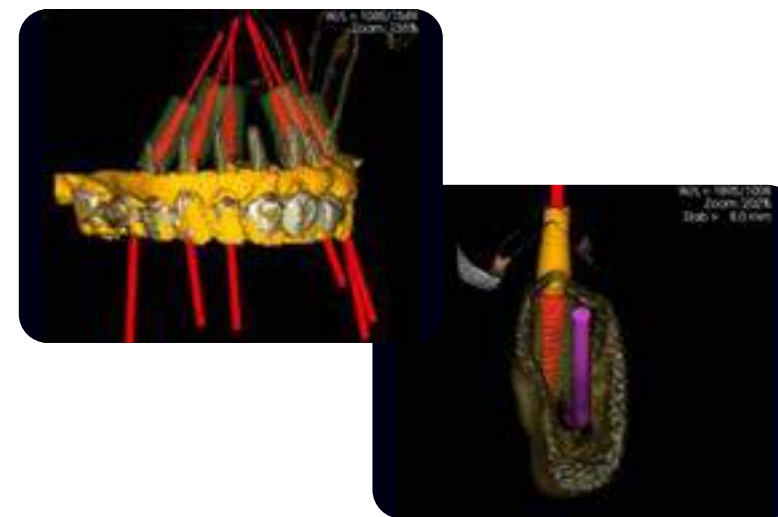
GENERAL INFORMATION

- ABGUIDEDSERVICE will prepare a treatment plan according to your instructions, and present to you 2D and 3D images in ABDenpax web-based technology. You can view the plan, consult with colleagues or dental laboratory (as the location of the restorations can be seen in the virtual plan) and either request changes or approve the plan.
- After the treatment plan is approved, a surgical guide is manufactured digitally, directly from the planning software. ABGUIDEDSERVICE is designed for users of A.B. Implants. The process is so easy, that you can use surgical guides for even 1 implant. There is no need to install software and to learn how to use it.
- ABGuided and ABDenpax provide this service for you, with all the images you need to view your plan. The case can also be sent with interactive software for dentists who wish to plan or make changes by themselves.
- The ABGuided Drill Kit provides all the tools you need to use with a surgical guide. The color-coded drills have stoppers which correspond to the planned drill depths, and no measurements and calculations are needed at the time of surgery.
- The surgery takes less time, and both you and your patient are more relaxed. This technology will allow you to use your knowledge of implantology in a more efficient and safer way.



9 REASONS WHY

- Maximum accuracy
- Relating to prosthetics
- All calculations and measurements before surgery
- Flapless in many cases
- Minimally invasive
- Can save bone augmentation and sinus lift
- Angled implants
- Surgery takes less time
- Abutments and healing caps planned



Virtual tooth setup on model super imposed on CT

ABGUIDEDSERVICE

ALL CASES

- Single Tooth
- Multiple Implants
- Angled Implants
- Edentulous
- Pterygoid
- Zygoma
- All cases with or without Flap

ABGUIDES CAN BE:

- Tooth supported
- Tooth and Soft tissue supported [free end]
- Soft tissue supported [edentulous]
- Bone supported
- Tooth and Bone supported

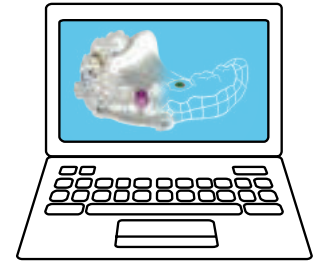
ABGUIDED DRILL KIT



STEP BY STEP

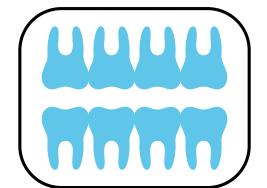
1

The doctor orders an ABGuide using free and easy to use ABDenpax software



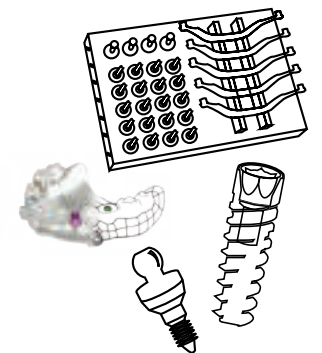
2

CT scan and 3D planning by ABGuided Service. Most cases without CT Guide. ABGuide is produced digitally from the approved plan.



3

Implant surgery with ABGuide, A.B. implants and prosthetic parts and ABGuided drill kit. The implants and parts are provided for each case.



OPTION: MODELS WITH ANALOGS & TEMPORARY RESTORATIONS

Models of the jaw, or copies of the impression model, can be 3D printed directly from the planning software, with analog positions exactly in the planned implant positions. This enables a temporary bridge to be made before the surgery, for immediate loading.



CUSTOM INDIVIDUAL IMPLANTS



The answer for
edentulous areas
with inadequate
bone

Designed individually on a CT,
using advanced 3D imaging
software

Manufactured using 3D
Titanium Printer with Laser
Sintering technology

Higher hydrophilic
surface

Unique micro-Nano surface

Enhanced osseointegration

3D LASER PRINTED CUSTOMIZED IMPLANT

A unique solution that uses 3D laser printed technology combined with ABGUIDEDSERVICE, computerized planning system, to design an implant for an individual case.

GENERAL INFORMATION

There are situations where conventional implants cannot provide a solution. AB Dental's Customized Implants are the answer for edentulous areas with inadequate bone. Each implant is designed individually on a CT, using advanced 3D imaging software, and manufactured using 3D Titanium Printer with Laser Sintering technology. The implant surface is similar to a standard implant, to achieve osteo-integration with the bone surface. The abutment positions are planned relating to the future prosthetic restoration.

Individually designed Custom Implants are also used in Maxillo-facial surgeries to restore partial or full jaws in cases of traumatic injuries, or removal of tumor or lesions. These advanced surgeries are more predictable and take less time.

JAW RESTORATION



INDIVIDUALLY DESIGNED SPLINTING APPLIANCE



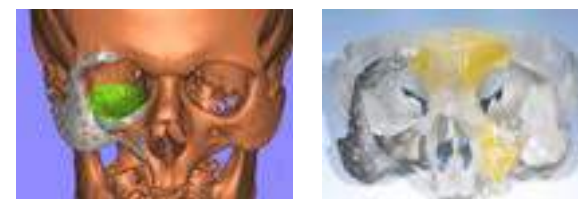
INDIVIDUALLY DESIGNED SUB-PERIOSTEAL IMPLANTS - FULL MANDIBLE



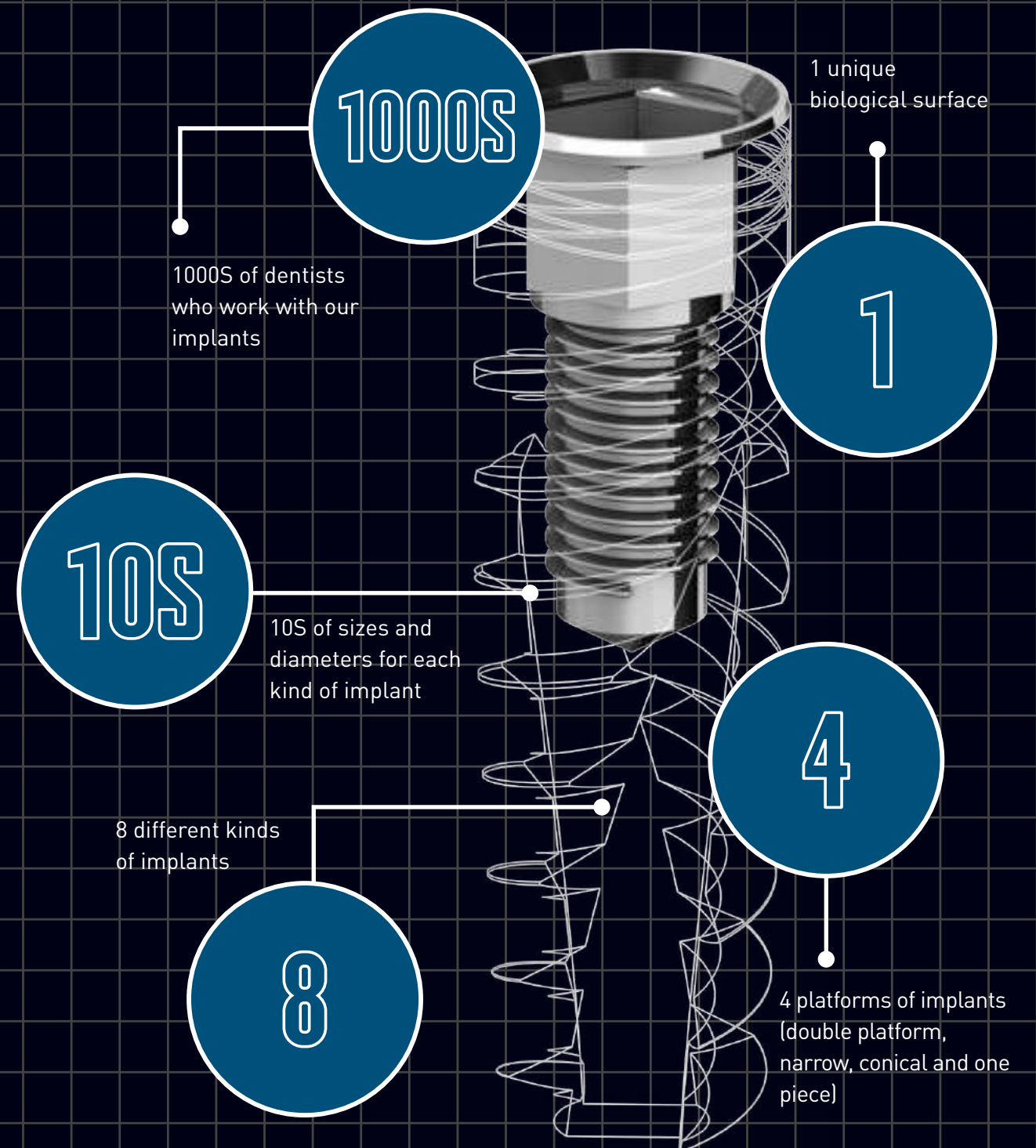
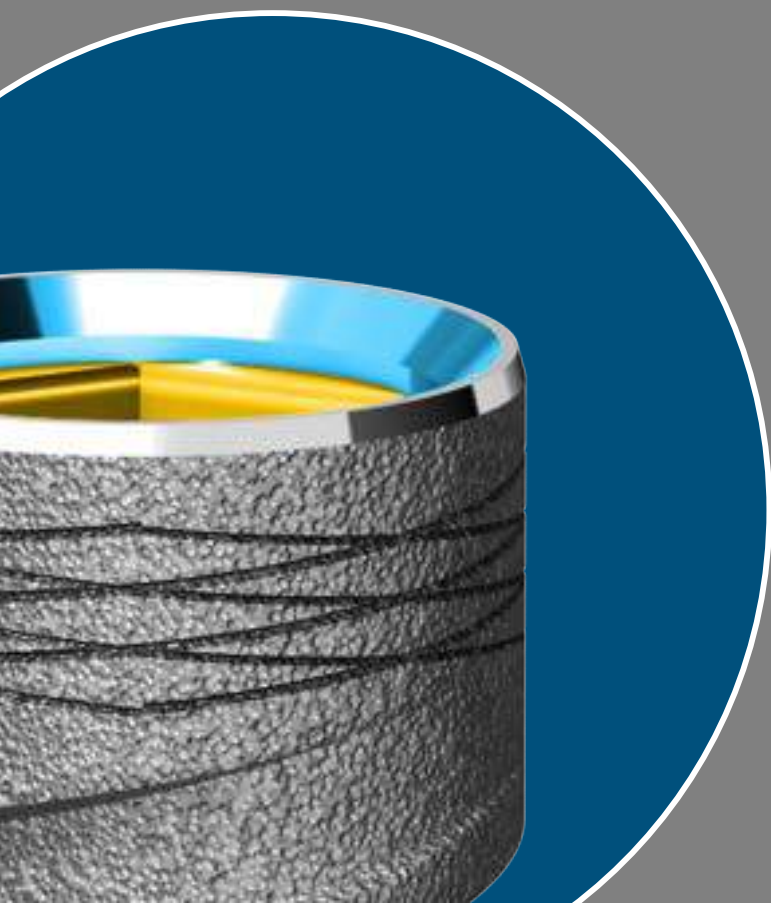
INDIVIDUALLY DESIGNED BILATERAL SUB-PERIOSTEAL IMPLANT



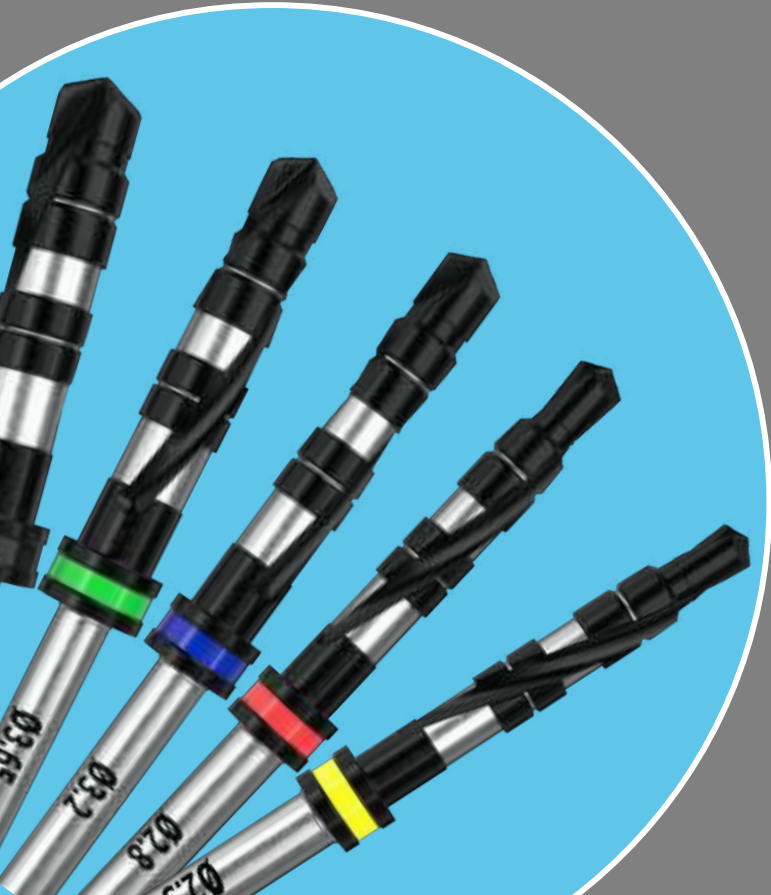
CRANIAL RECONSTRUCTION



DENTAL IMPLANTS



IMPLANT DRILL PROTOCOL



IMPLANT DRILL PROTOCOL

RECOMMENDED STEP DRILL PROTOCOL

		TMD	TPDD	TSD	TSD	TSD	TSD	TSD	TSD	TSD
Drill Diameter (mm)		Ø 1.9	Ø 2	Ø 2.5	Ø 2.8	Ø 3.2	Ø 3.65	Ø 4.0	Ø 4.5	Ø 5.0
Drill Speed (RPM)		1200-1500	900-1200	800-1000	500-700	400-700	400-600	400-600	300-500	200-400
Implant Diameter	Bone Type									

OPTIONAL DRILLS

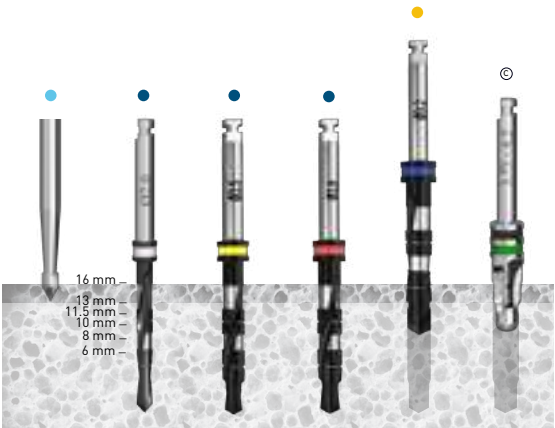
TDCS
3.75-4.2

TDCS
5-6

TD
Ø1.2

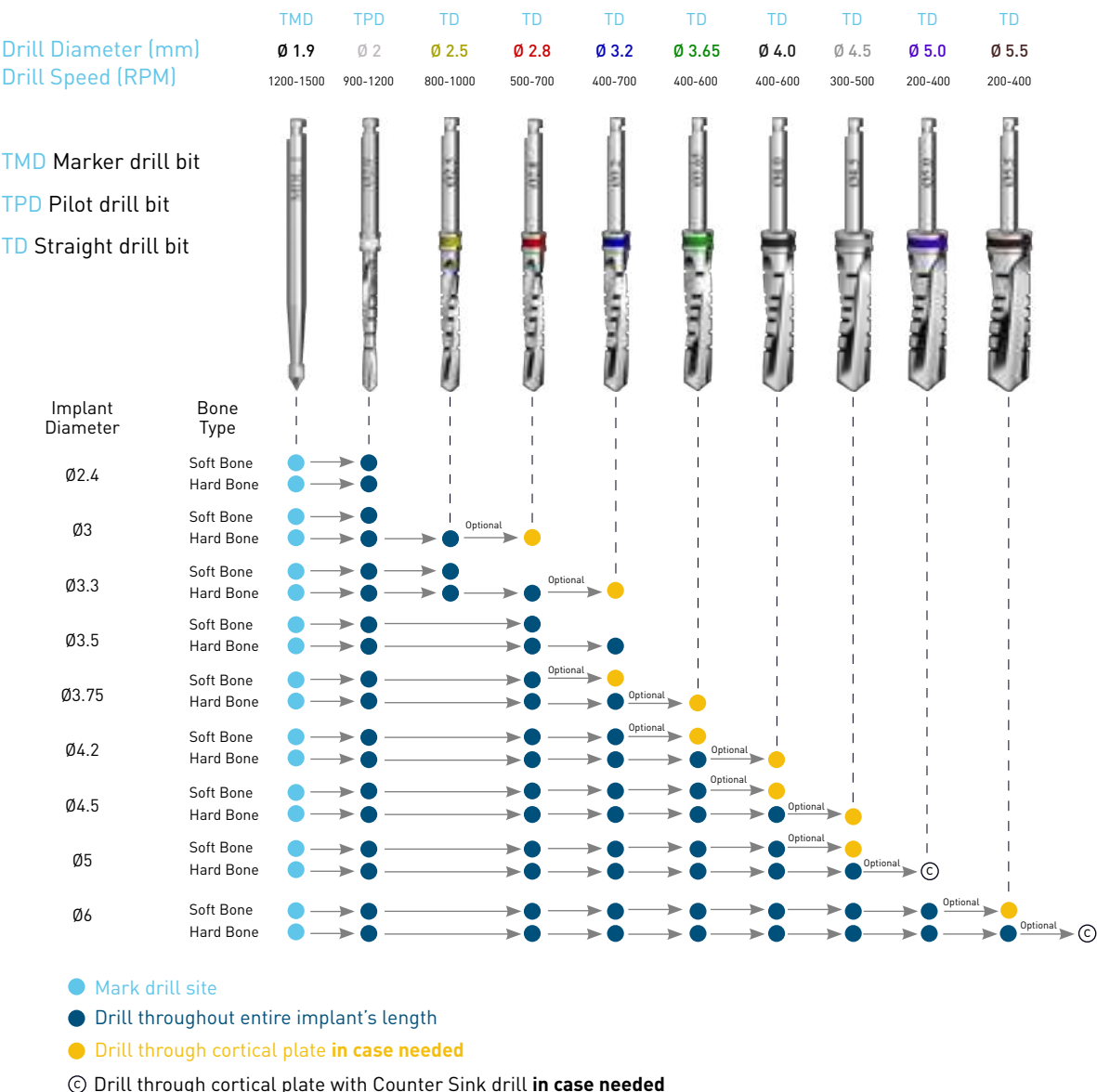
TD
Ø1.5

Procedure recommended by AB Dental should not replace the dentist/surgeon's judgment and experience. Final drill color (for hard bone) should correspond to Implant's Tube Cap color.

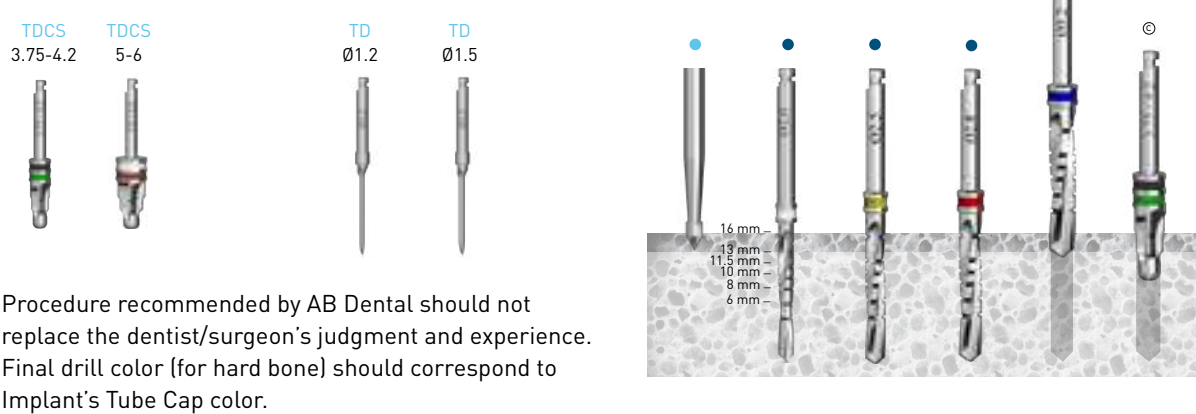


IMPLANT DRILL PROTOCOL

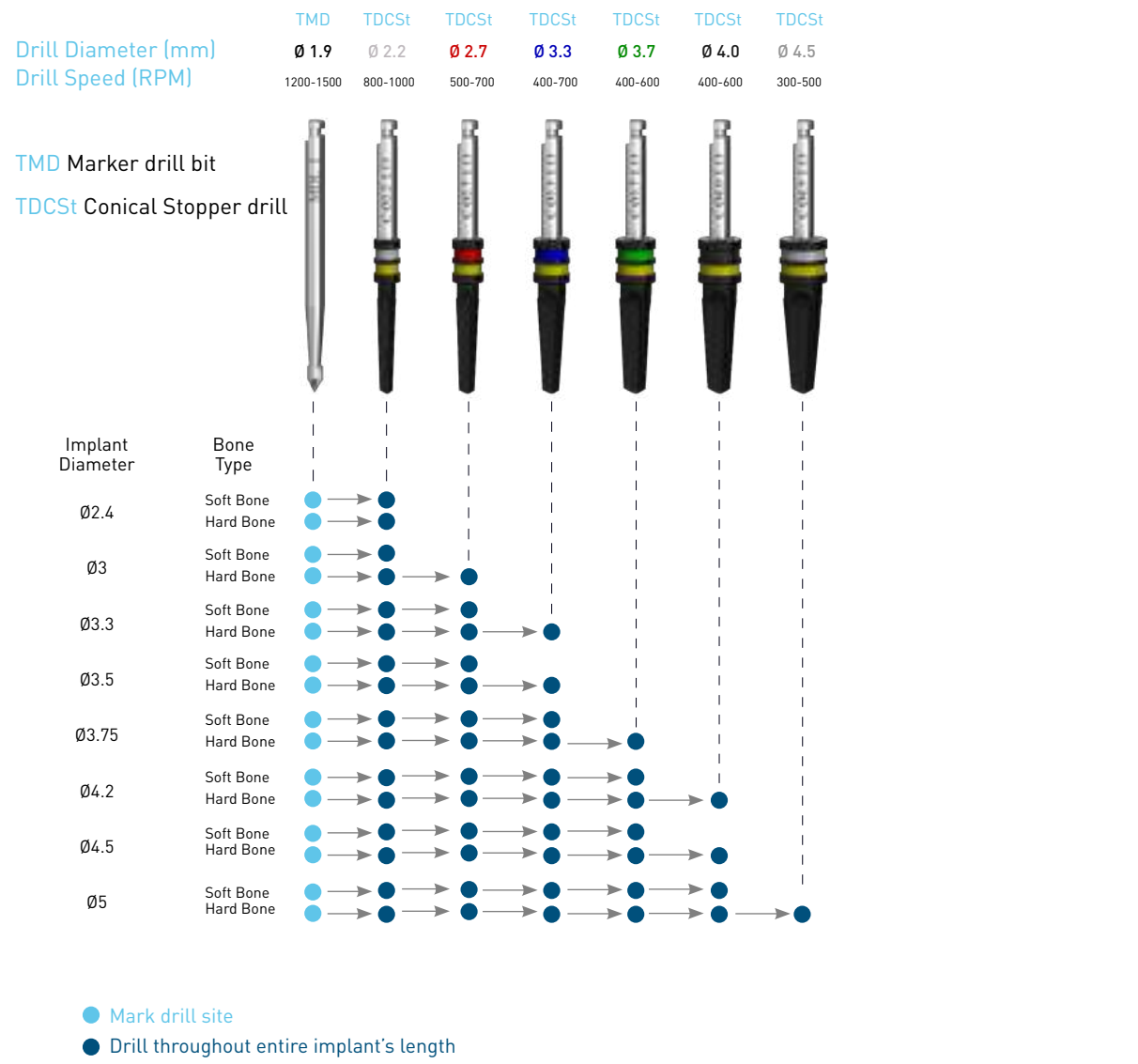
RECOMMENDED STRAIGHT DRILL PROTOCOL



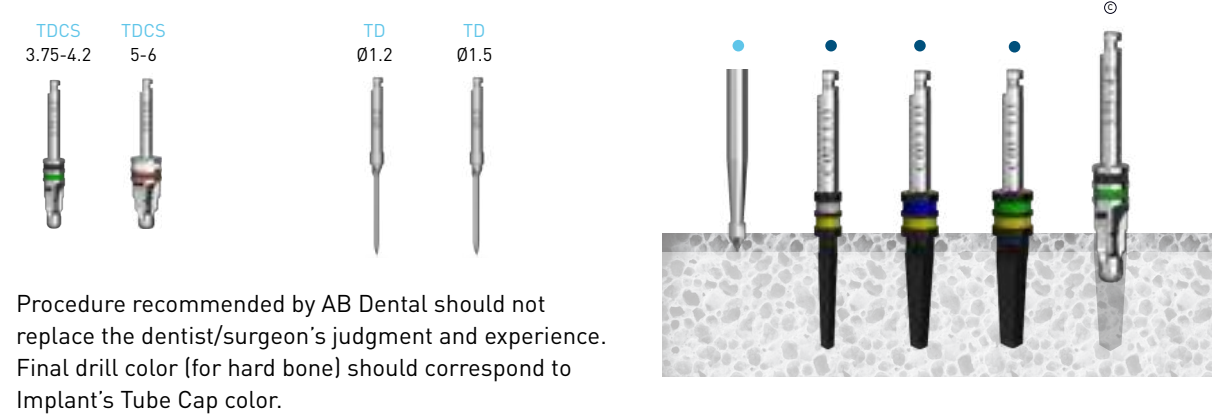
OPTIONAL DRILLS



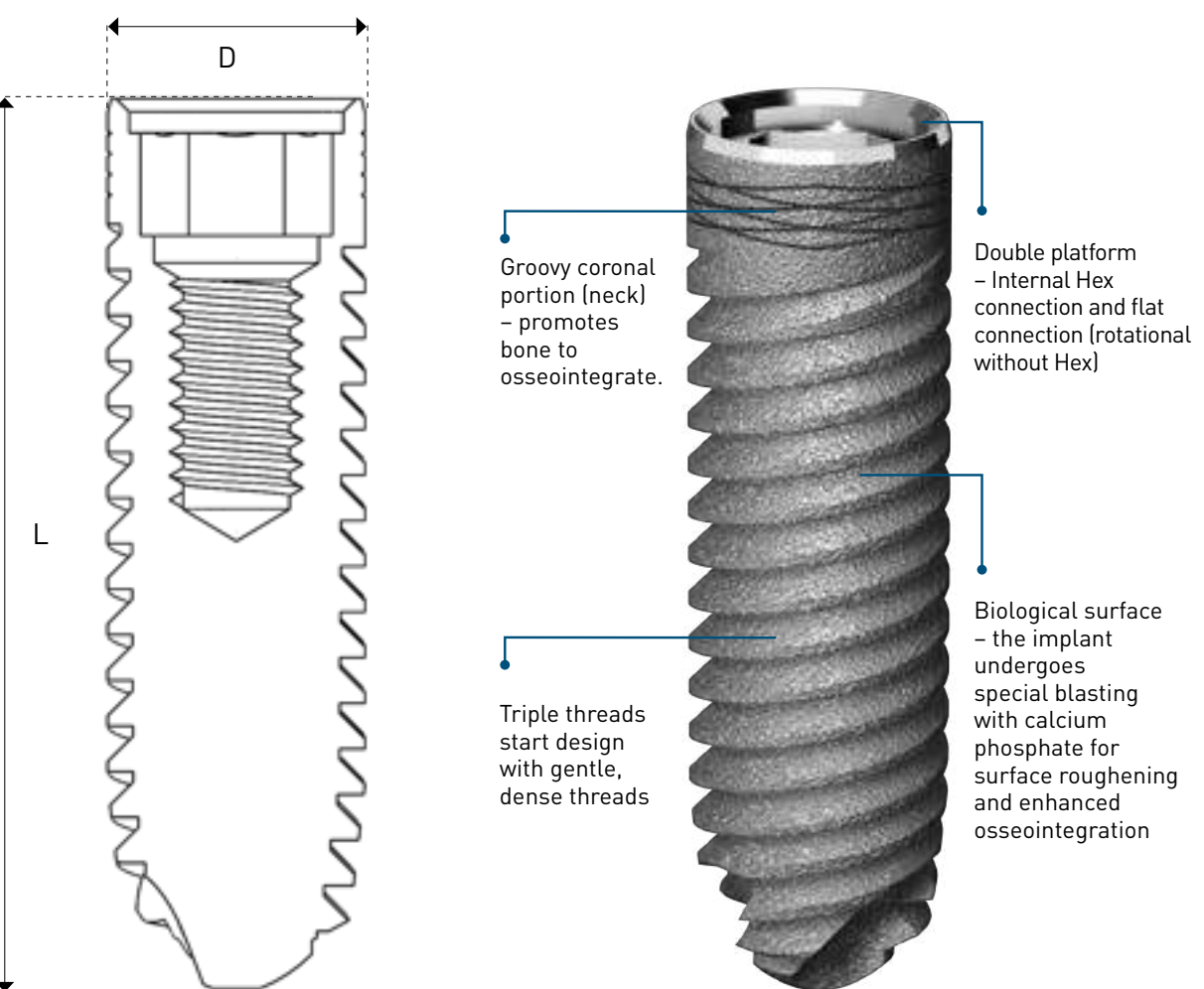
RECOMMENDED CONICAL STOPPER DRILL PROTOCOL



OPTIONAL DRILLS

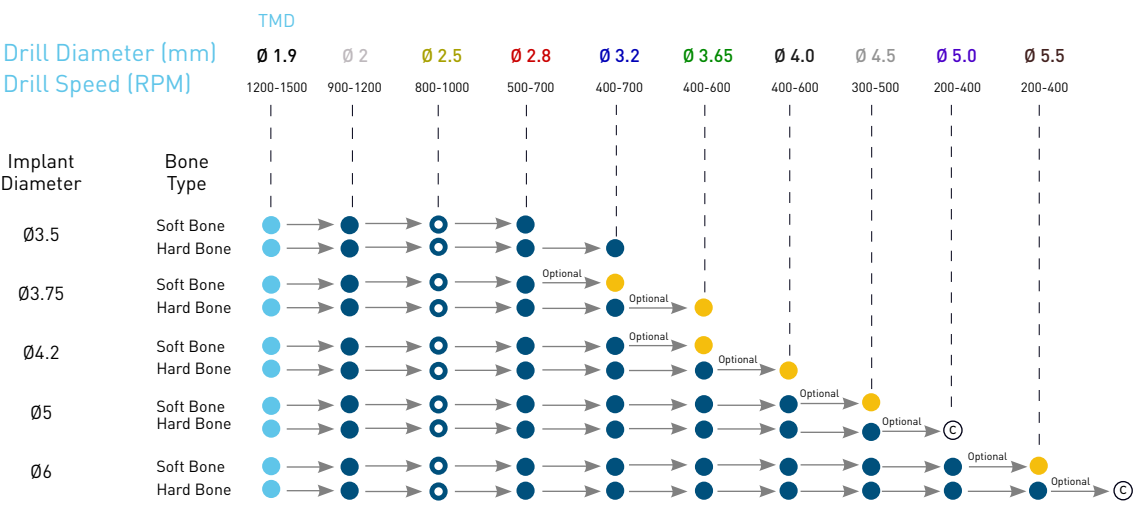


I2 SCREW TYPE IMPLANT



CAT no.	D (mm)	Platform	L (mm)	Tube top cap colors	With/Without Implant carrier
I2	3.5	Standard	8, 10, 11.5, 13, 16	●	Both
I2	3.75	Standard	8, 10, 11.5, 13, 16	●	Both
I2	4.2	Standard	8, 10, 11.5, 13, 16	●	Both
I2	5	Standard	8, 10, 11.5, 13, 16	○	Both
I2	6	Standard	8, 10, 11.5	●	With

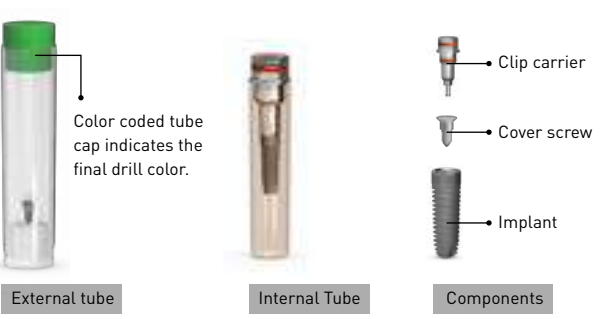
RECOMMENDED DRILL PROTOCOL FOR STRAIGHT OR STEP DRILLS



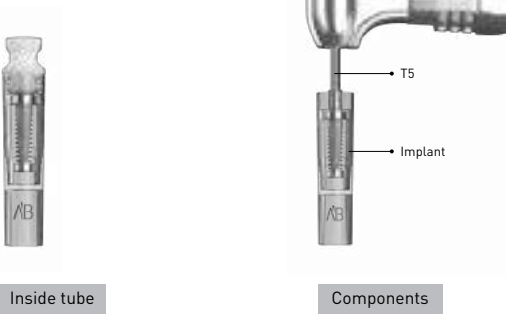
PACKAGE CONTENT

AB Dental Implants can be provided in a package with or without an implant carrier.

