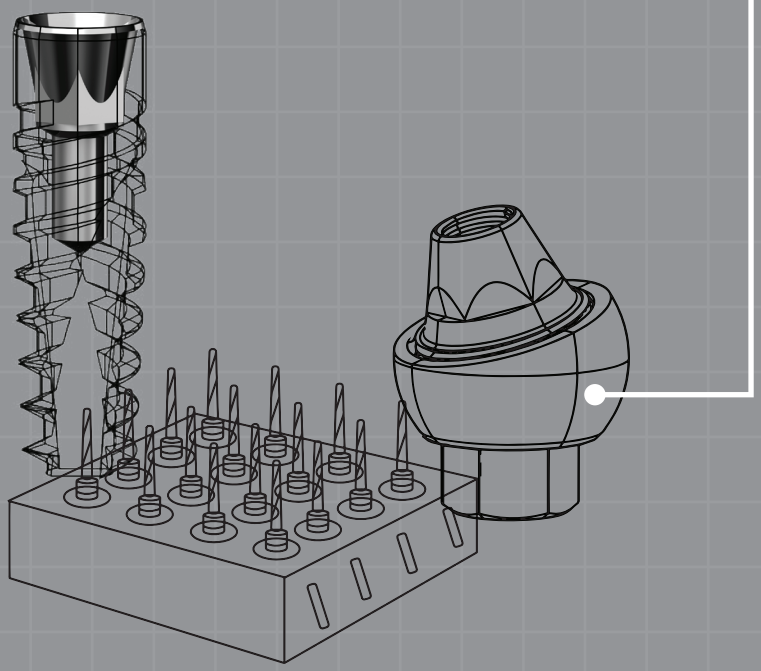
Superior Implant Technology

CATALOG

SUPERIOR IMPLANT TECHNOLOGY



CONTENT

COMPANY PROFILE

A.B. Dental is a dynamic and innovative service-based company providing the dentist a complete solution, which includes computerized implant planning and custom individual implants using laser-sintering technology.

With top-of-the-line technology and extensive industry experience, we specialize in the development, manufacturing and marketing of dental implants, prosthetic products and surgical tools.

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

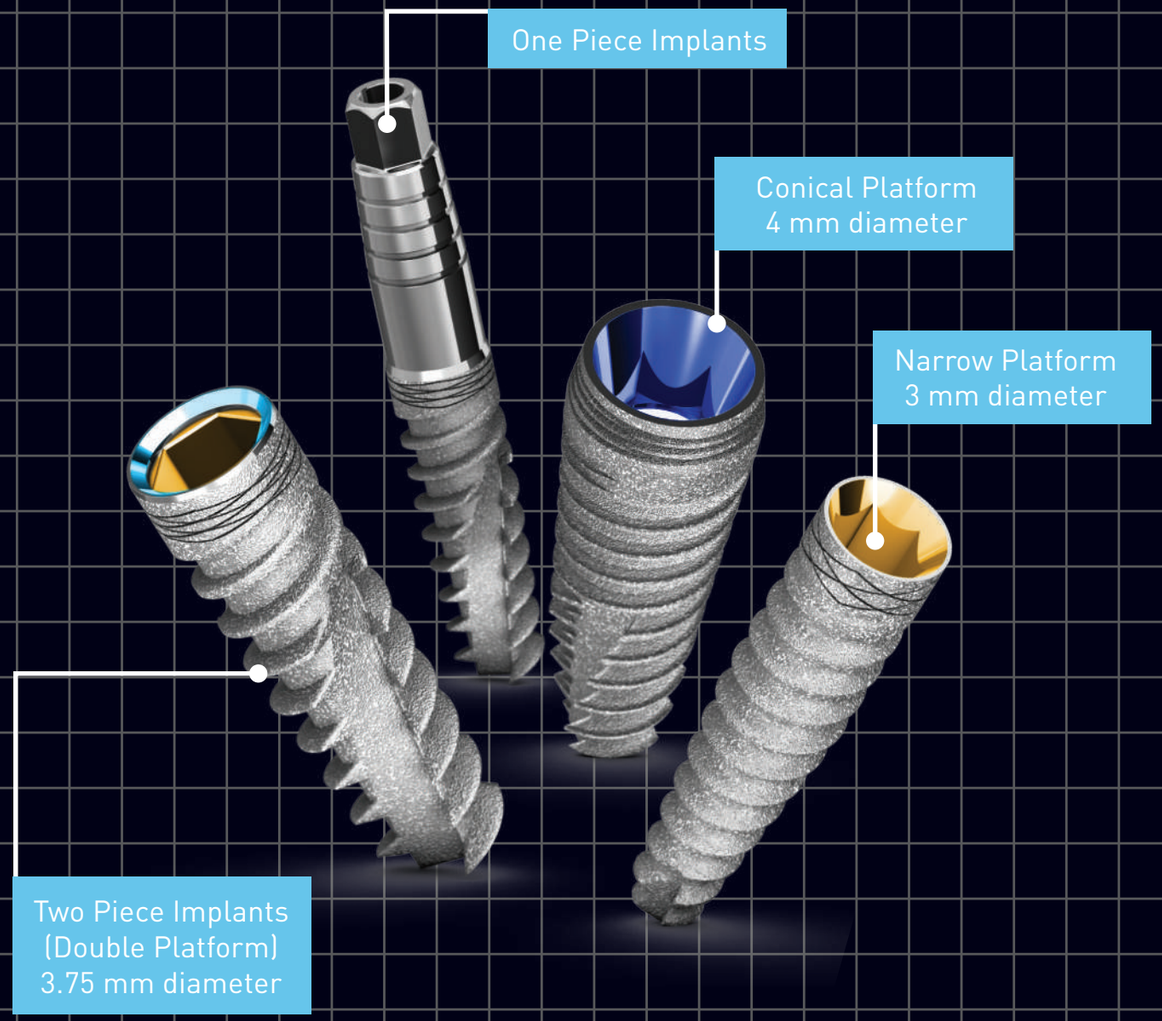
- Computerized implant planning
- 3D printing of surgical guides
- Custom individual implants using laser-sintering technology
- A wide range of implants, prosthetic products, tools, accessories and CAD/CAM solutions required for the dentist to perform an accurate and successful treatment
- In-house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

