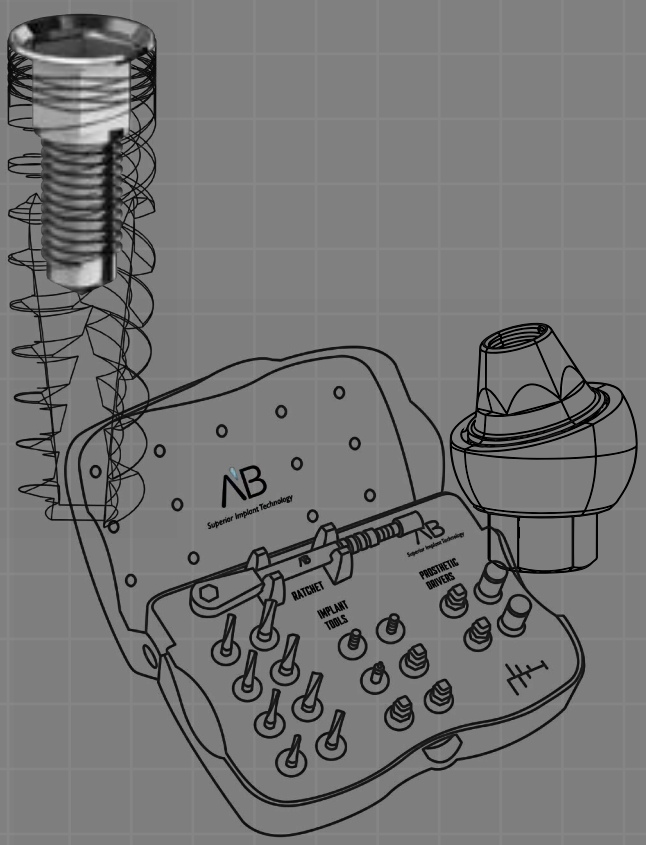
Superior Implant Technology

CATALOG

SUPERIOR IMPLANT TECHNOLOGY



CONTENT

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).

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

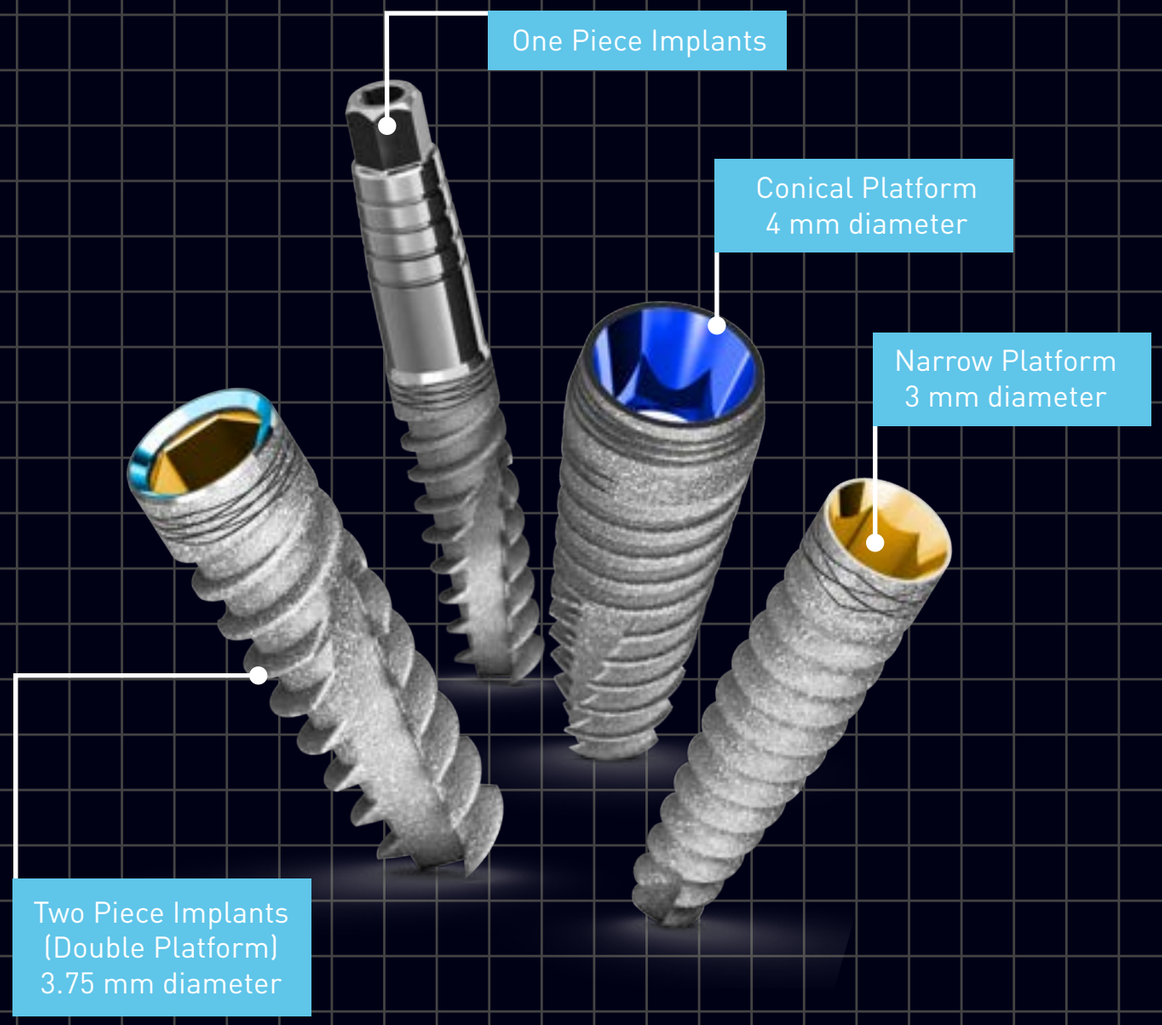
- Computerized implant planning
- 3D printing of surgical guides
- Custom individual implants using laser-sintering technology
- A wide range of implants, prosthetic parts, tools, accessories, CAD/CAM solutions and regenerative materials required for the dentist to perform an accurate and successful 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.

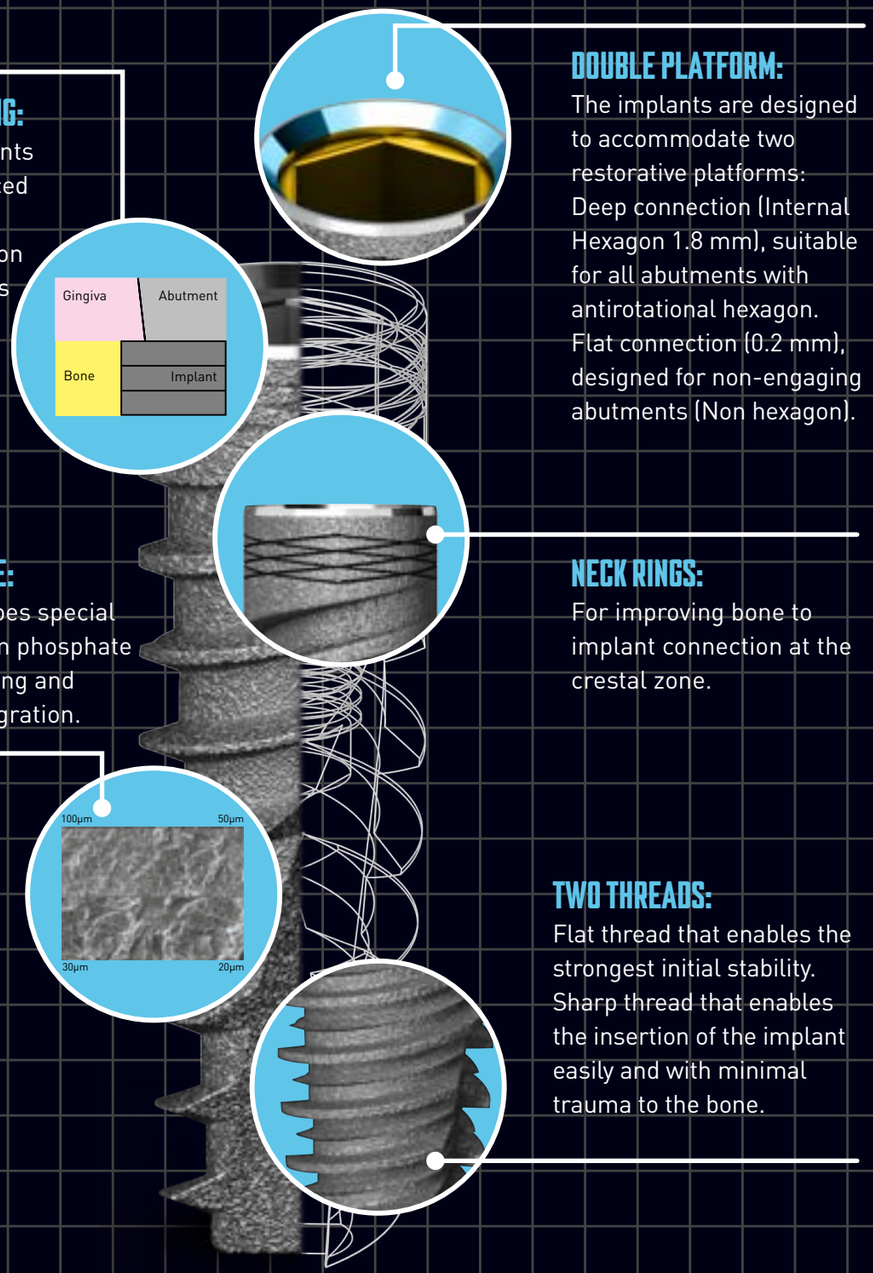
OUR DENTAL IMPLANTS ADVANTAGES



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.



DOUBLE PLATFORM:
The implants are designed to accommodate two restorative platforms:
Deep connection (Internal Hexagon 1.8 mm), suitable for all abutments with antirotational hexagon.
Flat connection (0.2 mm), designed for non-engaging abutments (Non hexagon).

NECK RINGS:
For improving bone to implant connection at the crestal zone.

TWO THREADS:
Flat thread that enables the strongest initial stability.
Sharp thread that enables the insertion of the implant easily and with minimal trauma to the bone.

IMPLANTOLOGY

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, Wennerberg 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.

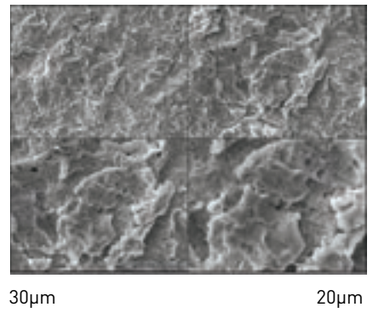


Figure 2:
Representative three-dimensional topographical reconstruction showing texturization at the micrometer and the nanometer level.

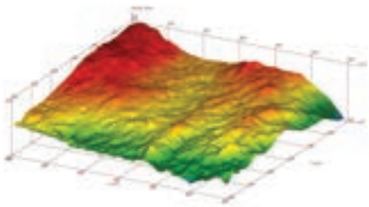
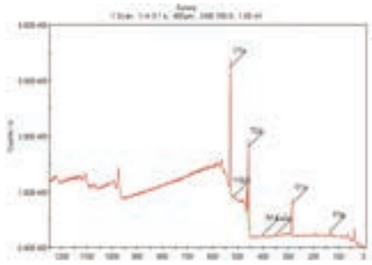
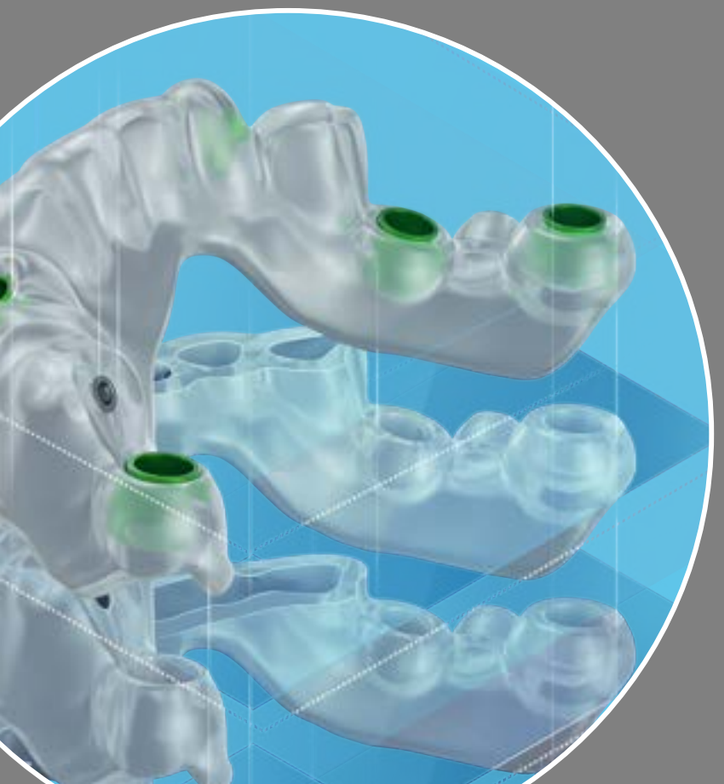


Figure 3:
Surface specific spectroscopy detecting only the elements of the implant with no contamination.

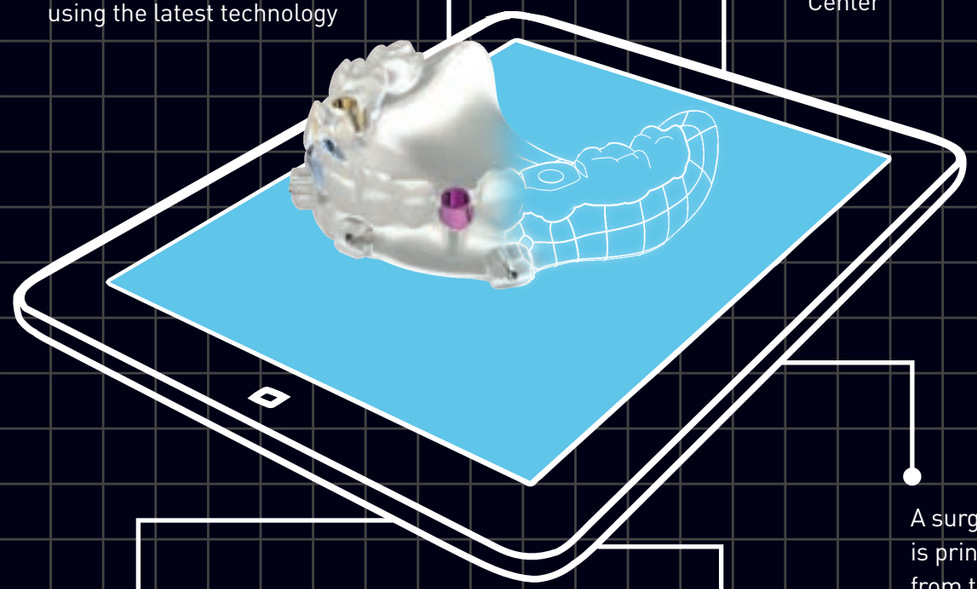


ABGUIDEDSERVICE



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

ABGUIDEDSERVICE

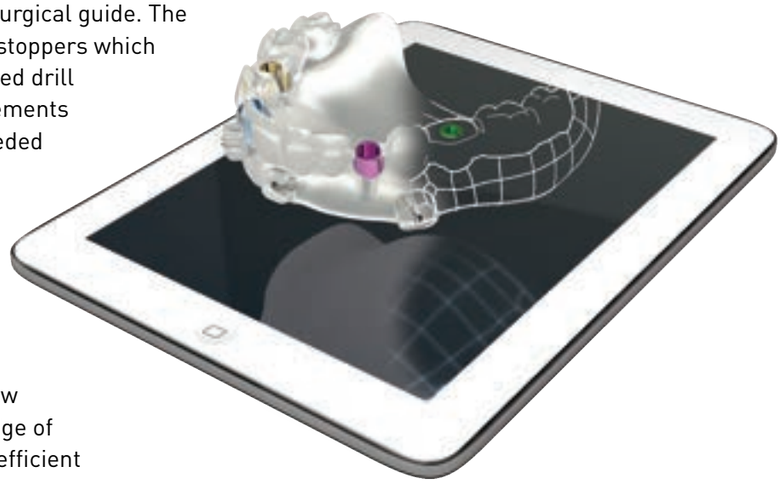
GENERAL INFORMATION

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.

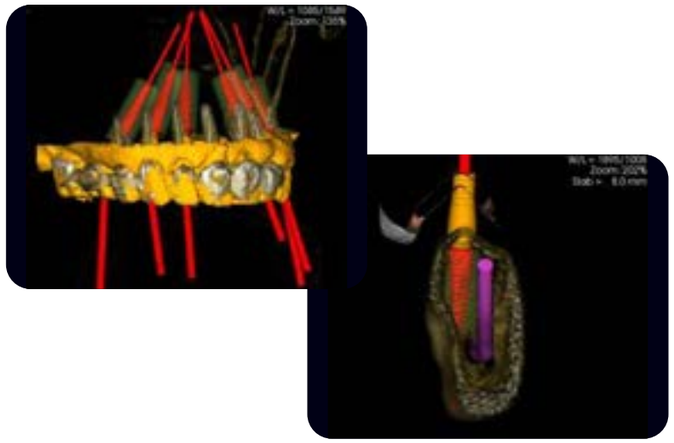


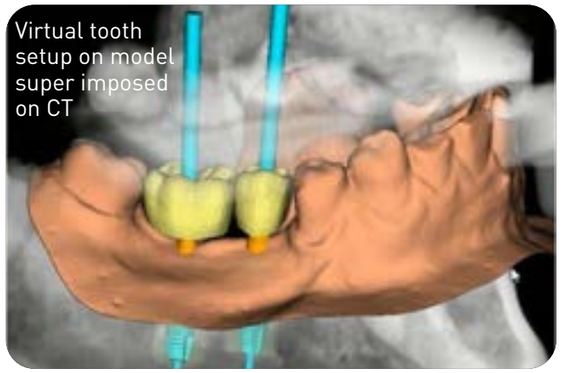
The surgery takes less time, and both you and your patient are more relaxed.
This technology will allow you to use your knowledge of implantology in a more efficient and safer way.

ORDER ONLINE

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





ABGUIDEDSERVICE

ALL CASES

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

ABGUIDES CAN BE:

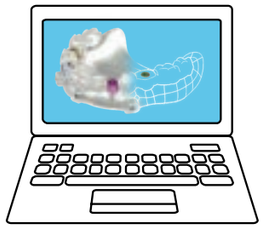
- Tooth supported
- Tooth and Soft tissue supported [free end]
- Soft tissue supported [edentulous]
- Bone supported
- Tooth and Bone supported

ABGUIDED DRILL KIT

STEP BY STEP

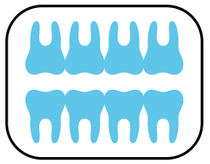
1

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



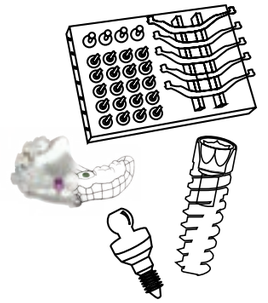
2

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



3

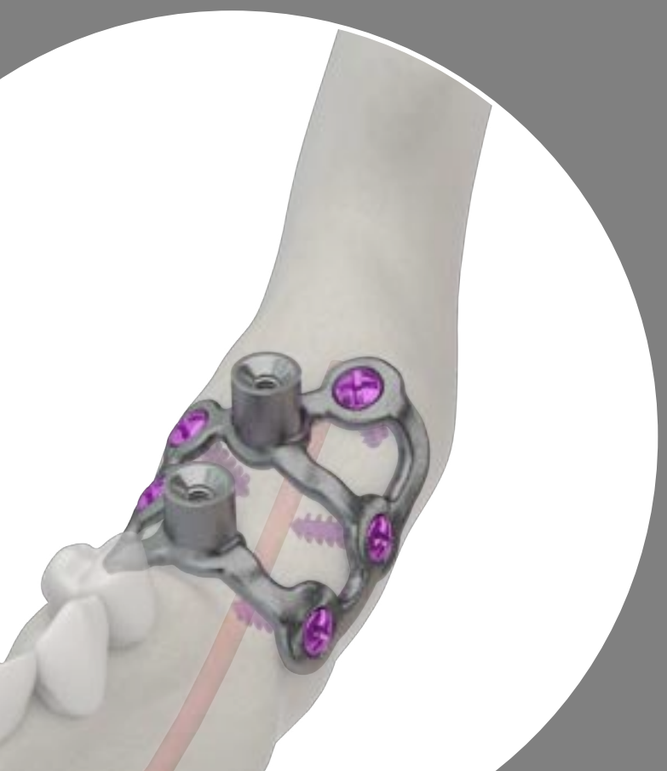
Implant surgery with ABGuide, A.B. implants and prosthetic parts and ABGuided drill kit. The implants and parts are provided for each case.

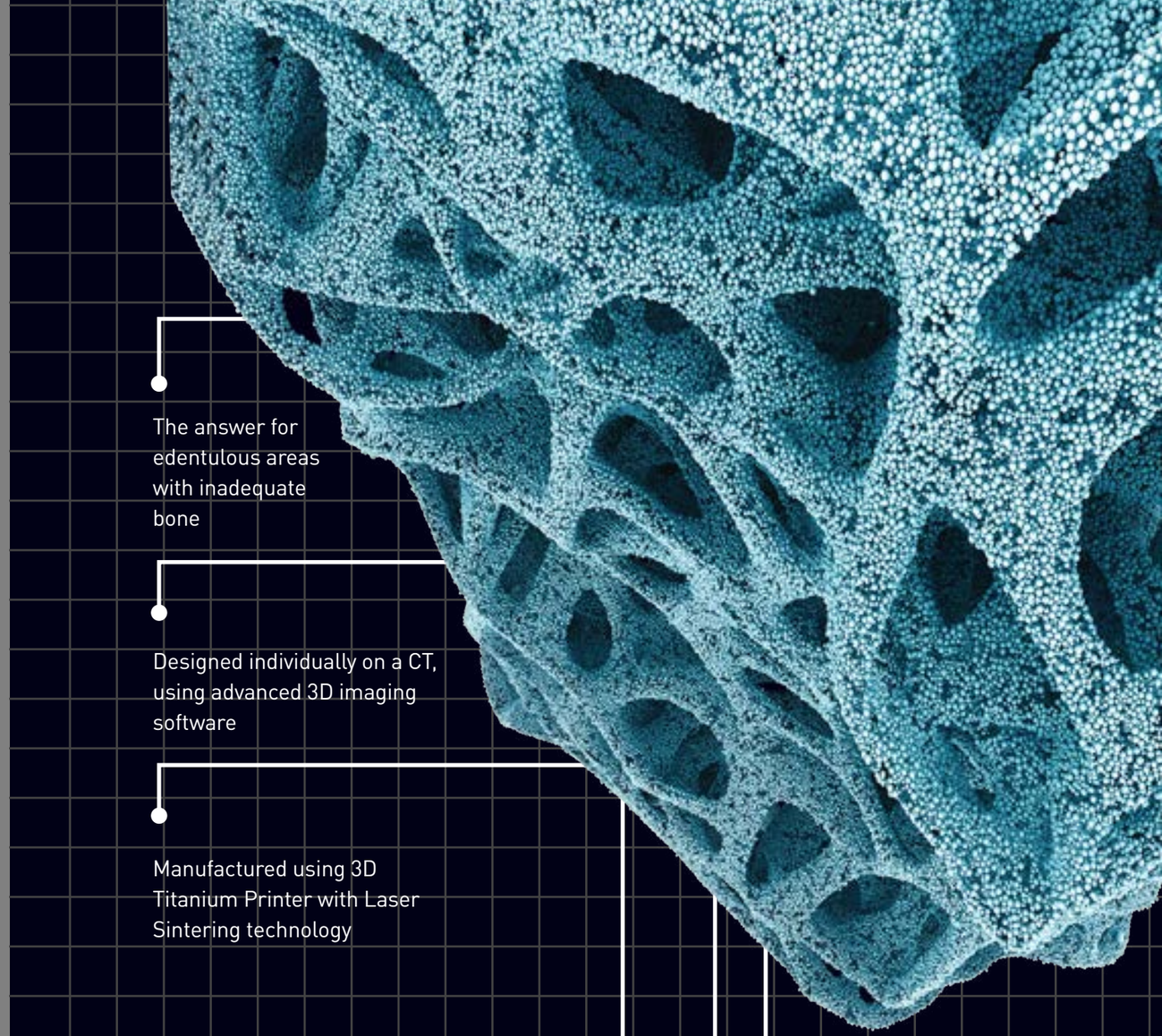


OPTION:
MODELS WITH ANALOGS & TEMPORARY RESTORATIONS

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

CUSTOM INDIVIDUAL IMPLANTS

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.