WITH CARRIER



WITHOUT CARRIER



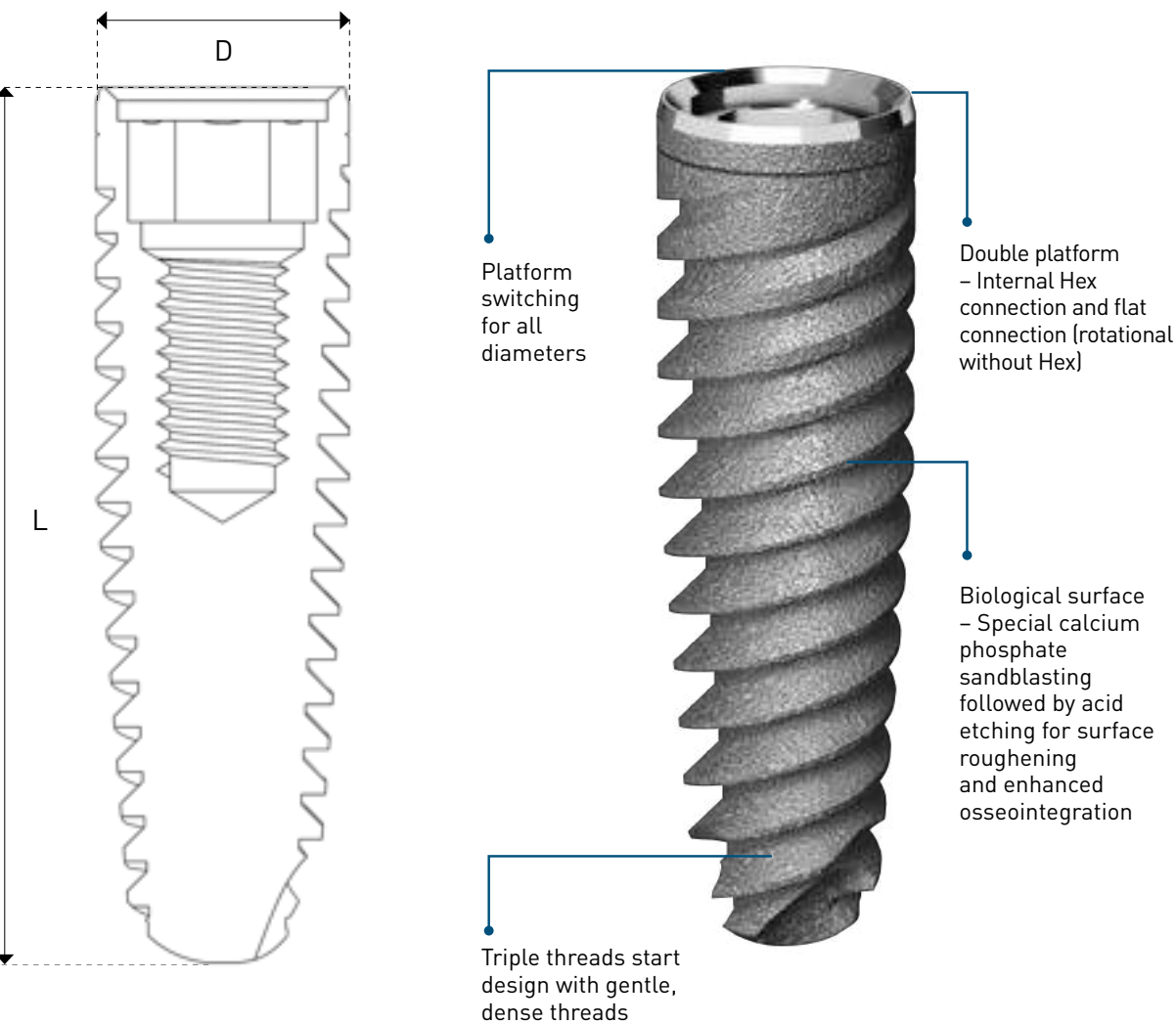
OPTIONAL DRILLS



Final drills for cortical dense bone as required.

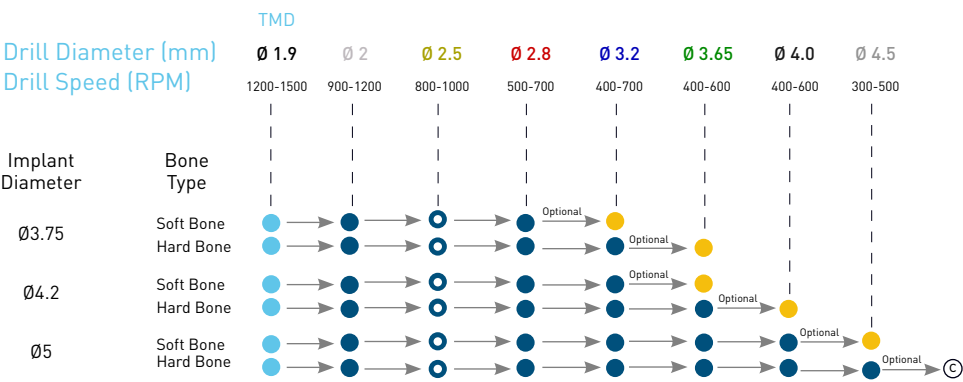
Procedure recommended by AB Dental should not replace the dentist/surgeon's judgment and experience. Final drill color (for hard bone) should correspond to Implant's Tube Cap color.

I22 SCREW TYPE IMPLANT



CAT no.	D (mm)	Platform	L (mm)	Tube top cap colors	With/Without Implant carrier
I22	3.75	Standard	8, 10, 11.5, 13, 16	●	Both
I22	4.2	Standard	8, 10, 11.5, 13, 16	●	Both
I22	5	Standard	8, 10, 11.5	○	Both

RECOMMENDED DRILL PROTOCOL FOR STRAIGHT OR STEP DRILLS

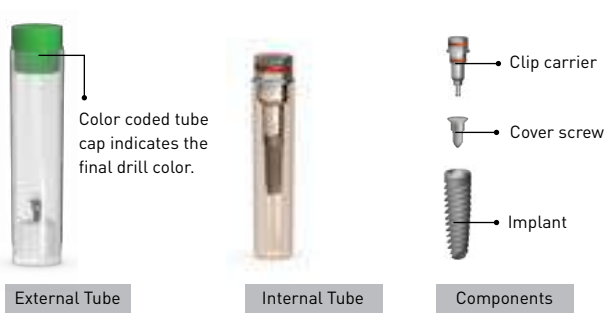


- Mark drill site
- Drill throughout entire implant's length
- Optional – In case TDS step drill is used
- Drill through cortical plate in case needed
- ⊙ Drill through cortical plate with Counter Sink drill in case needed

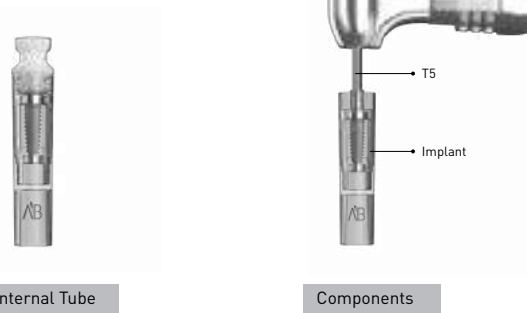
PACKAGE CONTENT

AB Dental Implants can be provided in a package with or without an implant carrier.

WITH CARRIER



WITHOUT CARRIER



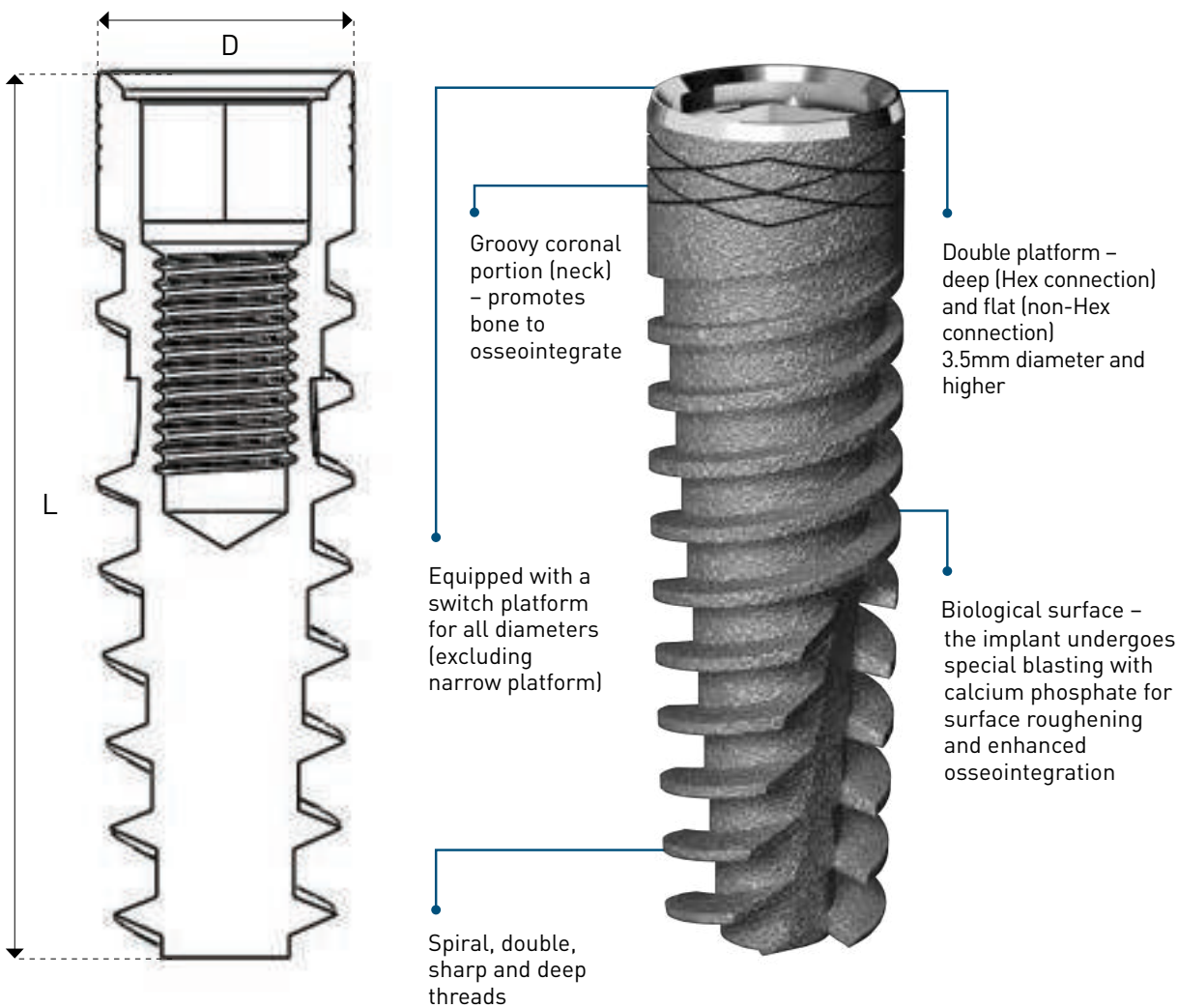
OPTIONAL DRILLS



Final drills for cortical dense bone as required.

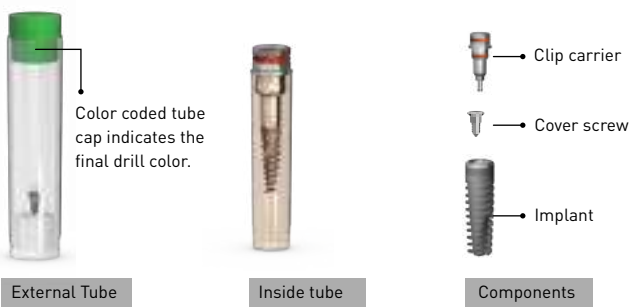
Procedure recommended by AB Dental should not replace the dentist/surgeon's judgment and experience. Final drill color (for hard bone) should correspond to Implant's Tube Cap color.

I5 CONICAL IMPLANT

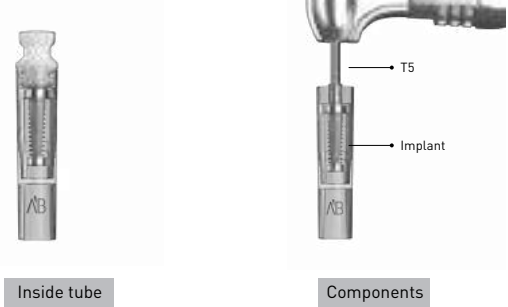


PACKAGE CONTENT AB Dental Implants can be provided in a package with or without an implant carrier.

WITH CARRIER

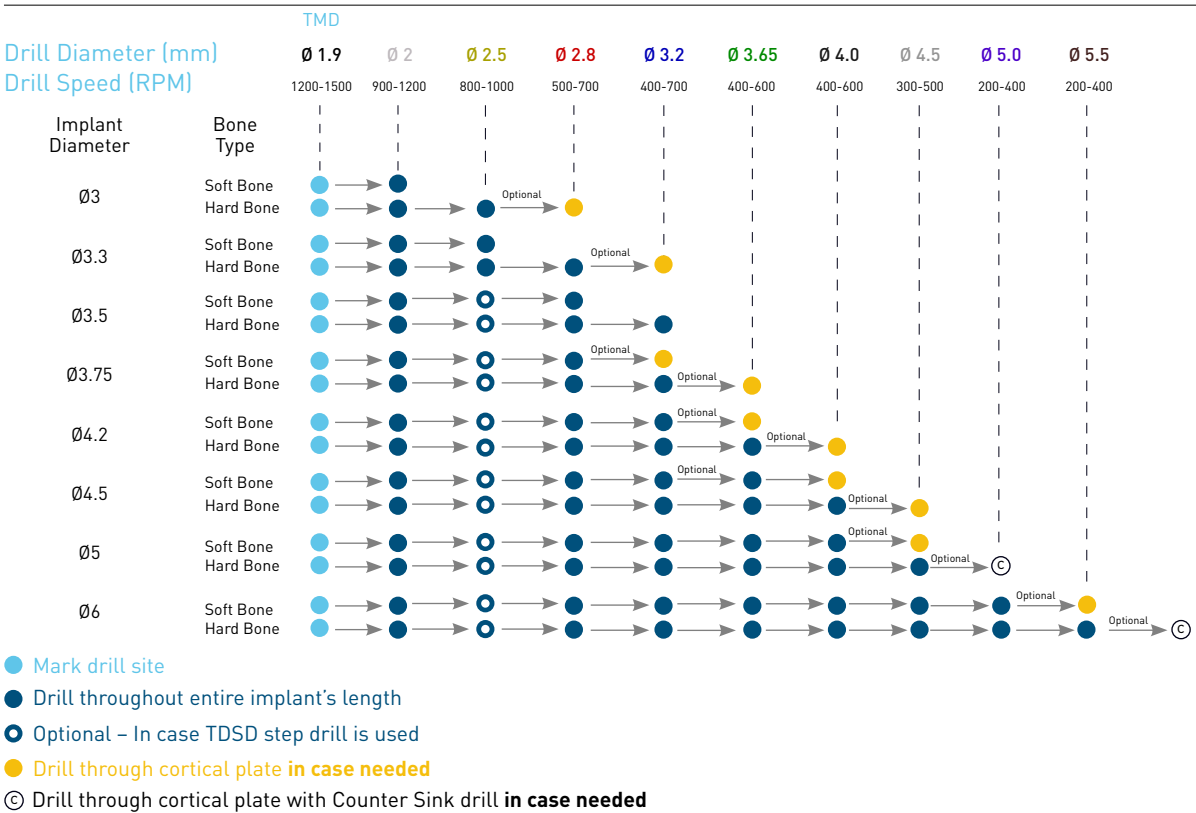


WITHOUT CARRIER

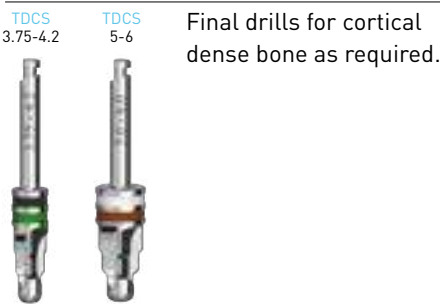


CAT no.	D (mm)	Platform	L (mm)	Tube top cap colors	With/Without Implant carrier
I5/I6BI	3	Narrow	10, 11.5, 13, 16	○	Both
I5	3.2/3.3	Narrow	10, 11.5, 13, 16	●	Both
I5	3.5	Standard	10, 11.5, 13, 16	●	Both
I5	3.75	Standard	8, 10, 11.5, 13, 16	●	Both
I5	4.2	Standard	8, 10, 11.5, 13, 16	●	Both
I5	4.5	Standard	6, 8, 10, 11.5, 13, 16	●	Both
I5	5	Standard	6, 8, 10, 11.5, 13, 16	○	Both
I5	6	Standard	6, 8, 10, 11.5, 13, 16	●	With

RECOMMENDED DRILL PROTOCOL FOR STRAIGHT OR STEP DRILLS

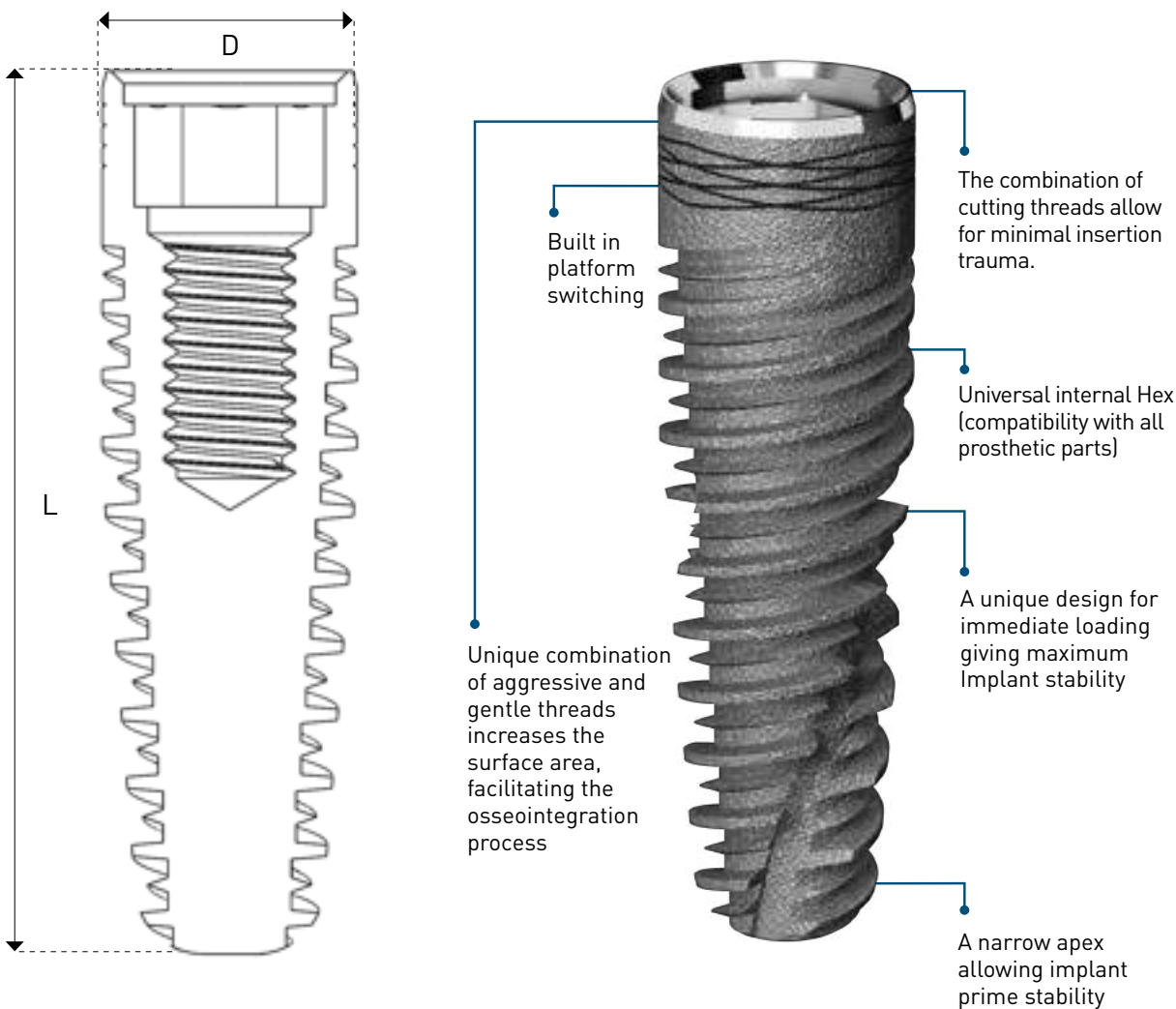


OPTIONAL DRILLS



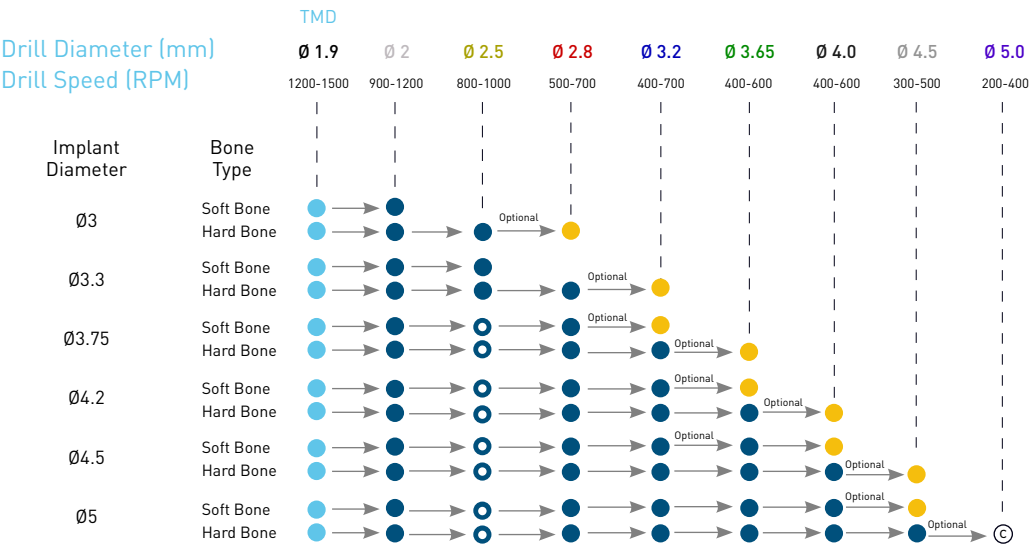
Procedure recommended by AB Dental should not replace the dentist/surgeon's judgment and experience. Final drill color (for hard bone) should correspond to Implant's Tube Cap color.

I55 CONICAL IMPLANT



CAT no.	D (mm)	Platform	L (mm)	Tube top cap colors	With/Without Implant carrier
I55	3	Narrow	10, 11.5, 13, 16	○	Both
I55	3.3	Narrow	10, 11.5, 13, 16	●	Both
I55	3.75	Standard	8, 10, 11.5, 13, 16	●	Both
I55	4.2	Standard	8, 10, 11.5, 13, 16	●	Both
I55	4.5	Standard	6, 8, 10, 11.5, 13, 16	●	Both
I55	5	Standard	6, 8, 10, 11.5, 13	○	Both

RECOMMENDED DRILL PROTOCOL FOR STRAIGHT OR STEP DRILLS

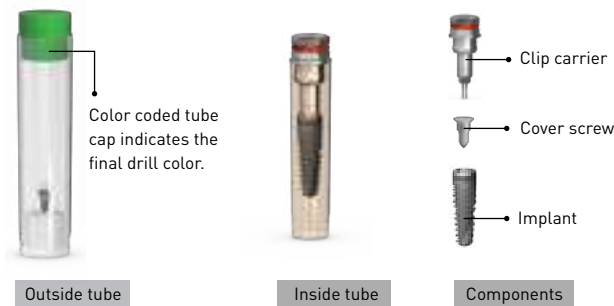


- Mark drill site
- Drill throughout entire implant's length
- Optional - In case TDS step drill is used
- Drill through cortical plate in case needed
- © Drill through cortical plate with Counter Sink drill in case needed

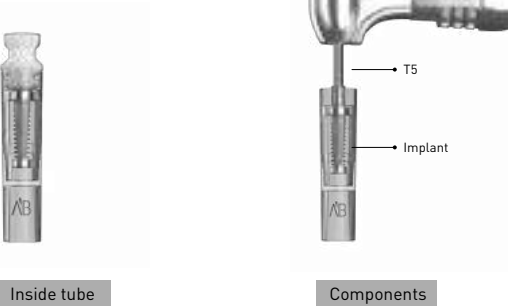
PACKAGE CONTENT

AB Dental Implants can be provided in a package with or without an implant carrier.

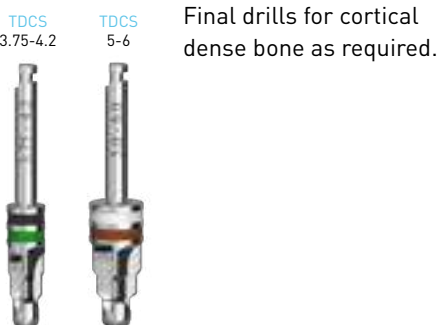
WITH CARRIER



WITHOUT CARRIER

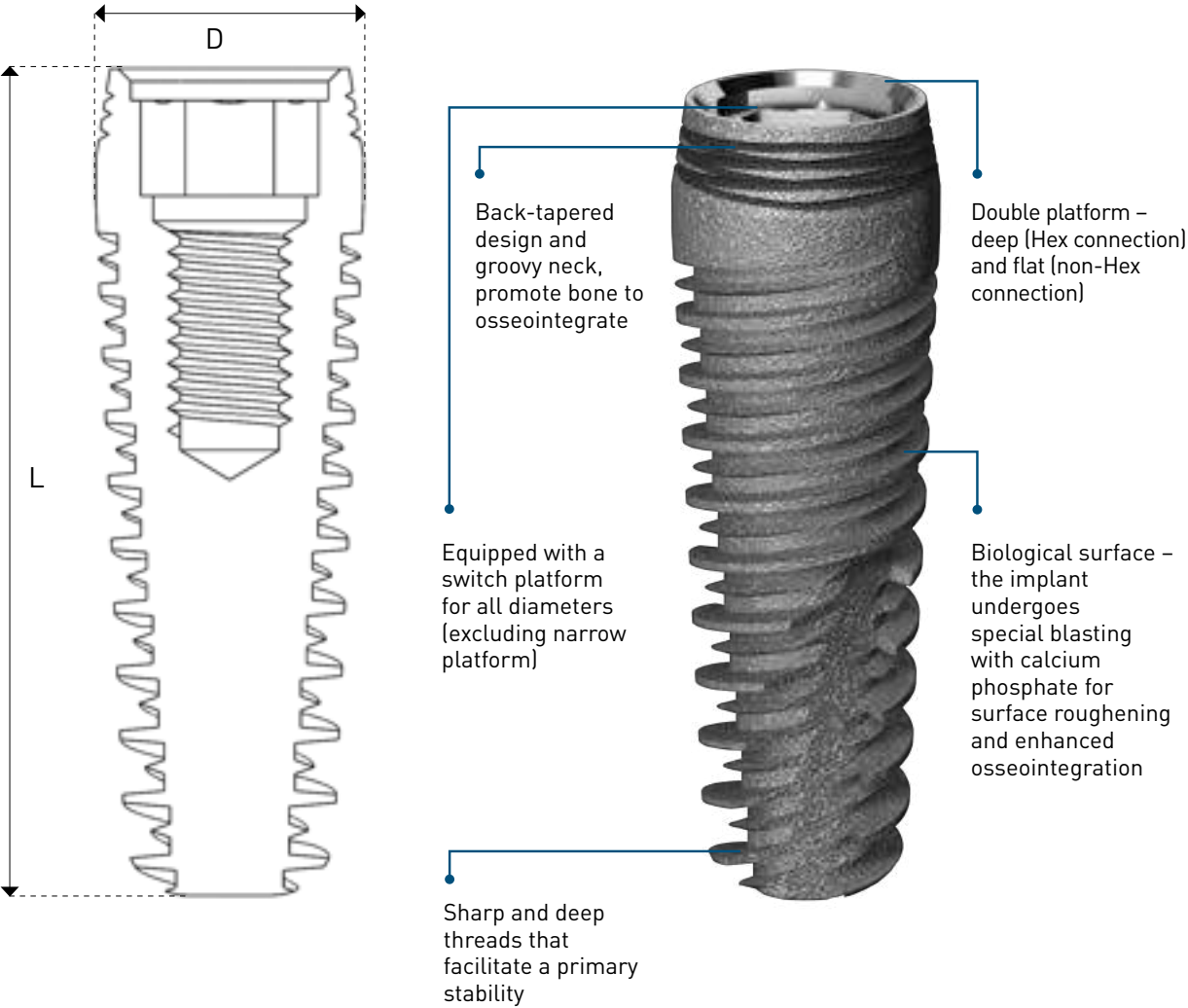


OPTIONAL DRILLS



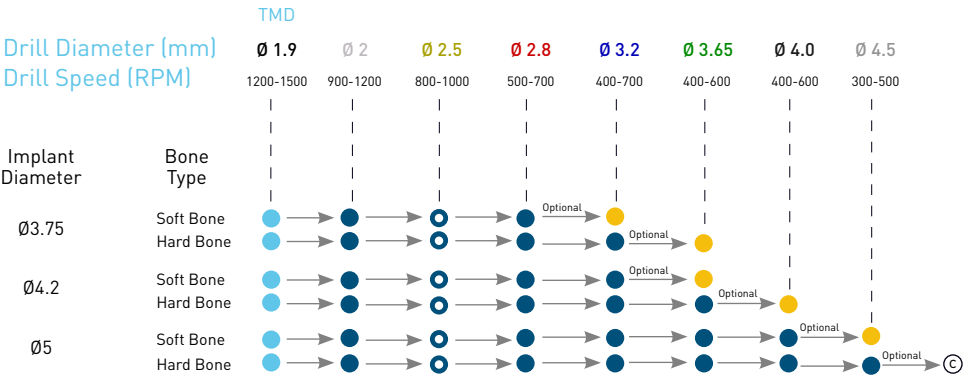
Procedure recommended by AB Dental should not replace the dentist/surgeon's judgment and experience. Final drill color (for hard bone) should correspond to Implant's Tube Cap color.