A.B. Dental adheres to the highest international standards and has obtained approvals from regulatory agencies in multiple countries: FDA (USA), CE (Europe), Russia Federation, AMAR (Israel), Chinese FDA, India FDA, Taiwan FDA, Australian TGA, Ukraine 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 - A.B.'s advisory board covers all aspects of dentistry and includes renowned researchers from leading universities, equipping A.B. 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.

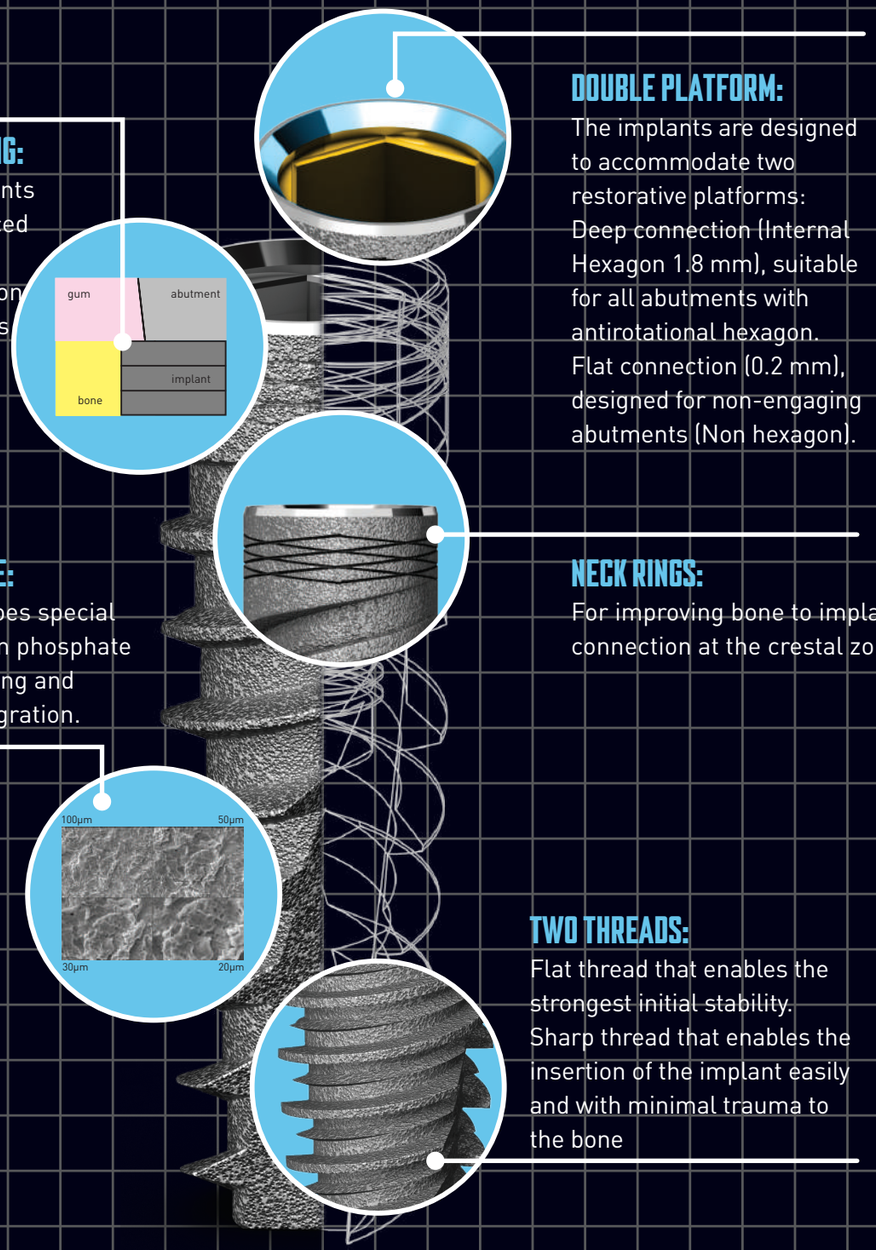
OUR DENTAL IMPLANTS ADVANTAGES