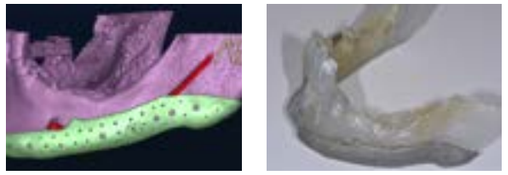
GENERAL INFORMATION

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.

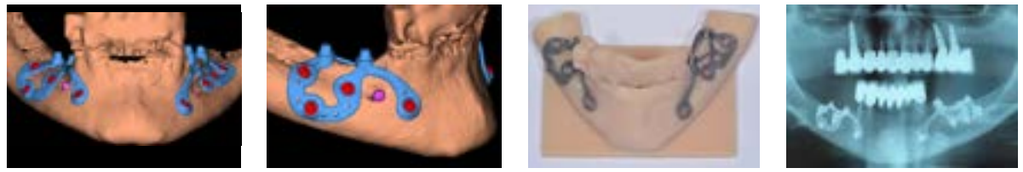
JAW RESTORATION

INDIVIDUALLY DESIGNED SPLINTING APPLIANCE

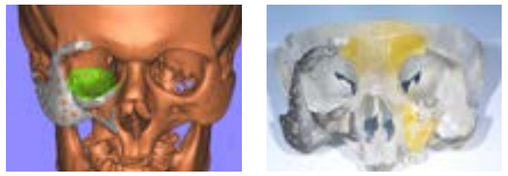


INDIVIDUALLY DESIGNED SUB-PERIOSTEAL IMPLANTS - FULL MANDIBLE

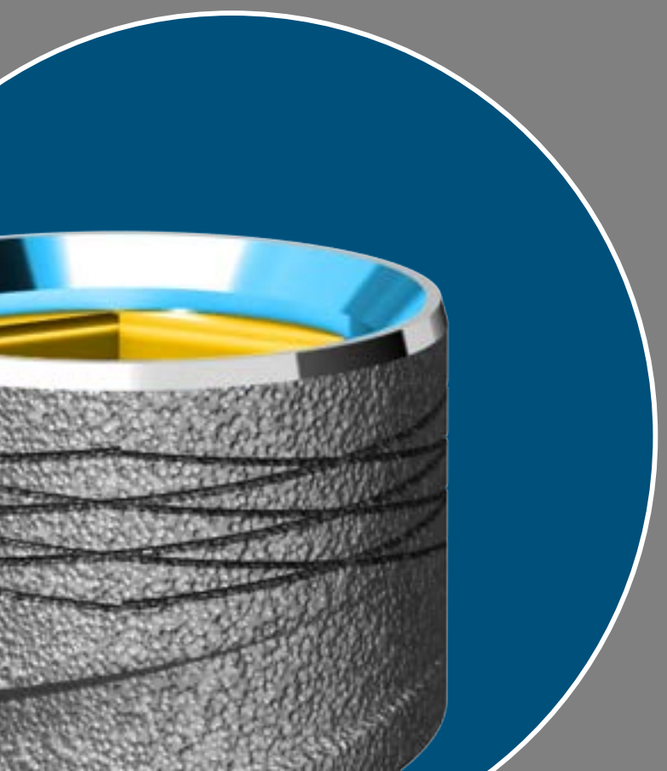
INDIVIDUALLY DESIGNED BILATERAL SUB-PERIOSTEAL IMPLANT



CRANIAL RECONSTRUCTION



DENTAL IMPLANTS



1000S

1000S of dentists who work with our implants

1 unique biological surface

1

10S

10S of sizes and diameters for each kind of implant

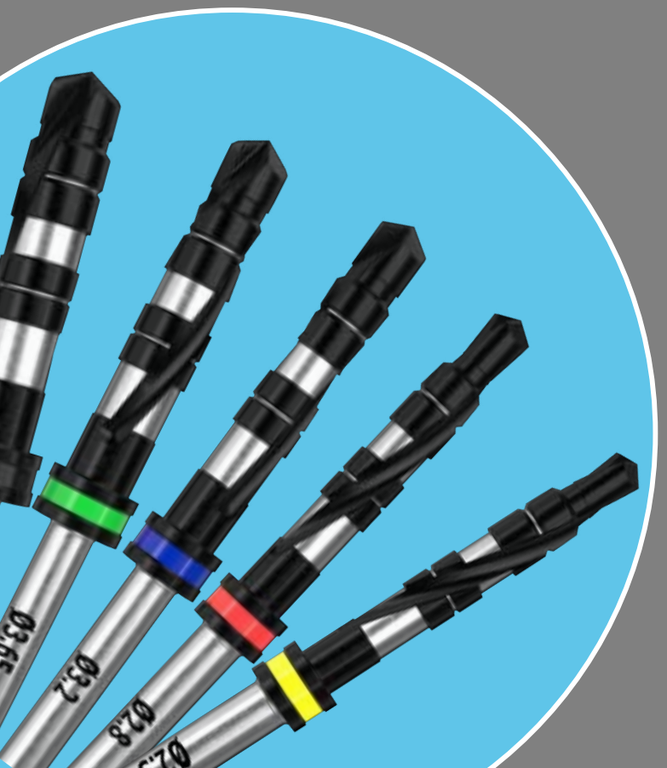
4

8 different kinds of implants

8

4 platforms of implants (double platform, narrow, conical and one piece)

IMPLANT DRILL PROTOCOL



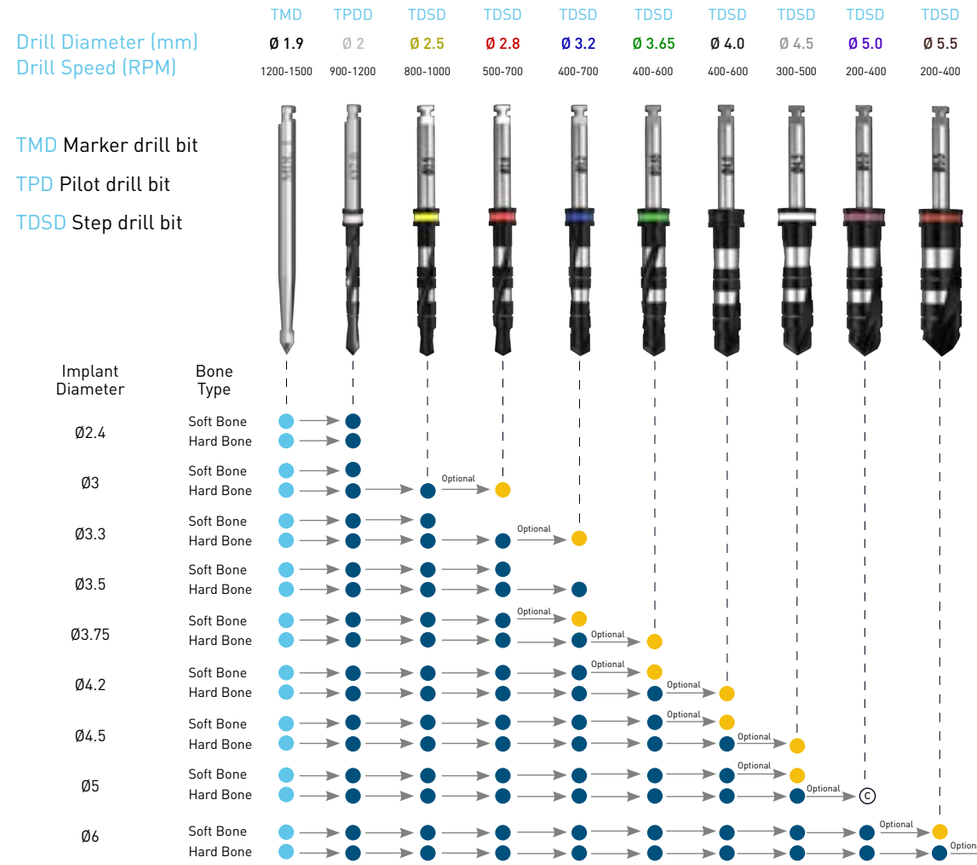
IMPLANT DRILL PROTOCOL

RECOMMENDED STEP DRILL PROTOCOL

TMD Marker drill bit

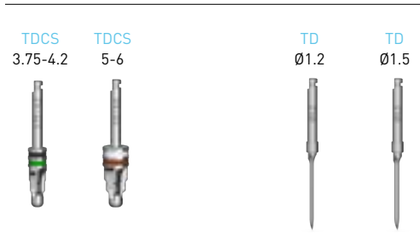
TPD Pilot drill bit

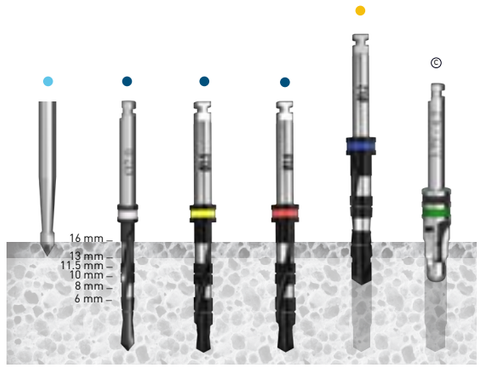
TDSD Step drill bit



- Mark drill site
- Drill throughout entire implant's length
- Drill through cortical plate **in case needed**
- Ⓒ Drill through cortical plate with Counter Sink drill **in case needed**

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.

IMPLANT DRILL PROTOCOL

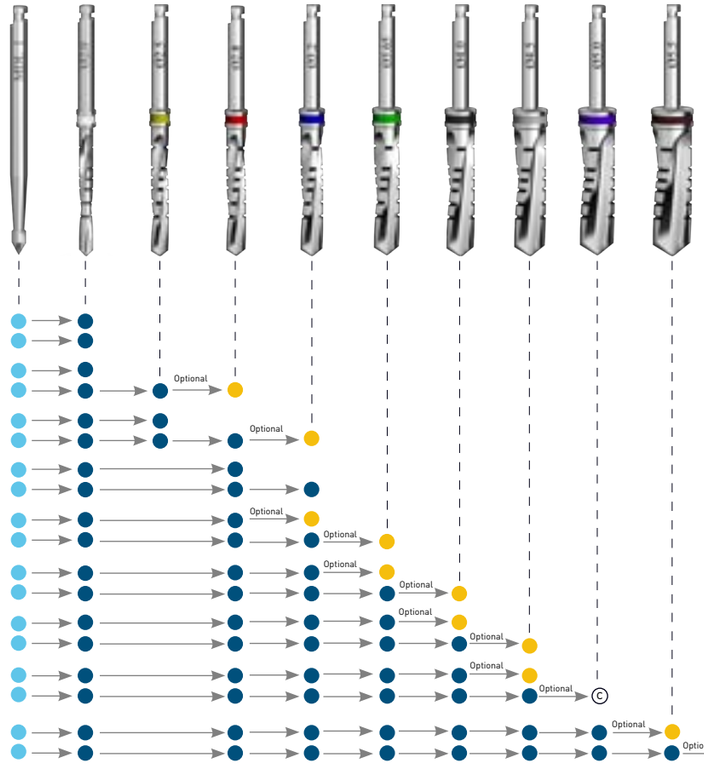
RECOMMENDED STRAIGHT DRILL PROTOCOL

	TMD	TPD	TD	TD	TD	TD	TD	TD	TD	TD
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	Ø 5.5
Drill Speed (RPM)	1200-1500	900-1200	800-1000	500-700	400-700	400-600	400-600	300-500	200-400	200-400

TMD Marker drill bit

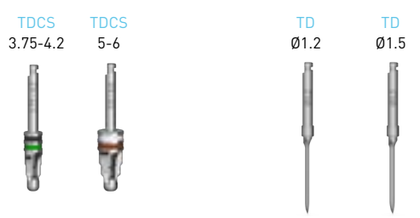
TPD Pilot drill bit

TD Straight drill bit



- Mark drill site
- Drill throughout entire implant's length
- Drill through cortical plate **in case needed**
- © Drill through cortical plate with Counter Sink drill **in case needed**

OPTIONAL DRILLS



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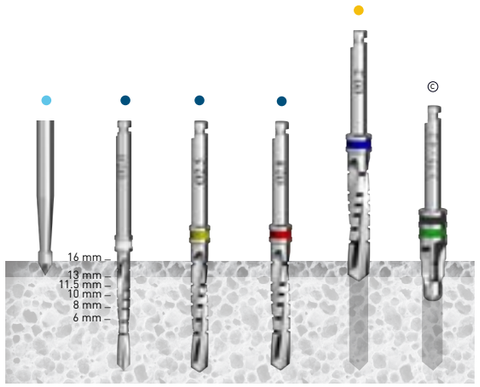
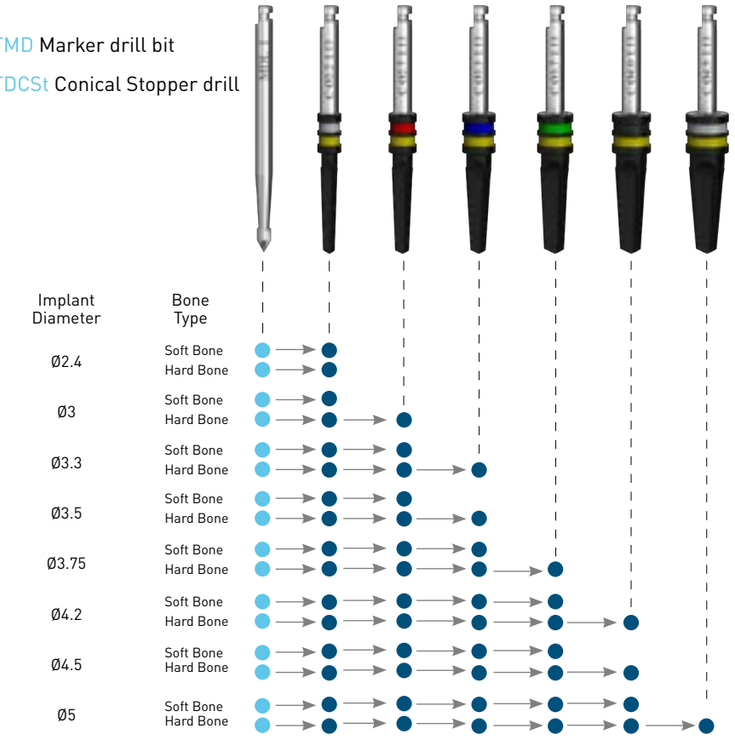


RECOMMENDED CONICAL STOPPER DRILL PROTOCOL

	TMD	TDCSt	TDCSt	TDCSt	TDCSt	TDCSt	TDCSt
Drill Diameter (mm)	Ø 1.9	Ø 2.2	Ø 2.7	Ø 3.3	Ø 3.7	Ø 4.0	Ø 4.5
Drill Speed (RPM)	1200-1500	800-1000	500-700	400-700	400-600	400-600	300-500

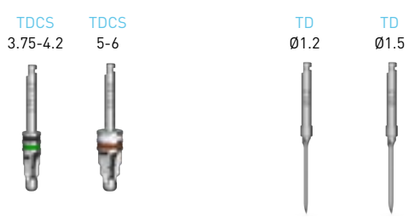
TMD Marker drill bit

TDCSt Conical Stopper drill



- Mark drill site
- Drill throughout entire implant's length

OPTIONAL DRILLS



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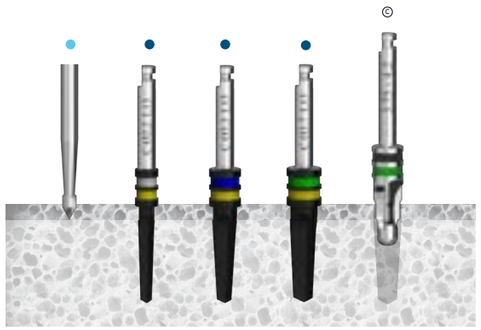
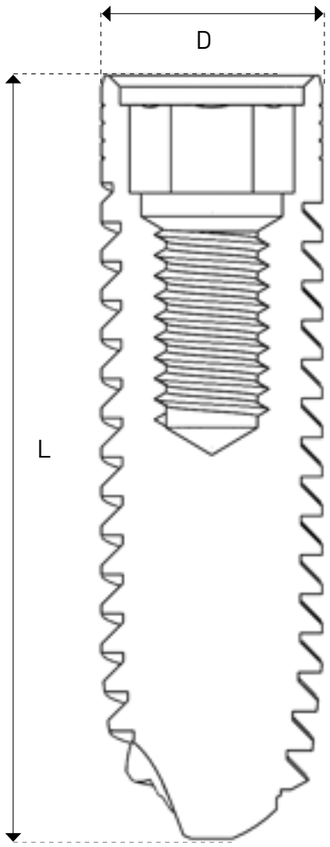
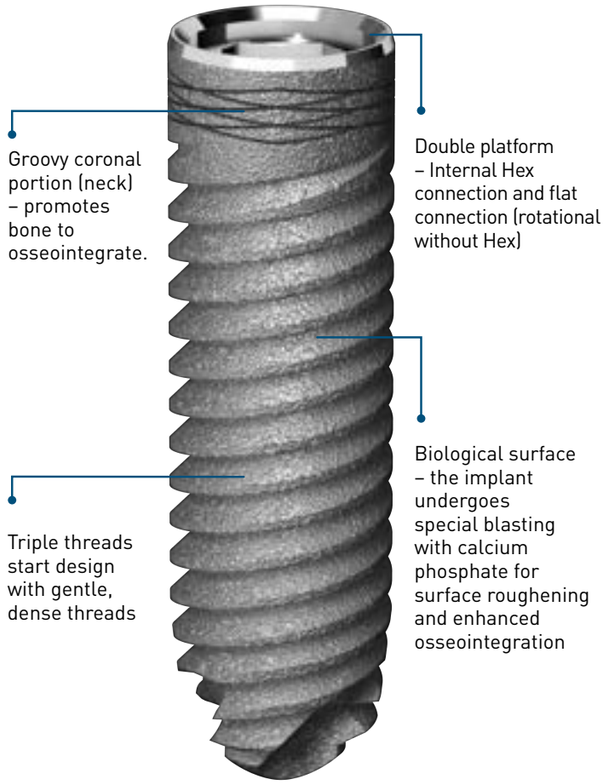


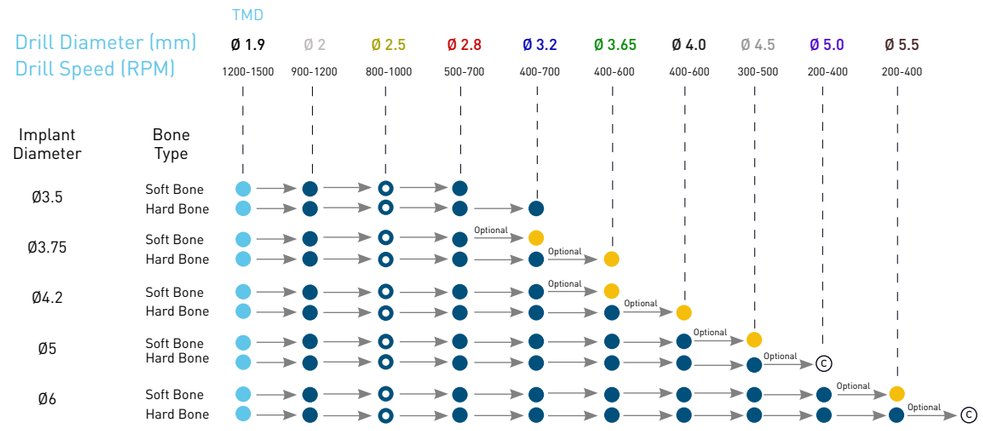
I2 SCREW TYPE IMPLANT





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



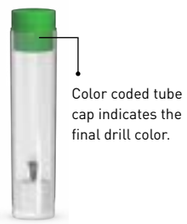
- Mark drill site
- Drill throughout entire implant's length
- Optional – In case TDSD step drill is used
- Drill through cortical plate **in case needed**

Ⓒ Drill through cortical plate with Counter Sink drill **in case needed**

PACKAGE CONTENT

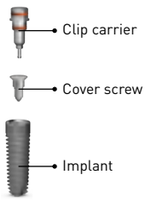
AB Dental Implants can be provided in a package with or without an implant carrier.

WITH CARRIER



External tube

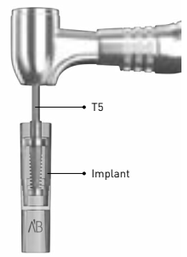
Internal Tube



Components

WITHOUT CARRIER

Inside tube



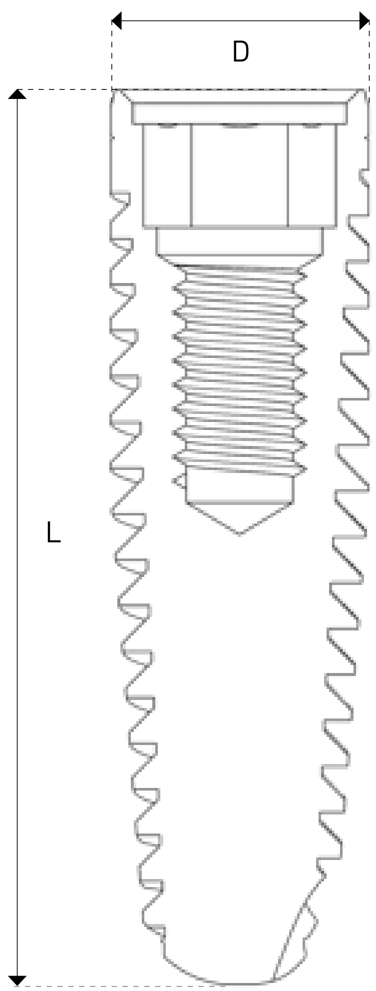
Components

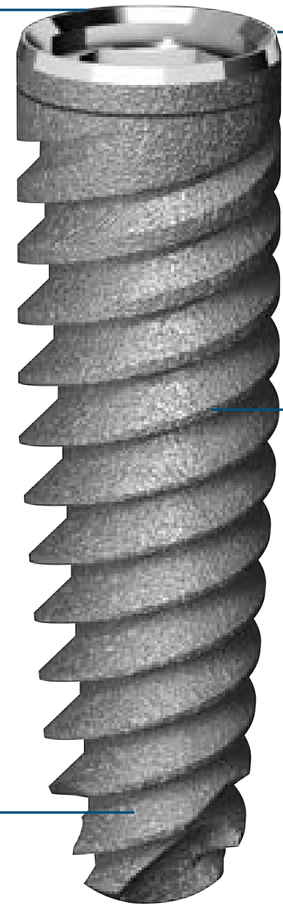
OPTIONAL DRILLS

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.