I110 TRAPEZE IMPLANT



CAT no.	D (mm)	Platform	L (mm)	Tube top cap colors	With/Without Implant carrier
I110	3.75	Narrow	8, 10, 11.5, 13, 16	●	Both
I110	4.2	Standard	8, 10, 11.5, 13, 16	●	Both
I110	5	Standard	8, 10, 11.5, 13	○	Both

RECOMMENDED DRILL PROTOCOL FOR STRAIGHT OR STEP DRILLS



- Mark drill site
- Drill throughout entire implant's length
- Optional - In case TDSD step drill is used
- Drill through cortical plate in case needed
- © Drill through cortical plate with Counter Sink drill in case needed

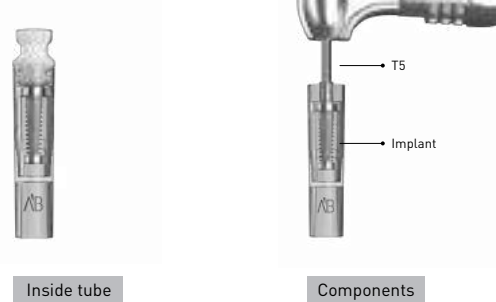
PACKAGE CONTENT

AB Dental Implants can be provided in a package with or without an implant carrier.

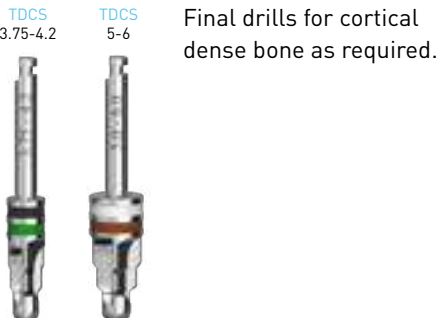
WITH CARRIER



WITHOUT CARRIER

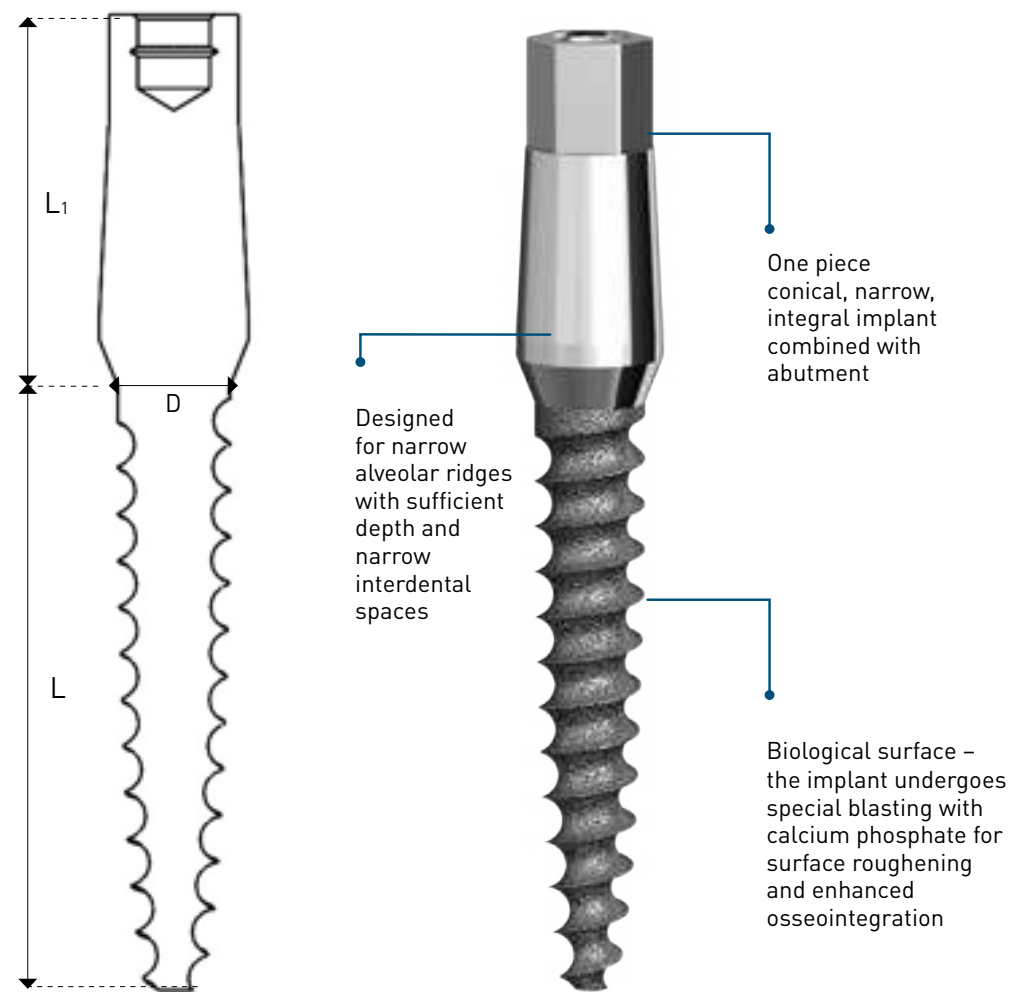


OPTIONAL DRILLS



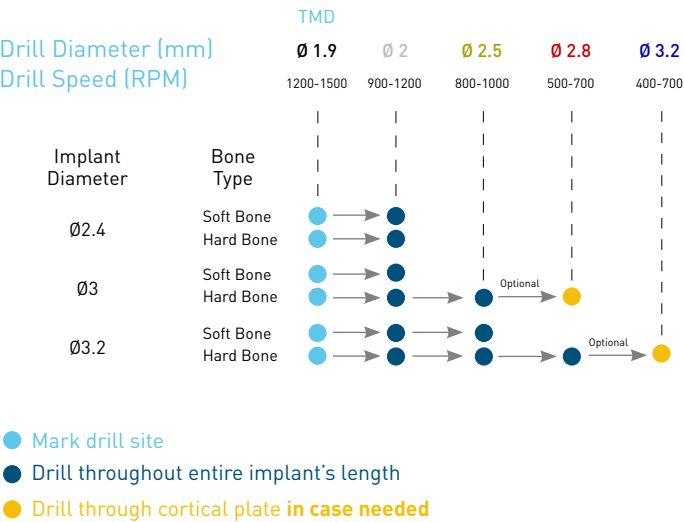
Procedure recommended by AB Dental should not replace the dentist/surgeon's judgment and experience. Final drill color (for hard bone) should correspond to Implant's Tube Cap color.

I6 NARROW INTEGRAL IMPLANT



CAT no.	D (mm)	L (mm)	L ₁ (mm)	Tube top cap colors (indicating the final drill color)
I6	2.4	11.5, 13, 16	7	○
I6	3	10, 11.5, 13, 16	7	○
I6	3.2	10, 11.5, 13, 16	7	●

RECOMMENDED DRILL PROTOCOL FOR STRAIGHT OR STEP DRILLS



PACKAGE CONTENT

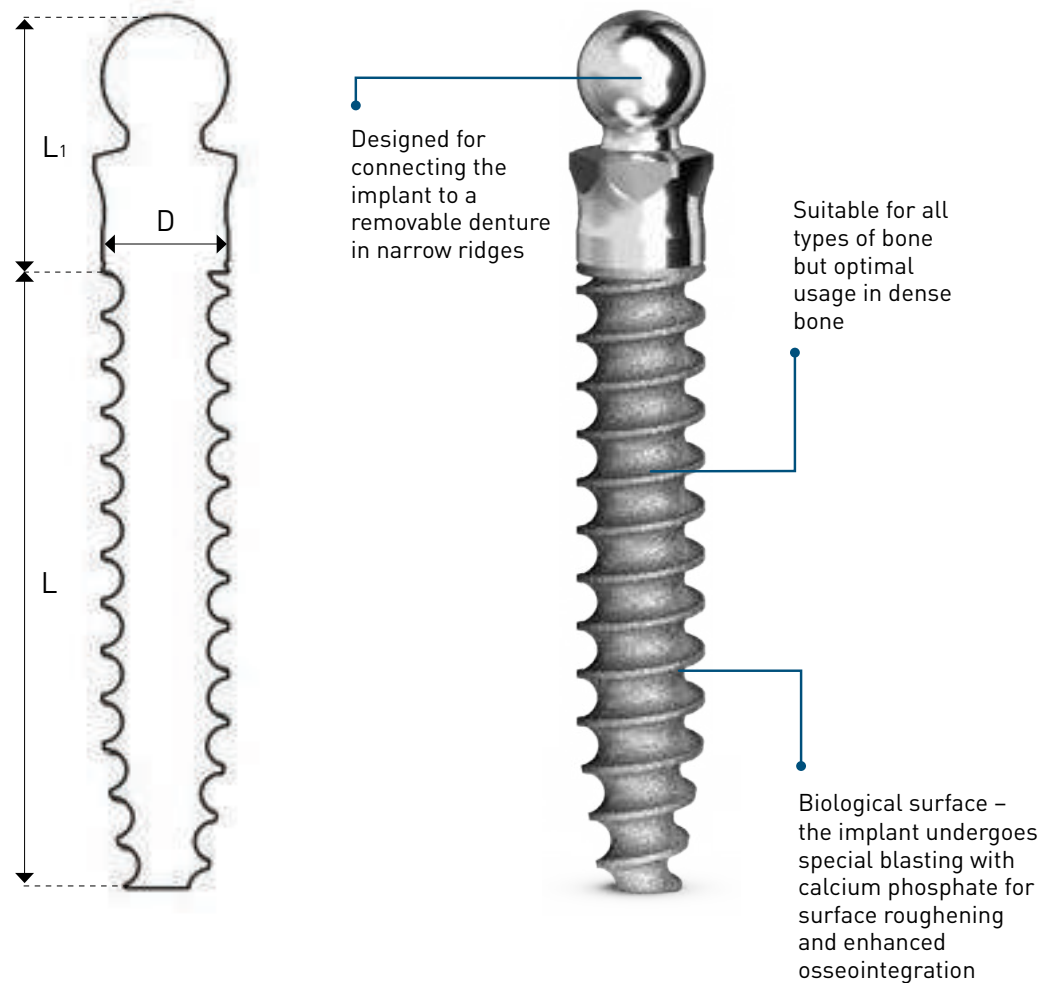


OPTIONAL DRILLS



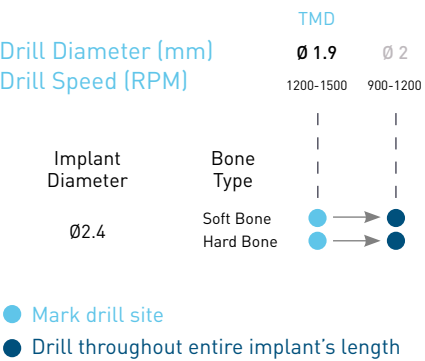
Procedure recommended by AB Dental should not replace the dentist/surgeon's judgment and experience. Final drill color (for hard bone) should correspond to Implant's Tube Cap color.

I6b ONE PIECE BALL ATTACHMENT IMPLANT



CAT no.	D (mm)	L (mm)	L ₁ (mm)	Tube top cap colors (indicating the final drill color)
I6b	2.4	11.5, 13, 16	6	○

RECOMMENDED DRILL PROTOCOL FOR STRAIGHT OR STEP DRILLS



PACKAGE CONTENT

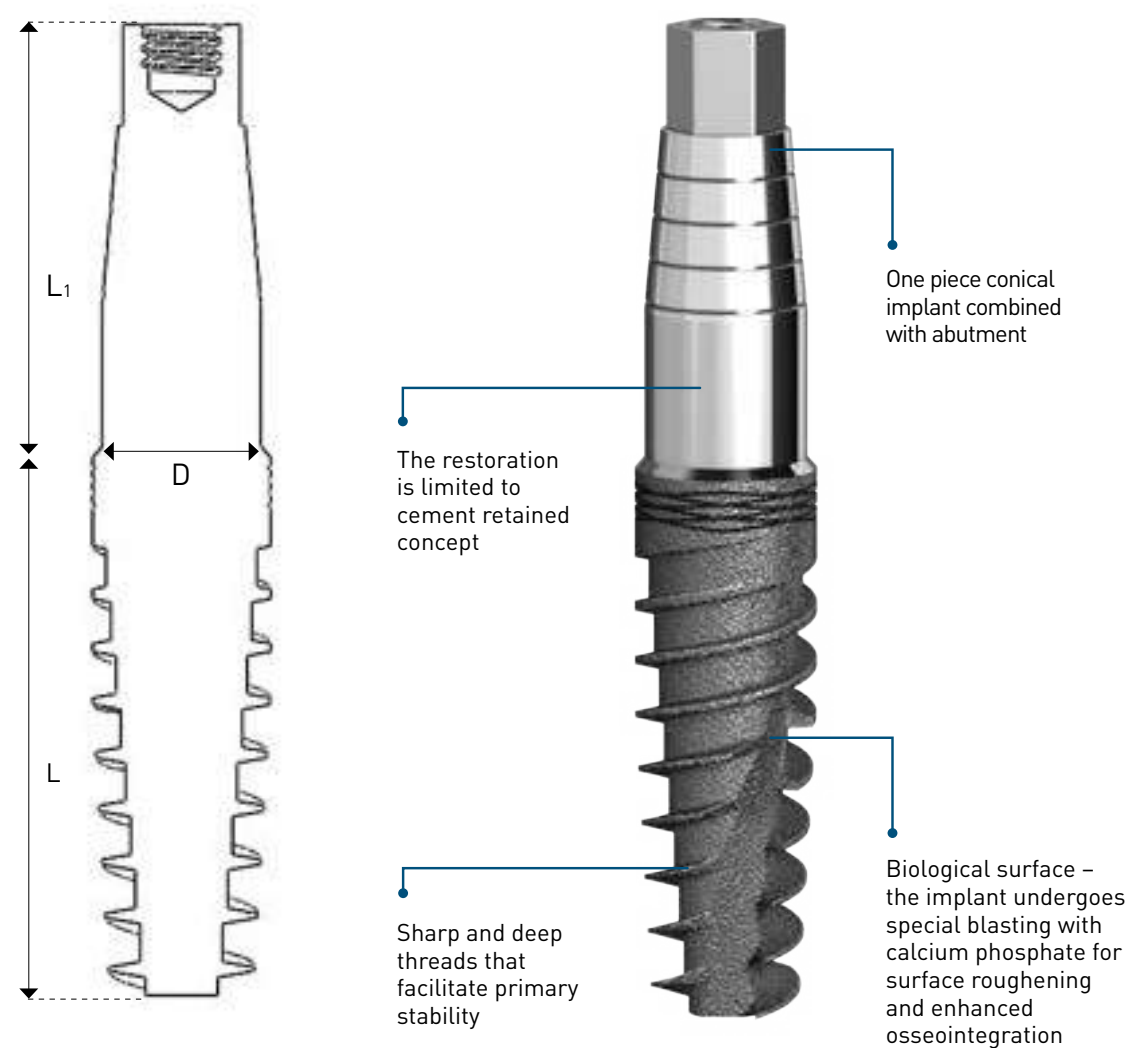


OPTIONAL DRILLS



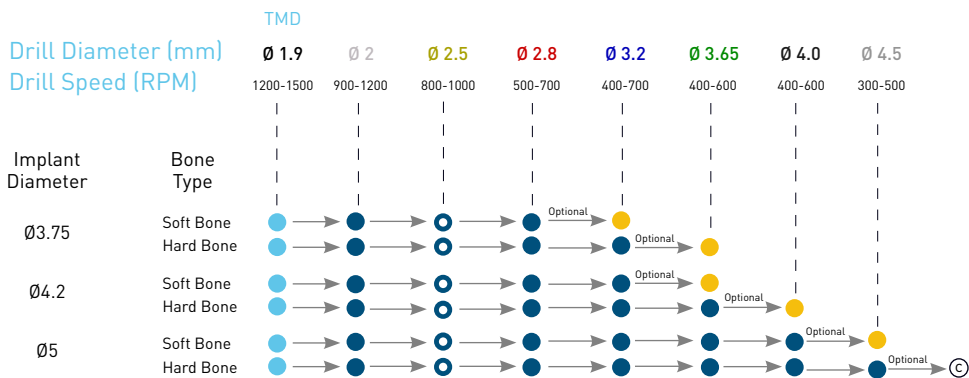
Procedure recommended by AB Dental should not replace the dentist/surgeon's judgment and experience. Final drill color (for hard bone) should correspond to Implant's Tube Cap color.

I7 INTEGRAL IMPLANT



CAT no.	D (mm)	L (mm)	L ₁ (mm)	Tube top cap colors (indicating the final drill color)
17	3.75	8, 10, 11.5, 13, 16	11	●
17	4.2	8, 10, 11.5, 13, 16	11	●
17	5	8, 10, 11.5, 13	11	○

RECOMMENDED DRILL PROTOCOL FOR STRAIGHT OR STEP DRILLS



PACKAGE CONTENT



OPTIONAL DRILLS



Final drills for cortical dense bone as required.

Procedure recommended by AB Dental should not replace the dentist/surgeon's judgment and experience. Final drill color (for hard bone) should correspond to Implant's Tube Cap color.

TOOLS



**EACH OF OUR TOOLS CAN BE PURCHASED
SEPARATELY OR AS PART OF A KIT**

16

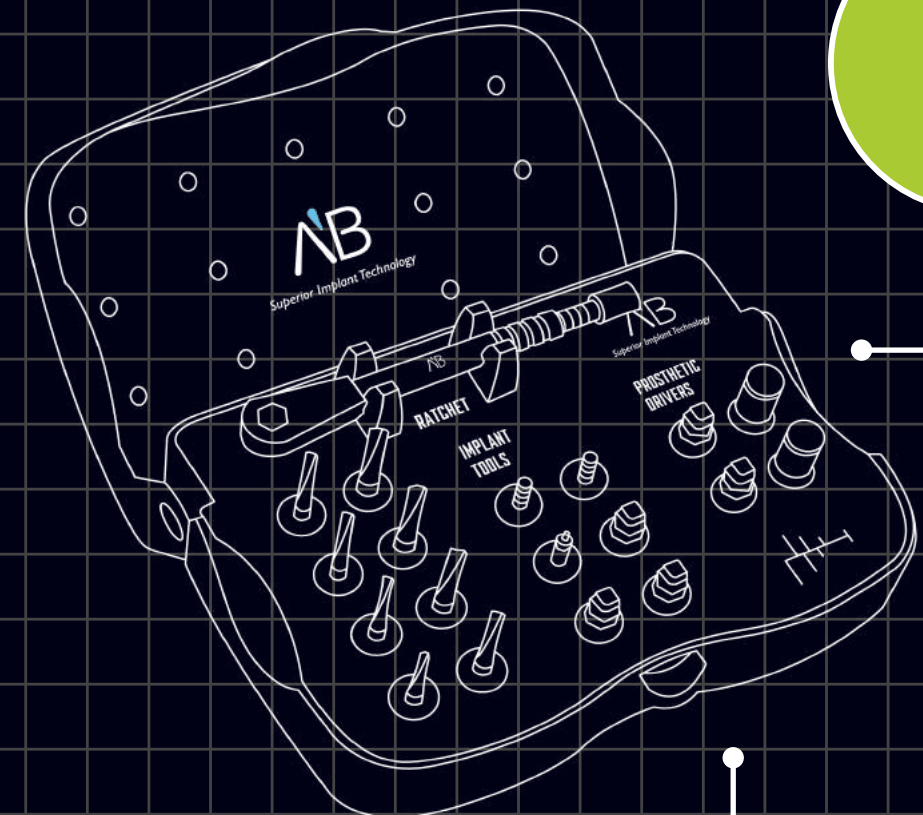
16 kinds of drivers

5

5 kinds of
surgical kits

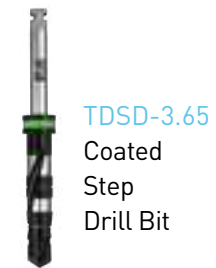
6

6 kinds of drill families
in several sizes

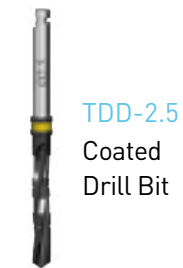


DRILLS

COATED STEP DRILLS

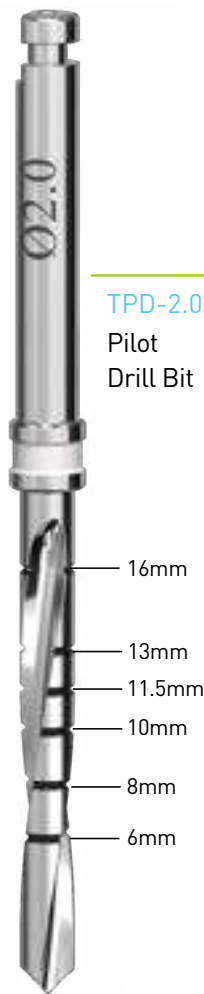


COATED DRILLS



DRILLS

STRAIGHT DRILLS



TD-2.5
Drill Bit



TD-2.8
Drill Bit



TD-3.2
Drill Bit



TD-3.65
Drill Bit



TD-4.0
Drill Bit



TD-4.5
Drill Bit



TD-5.0
Drill Bit



TD-5.5
Drill Bit

ADDITIONAL DRILLS



TD-1.2



TD-1.5



TMD-1.9
Marker Drill Bit



TDE
Drill Extension
Bit

COUNTER SINK



Ø 4.2
Ø 3.6
Ø 2.7

TDCS-3.75-4.2
Counter Sink



Ø 5.8
Ø 4.8
Ø 3.1

TDCS-5-6
Counter Sink

TREPHINE



16mm
13mm
11.5mm
10mm
8mm
6mm

TDTI-3.0
Trephine



ID Ø 4.0
OD Ø 5.0

TDTI-4.0
Trephine



ID Ø 5.0
OD Ø 6.0

TDTI-5.0
Trephine

ID - Internal Diameter OD - Outer Diameter

TOOLS

IMPLANT DRIVERS



T3-2,9 T3-2,18
Ratchet hex driver
for 3mm diameter
implant -
narrow platform

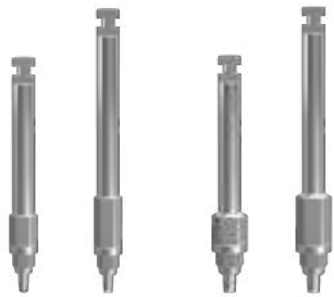


T3-2.4,9 T3-2.4,18
Ratchet hex driver
for 3.75mm diameter
implant -
standard platform



T3-I6 T3-I6L
Ratchet hex driver
for I6/I7 implant

CONTRA ANGLE DRIVERS



T5-2,20 T5-2.4,20
T5-2,25 T5-2.4,25
Contra Angle Driver for implant -
(for implants without carrier)



T5-1.2,21 T5-1.2,26
Contra Angle Driver for Abutment

ABUTMENT DRIVERS



T1-1.2,9 T1-1.2,15
Ratchet Hex Driver for Abutment



T2-1.2,9 T2-1.2,15
Hand Hex Driver for Abutment -
with friction

PROFESSIONAL IMPLANTOLOGY TOOLS



T8
Ratchet
Wrench



T8c-10-40
Ratchet-Torque
Combination



T9
Depth Gauge



T10
Handle



T11
Mallet



T13
Technician's
Handle



T15-3.75
T15-3
Disposal Screw
Removing
Instrument Kit



T16
Implant Position.
In collaboration with
Dr. Meir Aviram



T17
Tissue Punch
Driver



T18-3.75,9
T18-3.75,18
Implant Removing
Instrument Kit



T22
Abutment
Gripper



T4
Retrieving
Screw



T4-3
Retrieving Screw
for Narrow
Platform

TKS\TKS-T8C

COMPACT ORGANIZED KIT



Straight drill small Kit

Width: 10cm
Length: 14.5cm
Height: 6.5cm

Kits with Straight Drills.
TKS - Kit with Ratchet Wrench.
TKS-T8C - Kit with Ratchet-Torque.



T3-2,18
Ratchet Hex Driver for Implant



T3-2.4,9
T3-2.4,18 } Ratchet Hex
Driver for
Implant



T1-1.2,9
T1-1.2,15 } Ratchet Hex
Driver for
Abutment



T2-1.2,9
T2-1.2,15 } Hand Hex
Driver for
Abutment



T5-2.4,25
Contra Angle Implant Driver



T8
Ratchet Wrench

or



T8c-10-40
Ratchet-Torque Combination



TP-23
Parallel Pin (x2)



TMD-1.9
ø 1.9 Marker Drill Bit



TPD-2.0
ø 2.0 Pilot Drill Bit



TD-2.5
ø 2.5 Drill Bit



TD-2.8
ø 2.8 Drill Bit



TD-3.2
ø 3.2 Drill Bit



TD-3.65
ø 3.65 Drill Bit



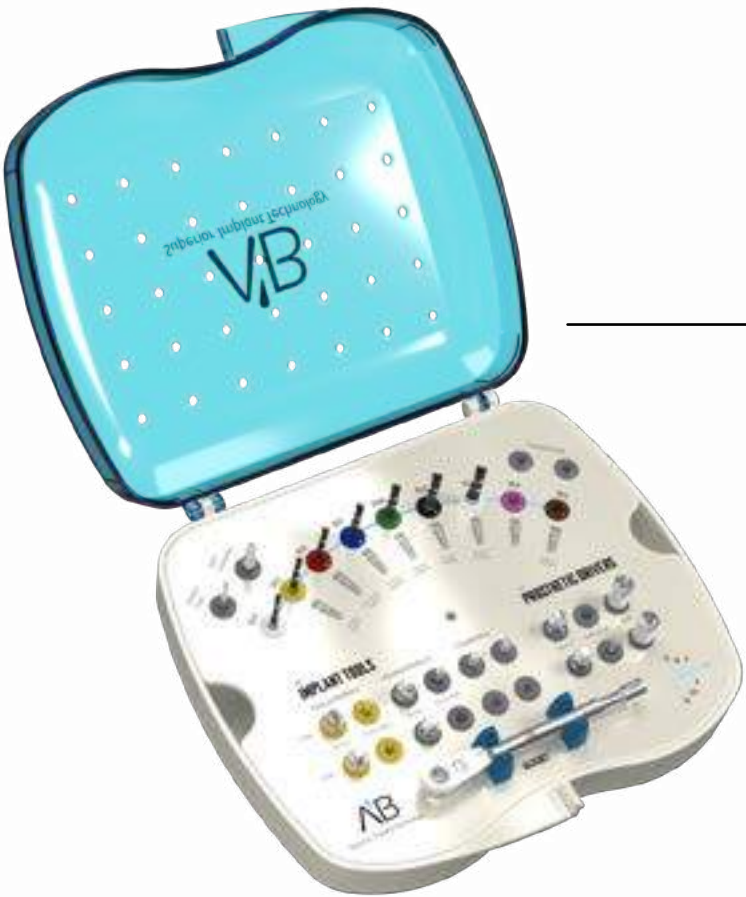
TD-4.0
ø 4.0 Drill Bit



TD-4.5
ø 4.5 Drill Bit

TKM-T8C-SD









MEDIUM ORGANIZED KIT WITH STEP DRILLS














Step drill medium Kit

Width: 17.5cm
Length: 19.5cm
Height: 6cm

DEFAULT CONTENT










	T3-2,9 T3-2,18	Ratchet Hex Driver for Narrow Platform Implant		T5-1.2,21	Contra Angle Driver for Abutment
	T3-2.4,9 T3-2.4,18		Ratchet Hex Driver for Standard Platform Implant		
	T1-1.2,9 T1-1.2,15	Ratchet Hex Driver for Abutment		T8c-10-40	Ratchet-Torque Combination
	T2-1.2,9 T2-1.2,15	Hand Hex Driver for Abutment		TP-23	Parallel Pin (x4)

DEFAULT CONTENT

	TMD-1.9 ø 1.9 Marker Drill Bit
	TPDD-2.0 ø 2.0 Pilot Drill Bit
	TDSD-2.5 ø 2.5 Step Drill Bit
	TDSD-2.8 ø 2.8 Step Drill Bit
	TDSD-3.2 ø 3.2 Step Drill Bit
	TDSD-3.65 ø 3.65 Step Drill Bit
	TDSD-4.0 ø 4.0 Step Drill Bit
	TDSD-4.5 ø 4.5 Step Drill Bit
	TDSD-5.0 ø 5.0 Step Drill Bit
	TDSD-5.5 ø 5.5 Step Drill Bit
	TDE Drilling Extension bit

OPTIONAL PRODUCTS

Max. products within the kit - 34

	TDCS-3.75-4.2 Counter Sink
	TDCS-5-6 Counter Sink
	T5-1.2,26 Contra Angle Driver for Abutment
	T5-2,20 Contra Angle Implant Driver
	T5-2.4,20 Contra Angle Implant Driver
	TP-17 Parallel Pin
	TP-23 Parallel Pin
	T9 Depth Gauge
	T10 Handle

TKM\TKM-T8C

MEDIUM ORGANIZED KIT WITH STRAIGHT DRILLS












Straight drill medium Kit










Width: 17.5cm
Length: 19.5cm
Height: 6cm

TKM - Kit with Straight Drills.
TKM-T8C-CD - Kit with Coated Drills.
TKM-T8C-SD - Kit with Coated Step Drills.