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 A.B. 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

A.B. Dental implants undergoes 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 A.B. 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.

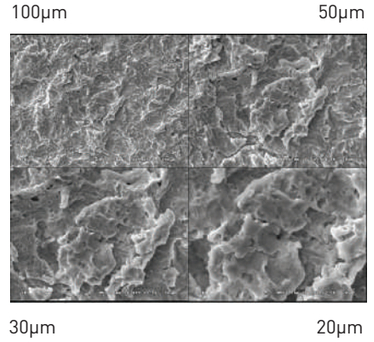


Figure 2:
Representative three-dimensional topographical reconstruction showing texturization at the micrometer and the nanometer level.

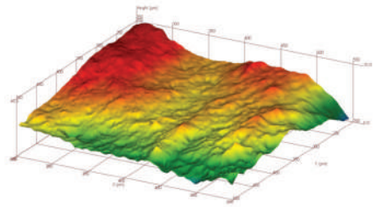
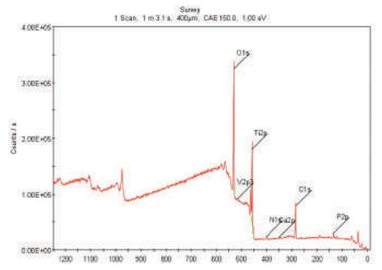
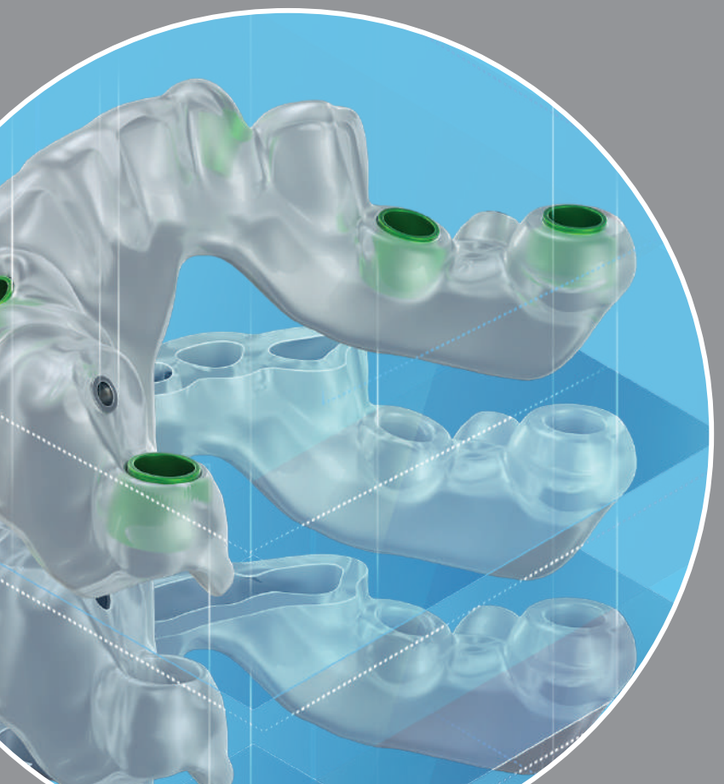