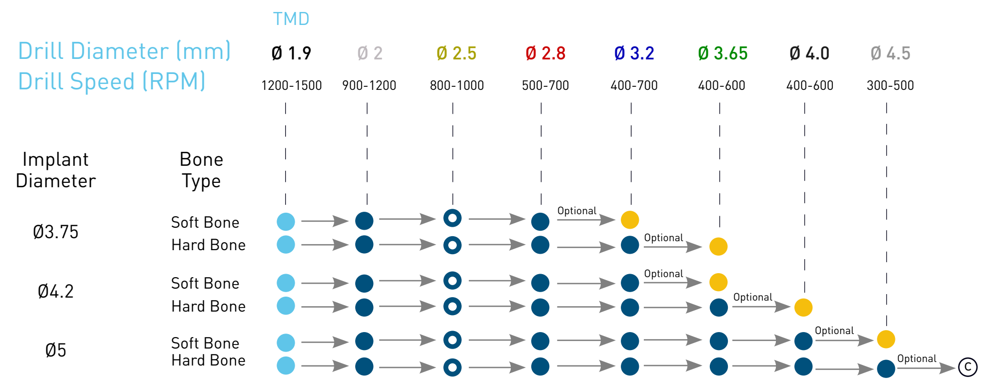
I22 SCREW TYPE IMPLANT





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	● (dark blue)	Both
I22	4.2	Standard	8, 10, 11.5, 13, 16	● (green)	Both
I22	5	Standard	8, 10, 11.5	○ (white)	Both

RECOMMENDED DRILL PROTOCOL FOR STRAIGHT OR STEP DRILLS

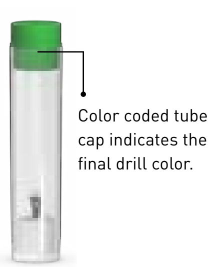


- Mark drill site
- Drill throughout entire implant's length
- Optional – In case TDSD step drill is used
- Drill through cortical plate **in case needed**
- Ⓒ Drill through cortical plate with Counter Sink drill **in case needed**

PACKAGE CONTENT

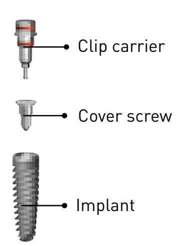
AB Dental Implants can be provided in a package with or without an implant carrier.

WITH CARRIER



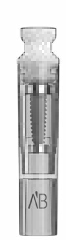
External Tube

Internal Tube

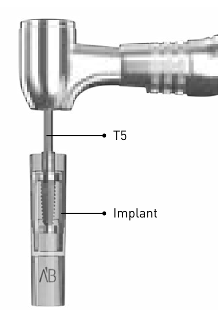


Components

WITHOUT CARRIER

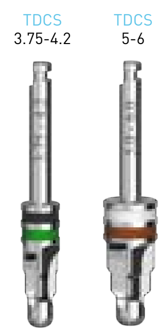


Internal Tube



Components

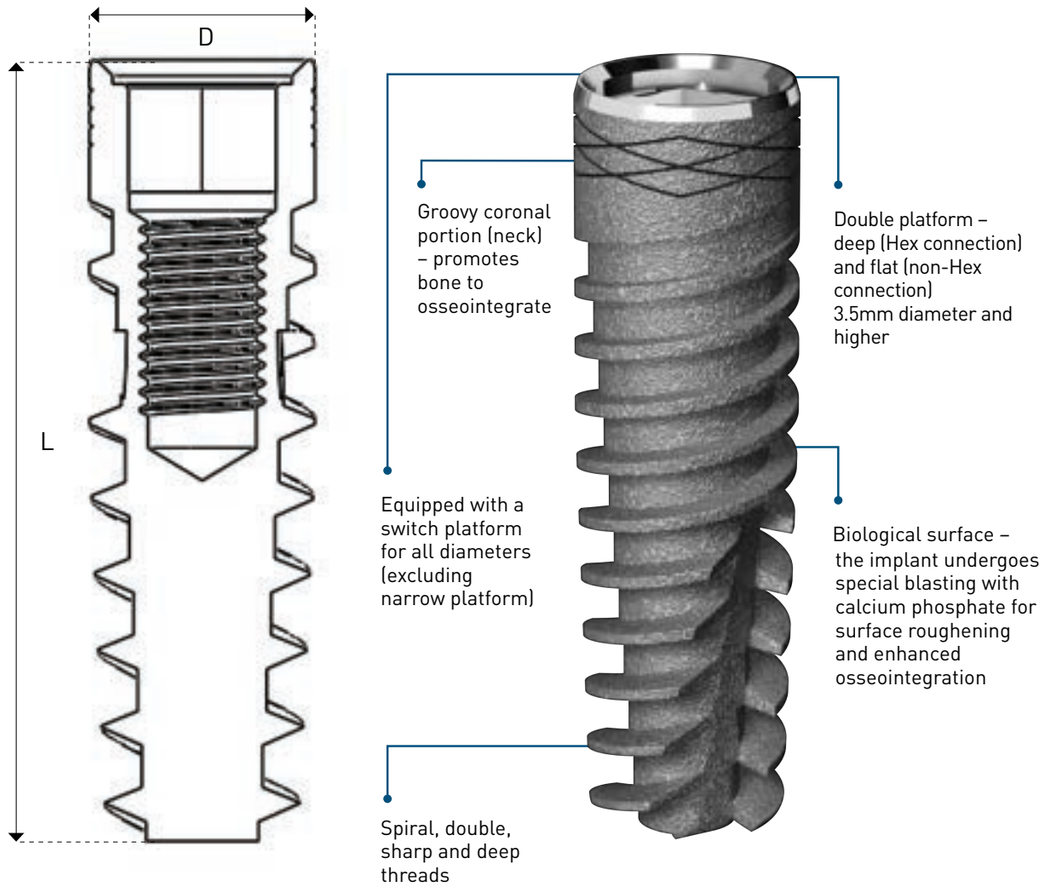
OPTIONAL DRILLS



Final drills for cortical dense bone as required.

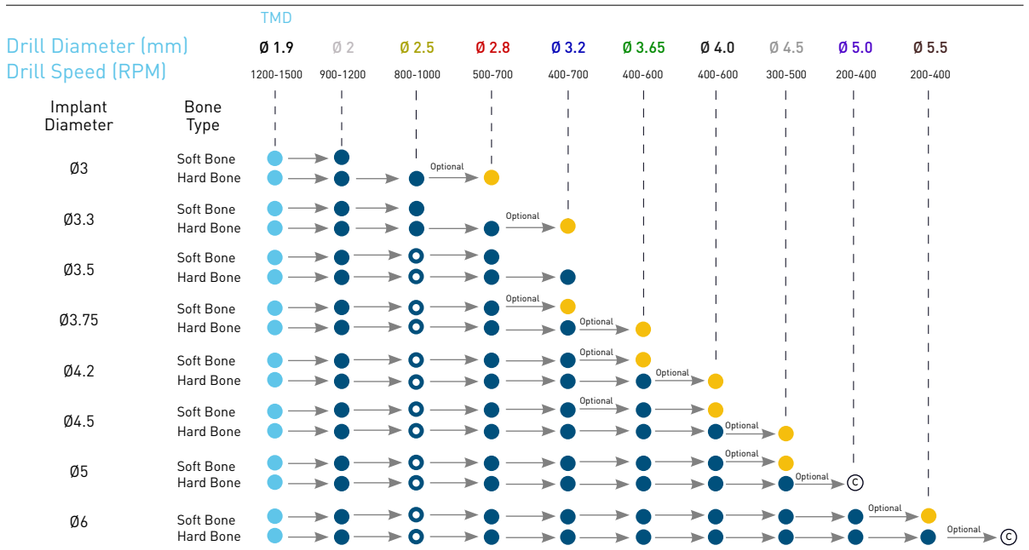
Procedure recommended by AB Dental should not replace the dentist/surgeon's judgment and experience. Final drill color (for hard bone) should correspond to Implant's Tube Cap color.

I5 CONICAL IMPLANT



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

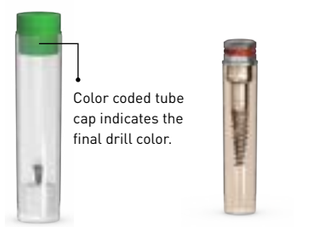


- Mark drill site
- Drill throughout entire implant's length
- Optional – In case TDSD step drill is used
- Drill through cortical plate **in case needed**
- Ⓒ Drill through cortical plate with Counter Sink drill **in case needed**

PACKAGE CONTENT

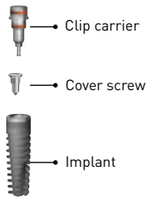
AB Dental Implants can be provided in a package with or without an implant carrier.

WITH CARRIER



External Tube

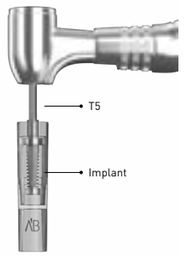
Inside tube



Components

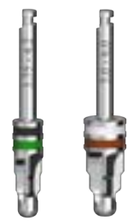
WITHOUT CARRIER

Inside tube



Components

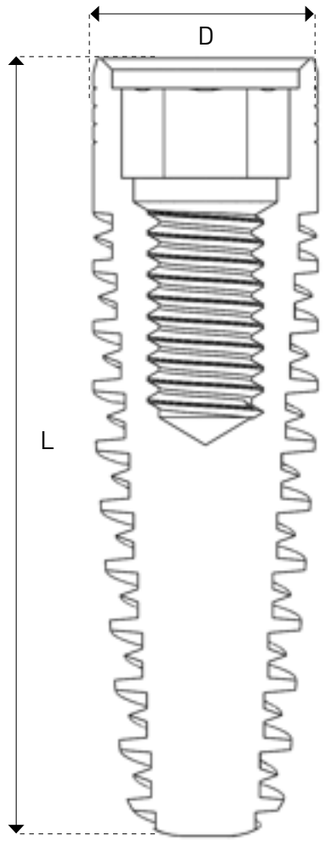
OPTIONAL DRILLS

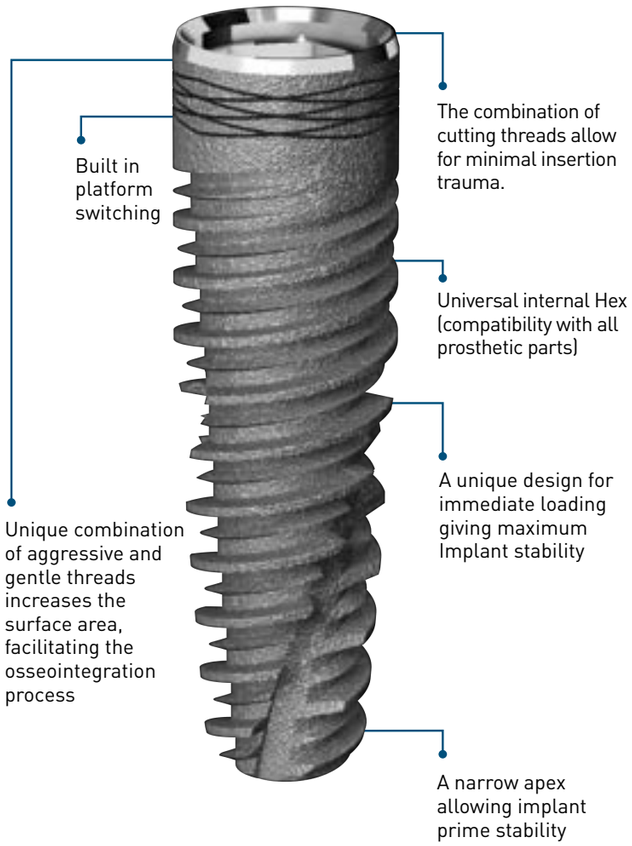


Final drills for cortical dense bone as required.

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.

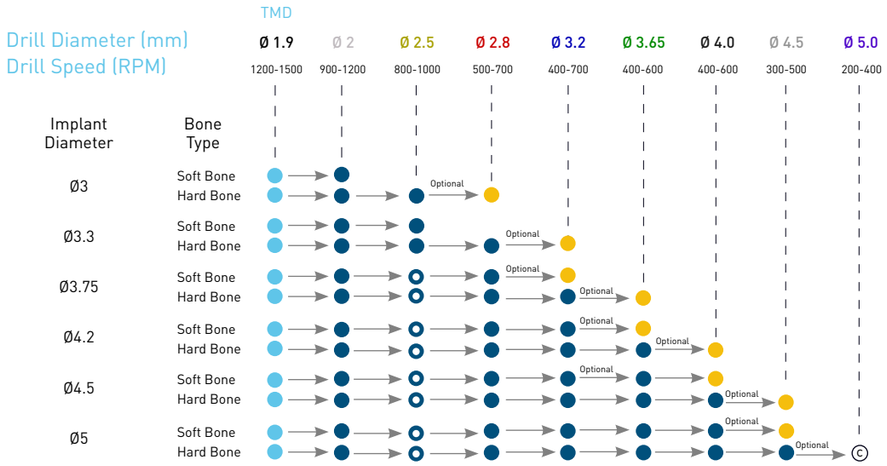
I55 CONICAL IMPLANT





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

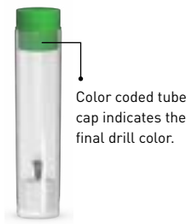


- Mark drill site
- Drill throughout entire implant's length
- Optional – In case TDSD step drill is used
- Drill through cortical plate **in case needed**
- Ⓒ Drill through cortical plate with Counter Sink drill **in case needed**

PACKAGE CONTENT

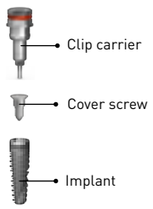
AB Dental Implants can be provided in a package with or without an implant carrier.

WITH CARRIER



Outside tube

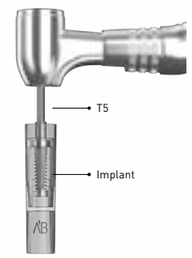
Inside tube



Components

WITHOUT CARRIER

Inside tube



Components

OPTIONAL DRILLS

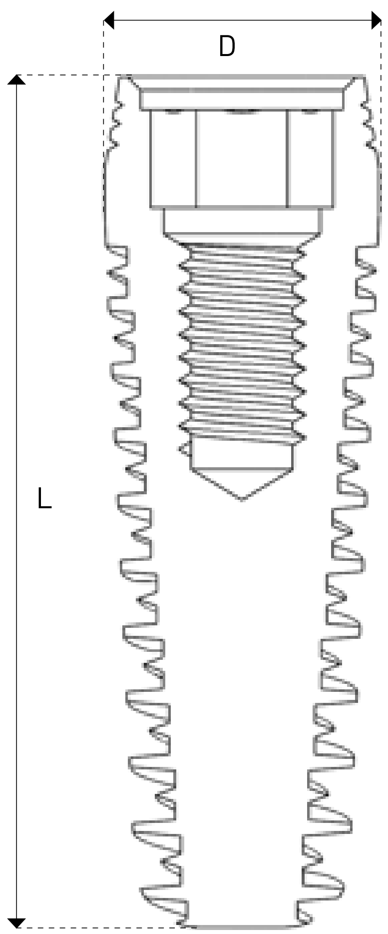
TDCS 3.75-4.2

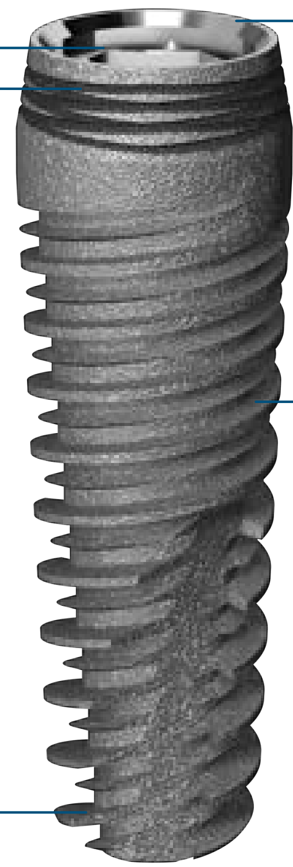
TDCS 5-6

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.

I10 TRAPEZE IMPLANT





Back-tapered design and groovy neck, promote bone to osseointegrate

Double platform – deep (Hex connection) and flat (non-Hex connection)

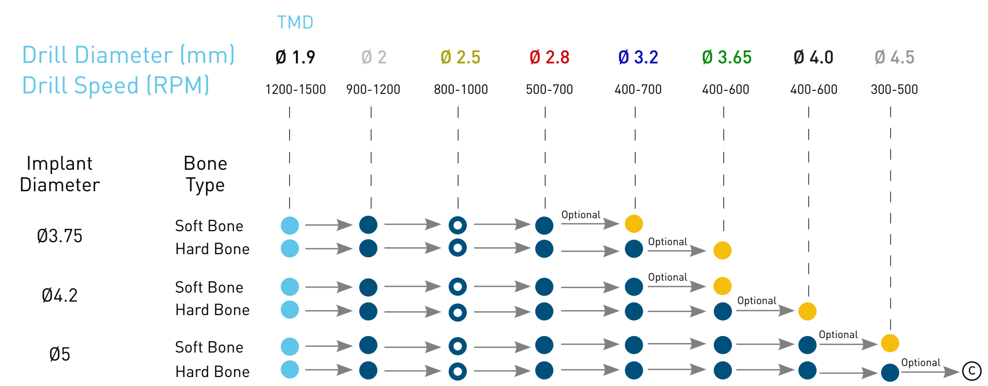
Equipped with a switch platform for all diameters (excluding narrow platform)

Biological surface – the implant undergoes special blasting with calcium phosphate for surface roughening and enhanced osseointegration

Sharp and deep threads that facilitate a primary stability

CAT no.	D (mm)	Platform	L (mm)	Tube top cap colors	With/Without Implant carrier
I10	3.75	Narrow	8, 10, 11.5, 13, 16	●	Both
I10	4.2	Standard	8, 10, 11.5, 13, 16	●	Both
I10	5	Standard	8, 10, 11.5, 13	○	Both

RECOMMENDED DRILL PROTOCOL FOR STRAIGHT OR STEP DRILLS

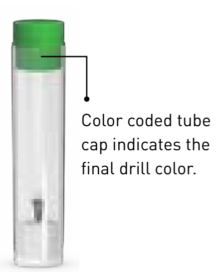


- Mark drill site
- Drill throughout entire implant's length
- Optional – In case TDSD step drill is used
- Drill through cortical plate **in case needed**
- © Drill through cortical plate with Counter Sink drill **in case needed**

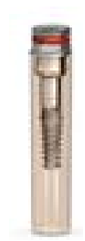
PACKAGE CONTENT

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

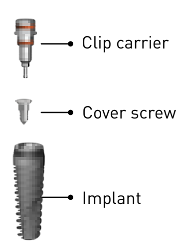
WITH CARRIER



Outside tube

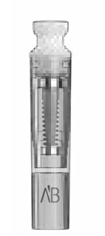


Inside tube

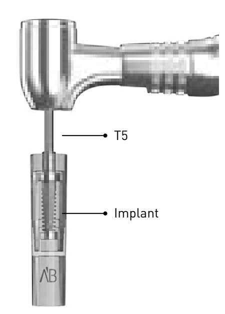


Components

WITHOUT CARRIER



Inside tube



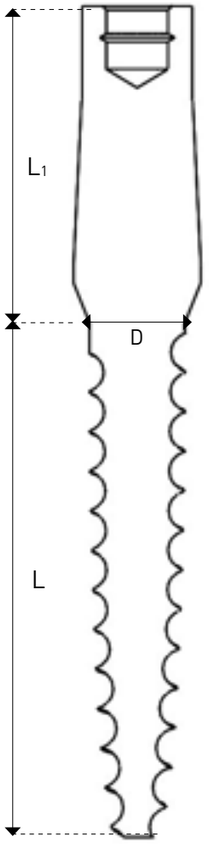
Components

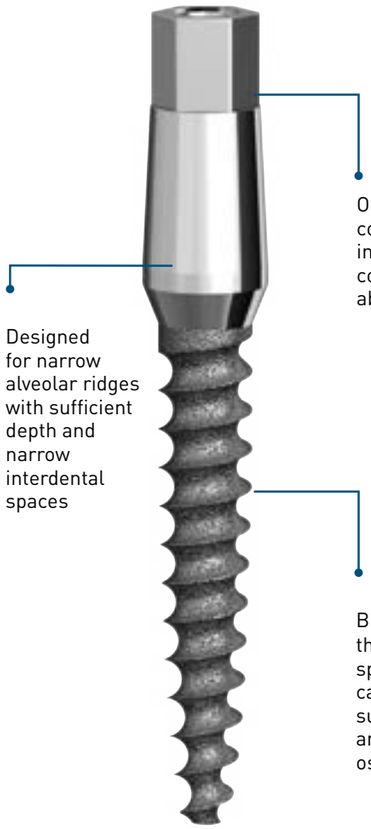
OPTIONAL DRILLS

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.

I6 NARROW INTEGRAL IMPLANT





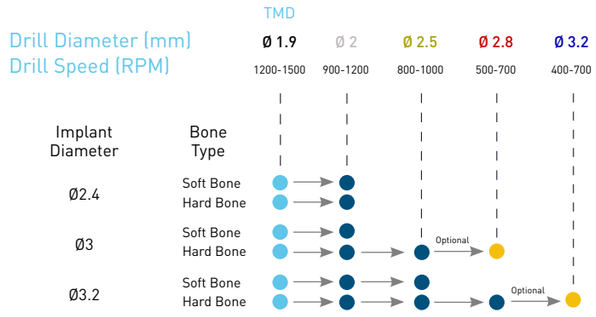
Designed for narrow alveolar ridges with sufficient depth and narrow interdental spaces

One piece conical, narrow, integral implant combined with abutment

Biological surface – the implant undergoes special blasting with calcium phosphate for surface roughening and enhanced osseointegration

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



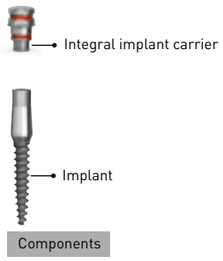
- Mark drill site
- Drill throughout entire implant's length
- Drill through cortical plate **in case needed**

PACKAGE CONTENT

Color coded tube cap indicates the final drill color.

Outside tube

Inside tube

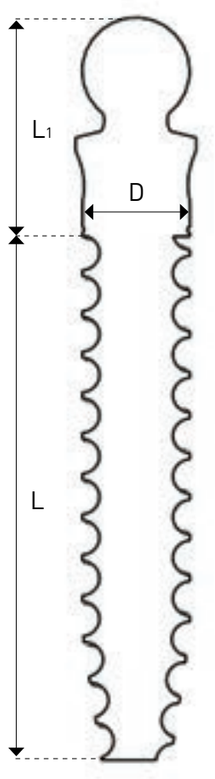


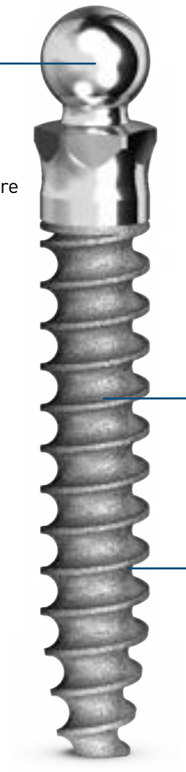
Components

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





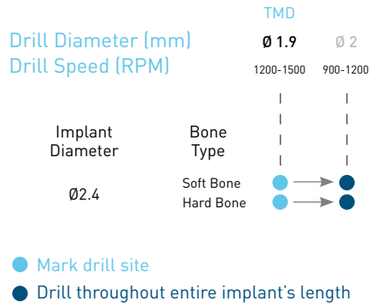
Designed for connecting the implant to a removable denture in narrow ridges

Suitable for all types of bone but optimal usage in dense bone

Biological surface – the implant undergoes special blasting with calcium phosphate for surface roughening and enhanced osseointegration

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



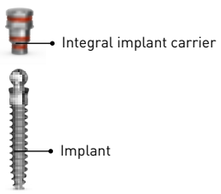
- Mark drill site
- Drill throughout entire implant's length

PACKAGE CONTENT

Color coded tube cap indicates the final drill color.