DEFAULT CONTENT












	T3-2,9 T3-2,18	Ratchet Hex Driver for Narrow Platform Implant		T5-1.2,21	Contra Angle Driver for Abutment
	T3-2.4,9 T3-2.4,18		Ratchet Hex Driver for Standard Platform Implant		
	T1-1.2,9 T1-1.2,15	Ratchet Hex Driver for Abutment		T8	Ratchet Wrench
	T2-1.2,9 T2-1.2,15	Hand Hex Driver for Abutment	or 	T8c-10-40	Ratchet-Torque Combination
				TP-23	Parallel Pin (x2)

DEFAULT CONTENT

	TMD-1.9 ø 1.9 Marker Drill Bit
	TPD-2.0 ø 2.0 Pilot Drill Bit
	TD-2.5 ø 2.5 Drill Bit
	TD-2.8 ø 2.8 Drill Bit
	TD-3.2 ø 3.2 Drill Bit
	TD-3.65 ø 3.65 Drill Bit
	TD-4.0 ø 4.0 Drill Bit
	TD-4.5 ø 4.5 Drill Bit
	TDE Drilling Extension bit

OPTIONAL PRODUCTS

Max. products within the kit - 34

	TD-5 ø 5.0 Drill Bit
	TD-5.5 ø 5.5 Drill Bit
	TDCS-3.75-4.2 Counter Sink
	TDCS-5-6 Counter Sink
	T5-1.2,26 Contra Angle Driver for Abutment
	T5-2,20 Contra Angle Implant Driver
	T5-2.4,20 Contra Angle Implant Driver
	TP-17 Parallel Pin
	TP-23 Parallel Pin
	T9 Depth Gauge
	T10 Handle

TKDC\TKDC-T8C

COATED CONICAL DRILLS WITH INTEGRAL STOPPER KIT

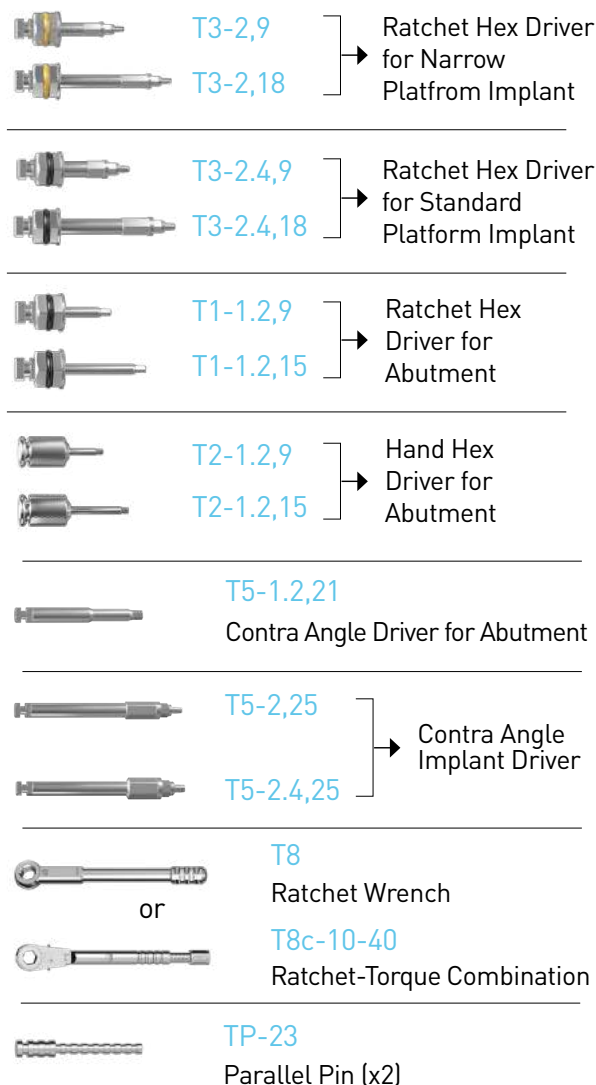


Coated Conical Drills With Integral Stopper Kit

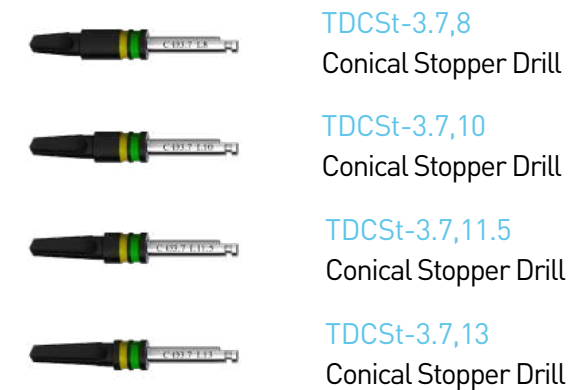
Width: 17.5cm
Length: 19.5cm
Height: 6cm

Kits with Stoppered Coated Conical Drills.
TKDC - Kit with Ratchet Wrench.
TKDC-T8C - Kit with Ratchet-Torque.

DEFAULT CONTENT

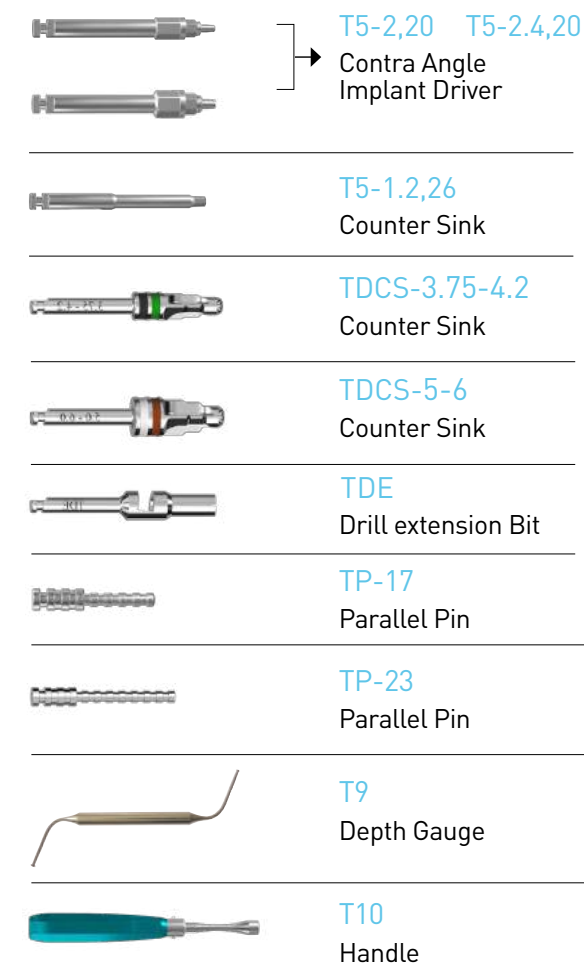


DEFAULT CONTENT



OPTIONAL PRODUCTS

Max. products within the kit - 50



OPTIONAL DRILLS

Max. drills within the kit - 25



TKD-GUIDED\TKD-GUIDED-T8C

GUIDED SURGICAL KIT





Coated Conical Drills With Integral Stopper Kit

Width: 17.5cm
Length: 19.5cm
Height: 6cm

Kit for guided surgery procedures.
TKD-GUIDED - Kit with Ratchet Wrench.
TKDC-GUIDED-T8C - Kit with Ratchet-Torque.

OPTIONAL PRODUCTS

- 

FS-13
Fixation Screw Short
- 

FS-19
Fixation Screw Long

- 


T8
Ratchet Wrench


or





T8c-10-40
Ratchet-Torque Combination


DEFAULT CONTENT

- 

TDG-1.5,19
Fixation Pin Drill Bit
- 


































TP-1.5,31
Fixation Pin (x3)
- 

TD-T17
Ø4.35 Punch to cut
gingival tissue
- 

T9
Depth Gauge
- 

T2-1.2,15
Hand Hex Driver for Abutment

DEFAULT CONTENT

- | | | | | | | | |
|---|-------------------------------|---|--|---|--------------------------------|---|--|
|  | TDG-2,17
Guide Drill Bit |  | TH- 2.0
Handle -
Diameter 2.0mm |  | TDG-3.65,17
Guide Drill Bit |  | TH- 3.65
Handle - Drill Tool
Diameter 3.65mm |
|  | TDG-2,21
Guide Drill Bit | | |  | TDG-3.65,21
Guide Drill Bit | | |
|  | TDG-2,25
Guide Drill Bit | | |  | TDG-3.65,25
Guide Drill Bit | | |
|  | TDG-2,30
Guide Drill Bit | | |  | TDG-3.65,30
Guide Drill Bit | | |
|  | TDG-2.5,17
Guide Drill Bit | | |  | T3G-2.4,30-G
Implant Driver | | |
|  | TDG-2.5,21
Guide Drill Bit |  | TH- 2.5
Handle - Drill Tool
Diameter 2.5mm |  | T3G-2.4,25-B
Implant Driver | | |
|  | TDG-2.5,25
Guide Drill Bit | | |  | T3G-2.4,21-Y
Implant Driver | | |
|  | TDG-2.5,30
Guide Drill Bit | | | | | | |
|  | TDG-2.8,17
Guide Drill Bit |  | TH- 2.8
Handle - Drill Tool
Diameter 2.8mm |  | T3G-2.4,17-R
Implant Driver | | |
|  | TDG-2.8,21
Guide Drill Bit | | |  | T3G-2,30-G
Implant Driver | | |
|  | TDG-2.8,25
Guide Drill Bit | | |  | T3G-2,25-B
Implant Driver | | |
|  | TDG-2.8,30
Guide Drill Bit | | |  | T3G-2,21-Y
Implant Driver | | |
|  | TDG-3.2,17
Guide Drill Bit |  | TH- 3.2
Handle - Drill Tool
Diameter 3.2mm |  | T3G-2,17-R
Implant Driver | | |
|  | TDG-3.2,21
Guide Drill Bit | | | | | | |
|  | TDG-3.2,25
Guide Drill Bit | | | | | | |
|  | TDG-3.2,30
Guide Drill Bit | | | | | | |

T3G-2.4
Driver for installing
the implant through
ABGuide
Standard Platform

T3G-2
Driver for installing
the implant through
ABGuide
Narrow Platform

PROSTHETIC PARTS



60

60 prosthetic solutions for tilted implants

10S

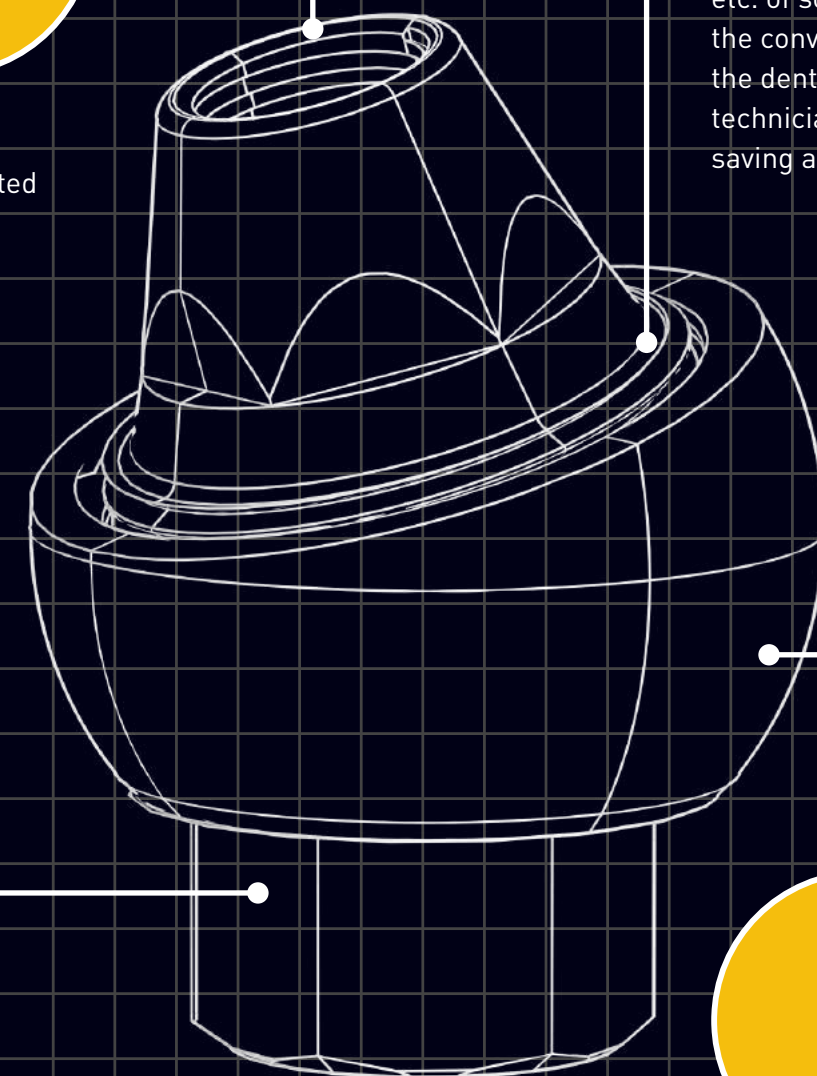
10S of sizes, diameters, degrees etc. of solutions for the convenience of the dentist and the technician's time saving and efficiency

3

3 kinds of restoration methods (cement-retained, screw-retained and overdenture)

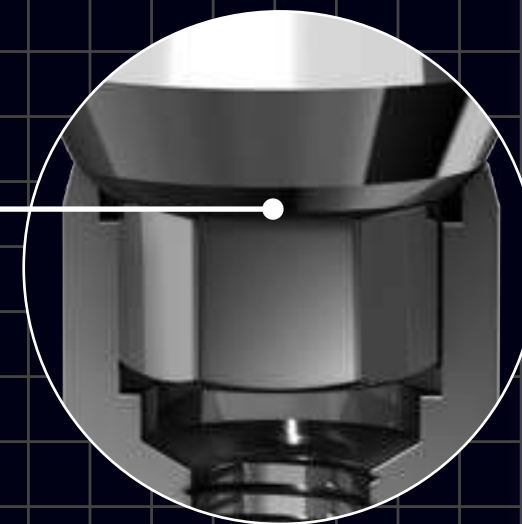
8

8 international registered patents in the prosthodontics field



STANDARD PLATFORM

3.75 mm diameter
Internal Hex
Connection:
90° cone
2.43mm Hexagon













STANDARD PLATFORM

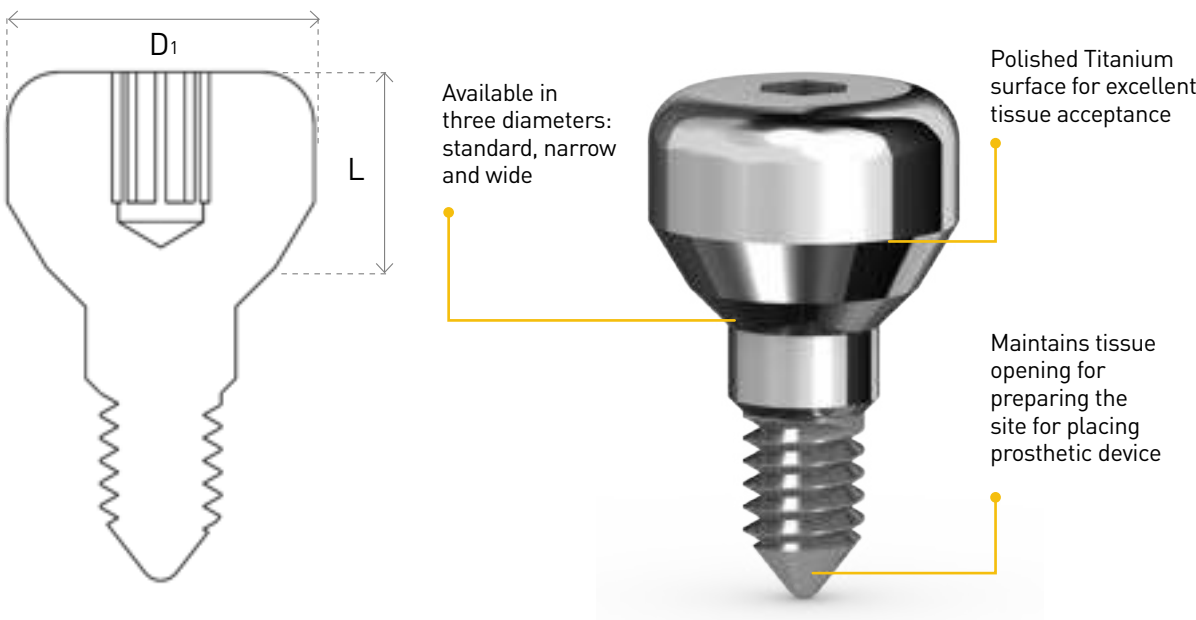
The order and presentation of these products is based on impressions taken from the implant.
There is also an option to take an impression after connecting the abutment to the implant.

	Healing caps		Transfers / Scan Bodies / Analogs		Abutments
			Impressions	CAD/CAM	Temporary
Cement-Retained Restoration			 D1-3.75 Page 70	 D1-5 Page 70	 P3L-3.75,SC Page 84
			 D1-6 Page 70	 P3S-PEEK Page 72	 P4S-PEEK Page 73
Screw-retained Restoration	 P0-3.75 Page 66		 D2 Page 67	 D20 Page 67	
	 P0N-3.75 Page 66	 P0-P14 Page 92	 D2N Page 67	 D2N0 Page 67	 D1-P14 Page 90
	 POW-3.75 Page 66	 P0-P64 Page 91	 D1-P14 Page 90	 D2-P14 Page 90	 P14,SC Page 96
			 D2-P12 Page 88	 D1-P64 Page 93	 D2-P64 Page 93
			 D3 Page 68	 D3N Page 68	 P64,SC Page 96
Overdenture Restoration			 D4 Page 69	 D4-P64 Page 93	 D1-P64,MA Page 96

Abutment closure torque 30Ncm.
Screw retained sleeve closure torque 25Ncm.

Abutments / Sleeves / Attachments			
Straight	Angular	Casting	CAD/CAM
 PK Page 82	 P4 Page 76	 P2N Page 79	 P3N-3.75,2,TIT Page 85
 P3 Page 74	 P4-5 Page 76	 P2NH Page 79	 P3-3.75,TI Page 85
 P3-5 Page 74	 P4N Page 76	 P2-P3S Page 80	 P3-3.75,TIT Page 85
 P3N Page 74	 P4L Page 76	 P2-P4S Page 81	 P3H-3.75,TIT Page 85
 P3W Page 74	 P4st Page 76	 P9HG Page 78	
 P3S Page 75	 P4S Page 77	 P9HR Page 78	
 P3SW Page 75	 P4SW Page 77		
 P16 Page 91	 P14 Page 90	 P14-bR Page 90	 P14-bTs Page 97
		 P14b Page 90	 P14-bRs Page 97
		 P64b Page 93	 P64-bT-C Page 97
 P64 Page 93	 P64 Page 92	 P7b-H Page 94	 P64-bTs Page 97
 P12 Page 88	 P7 Page 94	 P7b Page 94	 P64-bRs Page 97
 P5 Page 100	 P25 Page 101	 P14BASE Page 103	
		 P5-P14 Page 103	
		 P25-P14 Page 103	
		 P5-20 Page 102	

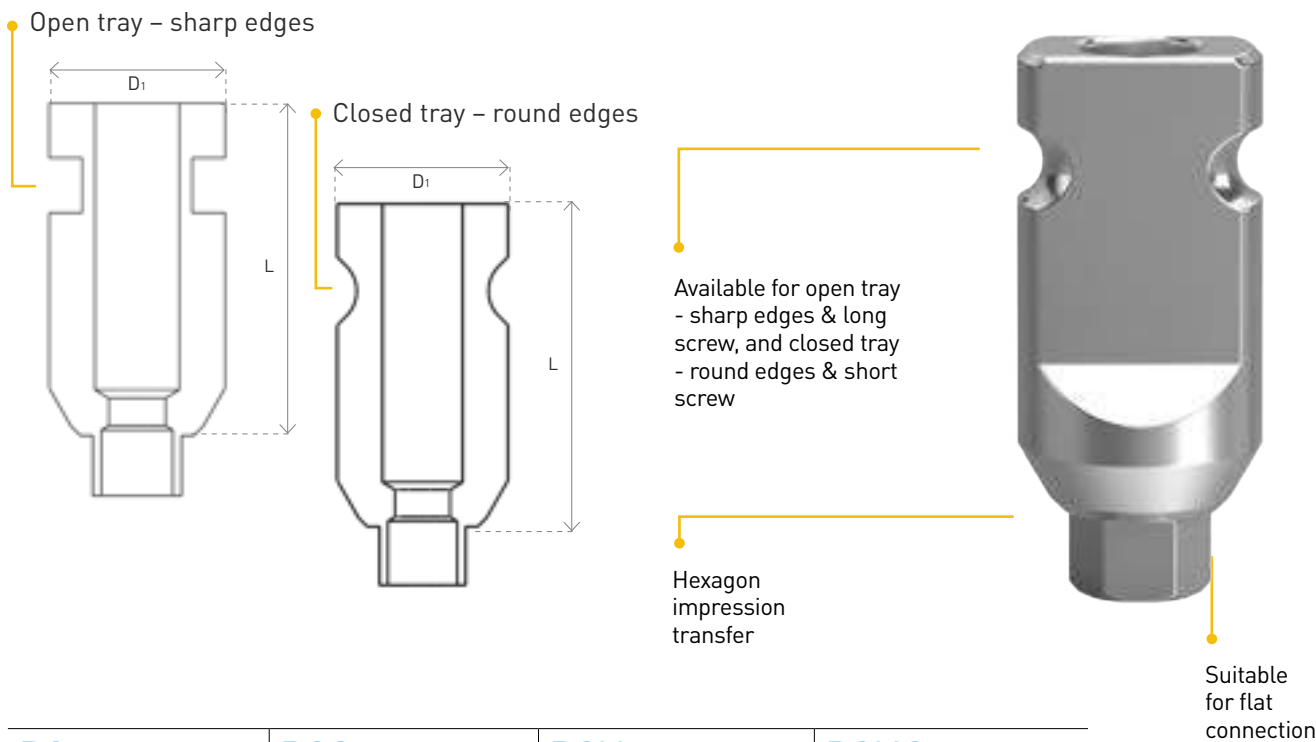
P0 TITANIUM HEALING CAP



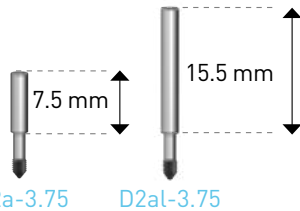
P0	P0N	P0W
Titanium Healing Cap	Narrow Titanium Healing cap	Wide Titanium Healing Cap
P0-3.75,0.5	P0N-3.75,3	P0W-3.75,2
P0-3.75,2	P0N-3.75,4	P0W-3.75,3
P0-3.75,3	P0N-3.75,5	P0W-3.75,4
P0-3.75,4	P0N-3.75,6	P0W-3.75,5
P0-3.75,5	P0N-3.75,7	P0W-3.75,6
P0-3.75,6		
P0-3.75,7		
D1 (mm) = 4.7 L (mm) = 0.5, 2, 3, 4, 5, 6, 7	D1 (mm) = 3.5 L (mm) = 3, 4, 5, 6, 7	D1 (mm) = 6 L (mm) = 2, 3, 4, 5, 6



D2 IMPRESSION TRANSFER



D2	D2O	D2N	D2NO
Impression Transfer for Closed Tray	Impression Transfer for Open Tray	Narrow Impression Transfer for Closed Tray	Narrow Impression Transfer for Open Tray
D2-3.75,9	D2O-3.75,9	D2N-3.75,9	D2NO-3.75,15
D2-3.75,15	D2O-3.75,15		
D1 (mm) = 4.8 L (mm) = 9, 15	D1 (mm) = 4.8 L (mm) = 9, 15	D1 (mm) = 3.8 L (mm) = 9	D1 (mm) = 3.8 L (mm) = 15

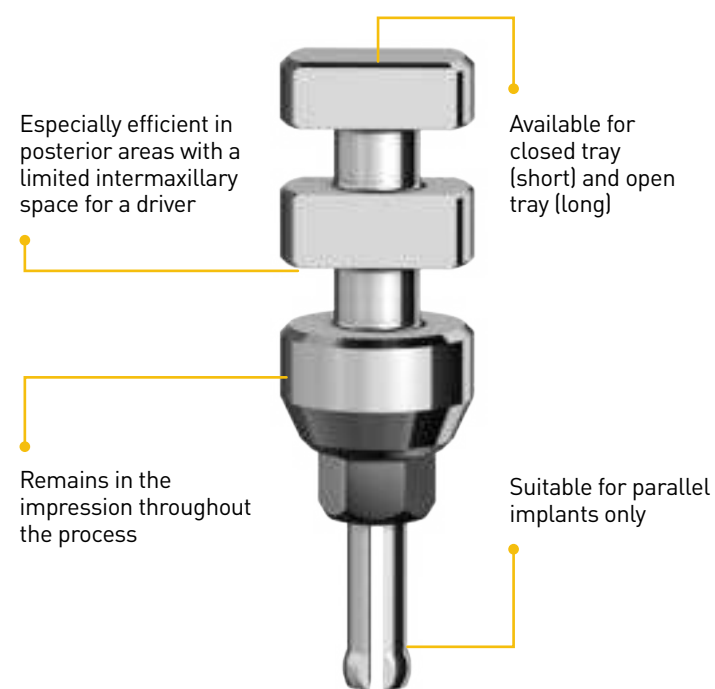
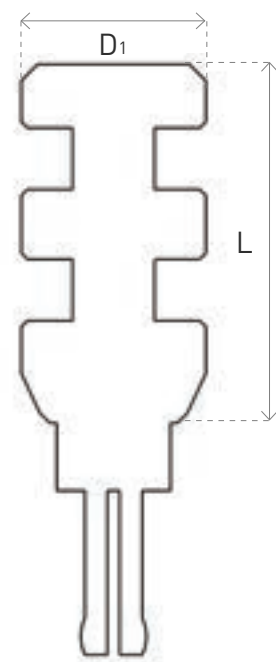


D2 transfers are available with D2a or D2al screws.
A short screw for a closed tray and a long screw for an open tray.

D2a-3.75

D2al-3.75

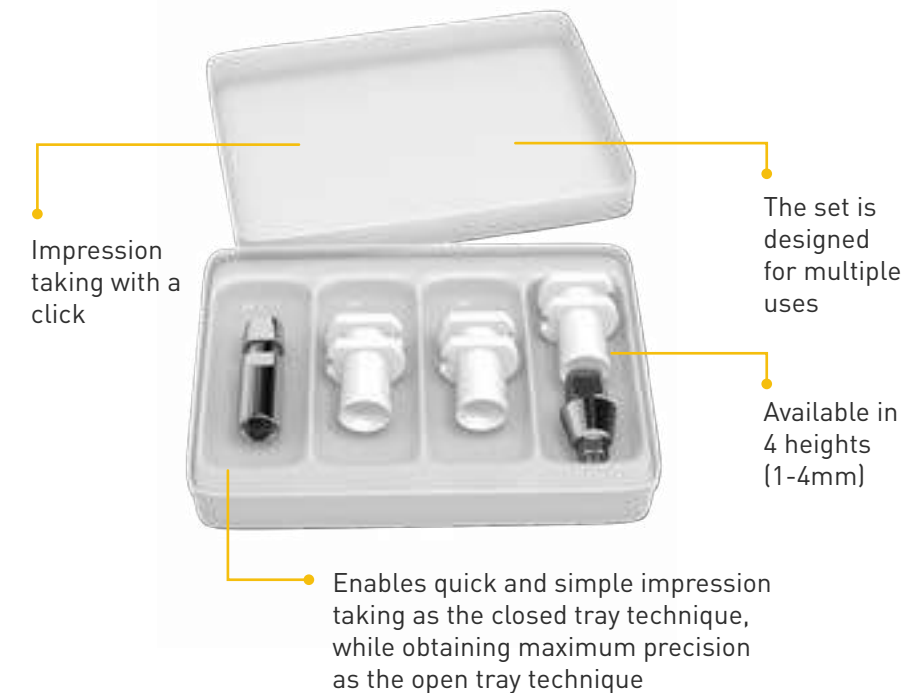
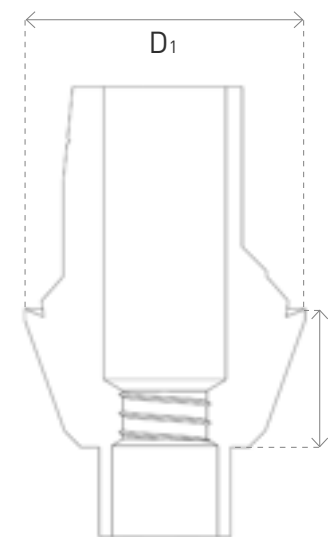
D3 CLIP TRANSFER



D3	D3N
Clip Transfer	Narrow Clip Transfer
D3-3.75,9	D3N-3.75,9
D3-3.75,15	D3N-3.75,15
D1 (mm) = 4,5 L (mm) = 9,15	D1 (mm) = 3,5 L (mm) = 9,15



D4 PLASTIC SNAP TRANSFER WITH ABUTMENT



The set contains: PK-D2 Transfer (3 units), PK-P3 Abutment, D1 Analog.

D4

Plastic Snap Transfer with Abutment

D4-3.75,1

D4-3.75,2

D4-3.75,3

D4-3.75,4

D1 (mm) = 5.17
L (mm) = 1,2,3,4



D1
Implant Analog



PK-D2
Plastic Transfer



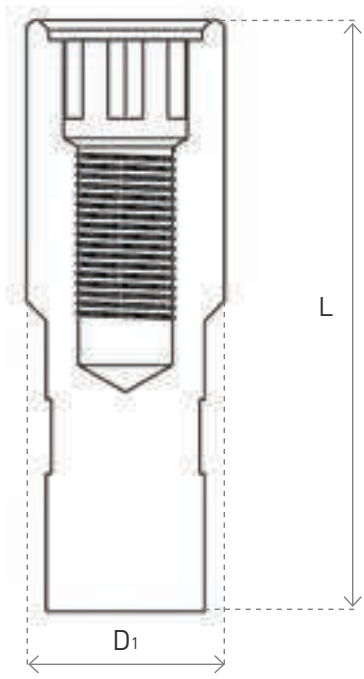
PK-P3-3.75
Anatomic Anti - Rotation Abutment

All abutments include a short screw.