Figure 3:
Surface specific spectroscopy detecting only the elements of the implant with no contamination.

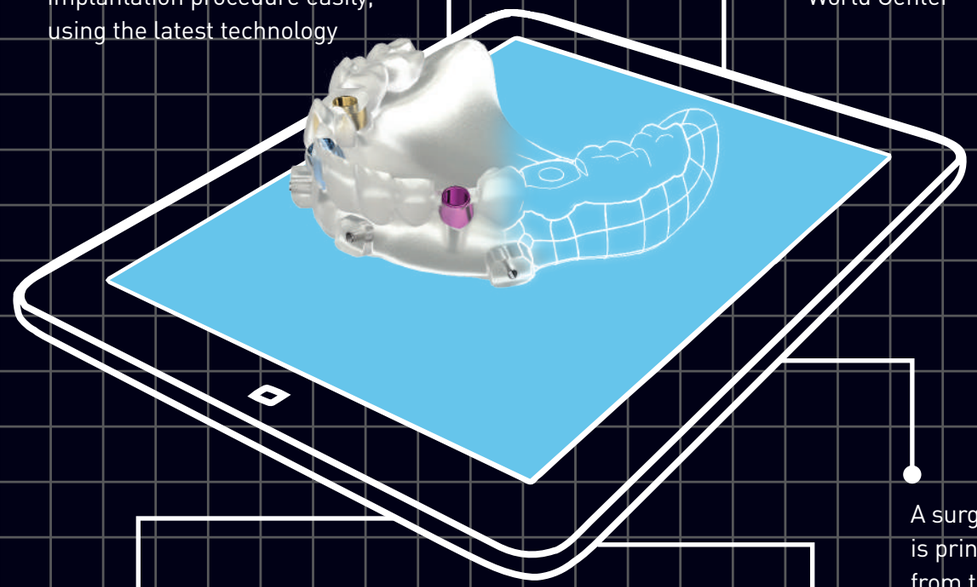


ABGUIDEDSERVICE



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 A.B. 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

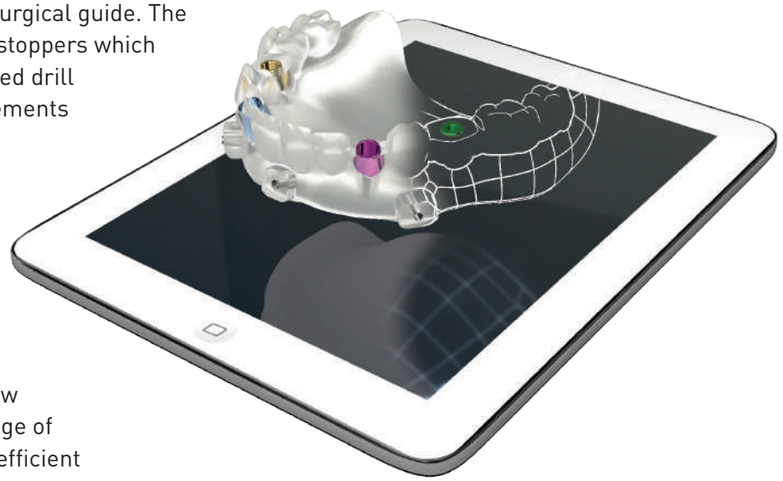
GENERAL INFORMATION

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.