Outside tube

Inside tube

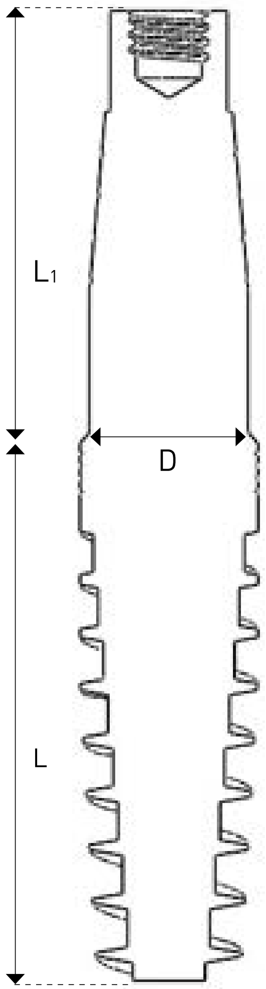


Components

OPTIONAL DRILLS

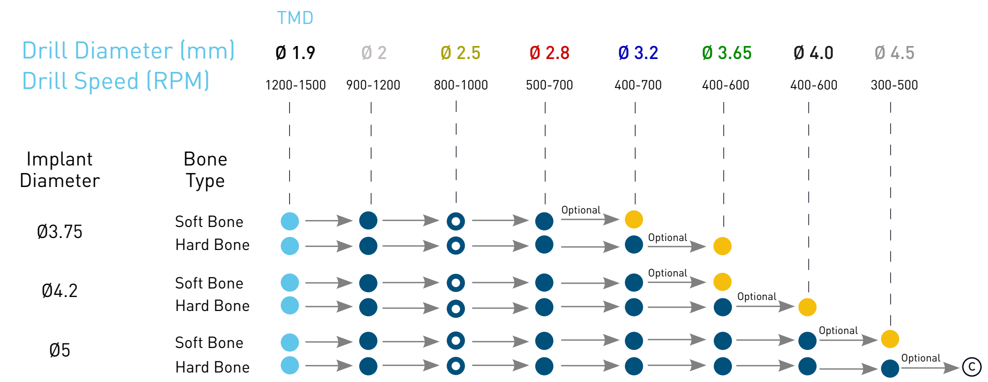
Procedure recommended by AB Dental should not replace the dentist/surgeon's judgment and experience. Final drill color (for hard bone) should correspond to Implant's Tube Cap color.

I7 INTEGRAL IMPLANT



CAT no.	D (mm)	L (mm)	L_1 (mm)	Tube top cap colors (indicating the final drill color)
I7	3.75	8, 10, 11.5, 13, 16	11	●
I7	4.2	8, 10, 11.5, 13, 16	11	●
I7	5	8, 10, 11.5, 13	11	○

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

External Tube

Internal Tube

Components

OPTIONAL DRILLS

Final drills for cortical dense bone as required.

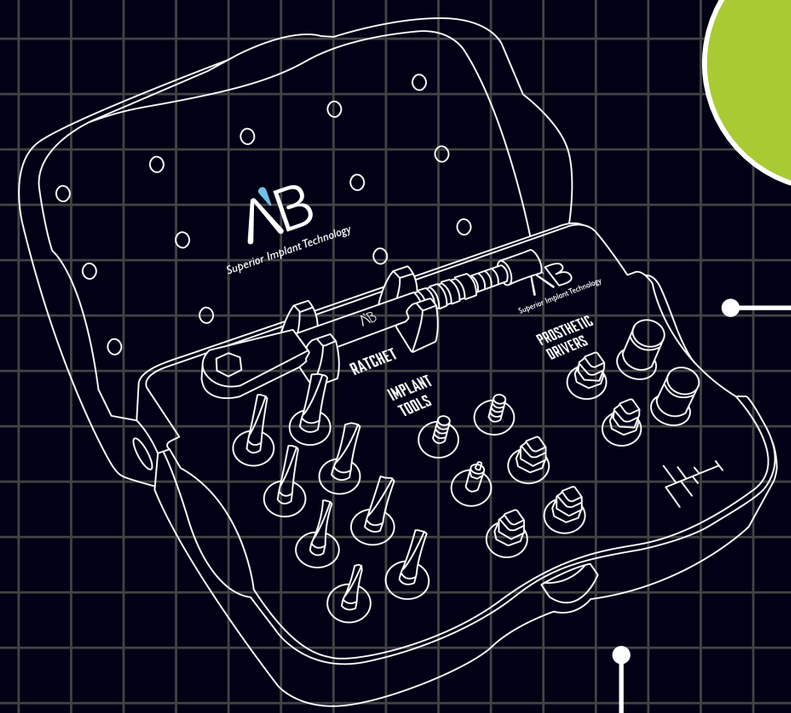
Procedure recommended by AB Dental should not replace the dentist/surgeon's judgment and experience. Final drill color (for hard bone) should correspond to Implant's Tube Cap color.

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

TDSD-2.5
Coated
Step
Drill Bit

TDSD-2.8
Coated
Step
Drill Bit

TDSD-3.2
Coated
Step
Drill Bit

TDSD-3.65
Coated
Step
Drill Bit

TDSD-4.0
Coated
Step
Drill Bit

TDSD-4.5
Coated
Step
Drill Bit

TDSD-5.0
Coated
Step
Drill Bit

TDSD-5.5
Coated
Step
Drill Bit

COATED DRILLS

TPDD-2.0
Pilot Coated
Drill Bit

TDD-2.5
Coated
Drill Bit

TDD-2.8
Coated
Drill Bit

TDD-3.2
Coated
Drill Bit

TDD-3.65
Coated
Drill Bit

TDD-4.0
Coated
Drill Bit

DRILLS

STRAIGHT DRILLS

TPD-2.0
Pilot
Drill Bit

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

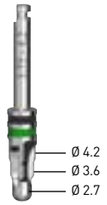
TD-1.2

TD-1.5

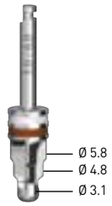
TMD-1.9
Marker Drill Bit

TDE
Drill Extension
Bit

COUNTER SINK

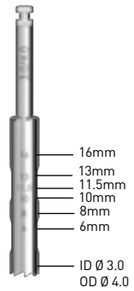


TDCS-3.75-4.2
Counter Sink



TDCS-5-6
Counter Sink

TREPHINE



TDTI-3.0
Trephine

TDTI-4.0
Trephine

TDTI-5.0
Trephine

ID - Internal Diameter OD - Outer Diameter

TOOLS

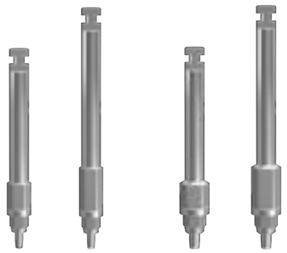
IMPLANT DRIVERS

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

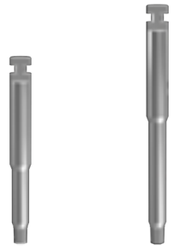
T3 2.4,9 T3-2.4,18
Ratchet hex driver for 3.75mm diameter implant – standard platform

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

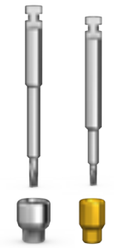
T8c-10-40
Ratchet-Torque Combination

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

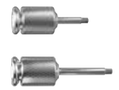
Width: 10cm
Length: 14.5cm
Height: 6.5cm

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

or

T8
Ratchet Wrench

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

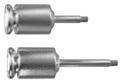
Width: 17.5cm
Length: 19.5cm
Height: 6cm

DEFAULT CONTENT

T3-2,9
T3-2,18
→ Ratchet Hex Driver for Narrow Platform Implant

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



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

T5-1.2,21
Contra Angle Driver for Abutment

T5-2,25
T5-2.4,25
→ Contra Angle Implant Driver

T8c-10-40
Ratchet-Torque Combination

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

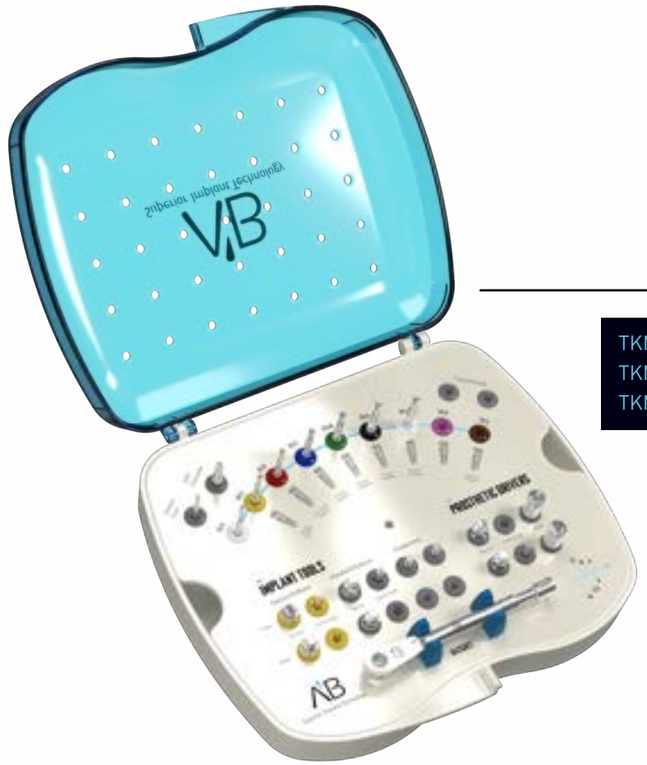
TP-17
Parallel Pin

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

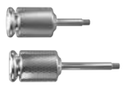
TKM - Kit with Straight Drills.
TKM-T8C-CD - Kit with Coated Drills.
TKM-T8C-SD - Kit with Coated Step Drills.

DEFAULT CONTENT

T3-2,9
T3-2,18
→ Ratchet Hex Driver for Narrow Platform Implant

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



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

T5-1.2,21
Contra Angle Driver for Abutment

T5-2,25
T5-2.4,25
→ Contra Angle Implant Driver

T8
Ratchet Wrench

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

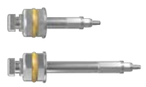
TKDC\TKDC-T8C
COATED CONICAL DRILLS WITH INTEGRAL STOPPER KIT

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



T3-2,9
T3-2,18
→ Ratchet Hex Driver for Narrow Platfrom Implant

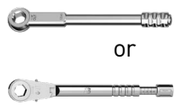
T3-2.4,9
T3-2.4,18
→ Ratchet Hex Driver for Standard Platform Implant

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

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

T5-1.2,21
Contra Angle Driver for Abutment

T5-2,25
T5-2.4,25
→ Contra Angle Implant Driver



or

T8
Ratchet Wrench
T8c-10-40
Ratchet-Torque Combination

TP-23
Parallel Pin (x2)

TMD-1.9
ø 1.9 Marker Drill Bit

TDCSt-2.2,8
Conical Stopper Drill

TDCSt-2.2,10
Conical Stopper Drill

TDCSt-2.2,11.5
Conical Stopper Drill

TDCSt-2.2,13
Conical Stopper Drill

TDCSt-2.7,8
Conical Stopper Drill

TDCSt-2.7,10
Conical Stopper Drill

TDCSt-2.7,11.5
Conical Stopper Drill

TDCSt-2.7,13
Conical Stopper Drill

TDCSt-3.3,8
Conical Stopper Drill

TDCSt-3.3,10
Conical Stopper Drill

TDCSt-3.3,11.5
Conical Stopper Drill

TDCSt-3.3,13
Conical Stopper Drill

DEFAULT CONTENT

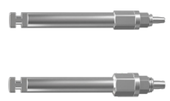
TDCSt-3.7,8
Conical Stopper Drill

TDCSt-3.7,10
Conical Stopper Drill

TDCSt-3.7,11.5
Conical Stopper Drill

TDCSt-3.7,13
Conical Stopper Drill

OPTIONAL PRODUCTS
Max. products within the kit - 50



T5-2,20 T5-2.4,20
→ Contra Angle Implant Driver

T5-1.2,26
Counter Sink

TDCS-3.75-4.2
Counter Sink

TDCS-5-6
Counter Sink

TDE
Drill extension Bit

TP-17
Parallel Pin

TP-23
Parallel Pin

T9
Depth Gauge

T10
Handle

OPTIONAL DRILLS
Max. drills within the kit - 25

TDCSt-2.2,6
Conical Stopper Drill

TDCSt-2.7,6
Conical Stopper Drill

TDCSt-3.3,6
Conical Stopper Drill

TDCSt-3.7,6
Conical Stopper Drill

TDCSt-4.0,6
Conical Stopper Drill

TDCSt-4.0,8
Conical Stopper Drill

TDCSt-4.0,10
Conical Stopper Drill

TDCSt-4.0,11.5
Conical Stopper Drill

TDCSt-4.0,13
Conical Stopper Drill

TDCSt-4.5,6
Conical Stopper Drill

TDCSt-4.5,8
Conical Stopper Drill

TDCSt-4.5,10
Conical Stopper Drill

TDCSt-4.5,11.5
Conical Stopper Drill

TDCSt-4.5,13
Conical Stopper Drill

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

TDG-2,21
Guide Drill Bit

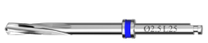
TDG-2,25
Guide Drill Bit

TDG-2,30
Guide Drill Bit

TH- 2.0
Handle - Diameter 2.0mm

TDG-2.5,17
Guide Drill Bit

TDG-2.5,21
Guide Drill Bit



TDG-2.5,25
Guide Drill Bit

TDG-2.5,30
Guide Drill Bit

TH- 2.5
Handle - Drill Tool Diameter 2.5mm

TDG-2.8,17
Guide Drill Bit

TDG-2.8,21
Guide Drill Bit

TDG-2.8,25
Guide Drill Bit

TDG-2.8,30
Guide Drill Bit

TH- 2.8
Handle - Drill Tool Diameter 2.8mm

TDG-3.2,17
Guide Drill Bit

TDG-3.2,21
Guide Drill Bit

TDG-3.2,25
Guide Drill Bit

TDG-3.2,30
Guide Drill Bit

TH- 3.2
Handle - Drill Tool Diameter 3.2mm

TDG-3.65,17
Guide Drill Bit

TDG-3.65,21
Guide Drill Bit

TDG-3.65,25
Guide Drill Bit

TDG-3.65,30
Guide Drill Bit

TH- 3.65
Handle - Drill Tool Diameter 3.65mm

T3G-2.4,30-G
Implant Driver

T3G-2.4,25-B
Implant Driver

T3G-2.4,21-Y
Implant Driver

T3G-2.4,17-R
Implant Driver

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

T3G-2,30-G
Implant Driver

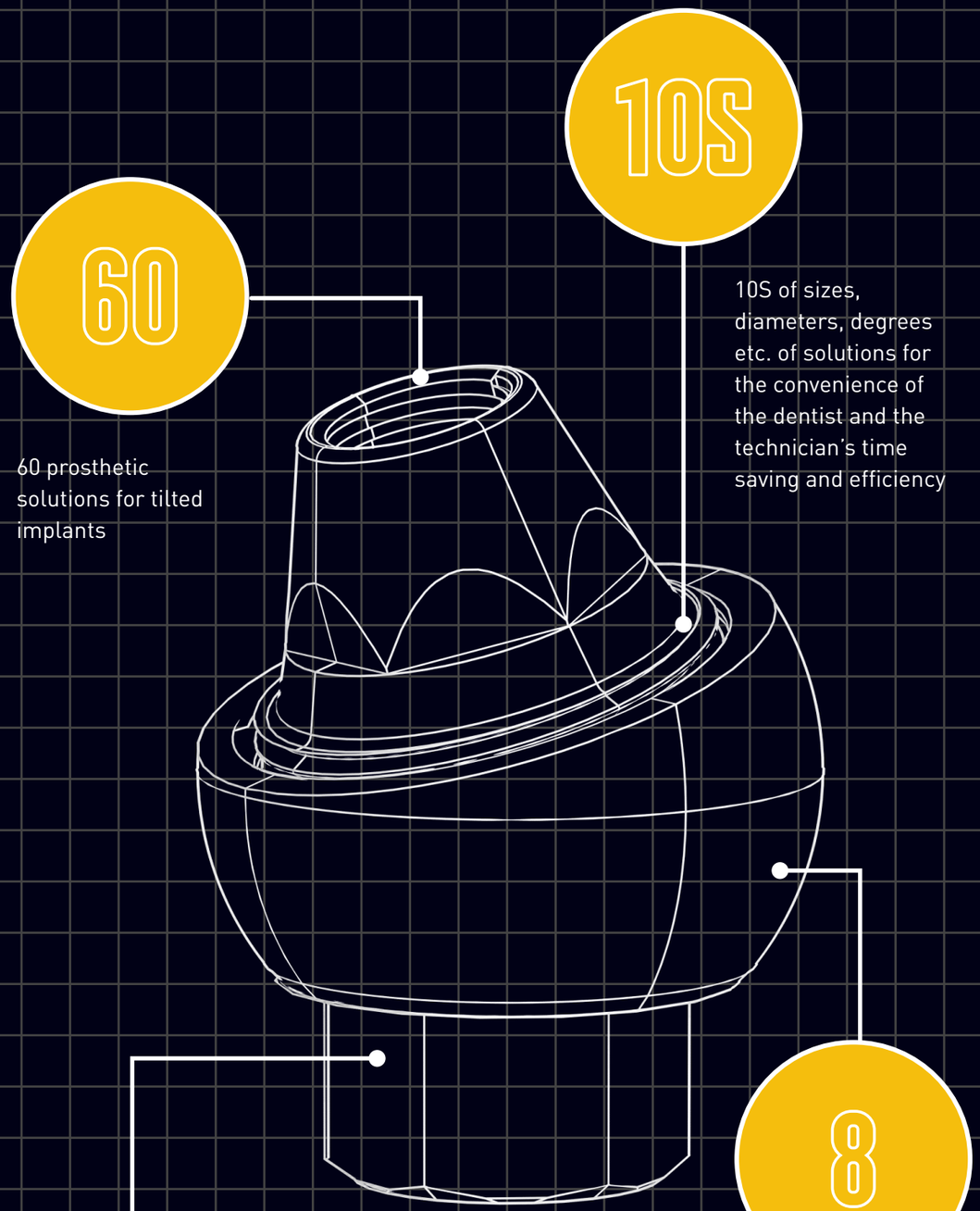
T3G-2,25-B
Implant Driver

T3G-2,21-Y
Implant Driver

T3G-2,17-R
Implant Driver

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

8

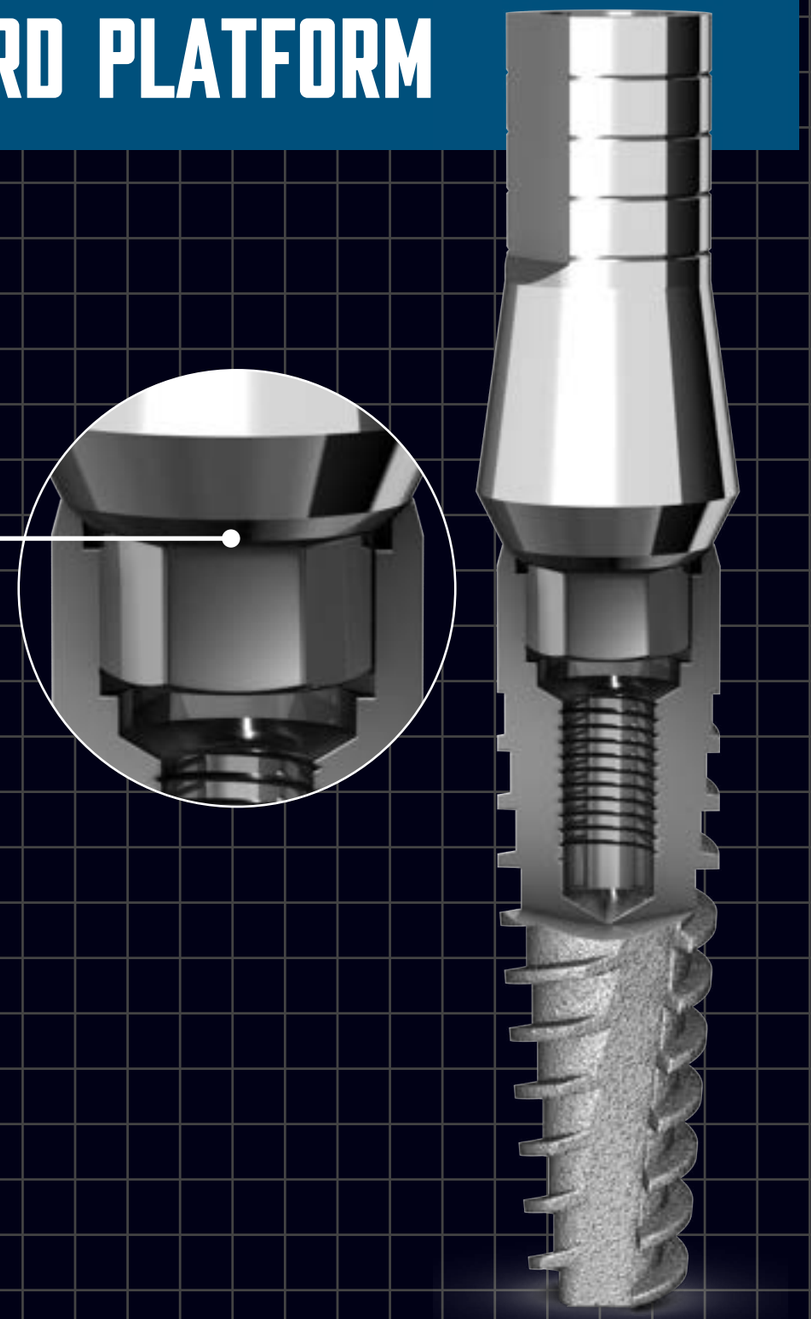
8 international registered patents in the prosthodontics field

3

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

STANDARD PLATFORM

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



STANDARD PLATFORM

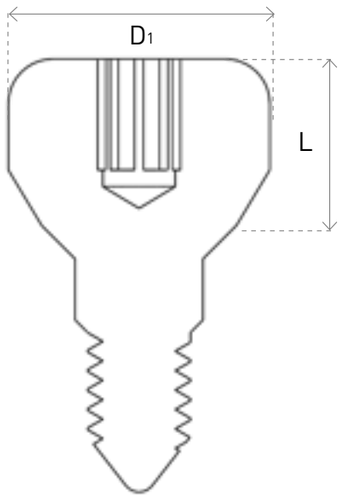
The order and presentation of these products is based on impressions taken from the implant.
There is also an option to take an impression after connecting the abutment to the implant.