P4a-S

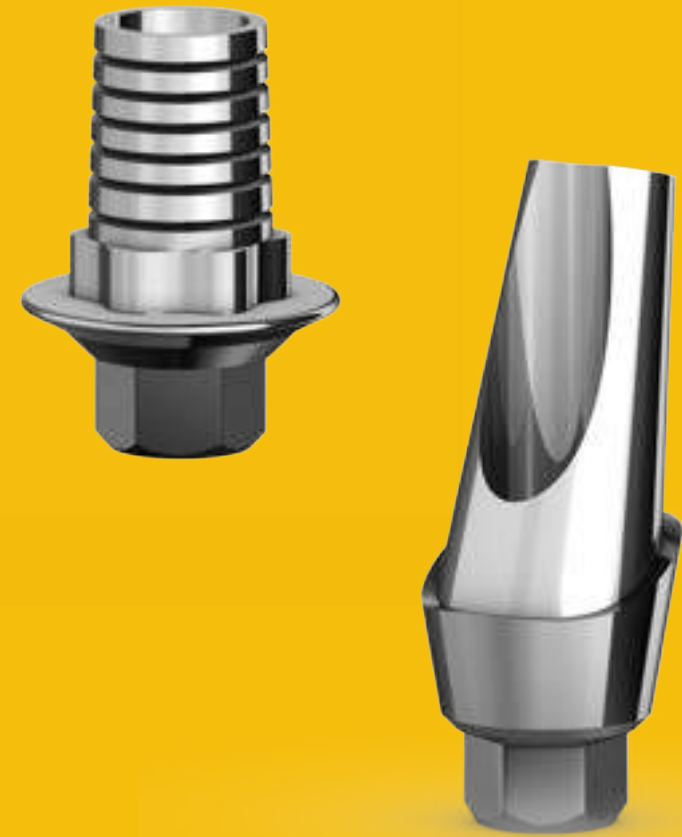
D1 ANALOG



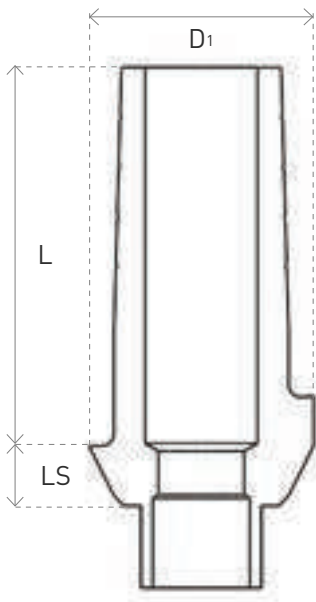
D1-3.75 Implant Analog	D1-5 Implant Analog	D1-6 Implant Analog
D1-3.75	D1-5	D1-6
D1 (mm) = 4 L (mm) = 12	D1 (mm) = 5 L (mm) = 12.3	D1 (mm) = 6 L (mm) = 12.3



CEMENT-RETAINED RESTORATION STANDARD PLATFORM



P3S-PEEK TEMPORARY ANATOMIC ANTI-ROTATION ABUTMENT



High performance, biocompatible thermoplastic polymer, designed for medical device applications

Platform switching by design, allowing perfect environment for soft-tissue growth and helps to prevent bone resorption



P3S-PEEK

Temporary
Peek Anatomic
Anti-rotation
Abutment

P3S-PEEK-3.75,1

P3S-PEEK-3.75,2

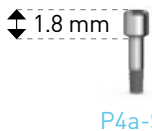
P3S-PEEK-3.75,3

D1 (mm) = 4.7

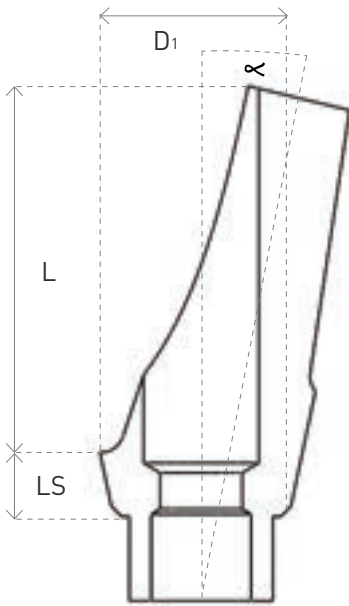
L (mm) = 7.5

LS (mm) = 1, 2, 3

All abutments include a short screw.



P4S-PEEK TEMPORARY ANATOMIC ANGULAR ABUTMENT



Platform switching by design, allowing perfect environment for soft-tissue growth and helps to prevent bone resorption

Available in 15° and 25° for angular restoration



High performance, biocompatible thermoplastic polymer, designed for medical device applications

P4S-PEEK-15

Angular Anatomic
Temporary Peek

P4S-PEEK,15-1

P4S-PEEK,15-2

P4S-PEEK,15-3

D1 (mm) = 4.7

< 15°

L (mm) = 9

LS (mm) = 1, 2, 3

P4S-PEEK-25

Angular Anatomic
Temporary Peek

P4S-PEEK,25-1

P4S-PEEK,25-2

P4S-PEEK,25-3

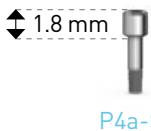
D1 (mm) = 4.7

< 25°

L (mm) = 9

LS (mm) = 1, 2, 3

All abutments include a short screw.



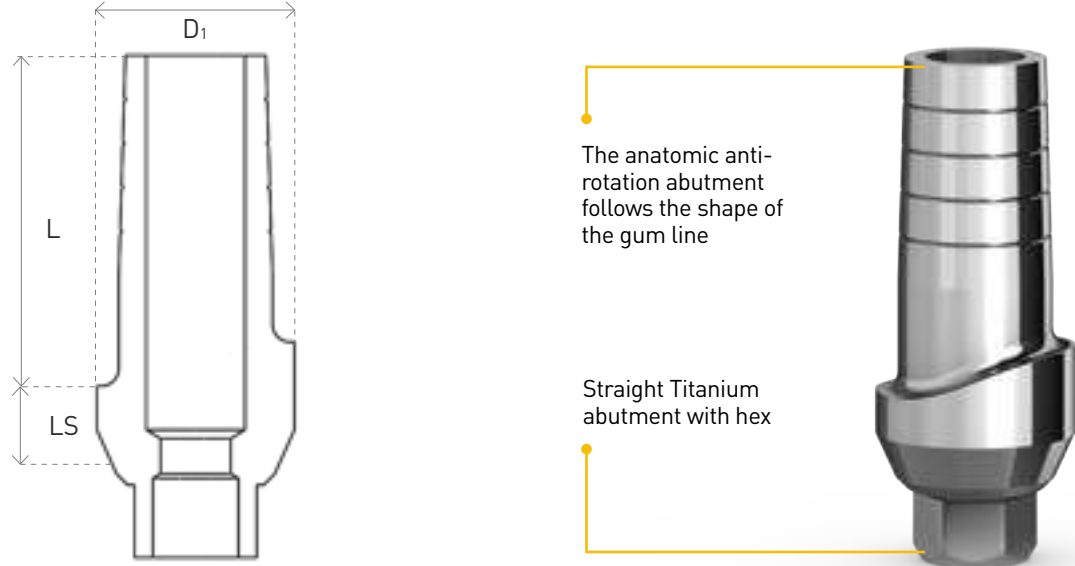
P3 ANTI-ROTATION ABUTMENT



P3-3.75	P3-5	P3N	P3W
Anti-rotation Abutment	Anti-rotation Abutment (for wide teeth)	Narrow Anti-rotation Abutment (for narrow ridges)	Wide Anti-rotation Abutment (for wide teeth)
P3-3.75,5	P3-5,5	P3N-3.75,5	P3W-3.75,9
P3-3.75,7	P3-5,7	P3N-3.75,7	P3W-3.75,12
P3-3.75,9	P3-5,9	P3N-3.75,9	
P3-3.75,11			
P3-3.75,12			
P3-3.75,15			
D1 (mm) = 4.5 L (mm) = 5,7, 9,11,12, 15	D1 (mm) = 5.5 L (mm) = 5, 7, 9	D1 (mm) = 3.5 L (mm) = 5, 7, 9	D1 (mm) = 5.5 L (mm) = 9, 12



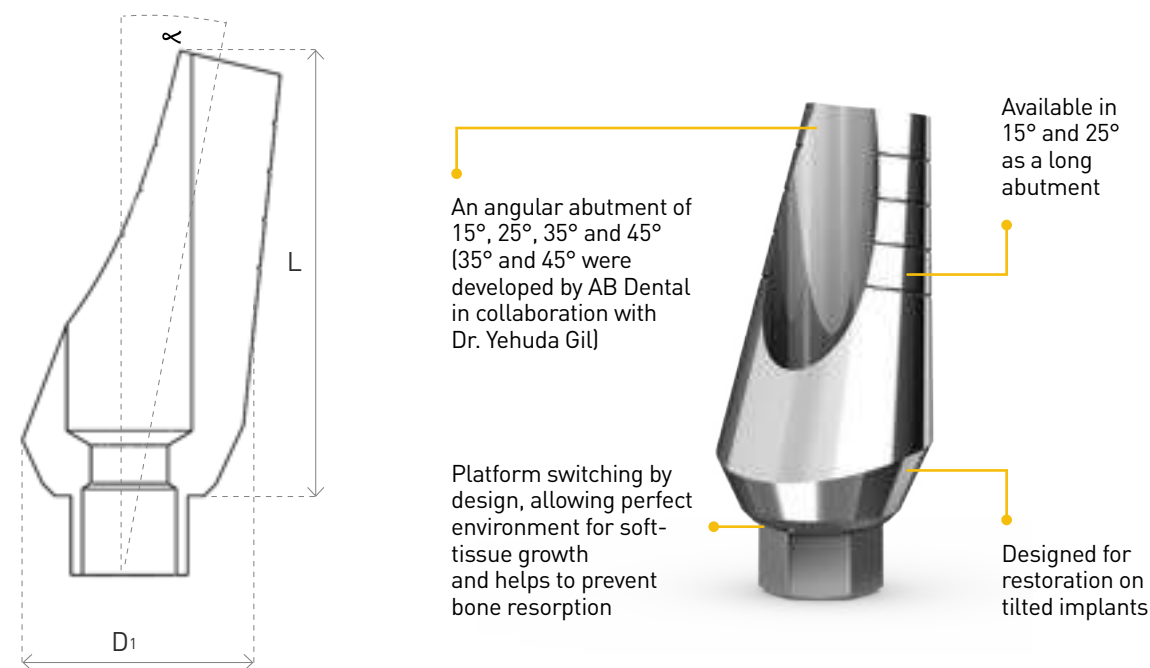
P3S ANATOMIC ANTI-ROTATION ABUTMENT



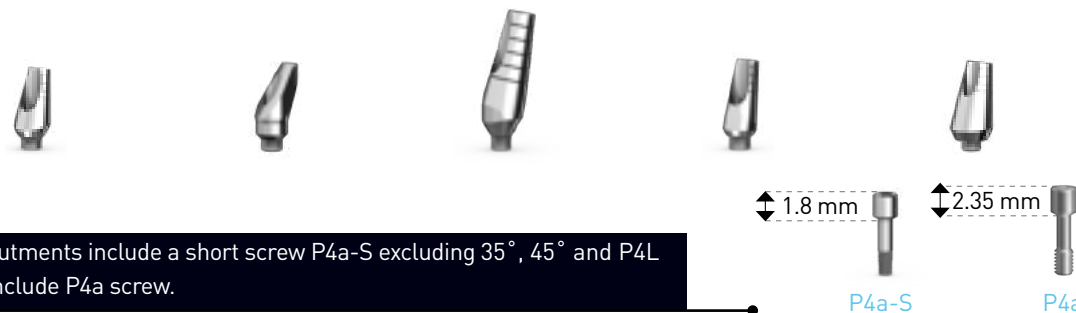
P3S	P3SW
Anatomic Anti-rotation Abutment	Wide Anatomic Anti-rotation Abutment
P3S-3.75,1	P3SW-3.75,1
P3S-3.75,2	P3SW-3.75,2
P3S-3.75,3	P3SW-3.75,3
D1 (mm) = 4.5 L (mm) = 7.5 LS (mm) = 1, 2, 3	D1 (mm) = 5.5 L (mm) = 7.5 LS (mm) = 1, 2, 3



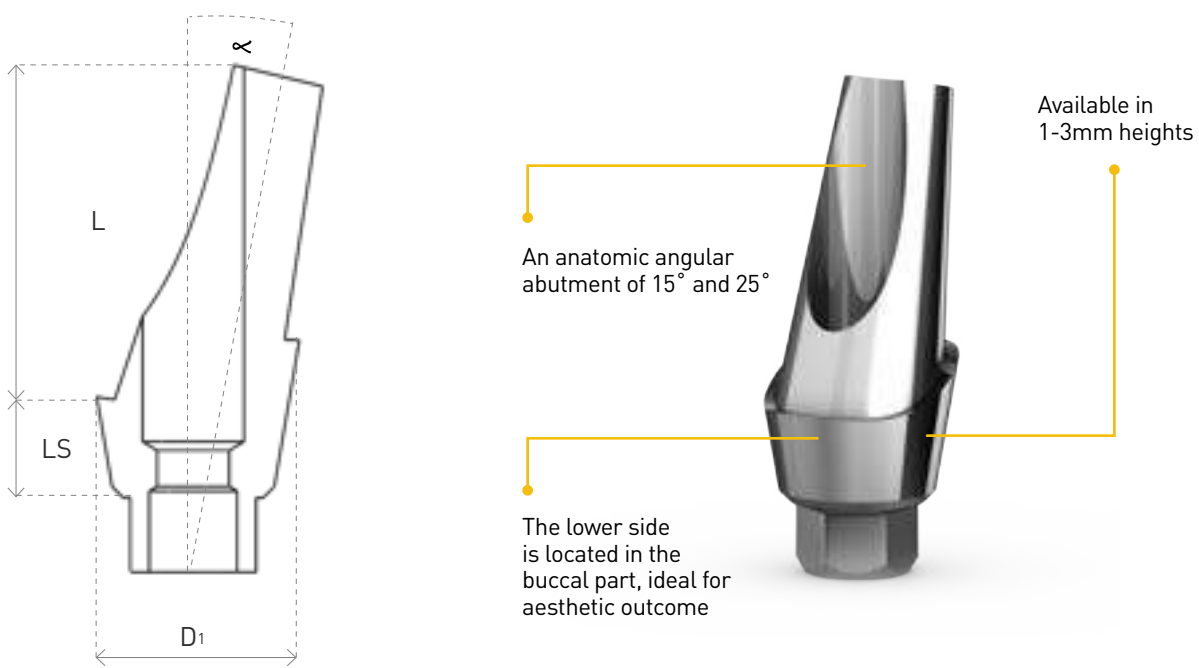
P4 ANGULAR ABUTMENT



P4	P4st	P4L	P4N	P4-5
Angular Abutment	Angular Abutment	Long Angular Abutment	Narrow Angular Abutment	Angular Abutment
P4-3.75,15	P4-3.75,15st	P4L-3.75,15	P4N-3.75,15	P4-5,15
P4-3.75,25	P4-3.75,25st	P4L-3.75,25		P4-5,25
P4-3.75,35				
P4-3.75,45				
D1 (mm) = 4.7 α 15°, 25°, 35°, 45° L (mm) 15°, 25° = 9 L (mm) 35°, 45° = 10, 12	D1 (mm) = 4.7 α 15°, 25° L (mm) = 9	D1 (mm) = 4.7 α 15°, 25° L (mm) = 13.4	D1 (mm) = 3.75 α 15° L (mm) = 9	D1 (mm) = 5 α 15° 25° L (mm) = 10.75, 11.1



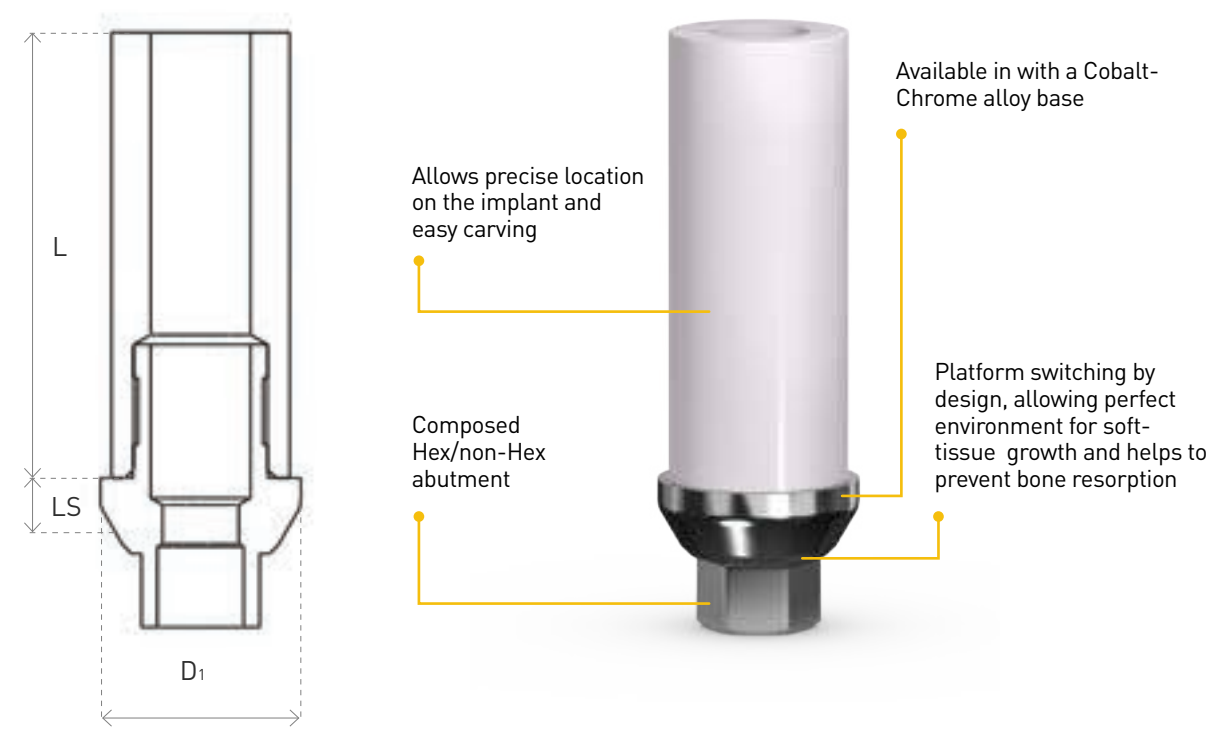
P4S ANATOMIC ANGULAR ABUTMENT



P4S-15	P4S-25	P4SW
Anatomic Angular Abutment 15° with Shoulder	Anatomic Angular Abutment 25° with Shoulder	Wide Anatomic Angular Abutment
P4S-3.75,15-1	P4S-3.75,25-1	P4SW-3.75,3
P4S-3.75,15-2	P4S-3.75,25-2	
P4S-3.75,15-3	P4S-3.75,25-3	
D1 (mm) = 4.7 α 15° L (mm) = 7 LS (mm) = 1, 2, 3	D1 (mm) = 4.7 α 25° L (mm) = 7 LS (mm) = 1, 2, 3	D1 (mm) = 5.7 α 15° L (mm) = 8 LS (mm) = 4.2



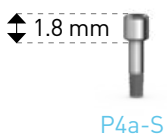
P9 COMPOSED ABUTMENT



P9HR	P9R	P9HG	P9G
Cobalt-Chrome Composed Hex Abutment (for crown)	Cobalt-Chrome Composed Abutment (for bridge)	Gold Composed Hex Abutment (for crown)	Gold Composed non-Hex Abutment (for bridge)
P9HR-3.75,11	P9R-3.75,11	P9HG-3.75,11	P9G-3.75,11
D1 (mm) = 4.5 L (mm) = 10	D1 (mm) = 4.5 L (mm) = 10 LS (mm) = 1	D1 (mm) = 4.5 L (mm) = 10 LS (mm) = 1	D1 (mm) = 4.5 L (mm) = 10 LS (mm) = 1

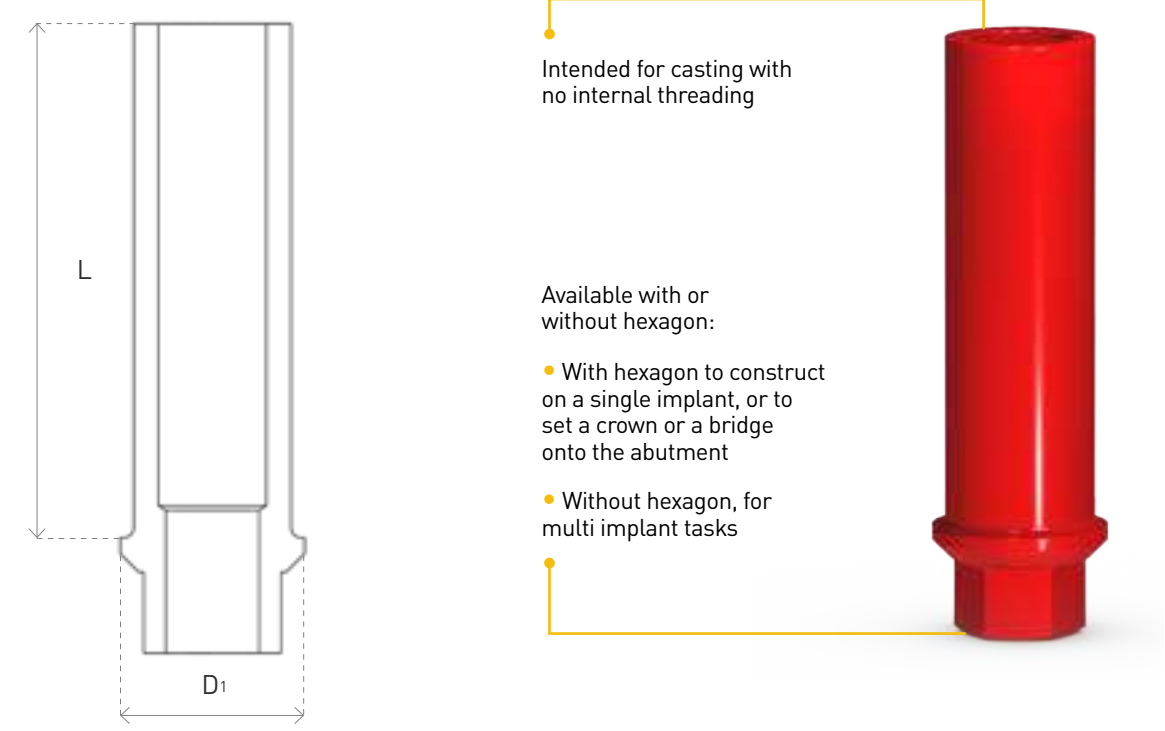


All abutments include P4a-S short screw.



P4a-S

P2 PLASTIC SLEEVE



P2NH	P2N
Plastic Sleeve w/fixation Screw - Straight w/hex (for crown)	Plastic Sleeve w/fixation Screw - Rounded (for bridge)
P2NH-3.75,15	P2N-3.75,15
D1 (mm) = 3.75 L (mm) = 10	D1 (mm) = 3.75 L (mm) = 10

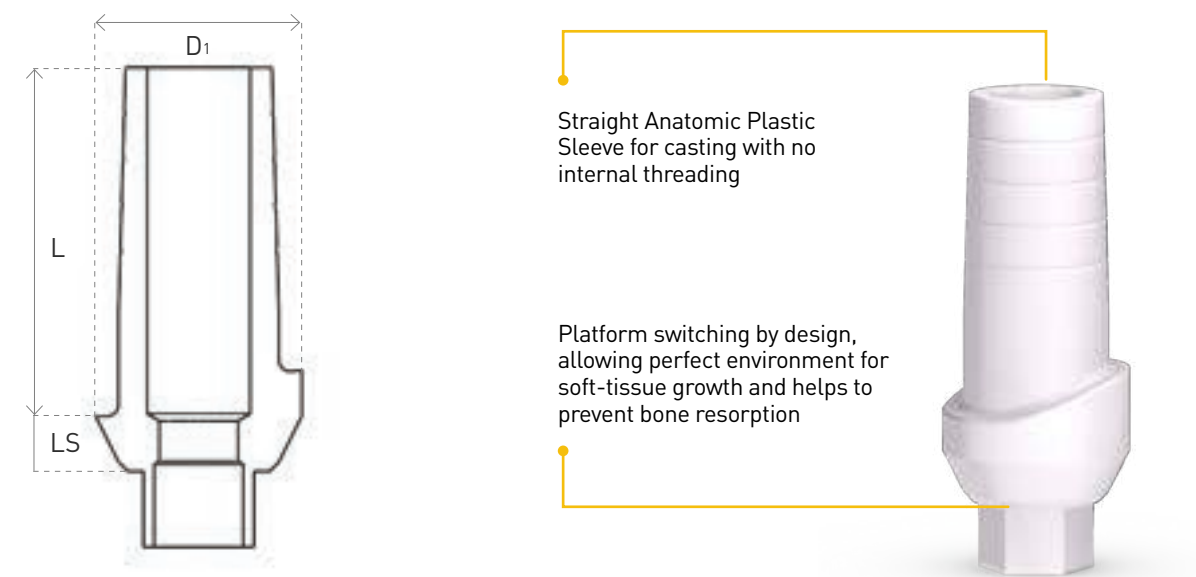


All abutments include a short screw.



P4a-S

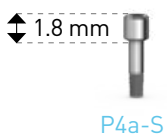
P2-P3S STRAIGHT ANATOMIC PLASTIC SLEEVE



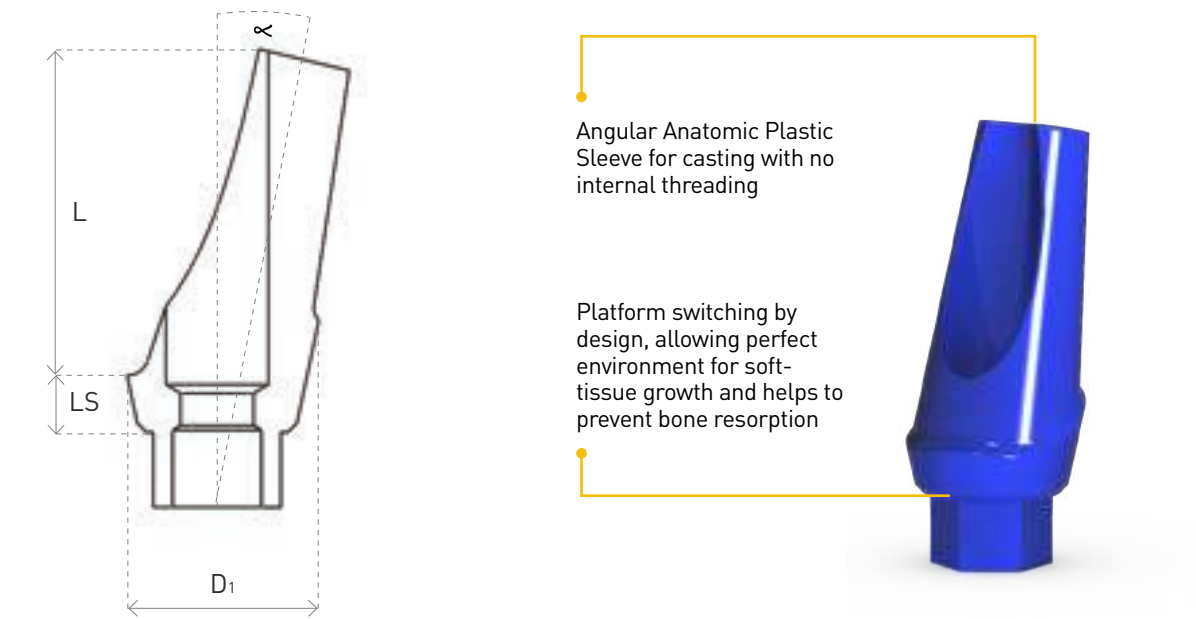
P2-P3S
Straight Anatomic Plastic Sleeve
P2-P3S-3.75,1
P2-P3S-3.75,2
P2-P3S-3.75,3
D1 (mm) = 4.7
L (mm) = 7.5
LS (mm) = 1, 2, 3



All abutments include a short screw.



P2-P4S ANGULAR ANATOMIC PLASTIC SLEEVE




P2-P4S-15	P2-P4S-25
Angular Anatomic Plastic Sleeve	Angular Anatomic Plastic Sleeve
P2-P4S-3.75,15-1	P2-P4S-3.75,25-1
P2-P4S-3.75,15-2	P2-P4S-3.75,25-2
P2-P4S-3.75,15-3	P2-P4S-3.75,25-3
D1 (mm) = 4.7	D1 (mm) = 4.7
∠ 15°	∠ 25°
L (mm) = 7	L (mm) = 7
LS (mm) = 1, 2, 3	LS (mm) = 1, 2, 3



All abutments include a short screw.



PK PROSTHETIC KIT



- Perfect solution for impression and transfer techniques, both for a single crown and bridge restoration
- Enables to take closed-tray impression with the benefits of an open-tray
- Makes the restoration process as simple as possible; eliminating any necessary adjustments and providing a complete set of tools. No need for additional parts
- Available in 4 different heights (1-4) in both platforms: standard - 3.75mm

The kit is available in a pack of ten.

PK-3.75

Prosthetic Kit

PK-3.75,1

PK-3.75,2

PK-3.75,3

PK-3.75,4

D1 (mm) = 5.17

L (mm) = 1,2,3,4



PK-D1
Implant Analog



PK-P2
Plastic Conical Sleeve (for crown)



PK-D2
Plastic Transfer



PK-P2H
Plastic Conical Sleeve (for bridge)



PK-P0
Healing Cap



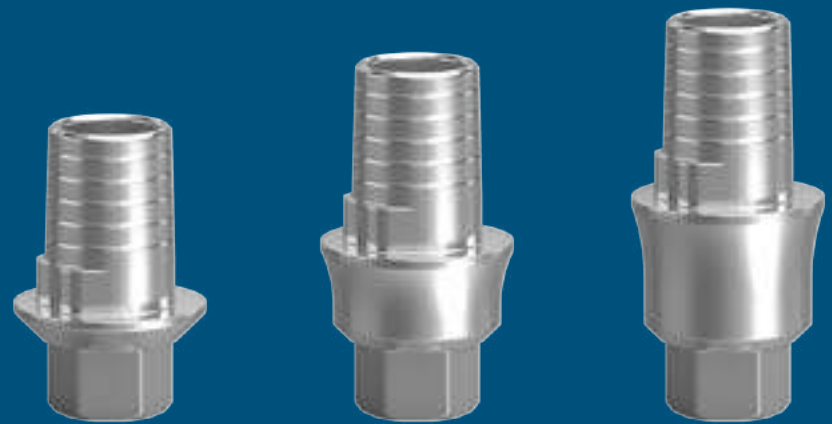
PK-P3-3.75
Anatomic Anti - Rotation Abutment

1.8 mm

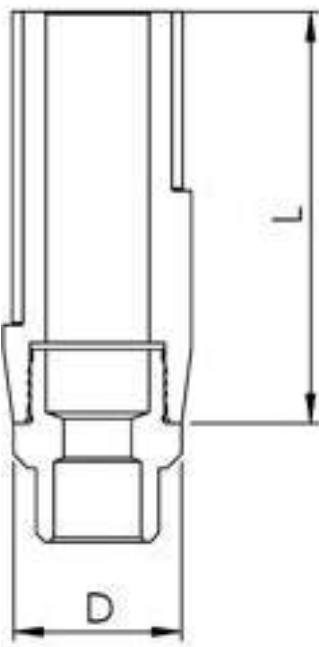
P4a-S

All abutments include a short screw.

CAD/CAM PRODUCTS STANDARD PLATFORM CEMENT-RETAINED RESTORATION



CAD/CAM SCAN ABUTMENT



These 3D libraries enable precise computerized planning of the future restoration

AB Dental products have been added to the libraries of a wide range of companies

The scanning information is used to produce precise restoration on AB implants using CAD/CAM


Also for intra-oral scanning designed for re-sterilization

CAD/CAM technology simplifies the work flow, ensuring accuracy, speed and patient comfort


Made from PEEK - A high performance, biocompatible thermoplastic polymer, with Titanium base

P3,SC	P3L,SC
Scan Abutment	Narrow Long Scan Abutment
P3-3.75,SC	P3L-3.75,SC
Scan Abutment Standard Platform	Long Scan Abutment Standard Platform
D (mm) = 4.5 L (mm) = 6, 1	D (mm) = 4.2 L (mm) = 10

D1-3.75,MA
Digital Model Analog
D1-3.75,MA
Implant Model Analog Standard Platform
D (mm) = 3.8 L (mm) = 11 * Includes screw

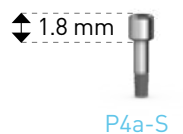


Scan abutments includes a short screw P4a-S for standard platform. Model Analog includes screw.