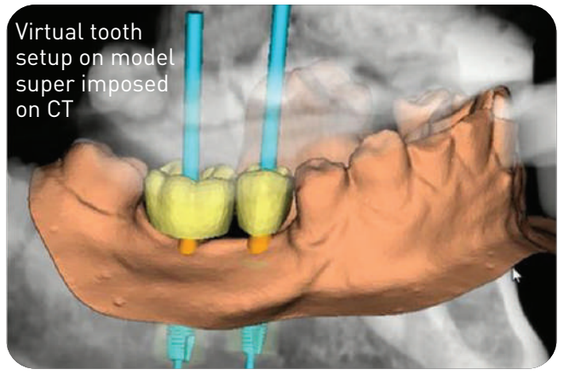


The surgery takes less time, and both you and your patient are more relaxed.
This technology will allow you to use your knowledge of implantology in a more efficient and safer way.

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

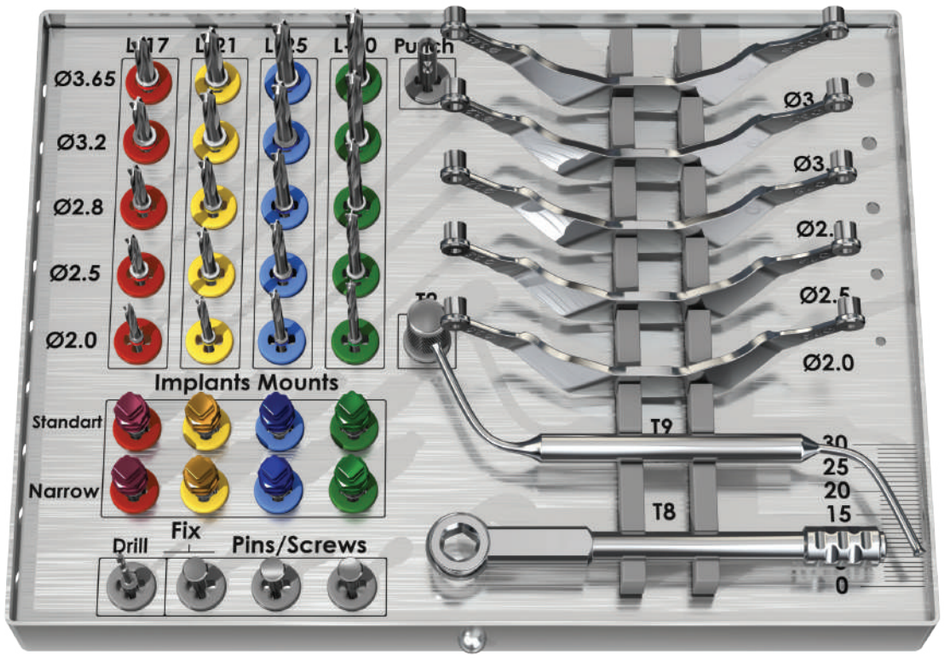
ALL CASES

- 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

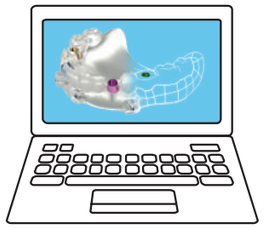
ABGUIDED DRILL KIT



STEP BY STEP

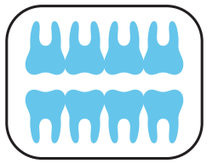
1

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



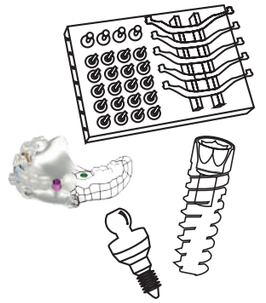
2

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



3

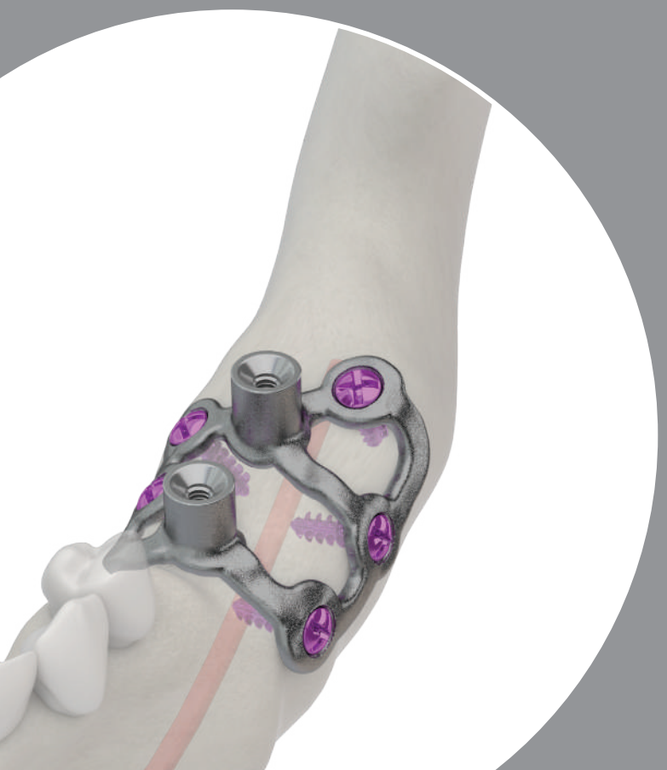
Implant surgery with ABGuide, A.B. implants and prosthetic parts and ABGuided drill kit. The implants and parts are provided for each case.