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

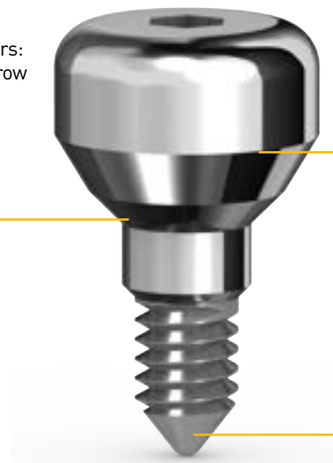
	Healing caps	Transfers / Scan Bodies / Analogs		Abutments
		Impressions	CAD/CAM	Temporary
Cement-Retained Restoration	P0-3.75 Page 66	D1-3.75 Page 70; D1-5 Page 70; D1-6 Page 70; D2 Page 67; D2O Page 67	P3L-3.75,SC Page 84; D1-3.75,MA Page 84	P3S-PEEK Page 72; P4S-PEEK Page 73
Screw-retained Restoration	P0N-3.75 Page 66; P0W-3.75 Page 66	P0-P14 Page 92; P0-P64 Page 91	D2N Page 67; D2NO Page 67; D2-P12 Page 88; D3 Page 68; D3N Page 68	D1-P14 Page 90; D2-P14 Page 90; D1-P64 Page 93; D2-P64 Page 93; D4-P64 Page 93	P14,SC Page 96; P64,SC Page 96; D1-P64,MA Page 96	P14-bT Page 90; P64-bT Page 93; P12-T/L Page 89
Overdenture Restoration		D4 Page 69				

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



Available in three diameters: standard, narrow and wide



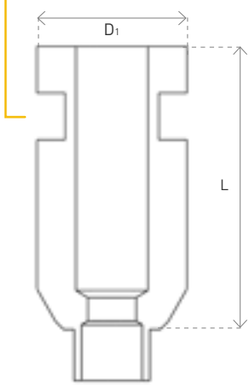
Polished Titanium surface for excellent tissue acceptance

Maintains tissue opening for preparing the site for placing prosthetic device

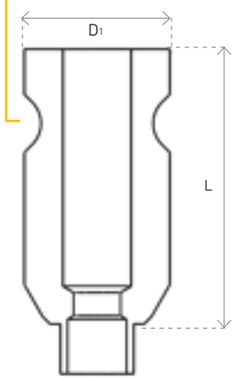
P0 Titanium Healing Cap	P0N Narrow Titanium Healing cap	P0W Wide Titanium Healing Cap
P0-3.75,0.5	P0N-3.75,3	P0W-3.75,2
P0-3.75,2	P0N-3.75,4	P0W-3.75,3
P0-3.75,3	P0N-3.75,5	P0W-3.75,4
P0-3.75,4	P0N-3.75,6	P0W-3.75,5
P0-3.75,5	P0N-3.75,7	P0W-3.75,6
P0-3.75,6		
P0-3.75,7		
$D_{1\,(mm)}$ = 4.7 $L_{(mm)}$ = 0.5, 2, 3, 4, 5, 6, 7	$D_{1\,(mm)}$ = 3.5 $L_{(mm)}$ =3, 4, 5, 6, 7	$D_{1\,(mm)}$ = 6 $L_{(mm)}$ = 2, 3, 4, 5, 6

D2 IMPRESSION TRANSFER

Open tray – sharp edges



Closed tray – round edges



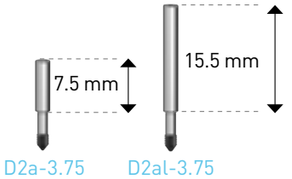
Available for open tray - sharp edges & long screw, and closed tray - round edges & short screw

Hexagon impression transfer

Suitable for flat connection

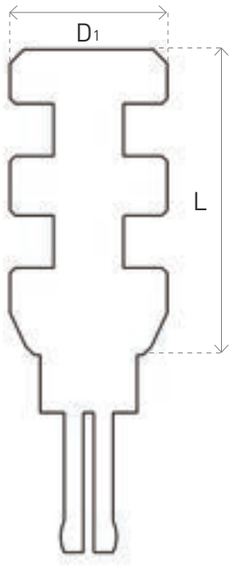
D2 Impression Transfer for Closed Tray	D2O Impression Transfer for Open Tray	D2N Narrow Impression Transfer for Closed Tray	D2NO Narrow Impression Transfer for Open Tray
D2-3.75,9	D2O-3.75,9	D2N-3.75,9	D2NO-3.75,15
D2-3.75,15	D2O-3.75,15		
$D_{1\,(mm)}$ = 4.8 $L_{(mm)}$ = 9, 15	$D_{1\,(mm)}$ = 4.8 $L_{(mm)}$ = 9, 15	$D_{1\,(mm)}$ = 3.8 $L_{(mm)}$ = 9	$D_{1\,(mm)}$ = 3.8 $L_{(mm)}$ = 15

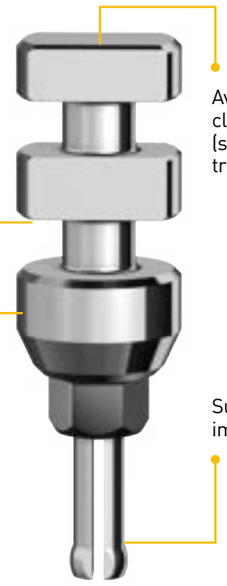
D2 transfers are available with D2a or D2al screws.
A short screw for a closed tray and a long screw for an open tray.



D2a-3.75 D2al-3.75

D3 CLIP TRANSFER





Especially efficient in posterior areas with a limited intermaxillary space for a driver

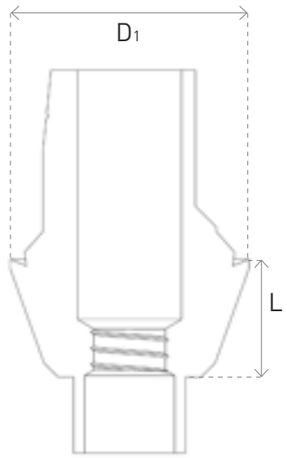
Available for closed tray (short) and open tray (long)

Remains in the impression throughout the process

Suitable for parallel implants only

D3 Clip Transfer	D3N Narrow Clip Transfer
D3-3.75,9	D3N-3.75,9
D3-3.75,15	D3N-3.75,15
$D_{1\,(mm)}$ = 4.5 $L_{(mm)}$ = 9,15	$D_{1\,(mm)}$ = 3.5 $L_{(mm)}$ = 9,15

D4 PLASTIC SNAP TRANSFER WITH ABUTMENT



Impression taking with a click

The set is designed for multiple uses

Available in 4 heights (1-4mm)

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 Abutment, D1 Analog.

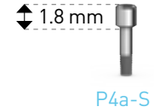
D4 Plastic Snap Transfer with Abutment
D4-3.75,1
D4-3.75,2
D4-3.75,3
D4-3.75,4
$D_{1\,(mm)}$ = 5.17 $L_{(mm)}$ = 1,2,3,4

D1
Implant Analog

PK-D2
Plastic Transfer

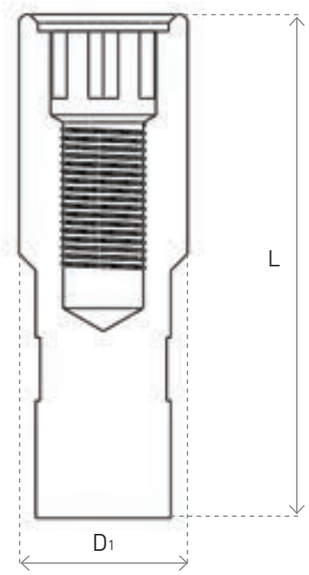
PK-P3-3.75
Anatomic Anti – Rotation Abutment

All abutments include a short screw.



P4a-S

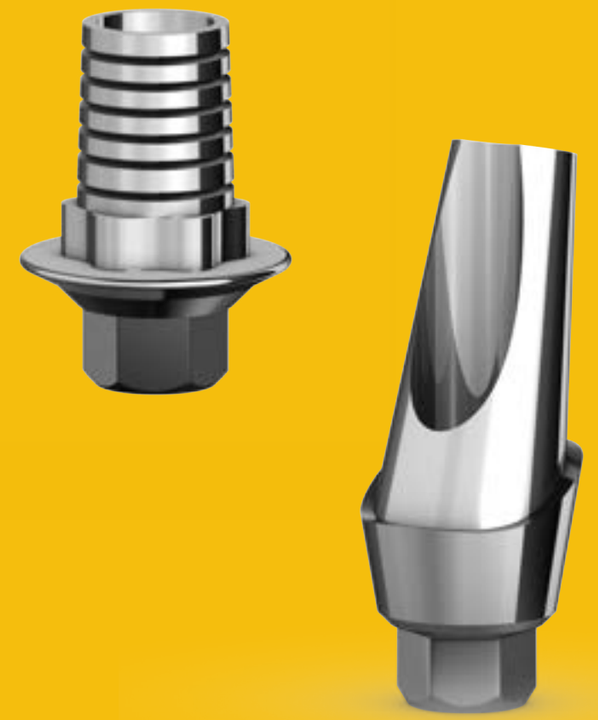
D1 ANALOG



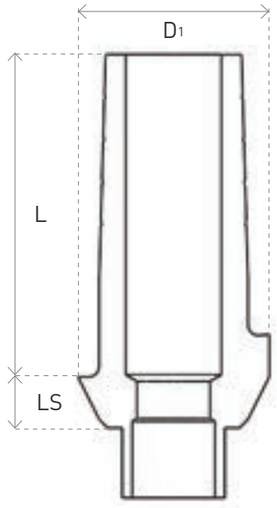
D1-3.75	D1-5	D1-6
Implant Analog	Implant Analog	Implant Analog
D1-3.75	D1-5	D1-6
$D_{1\,(mm)} = 4$ $L_{(mm)} = 12$	$D_{1\,(mm)} = 5$ $L_{(mm)} = 12.3$	$D_{1\,(mm)} = 6$ $L_{(mm)} = 12.3$

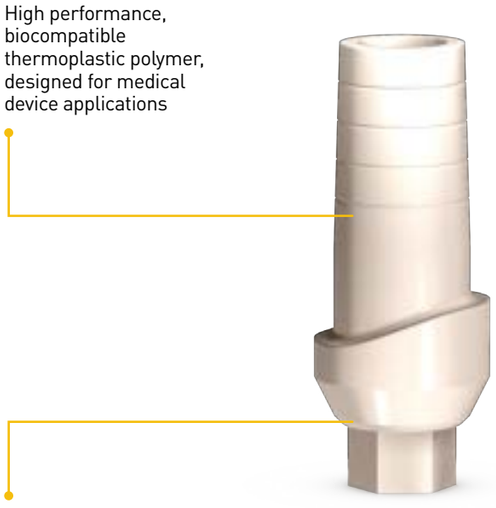
CEMENT-RETAINED RESTORATION

STANDARD PLATFORM



P3S-PEEK TEMPORARY ANATOMIC ANTI-ROTATION ABUTMENT



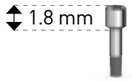


High performance, biocompatible thermoplastic polymer, designed for medical device applications

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

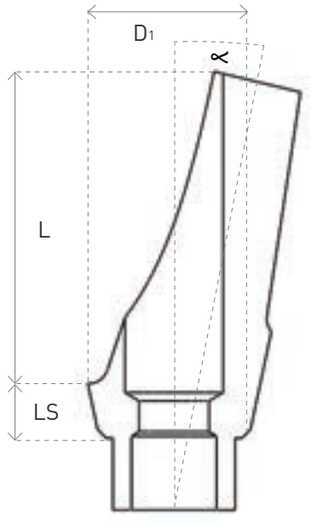
P3S-PEEK Temporary Peek Anatomic Anti-rotation Abutment
P3S-PEEK-3.75,1
P3S-PEEK-3.75,2
P3S-PEEK-3.75,3
$D_{1\,(mm)}$ = 4.7 $L_{(mm)}$ = 7.5 $LS_{(mm)}$ = 1, 2, 3

All abutments include a short screw.



P4a-S

P4S-PEEK TEMPORARY ANATOMIC ANGULAR ABUTMENT



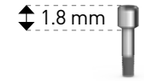
Platform switching by design, allowing perfect environment for soft-tissue growth and helps to prevent bone resorption

Available in 15° and 25° for angular restoration

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

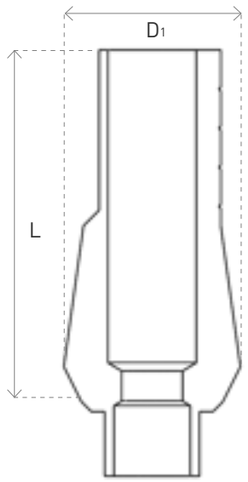
P4S-PEEK-15 Angular Anatomic Temporary Peek	P4S-PEEK-25 Angular Anatomic Temporary Peek
P4S-PEEK,15-1	P4S-PEEK,25-1
P4S-PEEK,15-2	P4S-PEEK,25-2
P4S-PEEK,15-3	P4S-PEEK,25-3
$D_{1\,(mm)}$ = 4.7 ∝ 15° $L_{(mm)}$ = 9 $LS_{(mm)}$ = 1, 2, 3	$D_{1\,(mm)}$ = 4.7 ∝ 25° $L_{(mm)}$ = 9 $LS_{(mm)}$ = 1, 2, 3

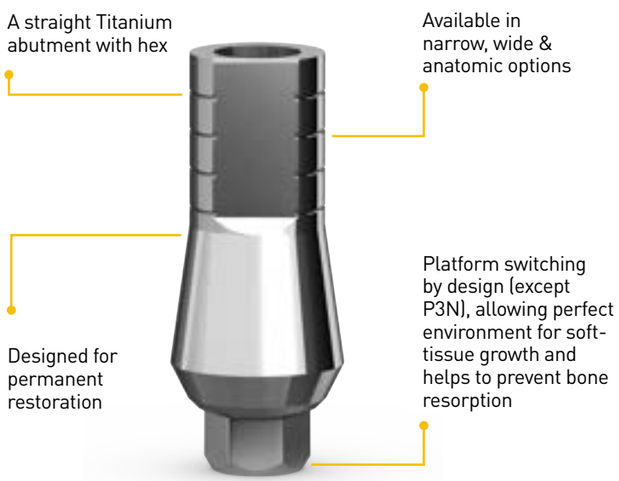
All abutments include a short screw.



P4a-S

P3 ANTI-ROTATION ABUTMENT



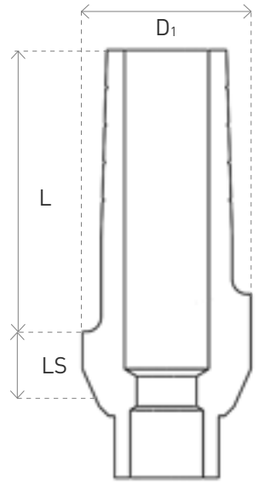


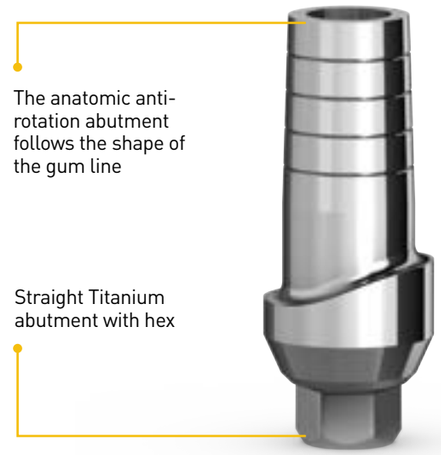
P3-3.75	P3-5	P3N	P3W
Anti-rotation Abutment	Anti-rotation Abutment (for wide teeth)	Narrow Anti-rotation Abutment (for narrow ridges)	Wide Anti-rotation Abutment (for wide teeth)
P3-3.75,5	P3-5,5	P3N-3.75,5	P3W-3.75,9
P3-3.75,7	P3-5,7	P3N-3.75,7	P3W-3.75,12
P3-3.75,9	P3-5,9	P3N-3.75,9	
P3-3.75,11			
P3-3.75,12			
P3-3.75,15			
$D_{1\,(mm)}$ = 4.5 $L_{(mm)}$ = 5,7, 9,11,12, 15	$D_{1\,(mm)}$ = 5.5 $L_{(mm)}$ = 5, 7, 9	$D_{1\,(mm)}$ = 3.5 $L_{(mm)}$ = 5, 7, 9	$D_{1\,(mm)}$ = 5.5 $L_{(mm)}$ = 9, 12

P4a-S

All abutments include a short screw.

P3S ANATOMIC ANTI-ROTATION ABUTMENT



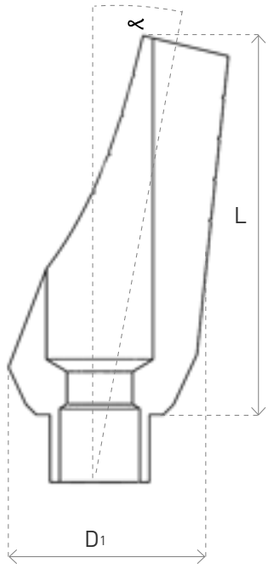


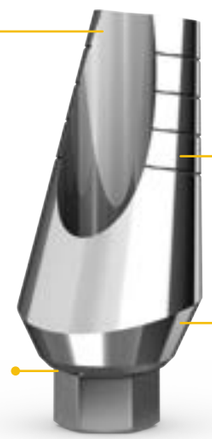
P3S	P3SW
Anatomic Anti-rotation Abutment	Wide Anatomic Anti-rotation Abutment
P3S-3.75,1	P3SW-3.75,1
P3S-3.75,2	P3SW-3.75,2
P3S-3.75,3	P3SW-3.75,3
$D_{1\,(mm)}$ = 4.5 $L_{(mm)}$ = 7.5 $LS_{(mm)}$ = 1, 2, 3	$D_{1\,(mm)}$ = 5.5 $L_{(mm)}$ = 7.5 $LS_{(mm)}$ = 1, 2, 3

P4a-S

All abutments include a short screw.

P4
ANGULAR ABUTMENT





An angular abutment of 15°, 25°, 35° and 45° (35° and 45° were developed by AB Dental in collaboration with Dr. Yehuda Gil)

Available in 15° and 25° as a long abutment

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

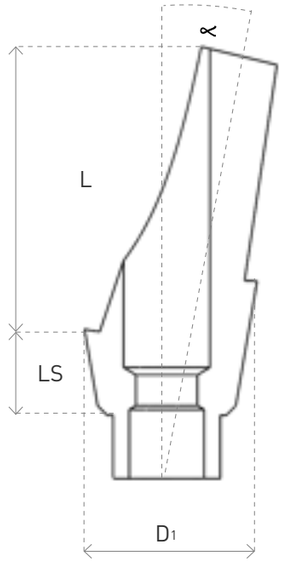
Designed for restoration on tilted implants

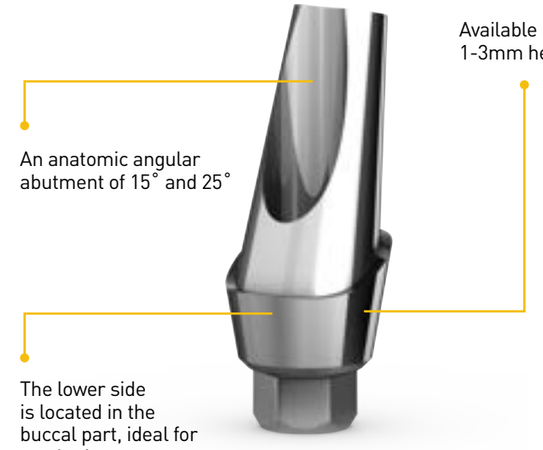
P4 Angular Abutment	P4st Angular Abutment	P4L Long Angular Abutment	P4N Narrow Angular Abutment	P4-5 Angular Abutment
P4-3.75,15	P4-3.75,15st	P4L-3.75,15	P4N-3.75,15	P4-5,15
P4-3.75,25	P4-3.75,25st	P4L-3.75,25		P4-5,25
P4-3.75,35				
P4-3.75,45				
$D_{1\,(mm)}$ = 4.7 ∝ 15°, 25°, 35°, 45° $L_{(mm)}$ 15°, 25° = 9 $L_{(mm)}$ 35°, 45° = 10, 12	$D_{1\,(mm)}$ = 4.7 ∝ 15°, 25° $L_{(mm)}$ = 9	$D_{1\,(mm)}$ = 4.7 ∝ 15°, 25° $L_{(mm)}$ = 13.4	$D_{1\,(mm)}$ = 3.75 ∝ 15° $L_{(mm)}$ = 9	$D_{1\,(mm)}$ = 5 ∝ 15° 25° $L_{(mm)}$ = 10.75, 11.1

P4a-S P4a

All abutments include a short screw P4a-S excluding 35°, 45° and P4L that include P4a screw.

P4S ANATOMIC
ANGULAR ABUTMENT





An anatomic angular abutment of 15° and 25°

Available in 1-3mm heights

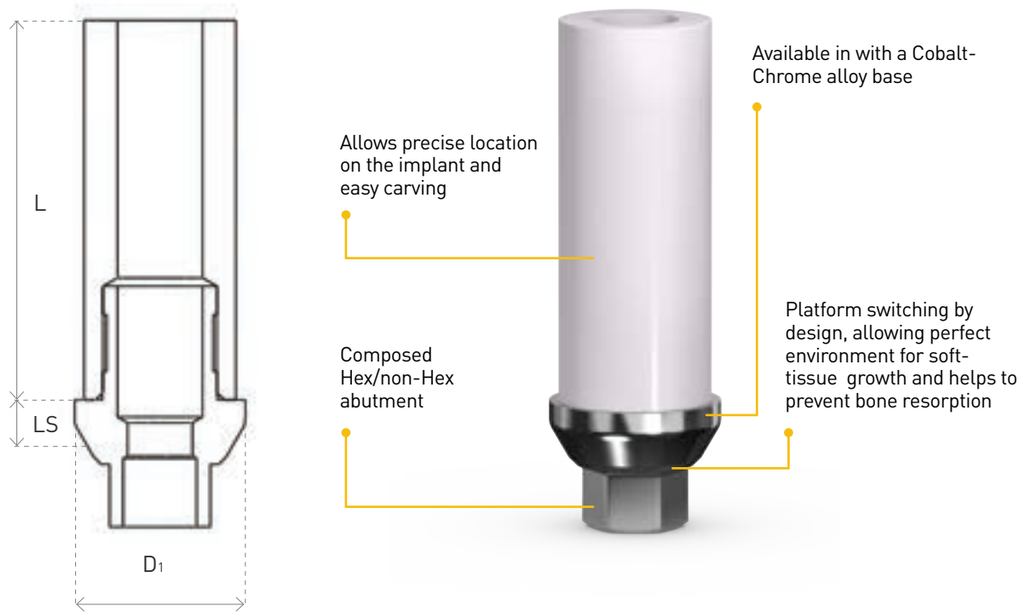
The lower side is located in the buccal part, ideal for aesthetic outcome

P4S-15 Anatomic Angular Abutment 15° with Shoulder	P4S-25 Anatomic Angular Abutment 25° with Shoulder	P4SW 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	
$D_{1\,(mm)}$ = 4.7 ∝ 15° $L_{(mm)}$ = 7 $LS_{(mm)}$ = 1, 2, 3	$D_{1\,(mm)}$ = 4.7 ∝ 25° $L_{(mm)}$ = 7 $LS_{(mm)}$ = 1, 2, 3	$D_{1\,(mm)}$ = 5.7 ∝ 15° $L_{(mm)}$ = 8 $LS_{(mm)}$ = 4.2

P4a-S

All abutments include a short screw.