Model analog for digital printed model manufacturing

Two-Piece design for precise positioning

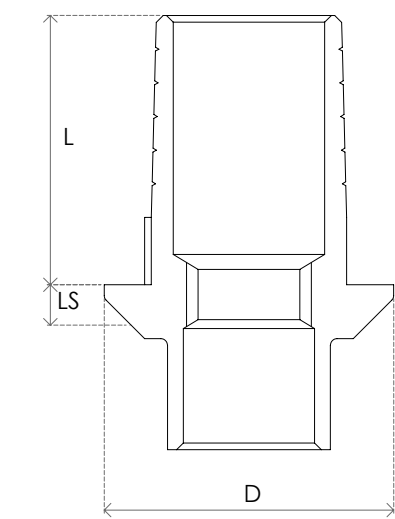


1.8 mm
P4a-S

3shape Zirkonzahn exocad dental wings

The CAD/CAM libraries were validated in the following system: 3Shape, ZirkonZhan, Exocad, DentalWings. The most updated CAD/CAM products libraries can be downloaded from AB Dental website.

CAD/CAM TITANIUM BASE



These 3D libraries enable precise computerized planning of the future restoration by scanning the implants and/or abutments of all types


AB Dental products have been added to the libraries of a wide range of companies

The scanning information is used to produce precise restoration on AB implants using CAD/CAM

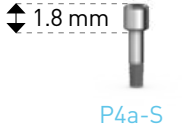
CAD/CAM technology simplifies the work flow, ensuring accuracy, speed and patient comfort

Titanium base for cementing crowns and bridges made by CAD/CAM

P3,TI	P3H,TIT	P3N,TIT	P3,TIT
Slim Ti Base Abutment for Single Crown	Wide Ti Base Abutment for Single Crown	Slim Rotational Ti Base Abutment for Bridges	Wide Rotational Ti Base Abutment for Bridges
P3-3.75,TI Ti Base Slim H0.6mm Standard Platform	P3H-3.75,TIT Ti Base Wide H0.7mm Standard Platform	P3N-3.75,0.6,TIT Ti Base Rotational Slim H0.6mm Standard Platform	P3-3.75,TIT Ti Base Rotational Wide H0.8mm Standard Platform
P3-3.75,2,TI Ti Base Slim H2mm Standard Platform		P3N-3.75,2,TIT Ti Base Rotational Slim H2mm Standard Platform	
P3-3.75,3,TI Ti Base Slim H3mm Standard Platform		P3N-3.75,3,TIT Ti Base Rotational Slim H3mm Standard Platform	
D (mm) = 4.3 L (mm) = 4 LS (mm)=0.6, 2, 3	D (mm) = 5.2 L (mm) = 4.5 LS (mm) = 0.7	D (mm) = 4.3 L (mm) = 4.1 LS (mm) = 0.6, 2, 3	D (mm) = 5.2 L (mm) = 4.5 LS (mm) = 0.8



All abutments include a short screw.



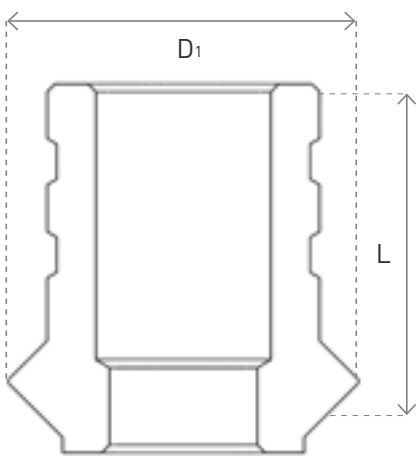
1.8 mm
P4a-S

SCREW-RETAINED RESTORATION STANDARD PLATFORM



P12 FLAT
CONNECTION ABUTMENT

ISSUED PATENT!



Provides a comprehensive solution for temporary and permanent restoration while retaining maximum precision

Used for screw retained restoration and enables restoration on non-parallel implants by cancelling the hex and thereby cancelling the obstruction of the insertion path



Issued Patent by AB Dental

Platform switching by design, allowing perfect environment for soft-tissue growth and helps to prevent bone resorption

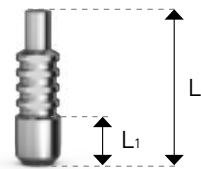
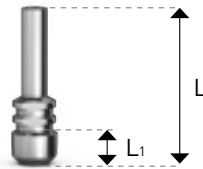
P12	P12C	D2-P12	D2N-P12
Flat Connection Abutment	Adaptor for Flat Connection Abutment	Impression Transfer for flat Connection Abutment	Narrow Impression Transfer for P12
P12-3.75	P12C-3.75,5	D2-P12-3.75,9	D2N-P12-3.75,9
		D2-P12-3.75,15	D2N-P12-3.75,15
D ₁ (mm) = 4.5 L (mm) = 5	D ₁ (mm) = 3.75 L (mm) = 5	D ₁ (mm) = 4.8 L (mm) = 9, 15	D ₁ (mm) = 3.75 L (mm) = 9, 15



In case of a non-double platform implant, the P12C adaptor enables the use of a flat connection abutment.

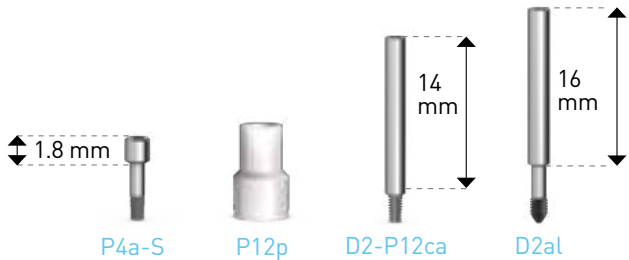
Temporary Abutment:

P12-T	P12-T/L
Temporary Flat Connection Abutment	Temporary Flat Connection Long Abutment
P12-3.75-T	P12-3.75-T/L
D ₁ (mm) = 4.5 L (mm) = 15 L ₁ (mm) = 7	D ₁ (mm) = 4.5 L (mm) = 15 L ₁ (mm) = 11

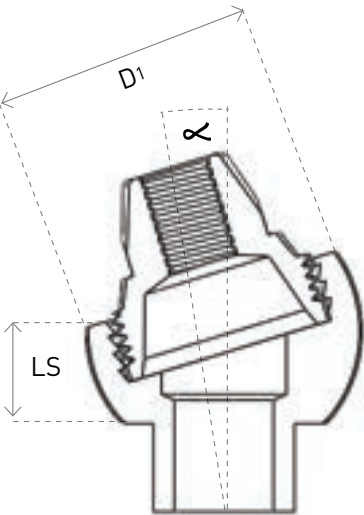


All abutments include P4a-S short screw and plastic sleeve P12p.

D2-P12 transfers are available with a D2-P12ca or a D2al screw.



P14 MULTI-UNIT ANGULAR ABUTMENT



The adaptor (base & cone) enables restoration on non-parallel implants by correcting extreme angles of the implant

Platform switching by design, allowing perfect environment for soft-tissue growth and helps to prevent bone resorption

Issued Patent by AB Dental

The angle of the implant is corrected by using a base. The cone enables connection of a temporary Titanium abutment or permanent abutment made with plastic sleeves for casting

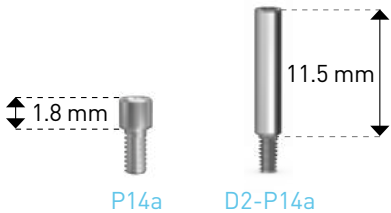
Available in 17° and 30° and 2 heights

A perfect solution for "All on four" restorations

P0-P14	D2-P14	D1-P14	P14b
Healing Cap for P14	Impression Transfer for P14	Analog for P14	Sleeves for P14
P0-P14,2.5	D2-P14	D1-P14	P14b-Plastic
P0-P14,4			P14-bt-Titanium
P0-P14,5			P14-bR-Cobalt Chrome
P0-P14,7			
D1 (mm) = 4.4 L (mm) = 2.5, 4, 5, 7	D1 (mm) = 4.4 L (mm) = 12.5	D1 (mm) = 4.4 L (mm) = 14.2	D1 (mm) = 4.4 L (mm) = 10,12,12



All sleeves include P14a screw.
D2-P14 transfer includes D2-P14a screw.



P16 MULTI-UNIT STRAIGHT ABUTMENT



The upper cone solves the lack of parallelism

The impression-taking is performed over the installed adaptors

The new product design allows for a greater space for the gums

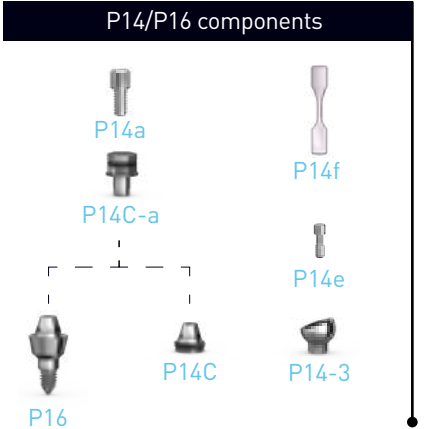
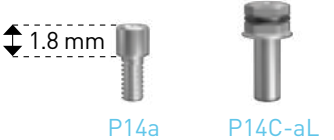
The over denture system is screwed to the cone. Available in different heights

Facilitates the installation of an over denture system on nonparallel implants

P16	P14-17	P14-30
Straight adaptor	Angular adaptor	Angular adaptor
P16-3.75,1	P14-3.75,17-1	P14-3.75,30-1
P16-3.75,2	P14-3.75,17-3	P14-3.75,30-3
P16-3.75,3		
P16-3.75,4		
P16-3.75,5		
D1 (mm) = 4.5 LS (mm) = 1, 2, 3, 4, 5	D1 (mm) = 4.4 ≈ 17° LS (mm) = 1.35, 3.75	D1 (mm) = 4.4 ≈ 30° LS (mm) = 1.5, 3

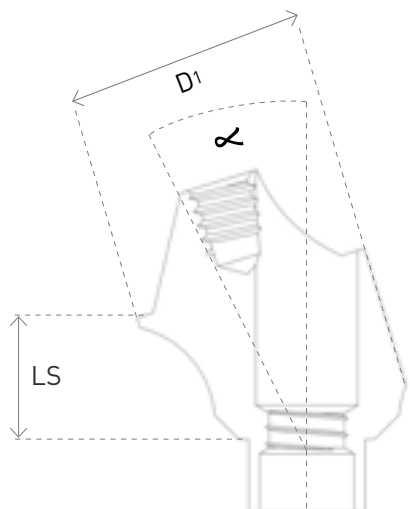


P14/P16 adaptors include P14a screw.



P64 MULTI-UNIT ANGULAR ABUTMENT

P64 MULTI-UNIT STRAIGHT ABUTMENT



Enables restoration on non-parallel implants by correcting extreme angles of implants

Path of insertion is especially wide

Available in angles of 17°, 30°, 42°

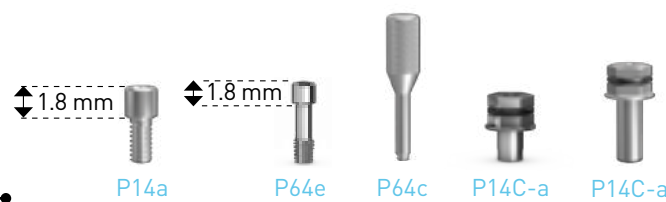
The conical screw thread is deep and wide, giving additional strength to the abutment

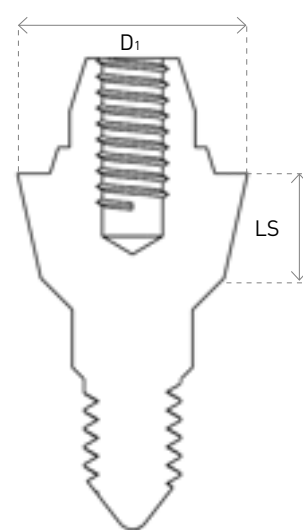
Platform switching by design, allowing perfect environment for soft-tissue growth and helps to prevent bone resorption

P64	P64-17	P64-30	P64-42
Straight Adaptor Single Unit	Angular Adaptor Single Unit	Angular Adaptor Single Unit	Angular Adaptor Single Unit
P64-3.75,1	P64-3.75,17-0.5	P64-3.75,30-0.5	P64-3.75,42-0.5
P64-3.75,2	P64-3.75,17-2	P64-3.75,30-2	P64-3.75,42-2
P64-3.75,3	P64-3.75,17-3	P64-3.75,30-3	
P64-3.75,4	P64-3.75,17-4	P64-3.75,30-4	
P64-3.75,5	P64-3.75,17-5	P64-3.75,30-5	
D1 (mm) = 4.9 LS (mm) = 1, 2, 3, 4, 5	D1 (mm) = 4.9 α 17° LS (mm) = 0.5, 2, 3, 4, 5	D1 (mm) = 4.9 α 30° LS (mm) = 0.5, 2, 3, 4, 5	D1 (mm) = 4.9 α 40° LS (mm) = 0.5



P64 angular adaptor includes P64e screw. P64 straight adaptor is provided with P14C-a Carrier and P14a screw. P64 angular adaptor is provided with P64c Carrier. P14C-aL is an optional long Carrier.





The upper cone solves the lack of parallelism

The impression-taking is performed over the installed adaptors

The new product design allows for a greater space for the gums

The over denture system is screwed to the cone. Available in different heights

Facilitates the installation of an over denture system on nonparallel implants

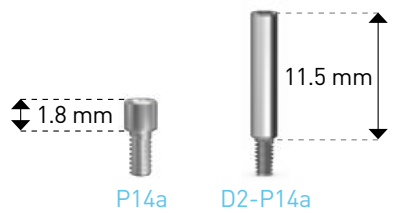
Platform switching by design, allowing perfect environment for soft-tissue growth and helps to prevent bone resorption

P0-P64	D2-P64	D4-P64	D1-P64	P64-bT	P64b
Healing Cap for P64	Transfer for P64 for open tray	Plastic Snap Transfer kit for P64	Analog for P64	Titanium Sleeve for P64	Plastic Sleeve for P64
P0-P64,5	D2-P64	D4-P64	D1-P64	P64-bT	P64b
D1 (mm) = 4.9 L (mm) = 5	D1 (mm) = 4.9 L (mm) = 10	D1 (mm) = 4.9 L (mm) = 10	D1 (mm) = 4.9 L (mm) = 14.2	D1 (mm) = 4.9 L (mm) = 12	D1 (mm) = 4.9 L (mm) = 10

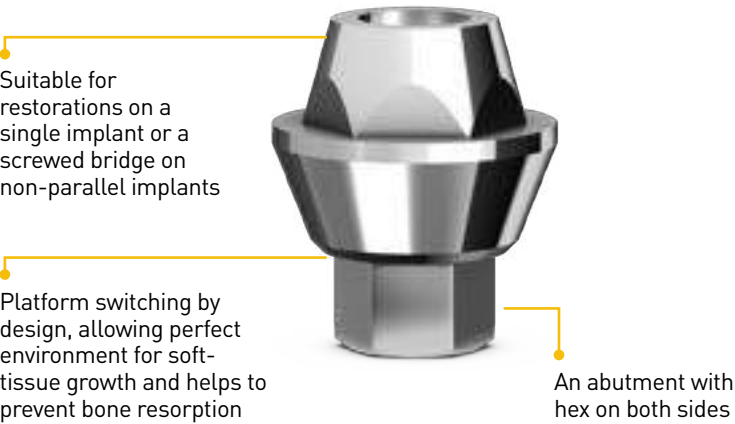
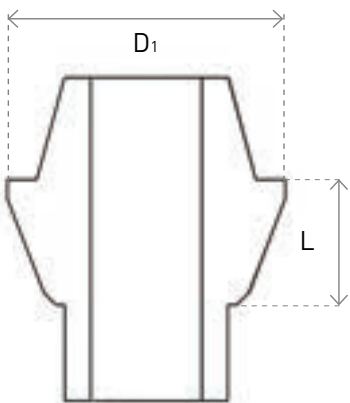


The D4-P64 set contains : PK-D2 Transfer (3 units), Special P64 Adapter and P14a screw.

All sleeves include a P14a screw. D2-P64 transfer includes D2-P14a screw.



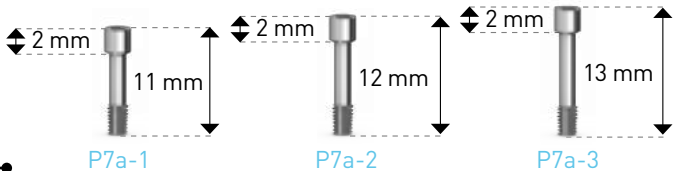
P7 ANTI-ROTATION AESTHETIC ABUTMENT



P7	P7b	P7b-H
Aesthetic abutment	Plastic sleeve without hex	Plastic sleeve with hex
P7-3.75,1	P7b	P7b-H
P7-3.75,2		
P7-3.75,3		
D1 (mm) = 4.7	D1 (mm) = 6	D1 (mm) = 4.7
L (mm) = 1, 2, 3	L (mm) = 8.5	L (mm) = 12



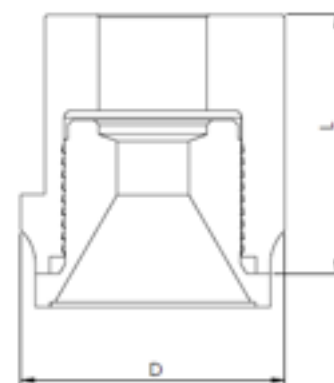
All abutments include a P7-a screw according to the abutment heights respectively. P7 includes a P7b plastic sleeve without hex.



CAD/CAM PRODUCTS STANDARD PLATFORM SCREW-RETAINED RESTORATION



CAD/CAM SCAN BODIES



These 3D libraries enable precise computerized planning of the future restoration by scanning the implants and/or abutments of all types

AB Dental products have been added to the libraries of a wide range of companies

The scanning information is used to produce precise restoration on AB implants using CAD/CAM



Also for intra-oral scanning

CAD/CAM technology simplifies the work flow, ensuring accuracy, speed and patient comfort

Made from PEEK - A high performance, biocompatible thermoplastic polymer, with Titanium base

P64,SC	P14,SC
Scan Body	Scan Body
P64,SC	P14,SC
P64 Scan Body	P14/P16 Scan Body
D (mm) = 5.5	D (mm) = 5.5
L (mm) = 6.1	L (mm) = 6.1

D1-P64,MA
Digital Model Analog
D1-P64,MA
P64 Model Analog
D (mm) = 3.8
L (mm) = 11
* Includes screw



Scan Body includes a short screw P14a. Model Analog include screw.

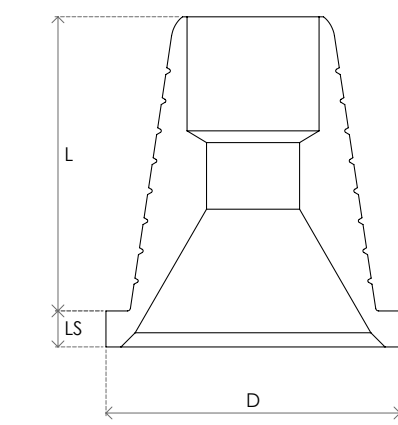
Model analog for digital printed model manufacturing

Two-Piece design for precise positioning

3shape Zirkonzahn exocad dental wings

The CAD/CAM libraries were validated in the following systems: 3Shape, ZirkonZhan, Exocad, DentalWings. The most updated CAD/CAM products libraries can be downloaded from AB Dental website.

CAD/CAM TITANIUM SLEEVES



These 3D libraries enable precise computerized planning of the future restoration by scanning the implants and/or abutments of all types

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CAD/CAM technology simplifies the work flow, ensuring accuracy, speed and patient comfort

Titanium base for cementing crowns and bridges made by CAD/CAM

P64	P64	P14/P16
Titanium Conical Sleeve for P64 Angular Adaptor	Titanium/Cobalt-Chrome Straight Sleeve for P64 Angular Adaptor	Titanium/Cobalt-Chrome Straight Sleeve for P14 Angular Adaptor or P16 Straight Adaptor
P64-bTs-C	P64-bTs	P14-bTs
P64 Ti Conical Adhesive Sleeve	P64 Ti Straight Adhesive Sleeve	P14 Ti Straight Adhesive Sleeve
	P64-bRs	P14-bRs
	P64 CoCr Straight Adhesive Sleeve	P14 CoCr Straight Adhesive Sleeve
D (mm) = 4.9	D (mm) = 4.9	D (mm) = 4.4
L (mm) = 5.5	L (mm) = 5.55	L (mm) = 5.5

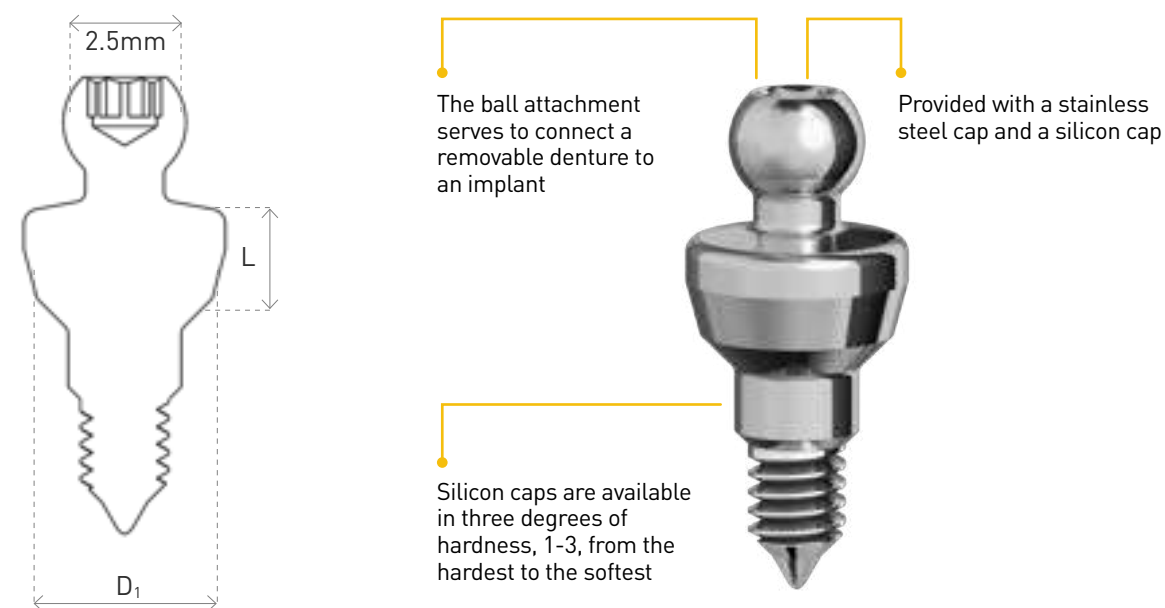


All sleeves include P14a screw.

OVERDENTURE RESTORATION STANDARD PLATFORM



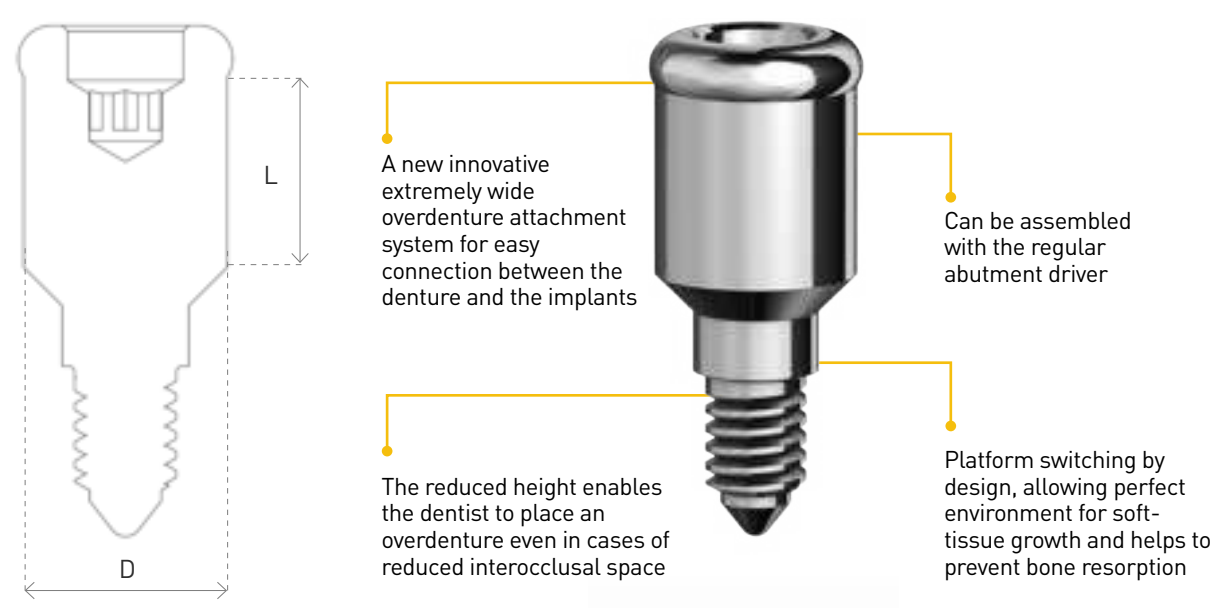
P5 BALL ATTACHMENT



P5	Related Parts	P5 Set
Ball Attachment Abutment (sold with transparent silicon cap)	Silicon caps are sold in pairs of the same color	Includes: P5 Ball Attachment + P5b Transparent + P5a Metal Cap
P5-3.75,1	P5b-1 Grey Hard Silicon Cap	P5-3.75,1set
P5-3.75,2	P5b-2 Transparent Medium Silicon Cap	P5-3.75,2set
P5-3.75,3	P5b-3 Pink Soft Silicon Cap	P5-3.75,3set
P5-3.75,4	P5b-4 Black Silicon Cap for Lab	P5-3.75,4set
P5-3.75,5	P5a Metal Cap	
P5-3.75,6	P5d Protective Disk	
D1 (mm) = 4.1 L (mm) = 1, 2, 3 4, 5, 6	D1 (mm) = 4 L (mm) = 2.5	



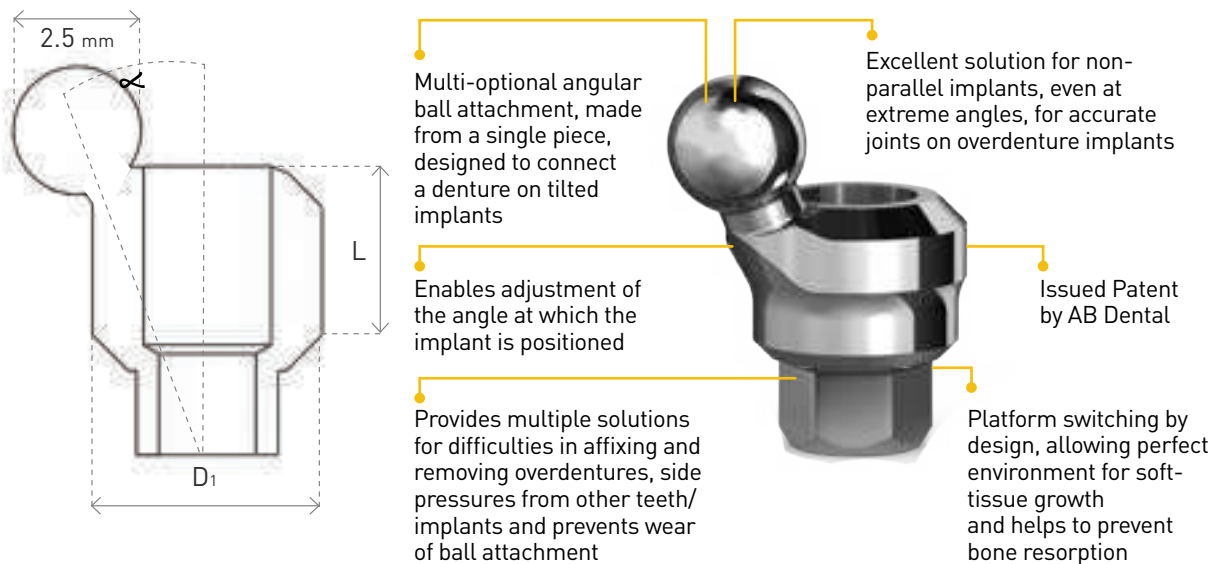
P25 AB LOC ATTACHMENT



P25	P25b/10set	P25b/20set	Related Parts
AB LOC (sold with transparent silicon cap)	Silicon Cap (sold as a set of 5)	Silicon Cap (sold as a set of 5)	
P25-3.75,0	Yellow Eextra soft	Yellow Eextra soft	P25a Metal Cap
P25-3.75,1	Pink Soft	Pink Soft	P25d Protective Disk
P25-3.75,2	Purple Strong	Purple Strong	
P25-3.75,3	Transparent Standard	Transparent Standard	
P25-3.75,4	Black For lab	Black For lab	
P25-3.75,5			
D1 (mm) = 3.9 L (mm) = 0.2, 1, 2, 3, 4, 5	D1 (mm) = 4.6 L (mm) = 1.7	D1 (mm) = 4.6 L (mm) = 1.7	

P5-20 ANGULAR BALL ATTACHMENT 20°

ISSUED PATENT!



P5-20	Related Parts	P5 Set
Angular ball attachment 20° (sold with transparent silicon cap)	Silicon caps are sold in pairs of the same color	Includes: P5 Ball Attachment + P5b Transparent + P5a Metal Cap
P5-3.75,20-1	P5b-1 Grey Hard Silicon Cap	P5-3.75,20-1set
P5-3.75,20-2	P5b-2 Transparent Medium Silicon Cap	P5-3.75,20-2set
P5-3.75,20-3	P5b-3 Pink Soft Silicon Cap	P5-3.75,20-3set
P5-3.75,20-4	P5b-4 Black Silicon Cap for Lab	P5-3.75,20-4set
P5-3.75,20-5	P5a Metal Cap	
P5-3.75,20-6	P5d Protective Disk	
D1 (mm) = 4 α 20° L (mm) = 1, 2, 3, 4, 5, 6	D1 (mm) = 4 L (mm) = 2.5	

Each P5-20 abutment include it's own P5-20a screw (per its height) and a silicon cap.



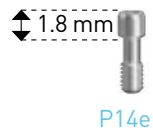
P5\P25 ANGULAR BASE ATTACHMENT

Angular adaptors bases with a combination of ball attachments and AB LOC attachments

P14base-17	P14base-30	P5-P14	P25-P14
Base for angular adaptor	Base for angular adaptor	Ball for angular adaptor	AB LOC for Angular Adaptor
P14base,17-1	P14base,30-1	P5-P14,1	P25-P14,1
P14base,17-3	P14base,30-3	P5-P14,2	P25-P14,2
D1 (mm) = 4.4 α 17° LS (mm) = 1.35, 3.75	D1 (mm) = 4.4 α 30° LS (mm) = 1.5, 3	D1 (mm) = 4.4 L (mm) = 12	D1 (mm) = 4.4 L (mm) = 1,2

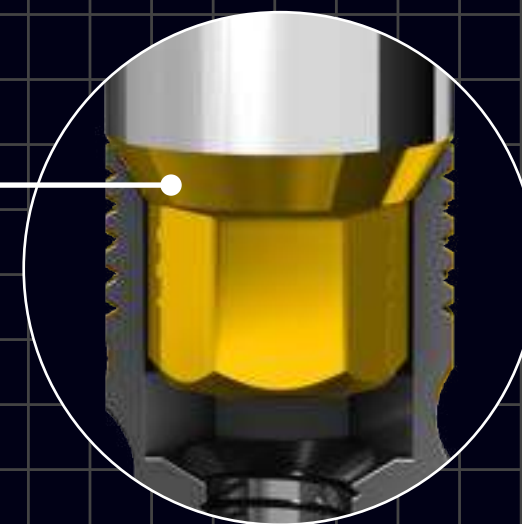


P14 base is available with P14e screw.

