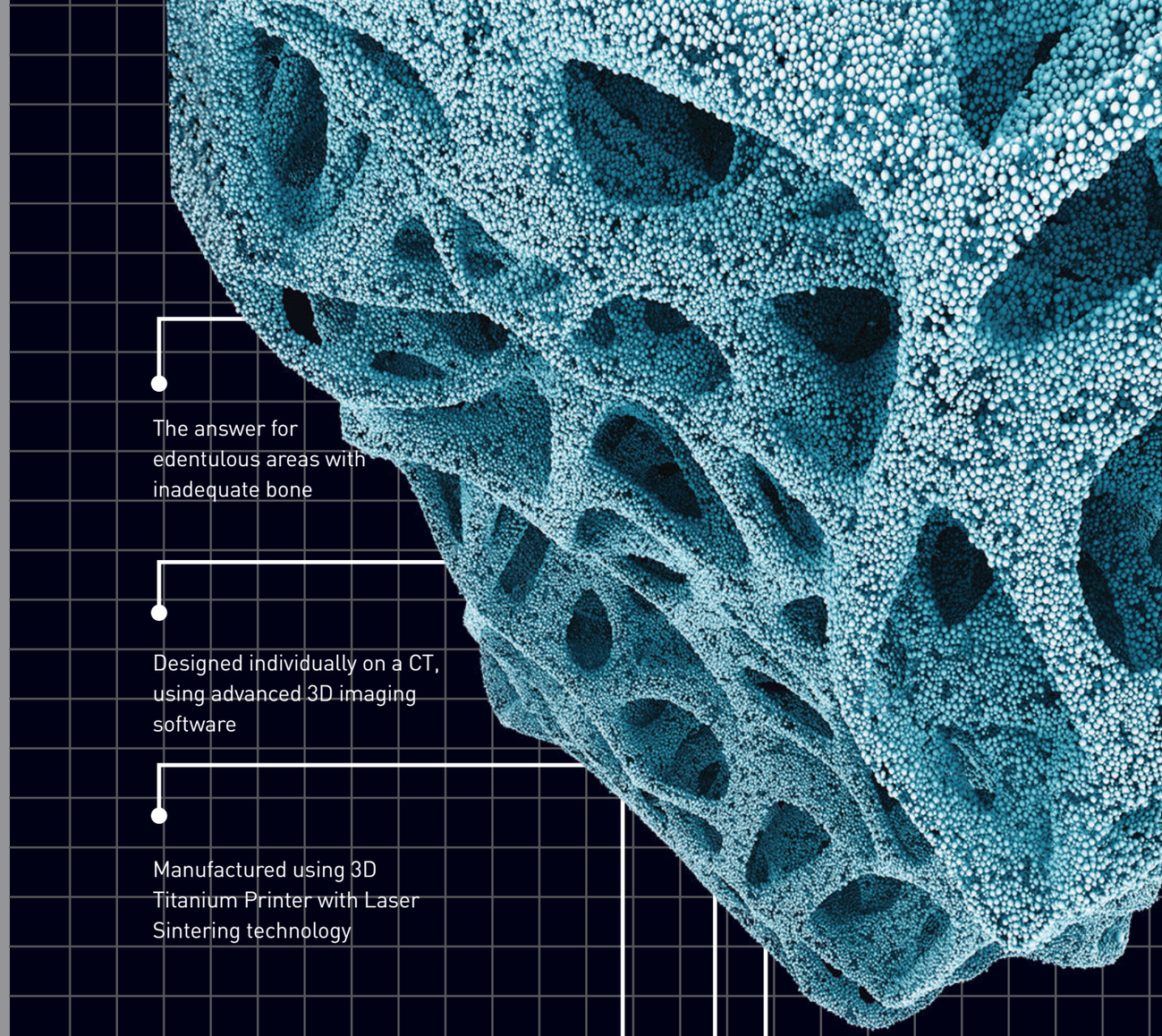


OPTION: MODELS WITH ANALOGS & TEMPORARY RESTORATIONS

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

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.

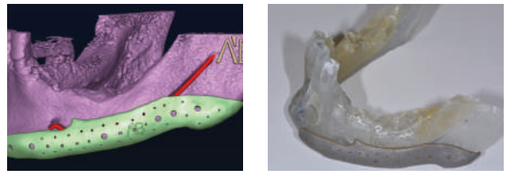
GENERAL INFORMATION

There are situations where conventional implants cannot provide a solution.