P9 COMPOSED ABUTMENT

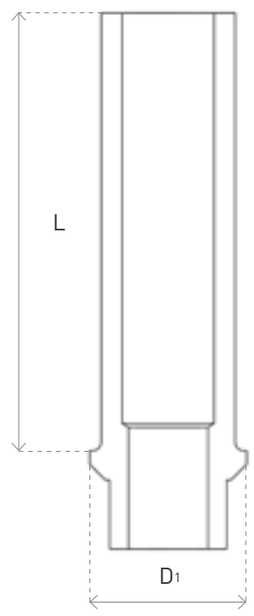


P9HR	P9R	P9HG	P9G
Cobalt-Chrome Composed Hex Abutment (for crown)	Cobalt-Chrome Composed Abutment (for bridge)	Gold Composed Hex Abutment (for crown)	Gold Composed non-Hex Abutment (for bridge)
P9HR-3.75,11	P9R-3.75,11	P9HG-3.75,11	P9G-3.75,11
$D_{1\,(mm)} = 4.5$ $L_{(mm)} = 10$	$D_{1\,(mm)} = 4.5$ $L_{(mm)} = 10$ $LS_{(mm)} = 1$	$D_{1\,(mm)} = 4.5$ $L_{(mm)} = 10$ $LS_{(mm)} = 1$	$D_{1\,(mm)} = 4.5$ $L_{(mm)} = 10$ $LS_{(mm)} = 1$

All abutments include P4a-S short screw.

P4a-S

P2 PLASTIC SLEEVE

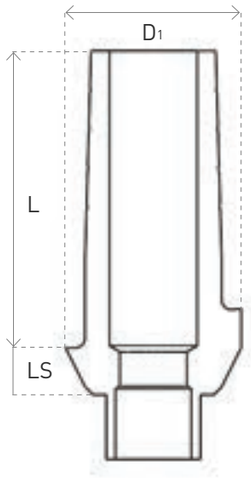


P2NH	P2N
Plastic Sleeve w/fixation Screw - Straight w/hex (for crown)	Plastic Sleeve w/fixation Screw - Rounded (for bridge)
P2NH-3.75,15	P2N-3.75,15
$D_{1\,(mm)} = 3.75$ $L_{(mm)} = 10$	$D_{1\,(mm)} = 3.75$ $L_{(mm)} = 10$

All abutments include a short screw.

P4a-S

P2-P3S STRAIGHT ANATOMIC PLASTIC SLEEVE



Straight Anatomic Plastic Sleeve for casting with no internal threading

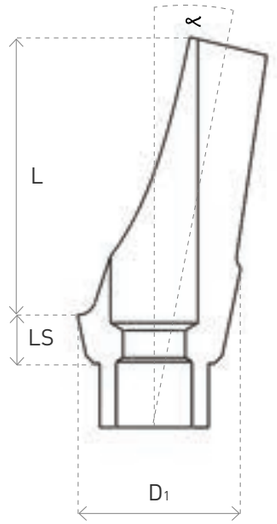
Platform switching by design, allowing perfect environment for soft-tissue growth and helps to prevent bone resorption

P2-P3S
Straight Anatomic Plastic Sleeve
P2-P3S-3.75,1
P2-P3S-3.75,2
P2-P3S-3.75,3
$D_{1\,(mm)}$ = 4.7 $L_{(mm)}$ = 7.5 $LS_{(mm)}$ = 1, 2, 3

All abutments include a short screw.

P4a-S

P2-P4S ANGULAR ANATOMIC PLASTIC SLEEVE



Angular Anatomic Plastic Sleeve for casting with no internal threading

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

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
$D_{1\,(mm)}$ = 4.7 ∝ 15° $L_{(mm)}$ = 7 $LS_{(mm)}$ = 1, 2, 3	$D_{1\,(mm)}$ = 4.7 ∝ 25° $L_{(mm)}$ = 7 $LS_{(mm)}$ = 1, 2, 3

All abutments include a short screw.

P4a-S

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
$D_{1\ (mm)}$ = 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)

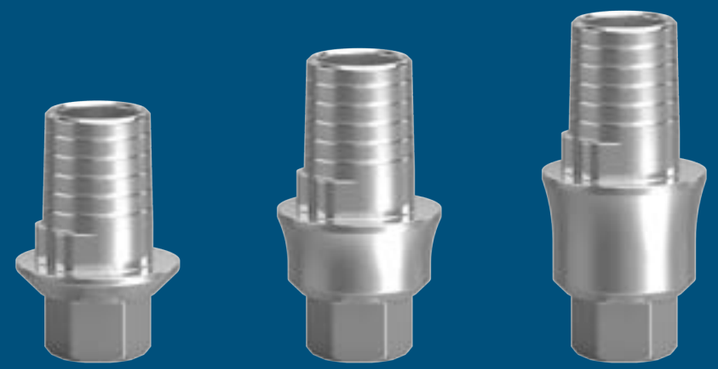
PK-P0
Healing Cap

PK-P3-3.75
Anatomic Anti – Rotation Abutment

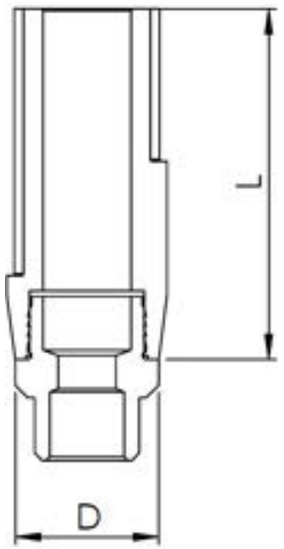
All abutments include a short screw.

P4a-S

CAD/CAM PRODUCTS
STANDARD PLATFORM
CEMENT-RETAINED RESTORATION



CAD/CAM SCAN ABUTMENT



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

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

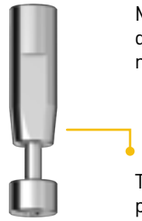
AB Dental products have been added to the libraries of a wide range of companies

Also for intra-oral scanning designed for re-sterilization

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 Scan Abutment Standard Platform	P3L-3.75,SC 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 Anlaog Standard Platform
D (mm) = 3.8 L (mm) = 11 * Includes screw



Model analog for digital printed model manufacturing

Two-Piece design for precise positioning

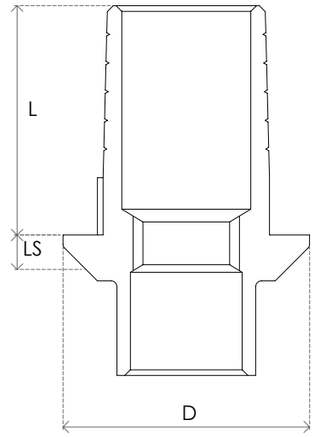
Scan abutments includes a short screw P4a-S for standard platform.
Model Analog includes screw.

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

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

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
P3-3.75,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 L S (mm) = 0.7	D (mm) = 4.3 L (mm) = 4.1 L S (mm) = 0.6, 2, 3	D (mm) = 5.2 L (mm) = 4.5 L S (mm) = 0.8

All abutments include a short screw.

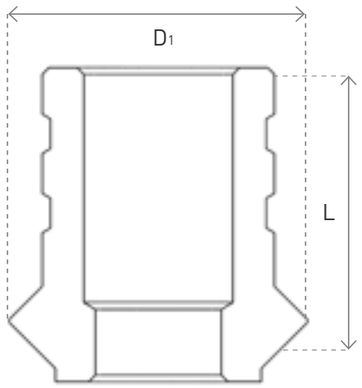
P4a-S

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

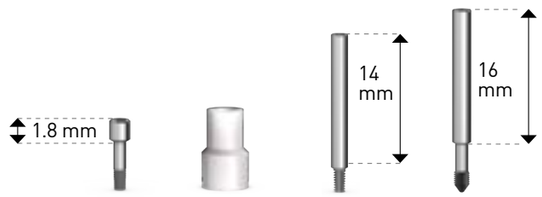
Platform switching by design, allowing perfect environment for soft-tissue growth and helps to prevent bone resorption

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.

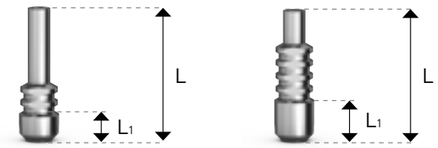
All abutments include P4a-S short screw and plastic sleeve P12p.

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

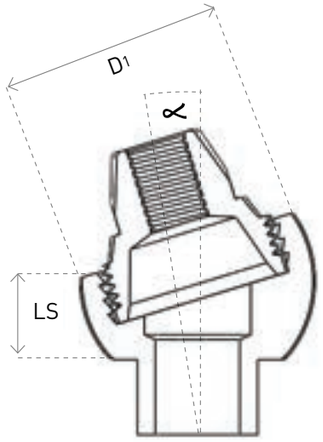


Temporary Abutment:

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



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

Available in 17° and 30° and 2 heights

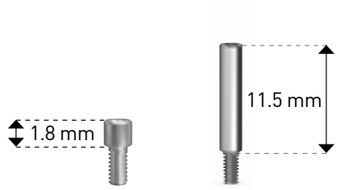
The angle of the implant is corrected by using a base. The cone enables connection of a temporary Titanium abutment or permanent abutment made with plastic sleeves for casting

A perfect solution for "All on four" restorations

P0-P14 Healing Cap for P14	D2-P14 Impression Transfer for P14	D1-P14 Analog for P14	P14b 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			
$D_{1\,(mm)}$ = 4.4 $L_{(mm)}$ =2.5, 4, 5, 7	$D_{1\,(mm)}$ = 4.4 $L_{(mm)}$ =12.5	$D_{1\,(mm)}$ = 4.4 $L_{(mm)}$ =14.2	$D_{1\,(mm)}$ = 4.4 $L_{(mm)}$ = 10,12,12

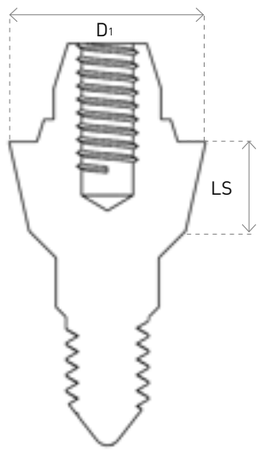
P14b P14-bT P14-bR

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



P14a D2-P14a

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

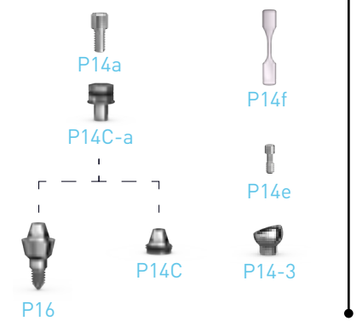
The over denture system is screwed to the cone. Available in different heights

Facilitates the installation of an over denture system on nonparallel implants

P16 Straight adaptor	P14-17 Angular adaptor	P14-30 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		
$D_{1\,(mm)}$ = 4.5 $LS_{(mm)}$ = 1, 2, 3, 4, 5	$D_{1\,(mm)}$ = 4.4 ∝ 17° $LS_{(mm)}$ = 1.35, 3.75	$D_{1\,(mm)}$ = 4.4 ∝ 30° $LS_{(mm)}$ = 1.5, 3

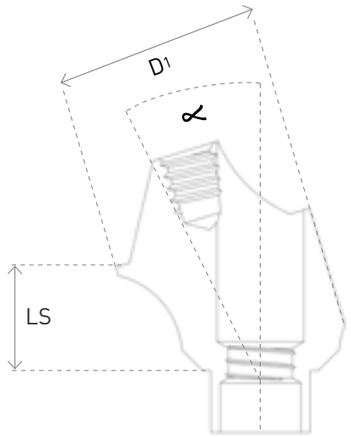
P14/P16 adaptors include P14a screw.

P14/P16 components



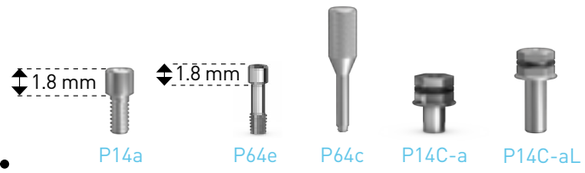
P14a P14C-aL

P64 MULTI-UNIT ANGULAR ABUTMENT

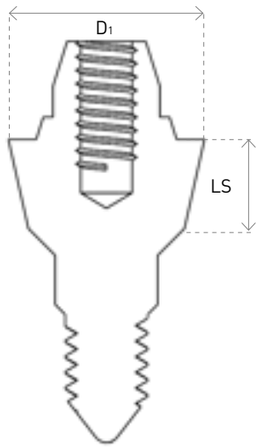


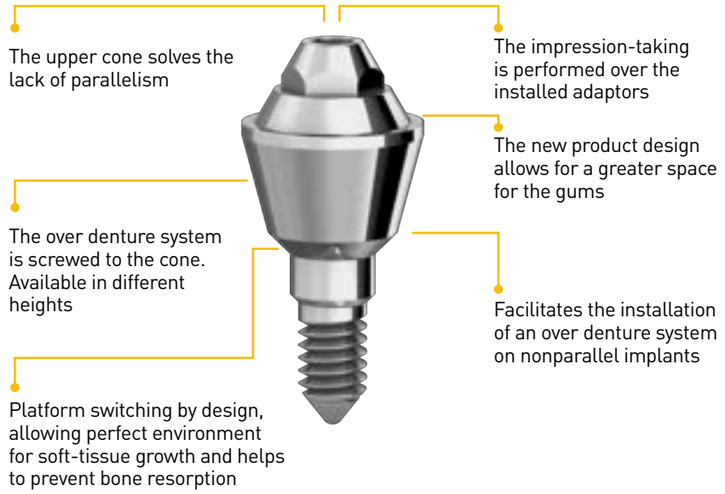
P64 Straight Adaptor Single Unit	P64-17 Angular Adaptor Single Unit	P64-30 Angular Adaptor Single Unit	P64-42 Angular Adaptor Single Unit
P64-3.75,1	P64-3.75,17-0.5	P64-3.75,30-0.5	P64-3.75,42-0.5
P64-3.75,2	P64-3.75,17-2	P64-3.75,30-2	P64-3.75,42-2
P64-3.75,3	P64-3.75,17-3	P64-3.75,30-3	
P64-3.75,4	P64-3.75,17-4	P64-3.75,30-4	
P64-3.75,5	P64-3.75,17-5	P64-3.75,30-5	
D_1 (mm) = 4.9 LS (mm) = 1, 2, 3, 4, 5	D_1 (mm) = 4.9 $\propto 17^0$ LS (mm) = 0.5, 2, 3, 4, 5	D_1 (mm) = 4.9 $\propto 30^0$ LS (mm) = 0.5, 2, 3, 4, 5	D_1 (mm) = 4.9 $\propto 40^0$ 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.



P64 MULTI-UNIT STRAIGHT ABUTMENT

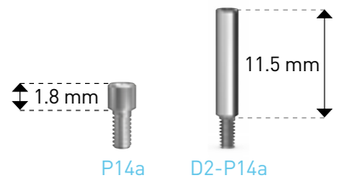




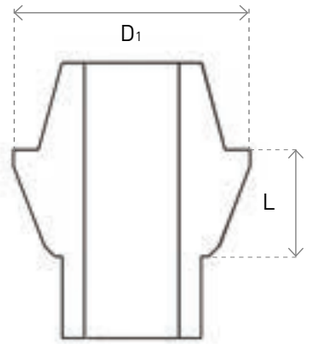
P0-P64 Healing Cap for P64	D2-P64 Transfer for P64 for open tray	D4-P64 Plastic Snap Transfer kit for P64	D1-P64 Analog for P64	P64-bT Titanium Sleeve for P64	P64b Plastic Sleeve for P64
P0-P64,5	D2-P64	D4-P64	D1-P64	P64-bT	P64b
D_1 (mm) = 4.9 L (mm) =5	D_1 (mm) = 4.9 L (mm) =10	D_1 (mm) = 4.9 L (mm) =10	D_1 (mm) = 4.9 L (mm) =14.2	D_1 (mm) = 4.9 L (mm) = 12	D_1 (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.

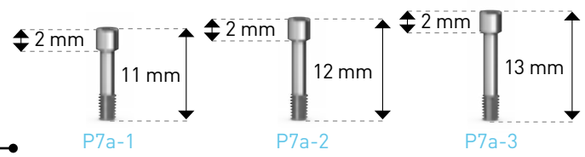


P7 ANTI-ROTATION AESTHETIC ABUTMENT



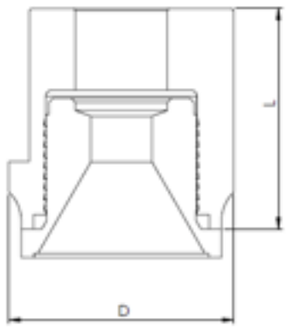
P7 Aesthetic abutment	P7b Plastic sleeve without hex	P7b-H Plastic sleeve with hex
P7-3.75,1	P7b	P7b-H
P7-3.75,2		
P7-3.75,3		
$D_{1\,(mm)}$ = 4.7 $L_{(mm)}$ = 1, 2, 3	$D_{1\,(mm)}$ = 6 $L_{(mm)}$ = 8.5	$D_{1\,(mm)}$ = 4.7 $L_{(mm)}$ = 12

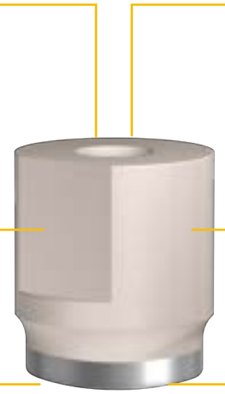
All abutments include a P7-a screw according to the abutment heights respectively. P7 includes a P7b plastic sleeve without hex.



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

Model analog for digital printed model manufacturing

Two-Piece design for precise positioning

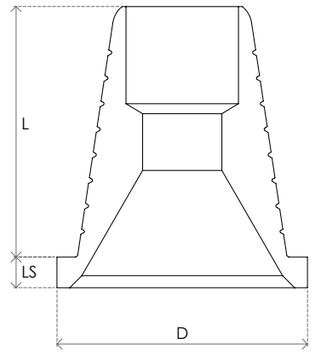
Scan Body includes a short screw P14a.
Model Analog include screw.

P14a

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

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

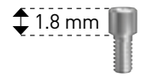
The scanning information is used to produce precise restoration on AB implants using CAD/CAM

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

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

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 Ti Conical Adhesive Sleeve	P64-bTs P64 Ti Straight Adhesive Sleeve	P14-bTs P14 Ti Straight Adhesive Sleeve
	P64-bRs P64 CoCr Straight Adhesive Sleeve	P14-bRs P14 CoCr Straight Adhesive Sleeve
D (mm) = 4.9 L (mm) = 5.5	D (mm) = 4.9 L (mm) = 5.55	D (mm) = 4.4 L (mm) = 5.5

All sleeves include P14a screw.

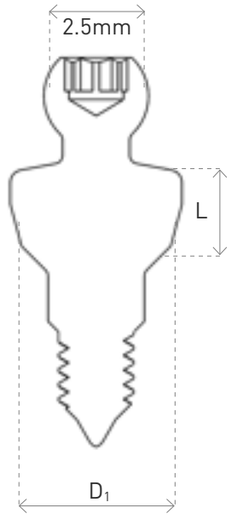


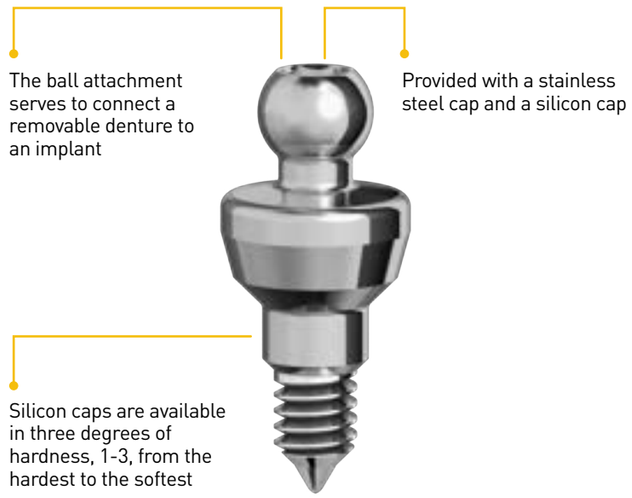
P14a

OVERDENTURE RESTORATION

STANDARD PLATFORM

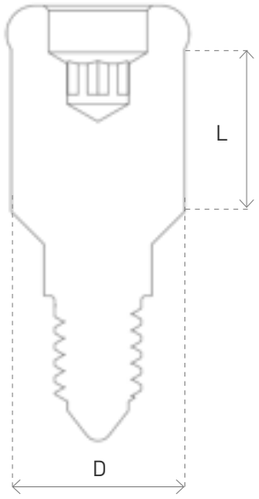
P5 BALL ATTACHMENT

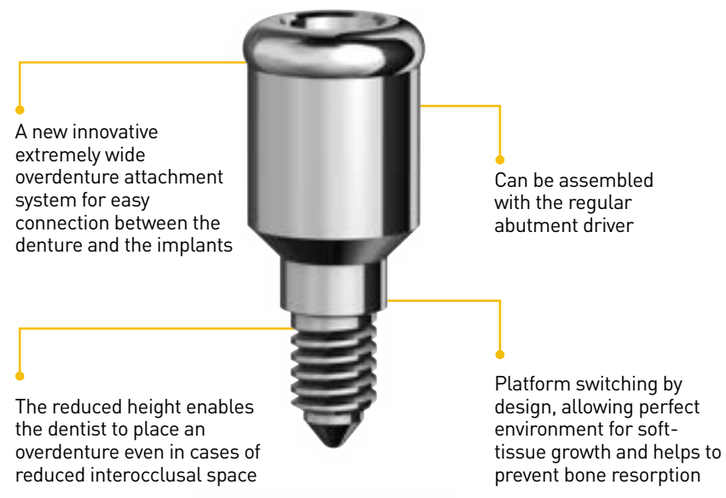




P5 Ball Attachment Abutment (sold with transparent silicon cap)	Related Parts Silicon caps are sold in pairs of the same color	P5 Set Includes: P5 Ball Attachment + P5b Transparent + P5a Metal Cap
P5-3.75,1	P5b-1 Grey **Hard** Silicon Cap	P5-3.75,1set
P5-3.75,2	P5b-2 Transparent **Medium** Silicon Cap	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	
$D_{1\,(mm)}$ =4.1 $L_{(mm)}$ =1, 2, 3 4, 5, 6	$D_{1\,(mm)}$ =4 $L_{(mm)}$ = 2.5	

P25 AB LOC ATTACHMENT

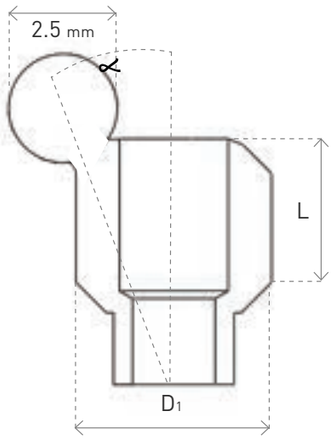


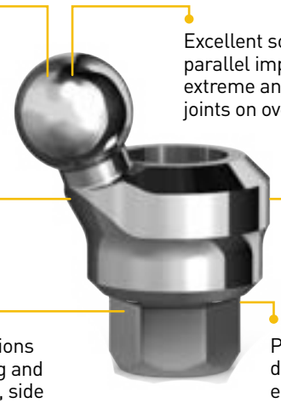


P25 AB LOC (sold with transparent silicon cap)	P25b/10set Silicon Cap (sold as a set of 5)	P25b/20set Silicon Cap (sold as a set of 5)	Related Parts
P25-3.75,0	Yellow Eextra soft	Yellow Eextra soft	P25a Metal Cap
P25-3.75,1	Pink Soft	Pink Soft	P25d Protective Disk
P25-3.75,2	Purple Strong	Purple Strong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

P5-20 ANGULAR BALL ATTACHMENT 20°

ISSUED PATENT!