NARROW PLATFORM

3 mm Diameter
Mini Conical
Connection:
60° cone
2mm Hexagon



NARROW PLATFORM

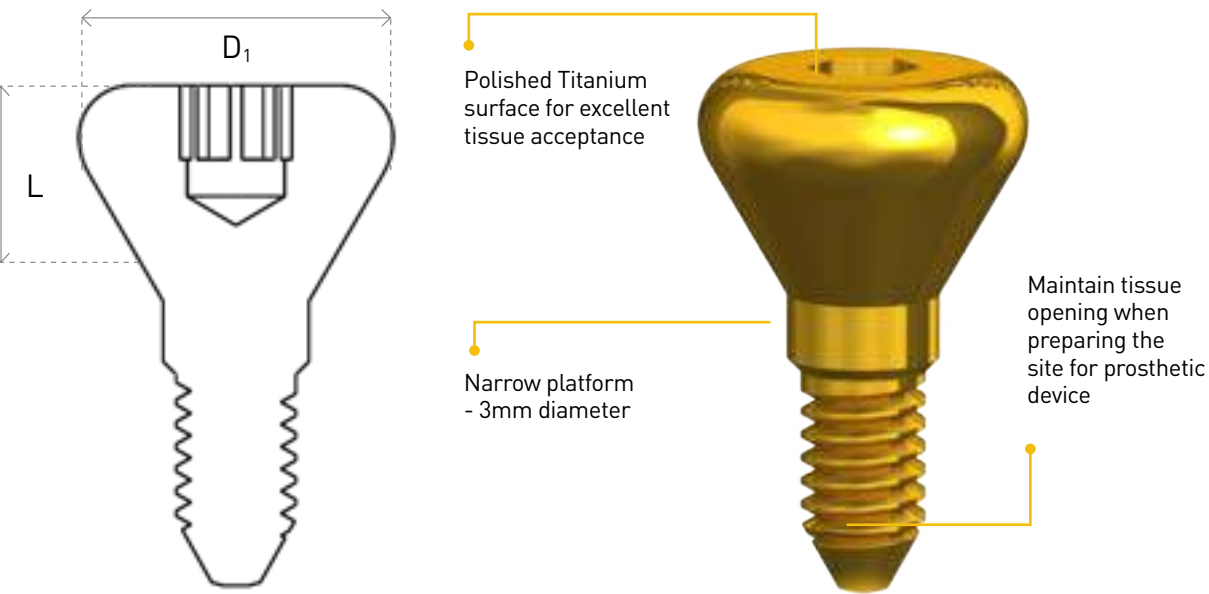
The order and presentation of these products is based on impressions taken from an implant.
There is also an option to take an impression after connecting the abutment to the implant.

	Healing caps		Transfers / Scan Bodies / Analogs		Abutments
			Impressions	CAD/CAM	Temporary
Cement-Retained Restoration	 P0-3 Page 108		 D1-3 Page 112	 P3L-3,SC Page 120	 P3S-PEEK-3 Page 114
			 D2-3 Page 109	 D1-3,MA Page 120	
Screw-retained Restoration	 P0-P14 Page 124	 P0-P64 Page 124	 D20-3 Page 109	 D1-P14 Page 124	 P14,SC Page 96
			 D2-P14 Page 124	 D1-P64 Page 126	 P14-bT Page 124
			 D3-3 Page 110	 D2-P64 Page 126	 P64,SC Page 96
Overdenture Restoration			 D3W-3 Page 110	 D4-P64 Page 126	 P64-bT Page 126
			 D4 Page 111	 D1-P64,MA Page 96	

Abutment closure torque 25Ncm.
Screw retained sleeve closure torque 20Ncm.

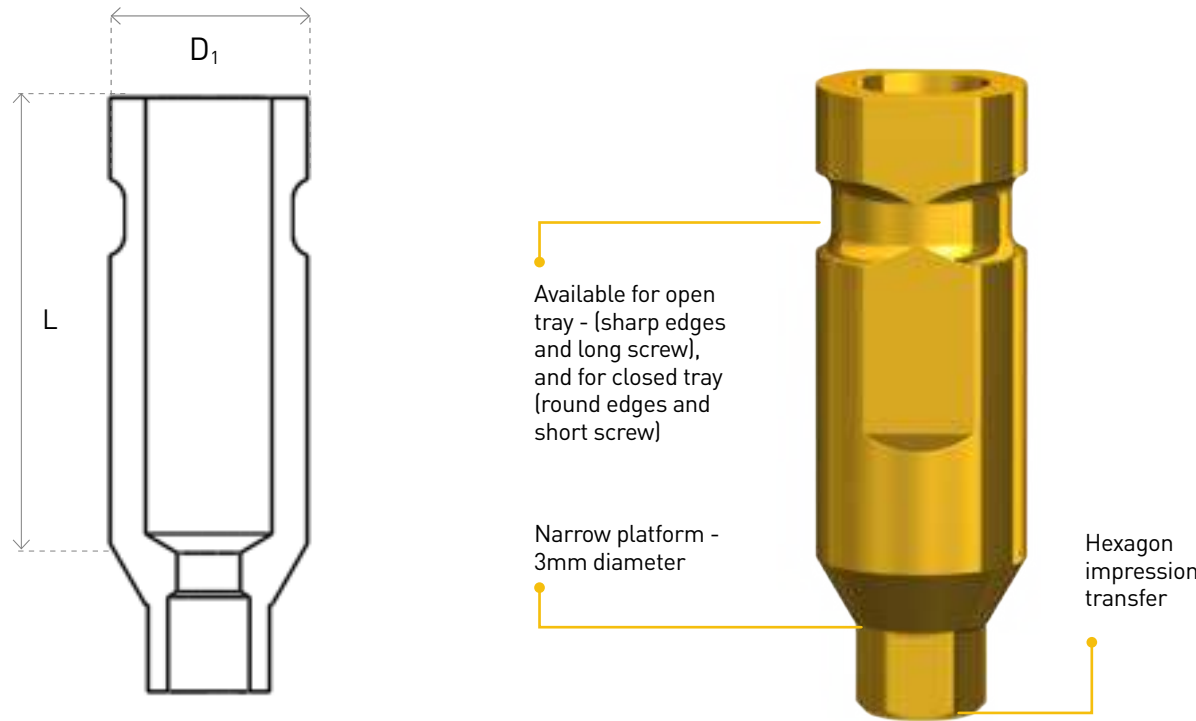
Abutments / Sleeves / Attachments			
Straight	Angular	Casting	CAD/CAM
 P3-3 Page 115	 P4-3 Page 116	 P9HR-3 Page 117	 P3N-3,2,TIT Page 121
 P3W-3 Page 115	 P4L-3 Page 116	 P9R-3 Page 117	 P3-3,TI Page 121
 P3S Page 115	 P4S-3 Page 116	 P2N Page 118	 P3-3,TIT Page 121
 PK-P3-3 Page 111		 P2NH Page 118	 P3H-3,TIT Page 121
 P16 Page 125	 P14 Page 124	 P14-bR Page 124	 P14-bTs Page 97
 P64 Page 127	 P64 Page 126	 P14b Page 124	 P14-bRs Page 97
		 P64b Page 126	 P64-bT-C Page 97
			 P64-bTs Page 97
 P5-3 Page 130	 P25-3 Page 131	 P14BASE-3 Page 133	 P5-P14 Page 133
		 P25-P14 Page 133	
		 P5-3,20 Page 132	

P0 TITANIUM HEALING CAP



P0
Titanium healing cap
P0-3,2
P0-3,3
P0-3,4
P0-3,5
P0-3,7
D1 (mm) = 4,2
L (mm) = 2, 3, 4, 5, 7

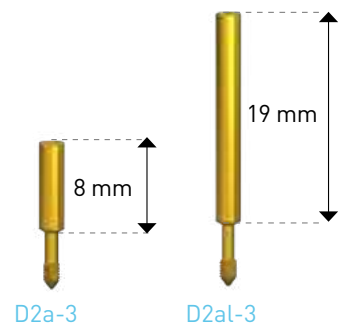
D2 IMPRESSION TRANSFER



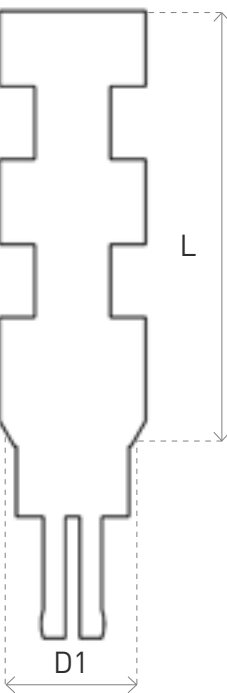
D2	D20
Impression transfer for closed tray	Impression transfer for open tray
D2-3,9	D20-3,15
D1 (mm) = 3.75	D1 (mm) = 3.5
L (mm) = 9	L (mm) = 15



D2 transfers are available with D2a or D2al screws. A short screw for a closed tray and a long screw for an open tray.



D3 CLIP TRANSFER

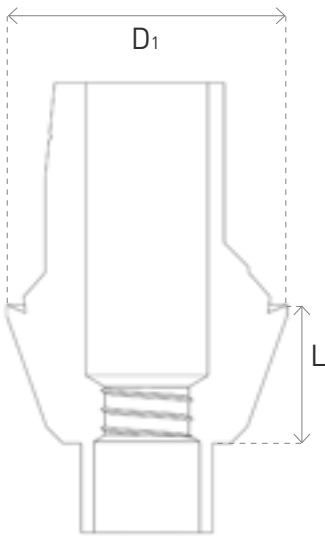


- Especially efficient in posterior areas with a limited intermaxillary space for a driver
- Available for close tray method with higher precision
- Narrow platform - 3mm diameter
- Remains in the impression throughout the process
- Suitable for parallel implants only

D3	D3W
Clip transfer	Wide clip transfer
D3-3,9	D3W-3,9
D1 (mm) = 3.5	D1 (mm) = 4.5
L (mm) = 9	L (mm) = 9



D4 PLASTIC SNAP TRANSFER WITH ABUTMENT



- Impression taking with a click
- The set is designed for multiple uses
- Available in 3 heights (1-3mm)
- Enables quick and simple impression taking as the closed tray technique, while obtaining maximum precision as the open tray technique

The set contains: PK-D2 Transfer (3 units), PK-P3-3 Abutment, D1-3 Analog.

D4-3

Plastic snap transfer with abutment

D4-3,1

D4-3,2

D4-3,3

D1 (mm) = 5.17
L (mm) = 1,2,3



D1-3
Narrow Platform Implant Analog

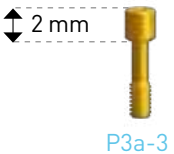


PK-D2
Plastic Transfer



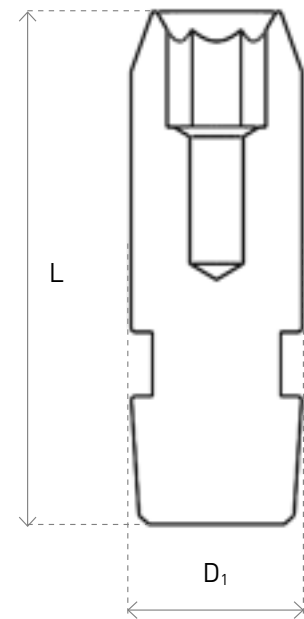
PK-P3-3
Anatomic Anti-Rotation Abutment
Narrow Platform

All abutments include a short screw.



P3a-3

D1 ANALOG



Made of Stainless Steel to allow preparation of laboratory models



Narrow platform - 3mm diameter

D1-3

Analog

D1-3

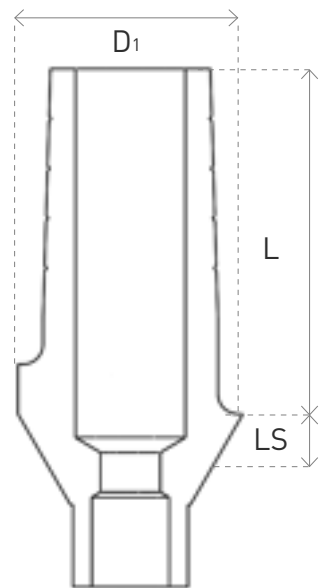
D₁ (mm) = 4

L (mm) = 12

CEMENT-RETAINED RESTORATION NARROW PLATFORM



P3S-PEEK TEMPORARY ANATOMIC ANTI-ROTATION ABUTMENT



A high performance, biocompatible thermoplastic polymer, designed for medical device applications

Narrow platform - 3mm diameter



P3S PEEK

Temporary peek anatomic anti-rotation abutment

P3S-PEEK-3,1

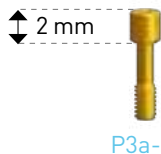
P3S-PEEK-3,2

P3S-PEEK-3,3

D1 (mm) = 4.5

L (mm) = 7.4

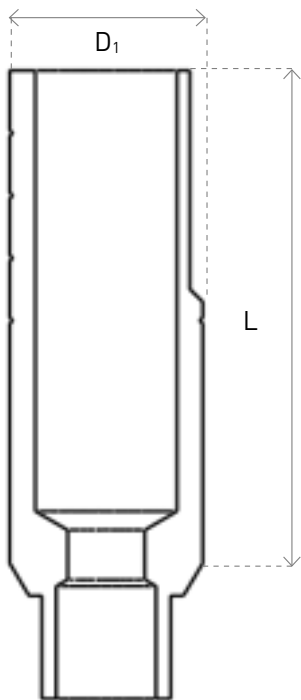
LS (mm) = 1, 2, 3



All abutments include a short screw.

P3a-3

P3 ANTI-ROTATION ABUTMENT



Designed for permanent restoration

A straight Titanium abutment with hex



Narrow platform - 3mm diameter

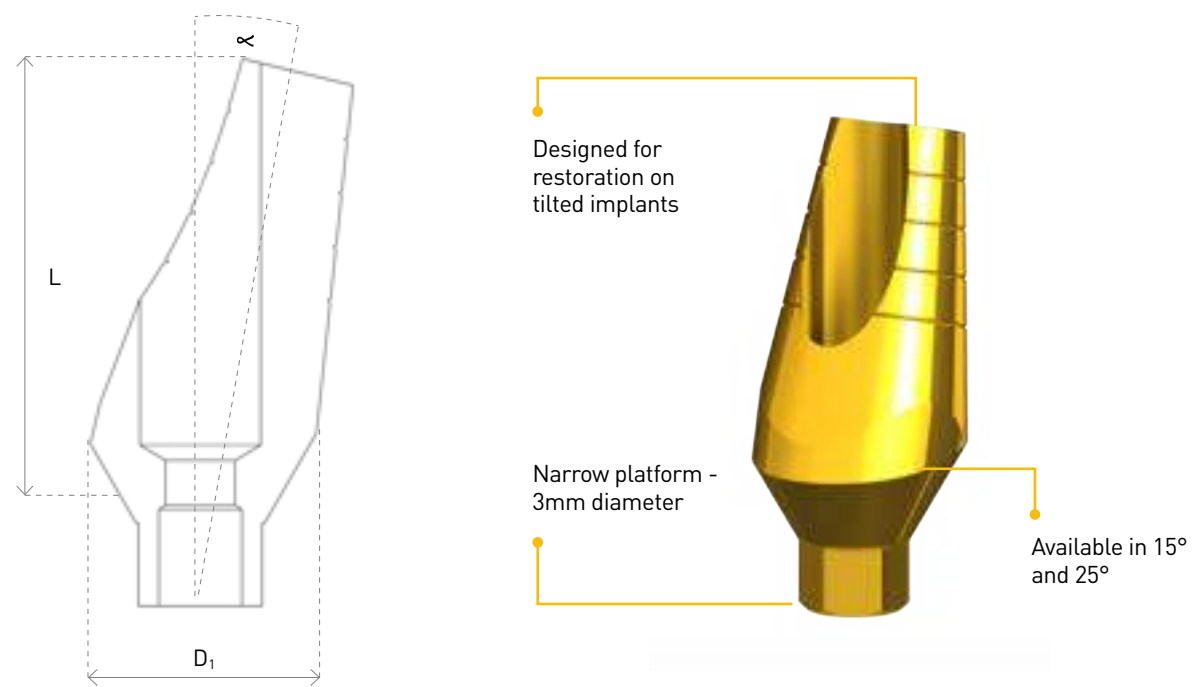
P3	P3W	P3S
Anti-rotation abutment	Wide anti-rotation abutment	Anatomic anti-rotation abutment
P3-3,9	P3W-3,9	P3S-3,1
P3-3,12		P3S-3,2
		P3S-3,3
D1 (mm) = 3 L (mm) = 9, 12	D1 (mm) = 4 L (mm) = 9	D=3.8 L=7.5 LS=1,2,3



All abutments include a short screw.

P3a-3

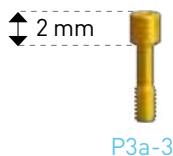
P4 ANGULAR ABUTMENT



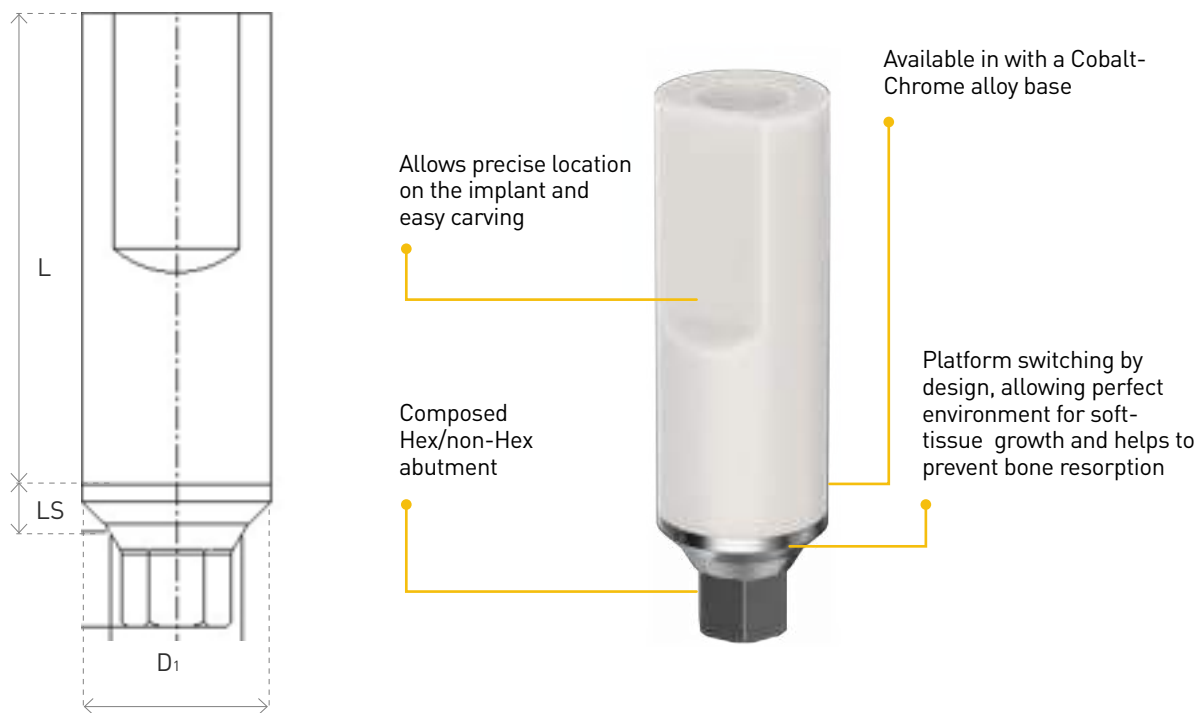
P4	P4L	P4S-15
Angular abutment	Long angular abutment	Anatomic angular abutment 15° with shoulder
P4-3,15	P4L-3,15	P4S-3,15-1
P4-3,25	P4L-3,25	P4S-3,15-2
		P4S-3,15-3
D1 (mm) = 4.2 α 15°, 25° L (mm) = 8	D1 (mm) = 4.5 for 15° D1 (mm) = 4.7 for 25° α 15°, 25° L (mm) = 13	D1 (mm) = 4.1 α 15° L (mm) = 7 LS (mm) = 1, 2, 3



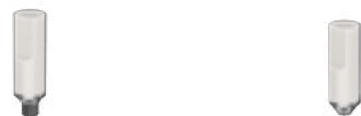
All abutments include a short screw.



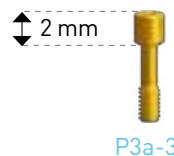
P9 COMPOSED ABUTMENT



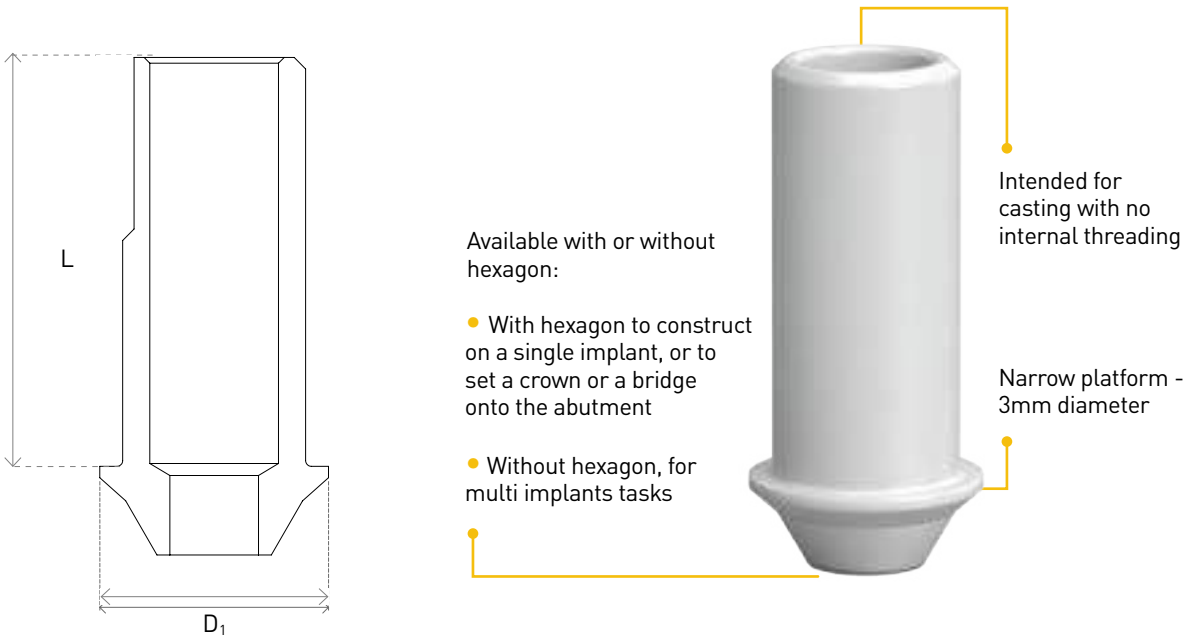
P9HR	P9R
Cobalt-Chrome Composed Hex Abutment (for crown)	Cobalt-Chrome Composed Abutment (for bridge)
P9HR-3,11	P9R-3,11
D1 (mm) = 4 L (mm) = 11	D1 (mm) = 4 L (mm) = 11 LS (mm) = 1



All abutments include a short screw.



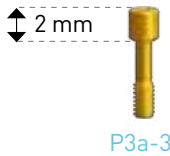
P2N PLASTIC SLEEVE



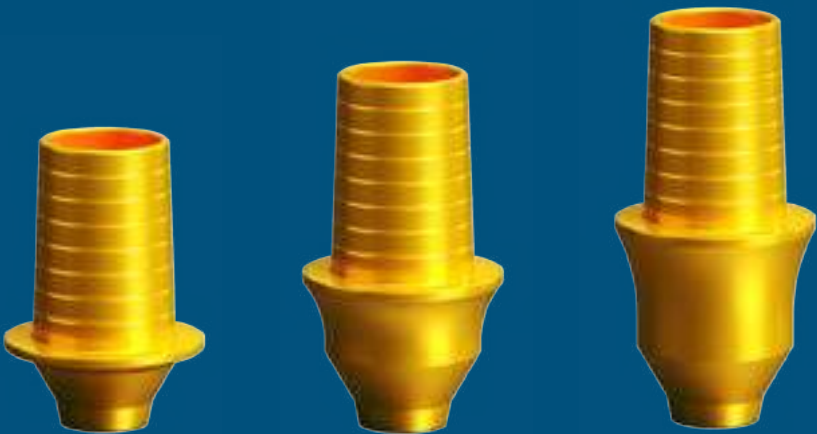
P2N	P2NH
Plastic Sleeve w/Fixation narrow screw - straight (for bridge)	Plastic Sleeve w/Fixation narrow screw - Straight w/Hex (for crown)
P2N-3,15	P2NH-3,15
D1 (mm) = 4 L (mm) = 7.15	D1 (mm) = 4 L (mm) = 7.15



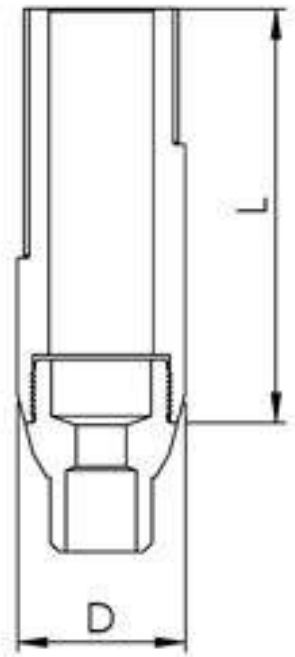
All abutments include a short screw.



CAD/CAM PRODUCTS NARROW PLATFORM



CAD/CAM SCAN ABUTMENTS



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The scanning information is used to produce precise restoration on AB implants using CAD/CAM



CAD/CAM technology simplifies the work flow, ensuring accuracy, speed and patient comfort

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Also for intra-oral scanning

Made from PEEK - A high performance, biocompatible thermoplastic polymer, with Titanium base

P3,SC	P3L,SC
Scan Abutment	Narrow Long Scan Abutment
P3-3,SC	P3L-3,SC
Scan Abutment Narrow Platform	Long Scan Abutment Narrow Platform
D (mm) = 4.5 L (mm) = 6,1	D (mm) = 3.7 L (mm) = 10



Scan abutments includes a short screw P3a-3 for narrow platform. Model Analog includes screw.



Model analog for digital printed model manufacturing

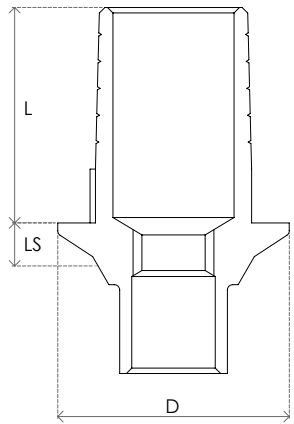
Two-Piece design for precise positioning

P3a-3

3shape Zirkonzahn exocad dental wings

The CAD/CAM libraries were validated in the following system: 3Shape, ZirkonZhan, Exocad, DentalWings. The most updated CAD/CAM products libraries can be downloaded from AB Dental website.

CAD/CAM TITANIUM BASE



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AB Dental products have been added to the libraries of a wide range of companies

Titanium base for cementing crowns and bridges made by CAD/CAM

P3,TI	P3H,TIT	P3N,TIT	P3,TIT
Slim Ti Base Abutment for Single Crown	Wide Ti Base Abutment for Single Crown	Slim Rotational Ti Base Abutment for Bridges	Wide Rotational Ti Base Abutment for Bridges
P3-3,TI Ti Base Slim H0.8mm Narrow Platform	P3H-3,TIT Ti Base Wide H0.8mm Narrow Platform	P3N-3,0.6,TIT Ti Base Rotational Slim H0.6mm Narrow Platform	P3-3,TIT Ti Base Rotational Wide H0.8mm Narrow Platform
P3-3,2,TI Ti Base Slim H2mm Narrow Platform		P3N-3,2,TIT Ti Base Rotational Slim H2mm Narrow Platform	
P3-3,3,TI Ti Base Slim H3mm Narrow Platform		P3N-3,3,TIT Ti Base Rotational Slim H3mm Narrow Platform	
D (mm) = 4.3 L (mm) = 4 LS(mm)=0.8, 2, 3	D (mm) = 5.2 L (mm) = 4.5 L S (mm) = 0.8	D (mm) = 4.1 L (mm) = 4.1 L S (mm) = 0.6, 2, 3	D (mm) = 5.2 L (mm) = 4.5 L S (mm) = 0.8

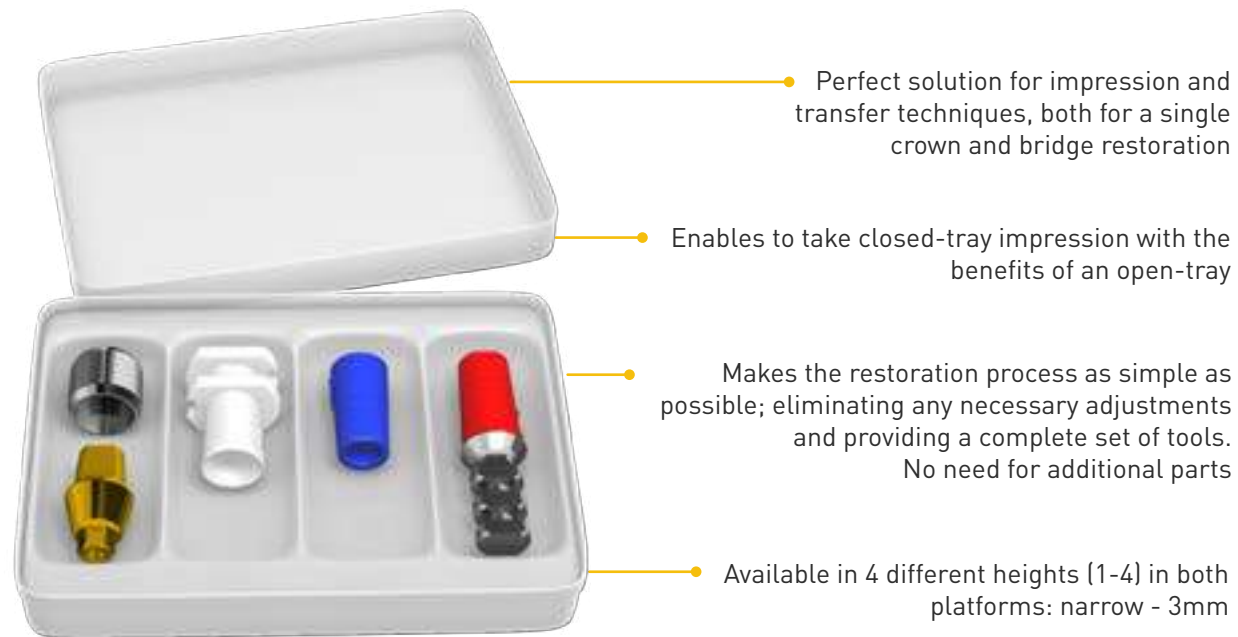


Titanium base includes a short screw P3a-3 for narrow platform.