Multi-optional angular ball attachment, made from a single piece, designed to connect a denture on tilted implants

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

Enables adjustment of the angle at which the implant is positioned

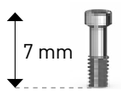
Issued Patent by AB Dental

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

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

P5-20 Angular ball attachment 20° (sold with transparent silicon cap)	Related Parts Silicon caps are sold in pairs of the same color	P5 Set 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	
$D_{1\,(mm)}$ =4 ∝ 20° $L_{(mm)}$ =1, 2, 3, 4, 5, 6	$D_{1\,(mm)}$ =4 $L_{(mm)}$ =2.5	

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



P5-20a

P5\P25 ANGULAR BASE ATTACHMENT

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

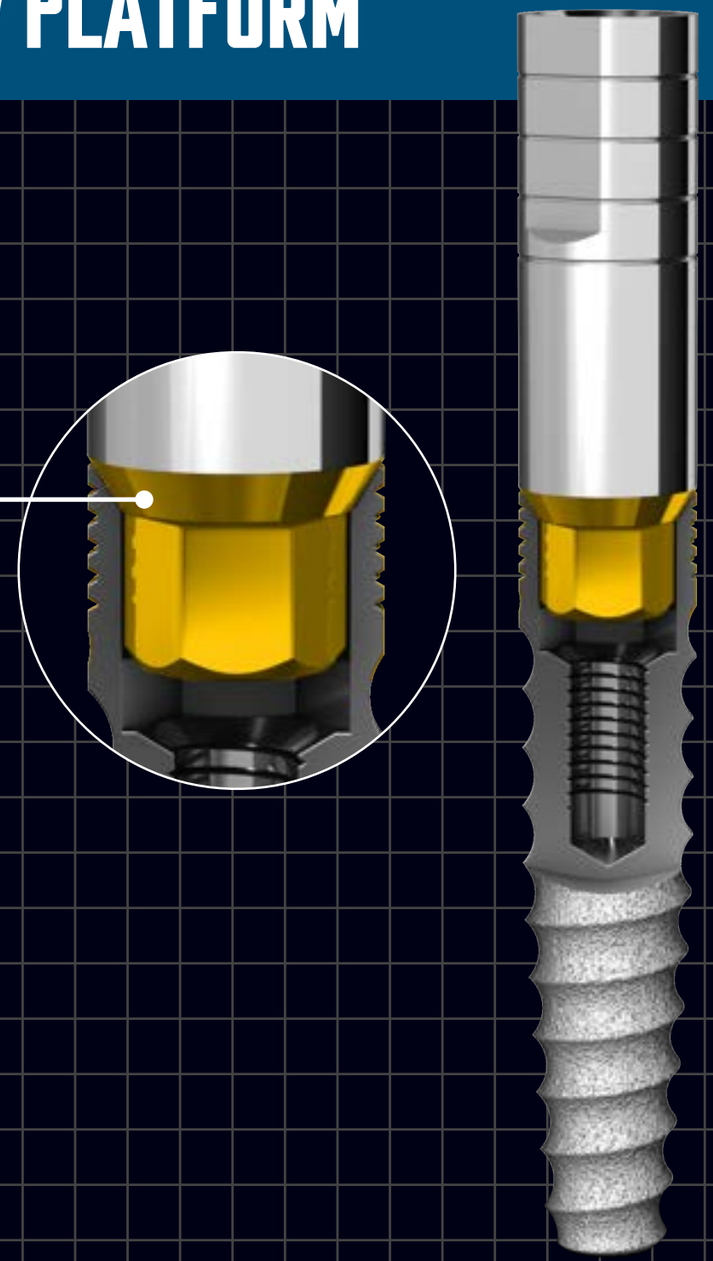
P14base-17 Base for angular adaptor	P14base-30 Base for angular adaptor	P5-P14 Ball for angular adaptor	P25-P14 AB LOC for Angular Adaptor
P14base,17-1	P14base,30-1	P5-P14,1	P25-P14,1
P14base,17-3	P14base,30-3	P5-P14,2	P25-P14,2
$D_{1\,(mm)}$ = 4.4 ∝ 17° $LS_{(mm)}$ = 1.35, 3.75	$D_{1\,(mm)}$ = 4.4 ∝ 30° $LS_{(mm)}$ = 1.5, 3	$D_{1\,(mm)}$ = 4.4 $L_{(mm)}$ = 12	$D_{1\,(mm)}$ = 4.4 $L_{(mm)}$ = 1,2

P14 base is available with P14e screw.

P14e

NARROW PLATFORM

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



NARROW PLATFORM

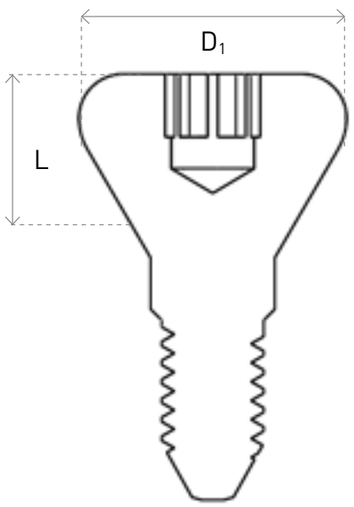
The order and presentation of these products is based on impressions taken from an implant.
There is also an option to take an impression after connecting the abutment to the implant.

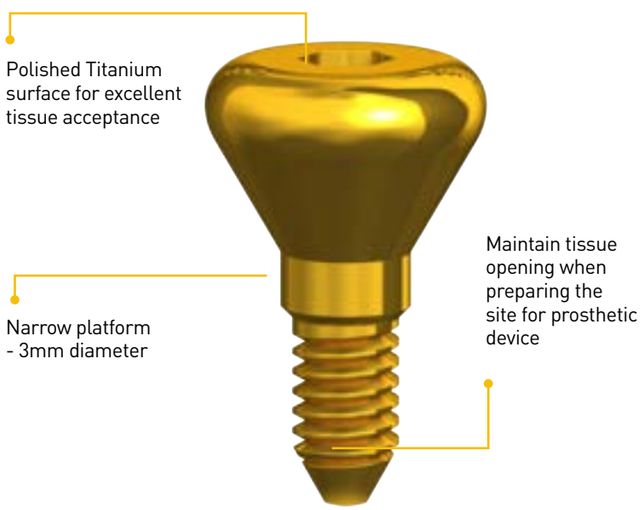
Abutment closure torque 25Ncm.
Screw retained sleeve closure torque 20Ncm.

	Healing caps	Transfers / Scan Bodies / Analogs		Abutments
		Impressions	CAD/CAM	Temporary
Cement-Retained Restoration	P0-3 Page 108	D1-3 Page 112 D2-3 Page 109 D2O-3 Page 109	P3L-3,SC Page 120 D1-3,MA Page 120	P3S-PEEK-3 Page 114
Screw-retained Restoration	P0-P14 Page 124 P0-P64 Page 124	D3-3 Page 110 D3W-3 Page 110	D1-P14 Page 124 D2-P14 Page 124 D1-P64 Page 126 D2-P64 Page 126 D4-P64 Page 126 P14,SC Page 96 P64,SC Page 96 D1-P64,MA Page 96	P14-bT Page 124 P64-bT Page 126
Overdenture Restoration		D4 Page 111		

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

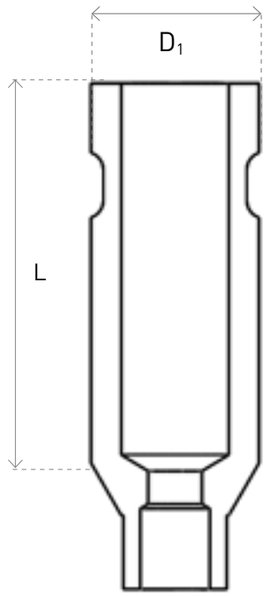
P0 TITANIUM HEALING CAP

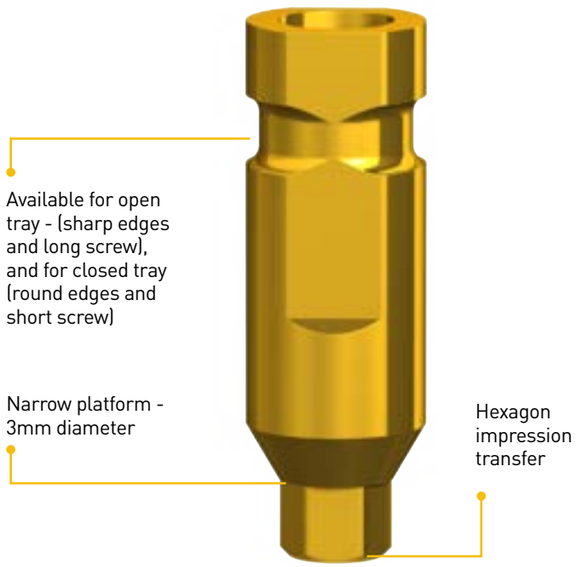




P0
Titanium healing cap
P0-3,2
P0-3,3
P0-3,4
P0-3,5
P0-3,7
$D_{1\,(mm)}$ = 4.2 $L_{(mm)}$ = 2, 3, 4, 5, 7

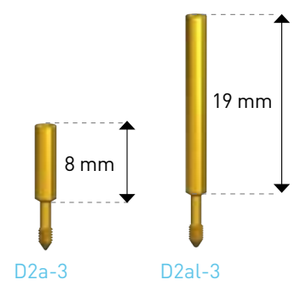
D2 IMPRESSION TRANSFER



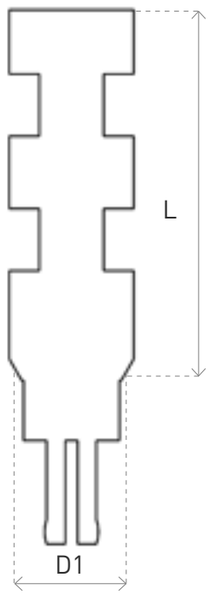


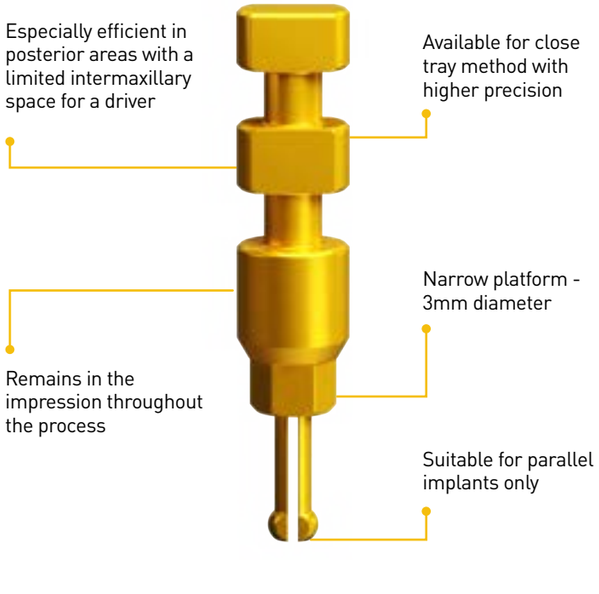
D2	D20
Impression transfer for closed tray	Impression transfer for open tray
D2-3,9	D20-3,15
$D_{1\,(mm)}$ = 3.75 $L_{(mm)}$ = 9	$D_{1\,(mm)}$ = 3.5 $L_{(mm)}$ = 15

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



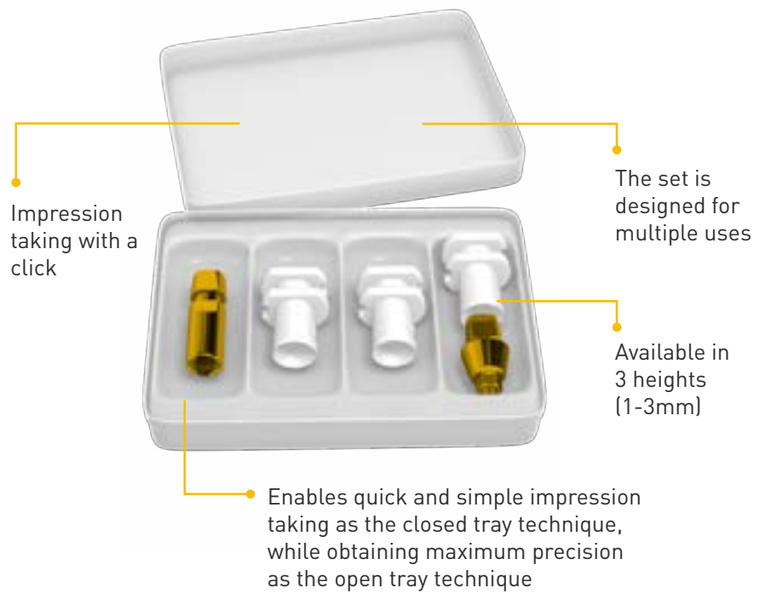
D3 CLIP TRANSFER





D3	D3W
Clip transfer	Wide clip transfer
D3-3,9	D3W-3,9
$D_{1\,(mm)} = 3.5$ $L_{(mm)} = 9$	$D_{1\,(mm)} = 4.5$ $L_{(mm)} = 9$

D4 PLASTIC SNAP TRANSFER WITH ABUTMENT



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

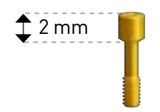
D4-3
Plastic snap transfer with abutment
D4-3,1
D4-3,2
D4-3,3
$D_{1\,(mm)} = 5.17$ $L_{(mm)} = 1,2,3$

D1-3
Narrow Platform Implant Analog

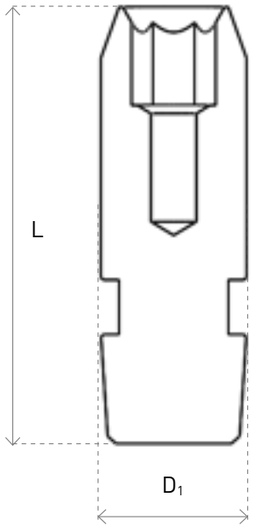
PK-D2
Plastic Transfer

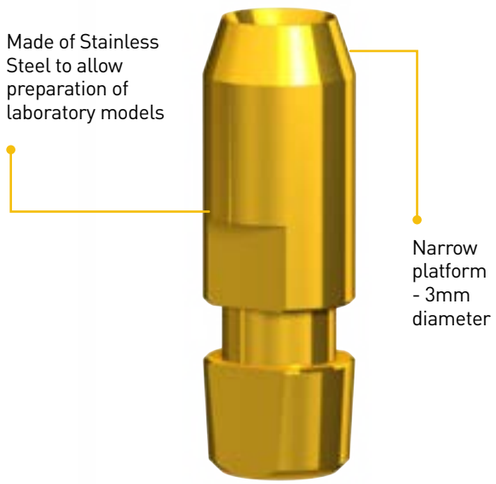
PK-P3-3
Anatomic Anti-Rotation Abutment
Narrow Platform

All abutments include a short screw.



D1 ANALOG





D1-3

Analog

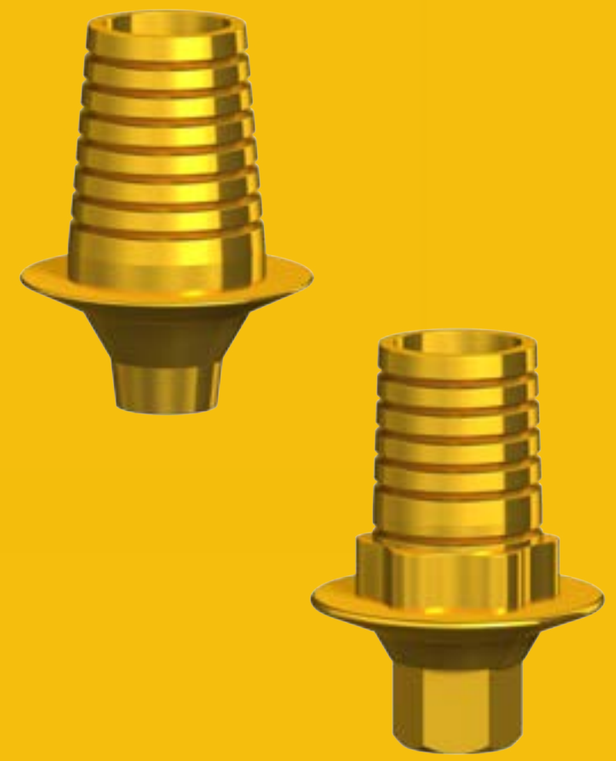
D1-3

$D_{1\,(mm)}$ = 4

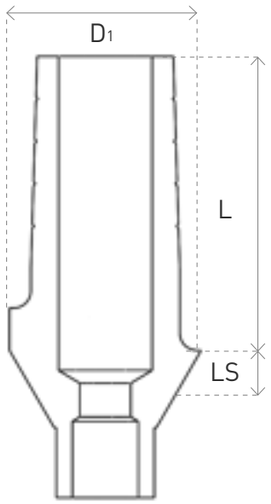
$L_{(mm)}$ = 12

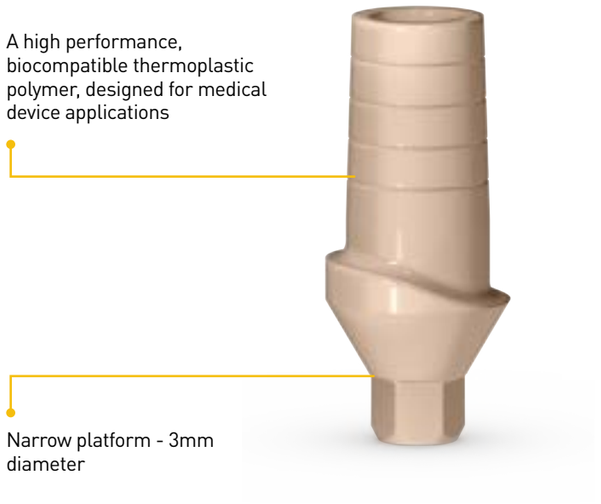
CEMENT-RETAINED RESTORATION

NARROW PLATFORM



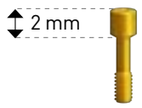
P3S-PEEK TEMPORARY ANATOMIC ANTI-ROTATION ABUTMENT





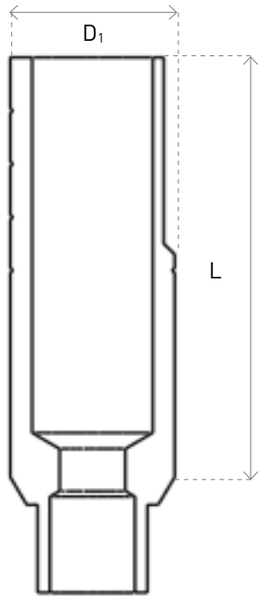
P3S PEEK
Temporary peek anatomic anti-rotation abutment
P3S-PEEK-3,1
P3S-PEEK-3,2
P3S-PEEK-3,3
$D_{1\,(mm)} = 4.5$ $L_{(mm)} = 7.4$ $LS_{(mm)} = 1, 2, 3$

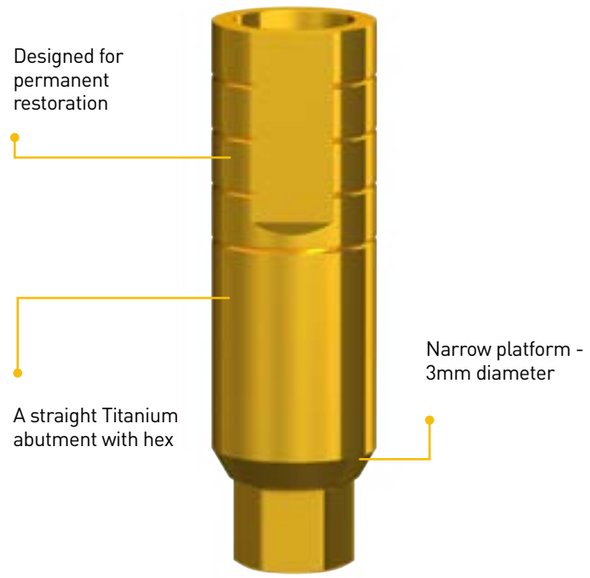
All abutments include a short screw.



P3a-3

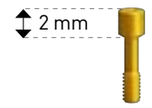
P3 ANTI-ROTATION ABUTMENT





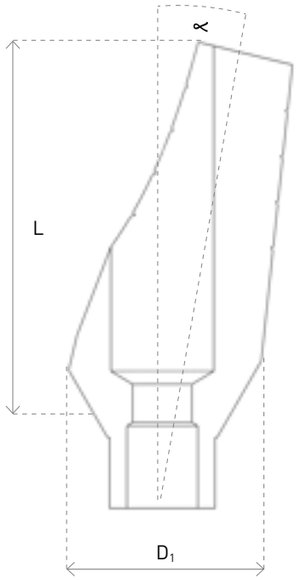
P3	P3W	P3S
Anti-rotation abutment	Wide anti-rotation abutment	Anatomic anti-rotation abutment
P3-3,9	P3W-3,9	P3S-3,1
P3-3,12		P3S-3,2
		P3S-3,3
$D_{1\,(mm)} = 3$ $L_{(mm)} = 9, 12$	$D_{1\,(mm)} = 4$ $L_{(mm)} = 9$	D=3.8 L=7.5 LS=1,2,3

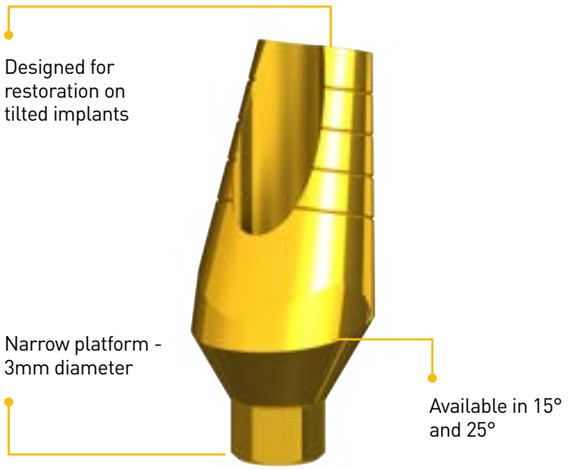
All abutments include a short screw.



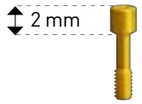
P3a-3

P4 ANGULAR ABUTMENT





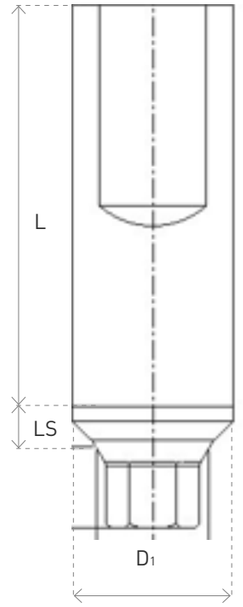
P4 Angular abutment	P4L Long angular abutment	P4S-15 Anatomic angular abutment 15° with shoulder
P4-3,15	P4L-3,15	P4S-3,15-1
P4-3,25	P4L-3,25	P4S-3,15-2
		P4S-3,15-3
$D_{1\,(mm)}$ = 4.2 ∝ 15°, 25° $L_{(mm)}$ = 8	$D_{1\,(mm)}$ = 4.5 for 15° $D_{1\,(mm)}$ = 4.7 for 25° ∝ 15°, 25° $L_{(mm)}$ = 13	$D_{1\,(mm)}$ = 4.1 ∝ 15° $L_{(mm)}$ = 7 $LS_{(mm)}$ = 1, 2, 3

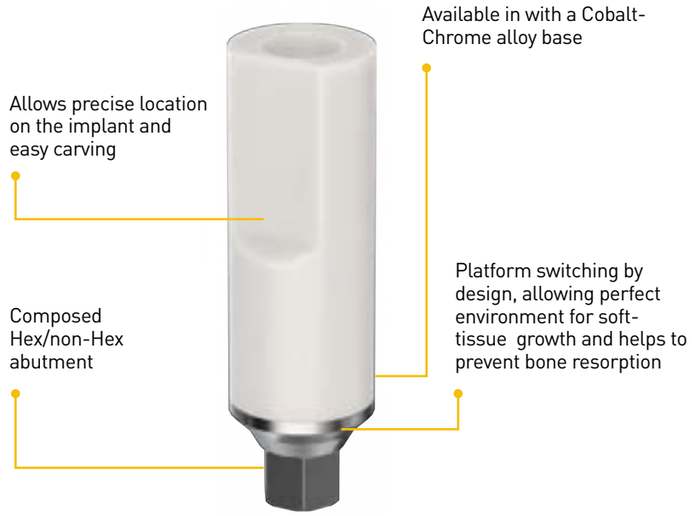


All abutments include a short screw.

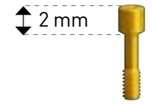
P3a-3

P9 COMPOSED ABUTMENT





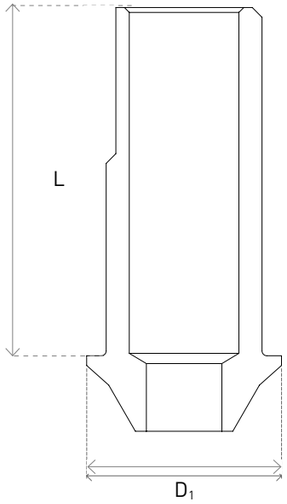
P9HR NEW Cobalt-Chrome Composed Hex Abutment (for crown)	P9R NEW Cobalt-Chrome Composed Abutment (for bridge)
P9HR-3,11	P9R-3,11
$D_{1\,(mm)}$ = 4 $L_{(mm)}$ = 11	$D_{1\,(mm)}$ = 4 $L_{(mm)}$ = 11 $LS_{(mm)}$ = 1

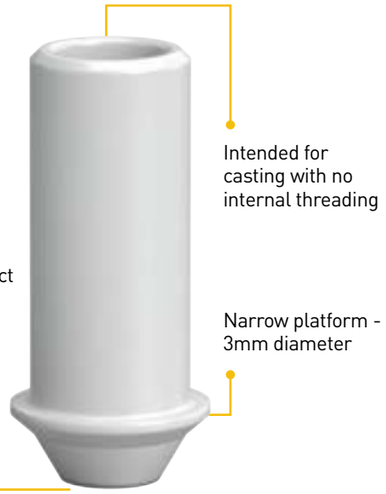


All abutments include a short screw.

P3a-3

P2N PLASTIC SLEEVE



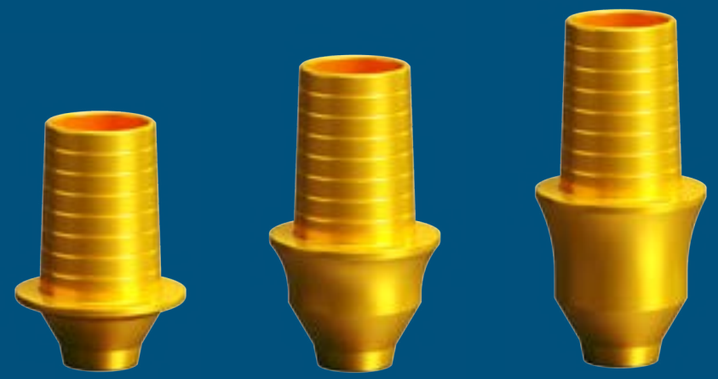


P2N	P2NH
Plastic Sleeve w/Fixation narrow screw - straight (for bridge)	Plastic Sleeve w/Fixation narrow screw - Straight w/Hex (for crown)
P2N-3,15	P2NH-3,15
$D_{1\,(mm)}$ = 4 $L_{(mm)}$ = 7.15	$D_{1\,(mm)}$ = 4 $L_{(mm)}$ = 7.15

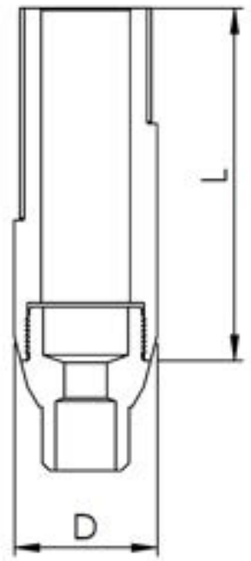
P3a-3

All abutments include a short screw.

CAD/CAM PRODUCTS
NARROW PLATFORM



CAD/CAM SCAN ABUTMETS



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

P3,SC

Scan Abutment

P3-3,SC

Scan Abutment
Narrow Platform

D (mm) = 4.5
L (mm) = 6,1

P3L,SC

Narrow Long Scan Abutment

P3L-3,SC

Long Scan Abutment
Narrow Platform

D (mm) = 3.7
L (mm) = 10

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

P3a-3

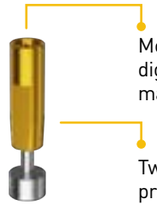
D1-3,MA

Digital Model Analog

D1-3,MA

Implant Model
Analog Narrow Platform

D (mm) = 3.5
L (mm) = 11
* Includes screw



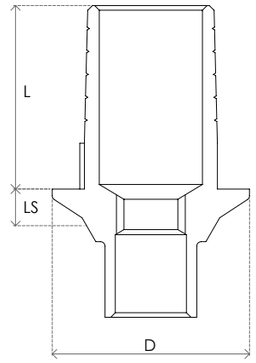
Model analog for digital printed model manufacturing

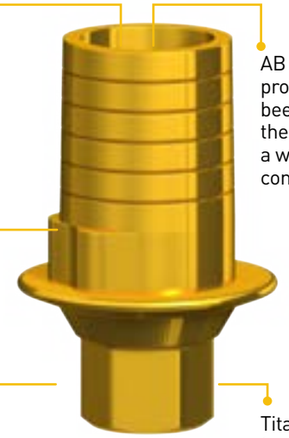
Two-Piece design for precise positioning

3shape ZirkonZahn exocad dental wings

The CAD/CAM libraries were validated in the following 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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Titanium base for cementing crowns and bridges made by CAD/CAM

P3,TI

Slim Ti Base Abutment for Single Crown

P3-3,TI
Ti Base Slim
H0.8mm
Narrow Platform

P3-3,2,TI
Ti Base Slim
H2mm
Narrow Platform

P3-3,3,TI
Ti Base Slim
H3mm
Narrow Platform

D (mm) = 4.3
L (mm) = 4
LS mm=0.8, 2, 3

P3H,TIT

Wide Ti Base Abutment for Single Crown

P3H-3,TIT
Ti Base Wide
H0.8mm
Narrow Platform

D (mm) = 5.2
L (mm) = 4.5
L S(mm) = 0.8

P3N,TIT

Slim Rotational Ti Base Abutment for Bridges

P3N-3,0.6,TIT
Ti Base Rotational Slim
H0.6mm
Narrow Platform

P3N-3,2,TIT
Ti Base Rotational Slim
H2mm
Narrow Platform

P3N-3,3,TIT
Ti Base Rotational Slim
H3mm
Narrow Platform

D (mm) = 4.1
L (mm) = 4.1
L S(mm) = 0.6, 2, 3

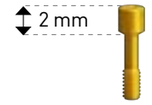
P3,TIT

Wide Rotational Ti Base Abutment for Bridges

P3-3,TIT
Ti Base Rotational Wide
H0.8mm
Narrow Platform

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

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: narrow - 3mm

The kit is available in a pack of ten.

PK-3
Prosthetic Kit
PK-3,1
PK-3,2
PK-3,3
$D_{1\ (mm)}$ = 5.17 $L_{(mm)}$ = 1,2,3

PK-D1
Implant Analog

PK-P2
Plastic Conical Sleeve

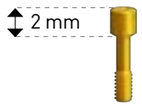
PK-D2
Plastic Transfer

PK-P2H
Plastic Conical Sleeve

PK-P0
Healing Cap

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

All abutments include a short screw.



P3a-3

SCREW-RETAINED RESTORATION

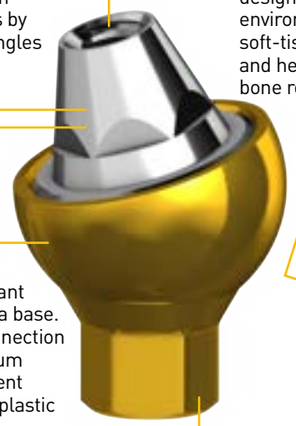
NARROW PLATFORM

P14 MULTI-UNIT ANGULAR 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



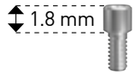
Platform switching by design, allowing perfect environment for soft-tissue growth and helps to prevent bone resorption

A perfect solution for "All on four" restorations

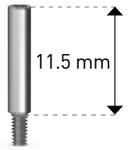
P0-P14	D2-P14	D1-P14	P14b
Healing Cap for P14	Impression Transfer for P14	Analog for P14	Sleeves for P14
P0-P14,2.5	D2-P14	D1-P14	P14b-Plastic
P0-P14,4			P14-bt-Titanium
P0-P14,5			P14-bR-Cobalt Chrome
P0-P14,7			
$D_{1\,(mm)}$ = 4.4 $L_{(mm)}$ =2.5, 4, 5, 7	$D_{1\,(mm)}$ = 4.4 $L_{(mm)}$ =12.5	$D_{1\,(mm)}$ = 4.4 $L_{(mm)}$ =14.2	$D_{1\,(mm)}$ = 4.4 $L_{(mm)}$ = 10,12,12

P14b P14-bT P14-bR

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

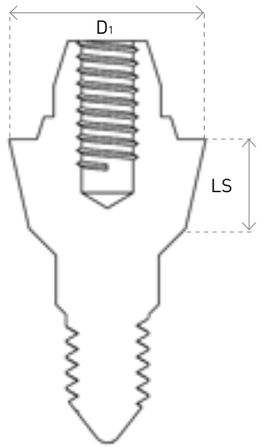


P14a



D2-P14a

P16 MULTI-UNIT STRAIGHT ABUTMENT



The upper cone solves the lack of parallelism

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

The impression-taking is performed over the installed adaptors

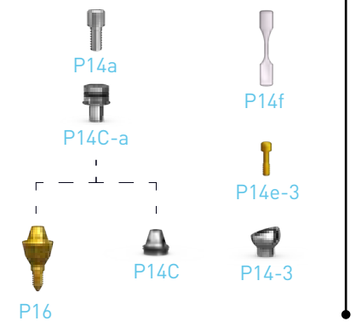
The new product design allows for a greater space for the gums

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		
$D_{1\,(mm)}$ = 4.4 $LS_{(mm)}$ = 1, 2, 3, 4	$D_{1\,(mm)}$ = 4.4 $\propto 17^0$ $LS_{(mm)}$ = 1.5, 3	$D_{1\,(mm)}$ = 4.4 $\propto 30^0$ $LS_{(mm)}$ = 1, 3

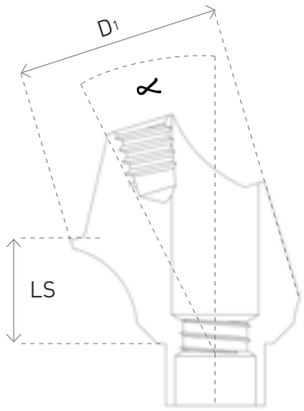
P14/P16 adaptors include P14a screw.

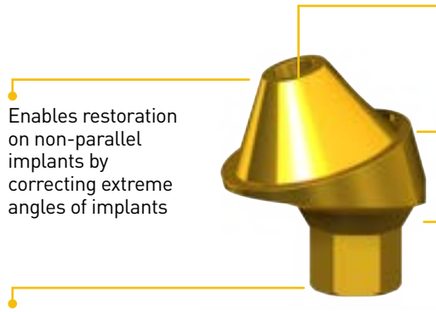
P14/P16 components



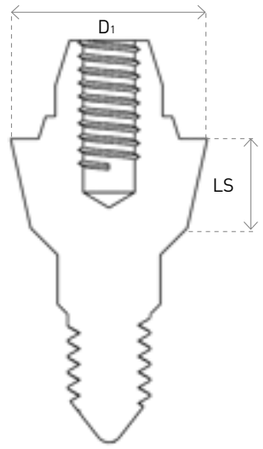
P14a P14C-aL

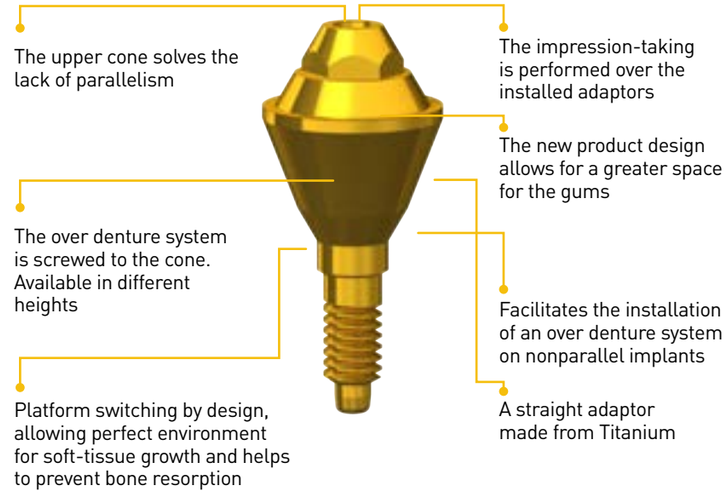
P64 MULTI-UNIT ABUTMENT





P64 MULTI-UNIT ABUTMENT

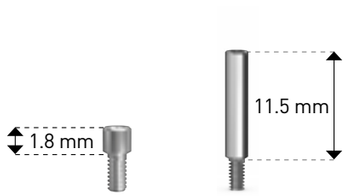




P0-P64	D2-P64	D4-P64	D1-P64	P64-bT	P64b
Healing cap for P64	Transfer for P64	Plastic Snap Transfer kit for P64	Analog for P64	Analog for P64	Plastic sleeve for P64
P0-P64,5	D2-P64	D4-P64	D1-P64	P64-bT	P64b
D1 (mm) = 4.9 L (mm) =5	D1 (mm) = 4.9 L (mm) =10	D1 (mm) = 4.9 L (mm) =10	D1 (mm) = 4.9 L (mm)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

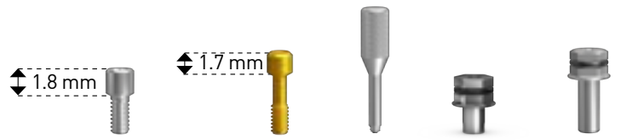
The D4-P64 set contains : PK-D2 Transfer (3 units), Special P64 Adapter and P14a screw.

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



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

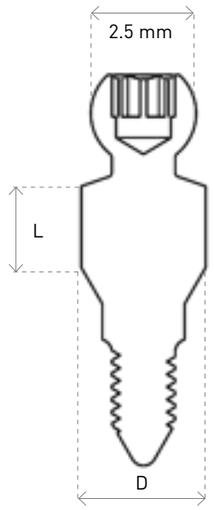
P64 angular adaptor includes P64e-3 screw.
P64 straight adaptor is provided with P14C-a Carrier and P14a screw.
P64 angular adaptor is provided with P64c Carrier.
P14C-aL is an optional long Carrier.

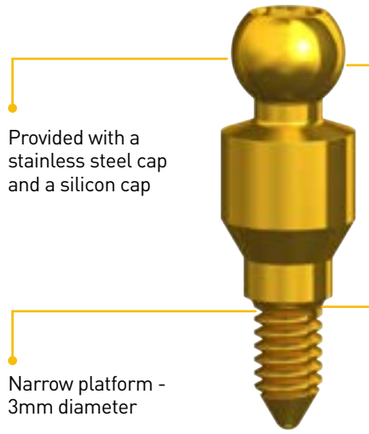


OVERDENTURE RESTORATION

NARROW PLATFORM

P5 BALL ATTACHMENT





Provided with a stainless steel cap and a silicon cap

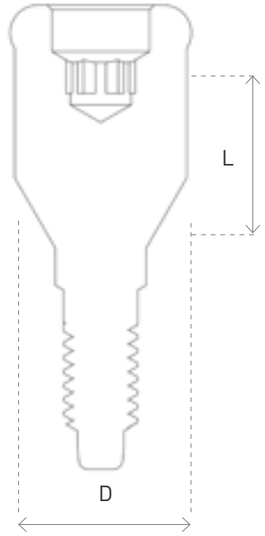
The ball attachment serves to connect a removable denture to an implant

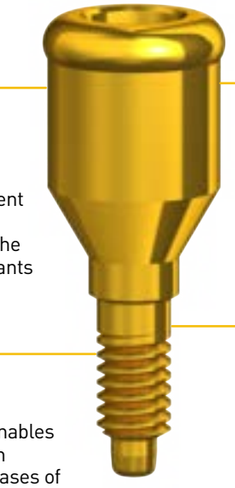
Narrow platform - 3mm diameter

Silicon caps are available in three degrees of hardness, 1-3, from the hardest to the softest

P5 Ball Attachment Abutment (sold with transparent silicon cap)	Related Parts Silicon caps are sold in pairs of the same color	P5 Set 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	
$D_{1\,(mm)}$ =3 $L_{(mm)}$ =1, 2, 3 4, 5, 6	$D_{1\,(mm)}$ =4 $L_{(mm)}$ = 2.5	

P25 AB LOC ATTACHMENT





A new innovative extremely wide overdenture attachment system for easy connection between the denture and the implants

Can be assembled with the regular abutment driver

The reduced height enables the dentist to place an overdenture even in cases of reduced interocclusal space

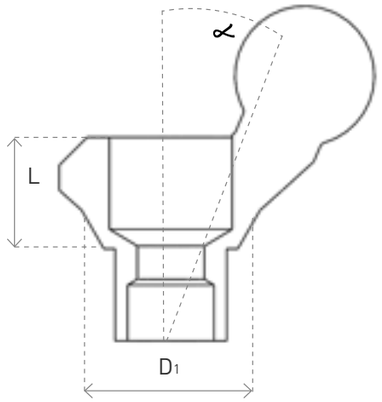
Platform switching by design, allowing perfect environment for soft-tissue growth and helps to prevent bone resorption

P25 AB LOC (sold with transparent silicon cap)
P25-3,0
P25-3,1
P25-3,2
P25-3,3
P25-3,4
P25-3,5
$D_{1\,(mm)}$ = 3.9 $L_{(mm)}$ = 0.2,1,2,3,4,5

P25b/10set Silicon Cap (sold as a set of 5)	P25b/20set Silicon Cap (sold as a set of 5)	Related Parts
Yellow Eextra soft	Yellow Eextra soft	P25a Metal Cap
Pink Soft	Pink Soft	P25d Protective Disk
Purple Strong	Purple Strong	
Transparent Standard	Transparent Standard	
Black For lab	Black For lab	
$D_{1\,(mm)}$ =4.6 $L_{(mm)}$ =1.7	$D_{1\,(mm)}$ =4.6 $L_{(mm)}$ =1.7	

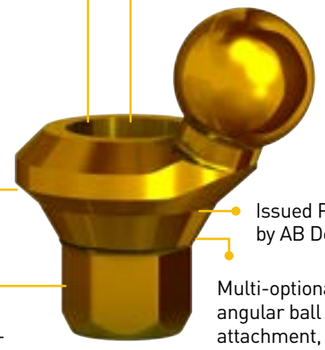
P5-20 ANGULAR BALL ATTACHMENT 20°

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

Issued Patent by AB Dental

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

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	
$D_{1\,(mm)}$ =4 ∝ 20° $L_{(mm)}$ =1.5, 3, 4, 5	$D_{1\,(mm)}$ =4 $L_{(mm)}$ =2.5	

P5-20a

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
$D_{1\,(mm)}$ = 4.4 ∝ 17° LS $_{(mm)}$ = 1.35, 3.75	$D_{1\,(mm)}$ = 4.4 ∝ 30° LS $_{(mm)}$ = 1.5, 3	$D_{1\,(mm)}$ = 4.4 $L_{(mm)}$ = 12	$D_{1\,(mm)}$ = 4.4 $L_{(mm)}$ = 1,2

P14e-3

P14 base is available with P14e screw.

BONE GRAFTS & ACCESSORIES

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.

BIO MATERIAL BIOFILL-B

CE 1434

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

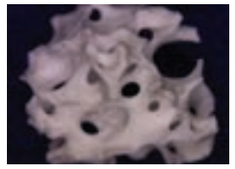
INDICATIONS
1. Bone regeneration and augmentation
2. Alveolar ridge defect
3. Extraction defect
4. Sinus augmentation
5. Periodontal defect

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

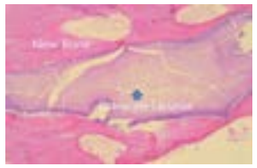
Bone Graft Biology



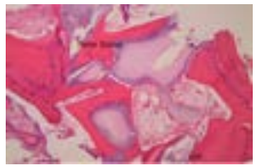
Angiogenic structure
Gold Standard
Multiporosity

Biopsy Results

3 Months biopsy findings



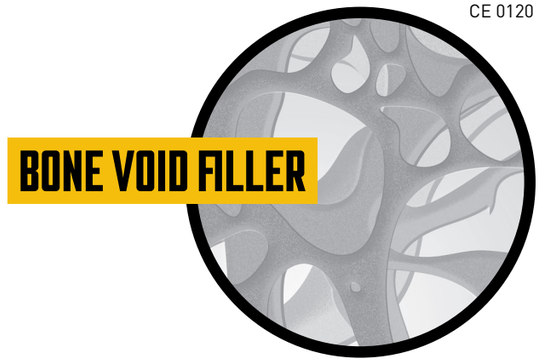
4 months biopsy result



4 Months biopsy

BIO MATERIAL BIOFILL-S

CE 0120



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)

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

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 effortless 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)

INDEX - ORDER BY CAT. NO.

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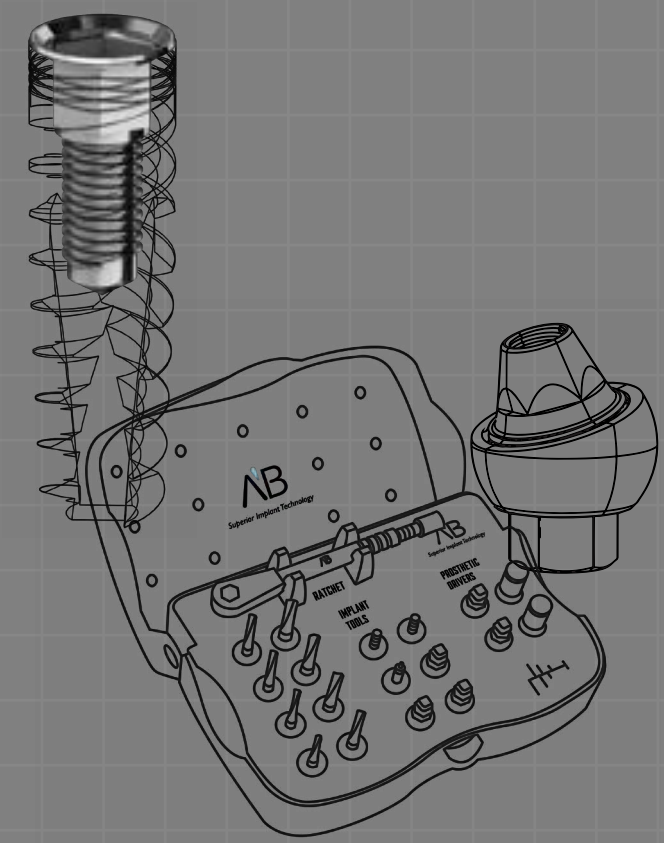
SUPERIOR IMPLANT TECHNOLOGY



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