P3a-3

PK PROSTHETIC KIT



The kit is available in a pack of ten.

PK-3

Prosthetic Kit

PK-3,1

PK-3,2

PK-3,3

D₁ (mm) = 5,17

L (mm) = 1,2,3



PK-D1

Implant Analog



PK-P2

Plastic Conical Sleeve



PK-D2

Plastic Transfer



PK-P2H

Plastic Conical Sleeve



PK-P0

Healing Cap



PK-P3-3

Anatomic Anti - Rotation Abutment
Narrow Platform



P3a-3

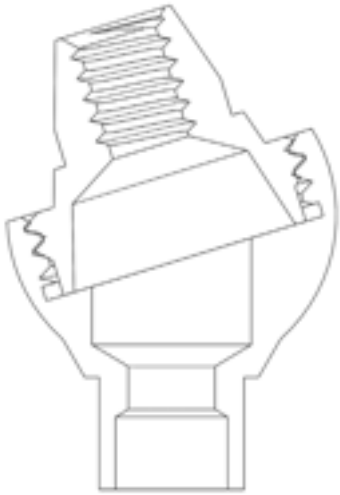
All abutments include a short screw.

SCREW-RETAINED RESTORATION NARROW PLATFORM



P14 MULTI-UNIT ANGULAR ABUTMENT

P16 MULTI-UNIT STRAIGHT ABUTMENT



The adaptor (base & cone) enables restoration on non-parallel implants by correcting extreme angles of the implant

Issued Patent by AB Dental

The angle of the implant is corrected by using a base. The cone enables connection of a temporary Titanium abutment or permanent abutment made with plastic sleeves for casting

Platform switching by design, allowing perfect environment for soft-tissue growth and helps to prevent bone resorption

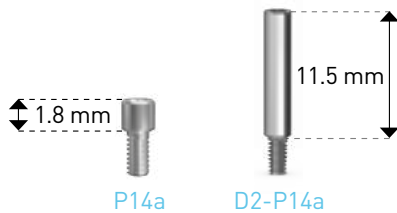
ISSUED PATENT!

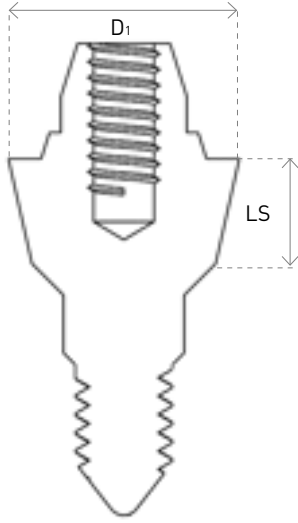
A perfect solution for "All on four" restorations

P0-P14	D2-P14	D1-P14	P14b
Healing Cap for P14	Impression Transfer for P14	Analog for P14	Sleeves for P14
P0-P14,2.5	D2-P14	D1-P14	P14b-Plastic
P0-P14,4			P14-bt-Titanium
P0-P14,5			P14-bR-Cobalt Chrome
P0-P14,7			
D1 (mm) = 4.4 L (mm) = 2.5, 4, 5, 7	D1 (mm) = 4.4 L (mm) = 12.5	D1 (mm) = 4.4 L (mm) = 14.2	D1 (mm) = 4.4 L (mm) = 10,12,12



All sleeves include P14a screw.
D2-P14 transfer includes D2-P14a screw.





The upper cone solves the lack of parallelism

The impression-taking is performed over the installed adaptors

The new product design allows for a greater space for the gums

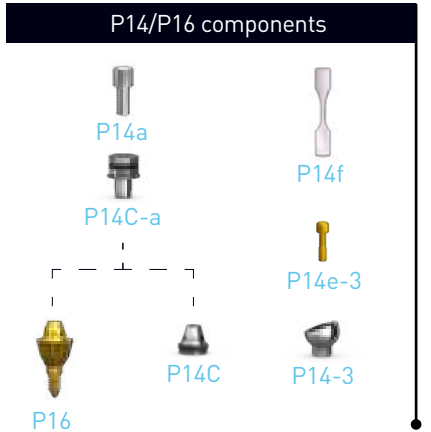
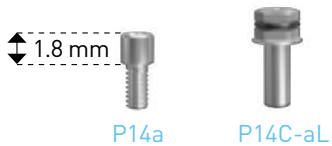
The over denture system is screwed to the cone. Available in different heights

Facilitates the installation of an over denture system on nonparallel implants

P16	P14-17	P14-30
Straight adaptor	Angular adaptor	Angular adaptor
P16-3,1	P14-3,17-1	P14-3,30-1
P16-3,2	P14-3,17-3	P14-3,30-3
P16-3,3		
P16-3,4		
D1 (mm) = 4.4 LS (mm) = 1, 2, 3, 4	D1 (mm) = 4.4 ≈ 17° LS (mm) = 1.5, 3	D1 (mm) = 4.4 ≈ 30° LS (mm) = 1, 3

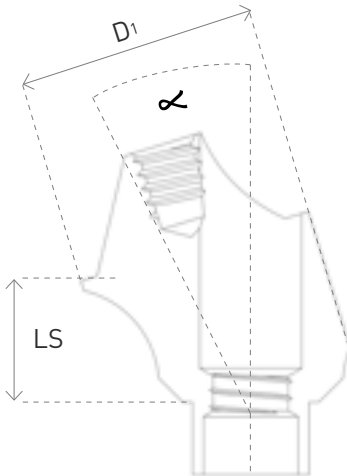


P14/P16 adaptors include P14a screw.



P64 MULTI-UNIT ABUTMENT

P64 MULTI-UNIT ABUTMENT



Enables restoration on non-parallel implants by correcting extreme angles of implants

Path of insertion is especially wide

Available in angles of 17°, 30°

The conical screw thread is deep and wide, giving additional strength to the abutment

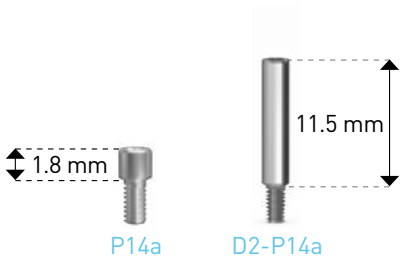
Platform switching by design, allowing perfect environment for soft-tissue growth and helps to prevent bone resorption

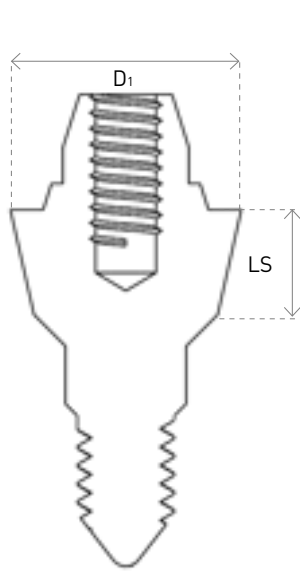
P0-P64	D2-P64	D4-P64	D1-P64	P64-bT	P64b
Healing cap for P64	Transfer for P64	Plastic Snap Transfer kit for P64	Analog for P64	Analog for P64	Plastic sleeve for P64
P0-P64,5	D2-P64	D4-P64	D1-P64	P64-bT	P64b
D1 (mm) = 4.9 L (mm) = 5	D1 (mm) = 4.9 L (mm) = 10	D1 (mm) = 4.9 L (mm) = 10	D1 (mm) = 4.9 L (mm) = 14.2	D1 (mm) = 4.9 L (mm) = 12	D1 (mm) = 4.9 L (mm) = 10



The D4-P64 set contains : PK-D2 Transfer (3 units), Special P64 Adapter and P14a screw.

All sleeves include a P14a screw.
D2-P64 transfer includes D2-P14a screw.





The upper cone solves the lack of parallelism

The impression-taking is performed over the installed adaptors

The new product design allows for a greater space for the gums

The over denture system is screwed to the cone. Available in different heights

Facilitates the installation of an over denture system on nonparallel implants

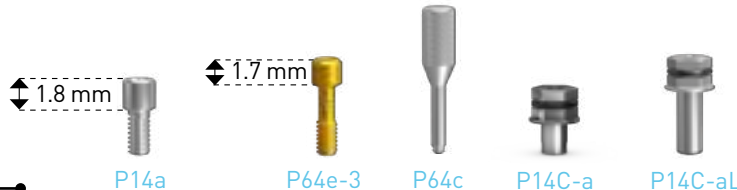
A straight adaptor made from Titanium

Platform switching by design, allowing perfect environment for soft-tissue growth and helps to prevent bone resorption

P64	P64-17	P64-30
Straight Adaptor Single Unit	Angular Adaptor Single Unit	Angular Adaptor Single Unit
P64-3,1	P64-3,17-0.5	P64-3,30-0.5
P64-3,2	P64-3,17-2	P64-3,30-2
P64-3,3		
D1 (mm) = 4.9 LS (mm) = 1, 2, 3	D1 (mm) = 4.9 ∠ 17° LS (mm) = 0.5, 2	D1 (mm) = 4.9 ∠ 30° LS (mm) = 0.5, 2

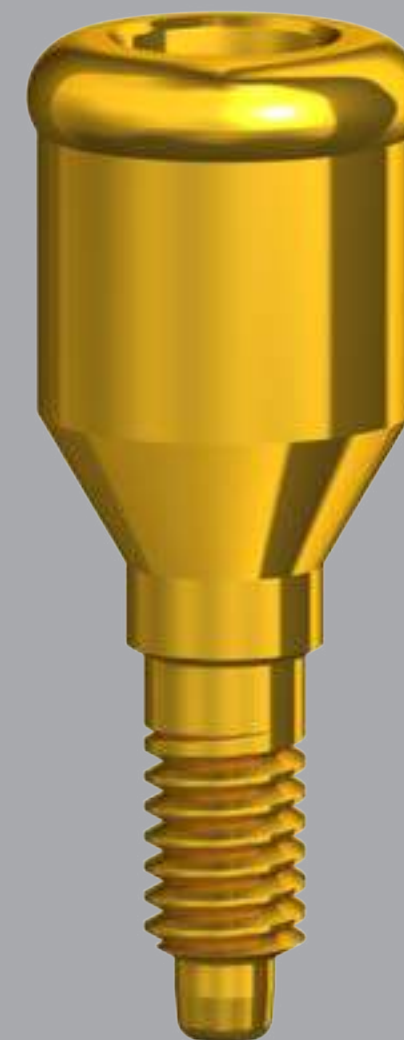


P64 angular adaptor includes P64e-3 screw.
P64 straight adaptor is provided with P14C-a Carrier and P14a screw.
P64 angular adaptor is provided with P64c Carrier.
P14C-aL is an optional long Carrier.

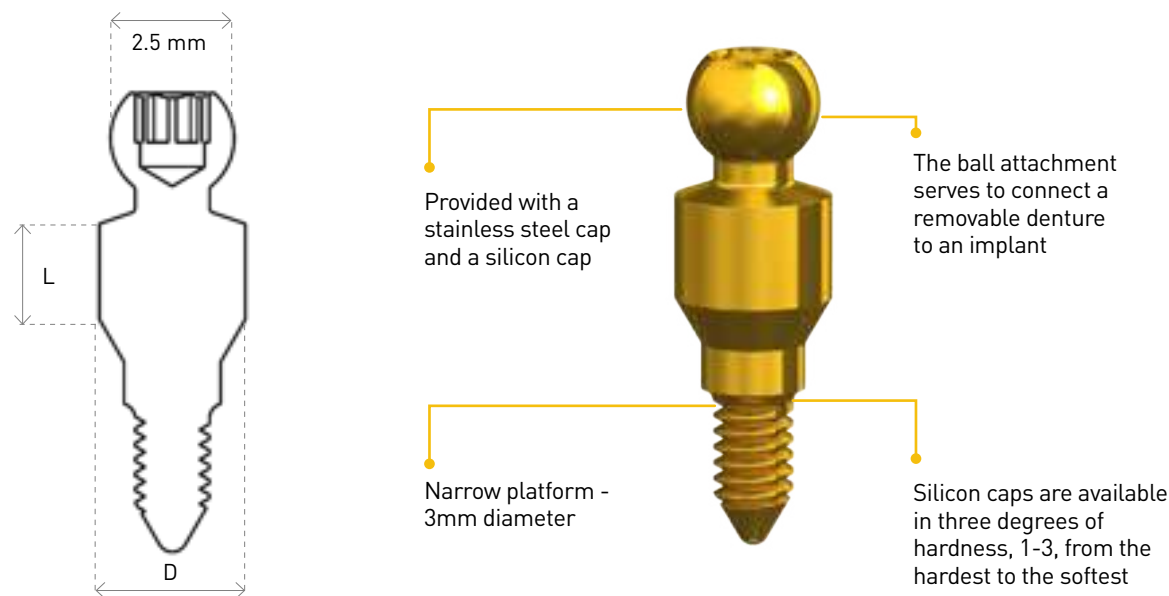


OVERDENTURE RESTORATION

NARROW PLATFORM



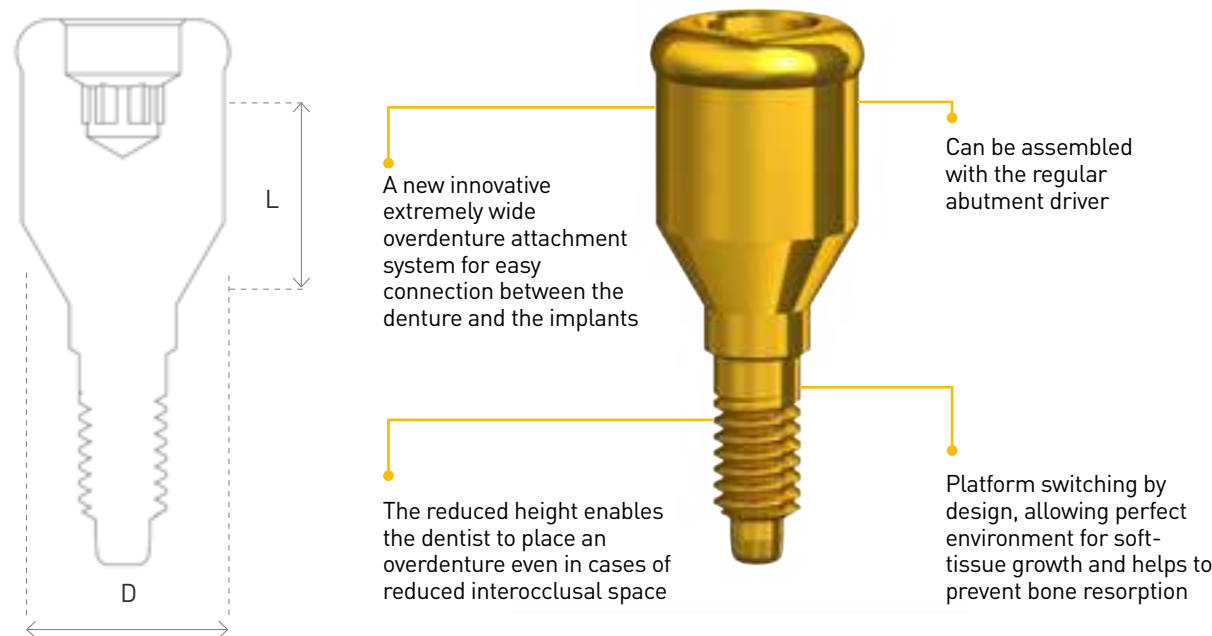
P5 BALL ATTACHMENT



P5	Related Parts	P5 Set
Ball Attachment Abutment (sold with transparent silicon cap)	Silicon caps are sold in pairs of the same color	Includes: P5 Ball Attachment + P5b Transparent + P5a Metal Cap
P5-3,1	P5b-1 Grey Hard Silicon Cap 	P5-3,1set
P5-3,2	P5b-2 Transparent Medium Silicon Cap 	P5-3,2set
P5-3,3	P5b-3 Pink Soft Silicon Cap 	P5-3,3set
P5-3,4	P5b-4 Black Silicon Cap for Lab 	P5-3,4set
P5-3,5	P5a Metal Cap 	
P5-3,6	P5d Protective Disk 	
D1 (mm) =3 L (mm) =1, 2, 3 4, 5, 6	D1 (mm) =4 L (mm) = 2.5	



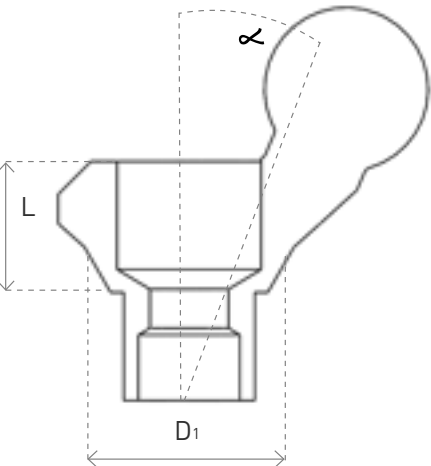
P25 AB LOC ATTACHMENT



P25	P25b/10set	P25b/20set	Related Parts
AB LOC (sold with transparent silicon cap)	Silicon Cap (sold as a set of 5)	Silicon Cap (sold as a set of 5)	
P25-3,0	Yellow Eextra soft 	Yellow Eextra soft 	P25a Metal Cap 
P25-3,1	Pink Soft 	Pink Soft 	P25d Protective Disk 
P25-3,2	Purple Strong 	Purple Strong 	
P25-3,3	Transparent Standard 	Transparent Standard 	
P25-3,4	Black For lab 	Black For lab 	
P25-3,5			
D1 (mm) = 3.9 L (mm) = 0.2, 1, 2, 3, 4, 5	D1 (mm) =4.6 L (mm) =1.7	D1 (mm) =4.6 L (mm) =1.7	

P5-20 ANGULAR BALL ATTACHMENT 20°

ISSUED PATENT!



Provides multiple solutions for difficulties in affixing and removing over dentures, side pressures from other teeth/implants, prevents wear of ball attachment

Enables adjustment of the angle at which the implant is positioned

Narrow platform - 3mm diameter

Excellent solution for non-parallel implants, even at extreme angles, for accurate joints on over denture implants

Issued Patent by AB Dental

Multi-optional angular ball attachment, designed to connect a denture on tilted implants

P5-20	Related Parts	P5 Set
Angular ball Attachment 20° (sold with transparent silicon cap)	Silicon caps are sold in pairs of the same color	Includes: P5 Ball Attachment + P5b Transparent + P5a Metal Cap
P5-3,20-1.5	P5b-1 Grey Hard Silicon Cap	P5-3,20-1.5set
P5-3,20-3	P5b-2 Transparent Medium Silicon Cap	P5-3,20-3set
P5-3,20-4	P5b-3 Pink Soft Silicon Cap	P5-3,20-4set
P5-3,20-5	P5b-4 Black Silicon Cap for Lab	P5-3,20-5set
	P5a Metal Cap	
	P5d Protective Disk	
D1 (mm) =4 ∠ 20° L (mm) =1.5, 3, 4, 5	D1 (mm) =4 L (mm) =2.5	

P5-20 attachment Includes P5-20a screw and silicon cap.



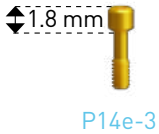
P5\P25 ANGULAR BASE ATTACHMENT

Angular adaptors bases with a combination of ball attachments and AB LOC attachments

P14base-17	P14base-30	P5-P14	P25-P14
Base for angular adaptor	Base for angular adaptor	Ball for angular adaptor	AB LOC for Angular Adaptor
P14base-3,17-1	P14base-3,30-1	P5-P14,1	P25-P14,1
P14base-3,17-3	P14base-3,30-3	P5-P14,2	P25-P14,2
D1 (mm) = 4.4 ∠ 17° LS (mm) = 1.35, 3.75	D1 (mm) = 4.4 ∠ 30° LS (mm) = 1.5, 3	D1 (mm) = 4.4 L (mm) = 12	D1 (mm) = 4.4 L (mm) = 1,2



P14 base is available with P14e screw.



BONE GRAFTS & ACCESSORIES



AB BIO MATERIAL BIOFILL-H *

Bone Grafts and Tissues from Human Source



MINERALIZED CORTICAL GRANULES

Provides a comprehensive solution for temporary and permanent restoration while retaining maximum precision.

Cat. No.	Description	Size
AB1001	0.212-0.85 mm	1cc
AB6001	0.5-1.0 mm	1cc
AB6005	0.5-1.0 mm	5cc



DBM-DEMINERALIZED BONE MATRIX

READY TO USE NO REHYDRATION OR MIXING

Bone Graft - putty texture. Consists of 93% demineralized bone and 7% Hyaluronic acid. Comes in a variety of volumes.

Cat. No.	Description	Size
AB3010	DBM PUTTY 0.212-0.85 mm	1cc
AB3025	DBM PUTTY 0.212-0.85 mm	2.5cc



* These products do not bear a CE symbol because they are medicinal products under the scope of medicinal product act.

AB BIO MATERIAL BIOFILL-B

BIOFILL-B is a natural bovine cancellous bone substitute. New Gold Standard in Xenograft, CE1023, ISO 13485, FDA certificates.



CE 1434

INDICATIONS

- 1. Bone regeneration and augmentation
- 2. Alveolar ridge defect
- 3. Extraction defect
- 4. Sinus augmentation
- 5. Periodontal defect

BIOFILL-B is made from 100% cancellous bone without any cortical portion. Innovative pulverizing technique allows multiparous structure, maximizing blood vessel ingrowth. Average BIOFILL-B pore size is more than three times of other world leading product. Osteoconductive surface. Octacalcium phosphate crystal resulting fast bone formation. Store at the temperature range 4-30°C.

MANUFACTURING

- 1. Safety of raw material.
- 2. BIOFILL-B passed Virus inactivation test, Toxicity test, Biocompatibility test and Gamma sterilization.
- 3. Manufacturing Technique of Multiporosity.
- 4. Size of the cancellous bone: 0.5-1.2mm 1.2-1.7mm

Cat. No.	Description
BioFill-B-0.5g-l	BioFill-B-0.5g, 1-2 mm Granules
BioFill-B-0.5g-s	BioFill-B-0.5g, 0.5-1 mm Granule
BioFill-B-2g-l	BioFill-B-2g, 1-2 mm Granules
BioFill-B-2g-s	BioFill-B-2g, 0.5-1 mm Granule

Bone Graft Biology



Angiogenic structure
Gold Standard
Multiporosity

Biopsy Results



3 Months biopsy findings



4 months biopsy result



4 Months biopsy

AB BIO MATERIAL BIOFILL-S

BIOFILL-S is a porous synthetic ceramic, containing 99.9% beta tricalcium phosphate (β -TCP), designed for the filling of bone voids or defects, and is available in several geometries (granules, blocks, cylinders and wedges).

BIOFILL-S macroporosity and porous interconnectivity allows an excellent osseointegration, as well as a total vascularization of the implant with an excellent mechanical resistance.

BIOFILL-S is highly bioactive, stimulating the proliferation and differentiation of osteoblasts, allowing a total replacement by new vital bone during the healing process, within 1-6 months.

Its osteoconductive structure combined with its high hydrophilic promotes the suffusion of biological fluids.

BIOFILL-S is Radiopaque, allowing the perfect monitorization of osseointegration. Due to his high hydrophilic profile the particles present high cohesivity, conserving the volume of the initial cavity.

INDICATIONS

BIOFILL-S is intended to be used as a bone void filler or augmentation material for bone defects that are not intrinsic to the stability of the bony structure:

- 1. Sinus floor elevation
- 2. Alveolar filling or augmentation
- 3. Alveolar regeneration
- 4. Filling of extraction cavities
- 5. Reconstruction of tumor void and cysts defects

Excellent mechanical resistant | Excellent malleability | Excellent bioactivity

Cat. No.	Description
BioFill-S-0.5g-s	BioFill-S-0.5g, 0.5-1 mm Granules (5 Unit pack)
BioFill-S-1g-s	BioFill-S-1g, 0.5-1 mm Granules (5 Unit pack)

BONE VOID FILLER



CE 0120

BIOSEAL-C ABSORBABLE COLLAGEN MEMBRANE

BioSeal-C Absorbable Collagen Membrane, for successful Guided Bone Regeneration (GBR) and Guided Tissue Regeneration (GTR).

ADVANTAGES

- + Excellent tensile strength
- + Excellent tear resistance
- + Fast hydration
- + Adapts to various defects - easy to shape and adapt to the osseous defects
- + Prolonged barrier function - biodegradable period, more than 3 months
- + Assists fast blood supply to the defect - through high porosity and special surface area, for optimal regeneration of bone and soft tissue
- + Lower incidence of soft tissue dehiscence - due to natural collagen structure
- + High suture pullout strength

CLINICAL INDICATIONS

GTR procedures

GBR procedures such as:

- + Extraction socket grafting
- + Site preparation for implant
- + Preservation of the alveolar ridge
- + Fenestration defect
- + Sinus floor augmentation over the lateral window and Schneiderian membrane repairs

Cat. No.	Size
CM-1.5x2	15mm X 20mm
CM-2x3	20mm X 30mm
CM-3x4	30mm X 40mm



TLJ TRANSPARENT LOWER JAWS

Transparent plastic model of the lower jaw,
illustrating implants and rehabilitation components.



ABPhysio/ABPhysio-light MOTOR

SYSTEM FOR IMPLANTOLOGY



20:1 CONTRA
ANGLE



20:1 LED CONTRA ANGLE



CE 0197

New AB Dental MD 11 Motor System for Implantology with sophisticated motor control, for smooth and precise power delivery - any speed range.

- + Motor speed range of 300 – 40,000 rpm.
- + 70 Ncm of maximum torque at 20:1 Contra Angle with graphical, real time torque control on display - (with or without LED - optional) with internal/external cooling system.
- + Sturdy, high quality finish.
- + Integrated pump system for cooling to prevent tissue damage.

New AB Dental MD 11 Motor System for Implantology with sophisticated motor control, for smooth and precise power delivery - any speed range.

- + Motor speed range of 300 – 40,000 rpm.
- + 70 Ncm of maximum torque at 20:1 Contra Angle with graphical, real time torque control on display - (with or without LED - optional) with internal/external cooling system.
- + Sturdy, high quality finish.
- + Integrated pump system for cooling to prevent tissue damage.

The new AB Dental MD 11 Motor System, is developed with the intention to put extra smoothness into your hands. electronic motor and sophisticated motor control are key players in this product.

This reflects new design with smooth edges for easy cleaning and a display that gives you all the information at a glance. Single function keys with haptic and audible feedback guarantee for accurate device setup.

Inserting and changing tube sets is carried out effortlessly by a front access push button and tube compartment. The tube bracket swings out and stays in plain sight while the tube set is positioned between the two notches of the bracket.

A broad variety of extensions and accessories is provided and can be added.

Included in delivery:

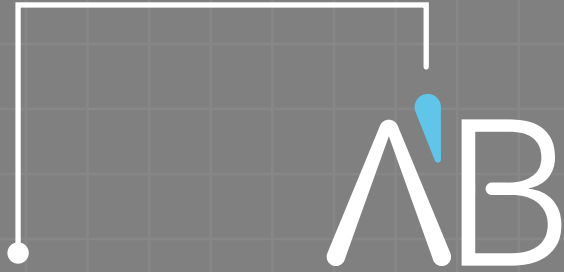
- + AB Dental MD 11 Control Unit
- + Electronic Vario Pedal
- + Electronic Motor
- + Sterile Tube Set, 2 m
- + Clip set for tube set mount
- + Stand for irrigation fluid
- + Handpiece cradle
- + User Manual MD 11 in
- + 5 languages on CD

2028 AB MD 11, brushless single motor system, 40,000 rpm consists of:

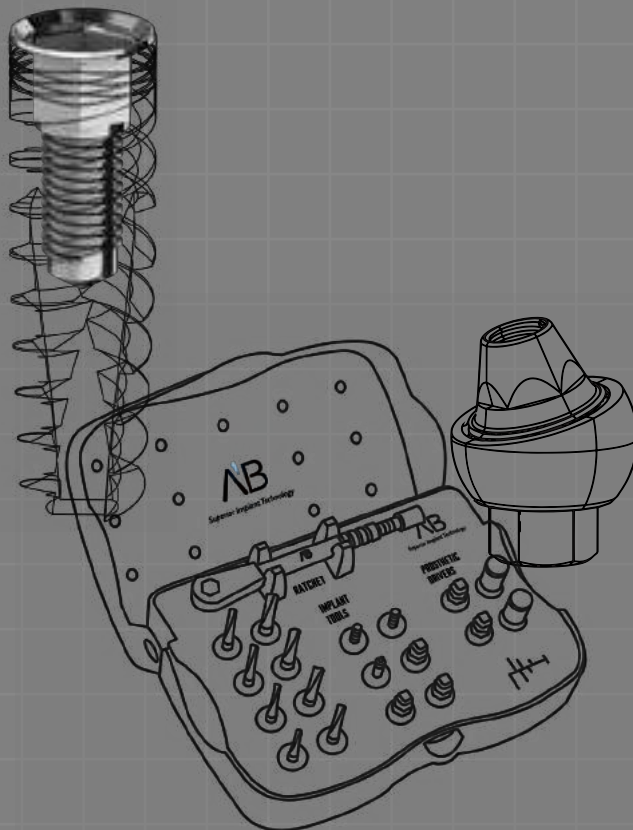
- + 1 x Control unit MD 11 (3335) with 1 micromotor socket, irrigation pump on the top surface of the housing, socket for Vario-pedal
- + 1 x Contra-angle 20:1 (with or without LED optional) with internal/external cooling system (5052)
- + 1 x Electronic motor 21, 40,000 rpm, with cable 2 m, autoclavable, metal plug (2097)
- + 1 x Vario-foot control IP 68 (1866), electronic, suitable for operating theatre
- + 1 x Single tubing set (1706), disposable, sterile, 2 m
- + 1 x Bottle holder (1770)
- + 2 x Spray nozzle attachment for NOU-CLEAN (1942 / 1958)
- + 1 x Cooling fluid flask NaCl 0.9 %, 1lt (1696)

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P0N-3.75,3	66	P3-3.75,15	74	P3S-PEEK-3,2	114	P4S-3.75,25-1	77	P5-3.75,2	100	P7a-1	94
P0N-3.75,4	66	P3-3.75,2,TI	85	P3S-PEEK-3,3	114	P4S-3.75,25-2	77	P5-3.75,20-1	100	P7a-2	94
P0N-3.75,5	66	P3-3.75,3,TI	85	P3S-PEEK-3.75,1	72	P4S-3.75,25-3	77	P5-3.75,20-1set	100	P7a-3	94
P0N-3.75,6	66	P3-3.75,5	74	P3S-PEEK-3.75,2	72	P4S-PEEK,15-1	73	P5-3.75,20-2	100	P7b	94
P0N-3.75,7	66	P3-3.75,7	74	P3S-PEEK-3.75,3	72	P4S-PEEK,15-2	73	P5-3.75,20-2set	100	P7b-H	94
P0W-3.75,2	66	P3-3.75,9	74	P3SW-3.75,1	75	P4S-PEEK,15-3	73	P5-3.75,20-3	100	P9HR-3,11	117
P0W-3.75,3	66	P3-3.75,sc	84	P3SW-3.75,2	75	P4S-PEEK,25-1	73	P5-3.75,20-3set	100	P9R-3,11	117
P0W-3.75,4	66	P3-3.75,TI	85	P3SW-3.75,3	75	P4S-PEEK,25-2	73	P5-3.75,20-4	100	P9G-3.75,11	78



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