A.B. 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.

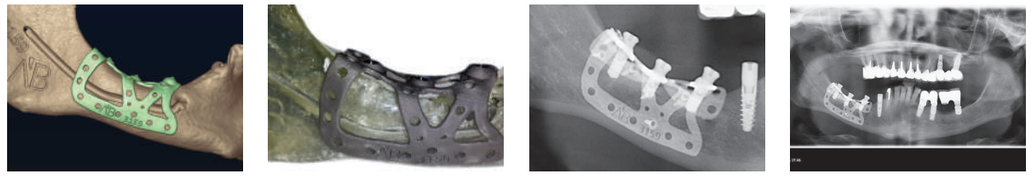
JAW RESTORATION

INDIVIDUALLY DESIGNED SPLINTING APPLIANCE

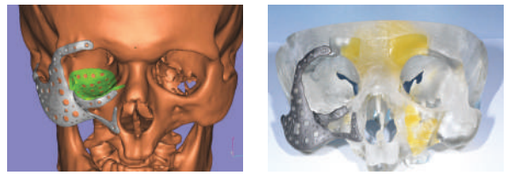


INDIVIDUALLY DESIGNED SUB-PERIOSTEAL IMPLANTS

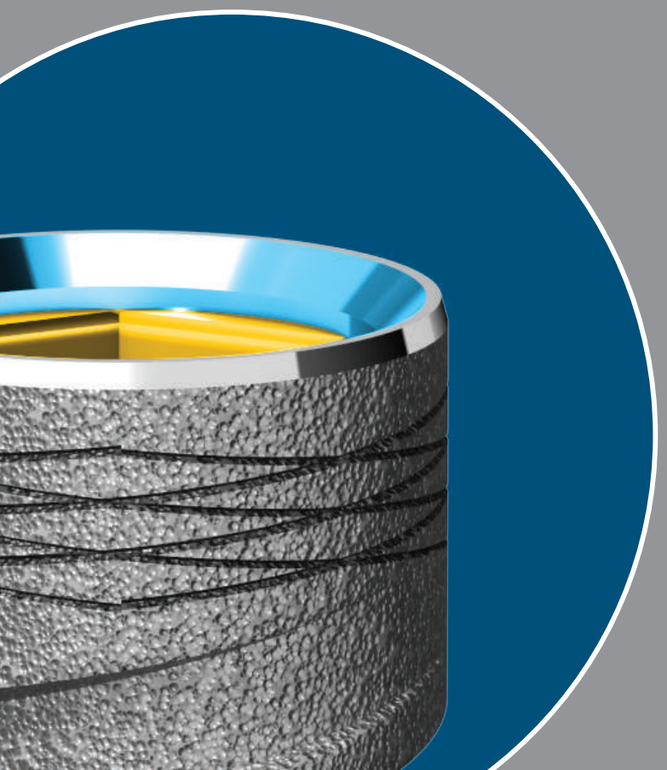
INDIVIDUALLY DESIGNED SUB-PERIOSTEAL IMPLANT – RIGHT MANDIBLE

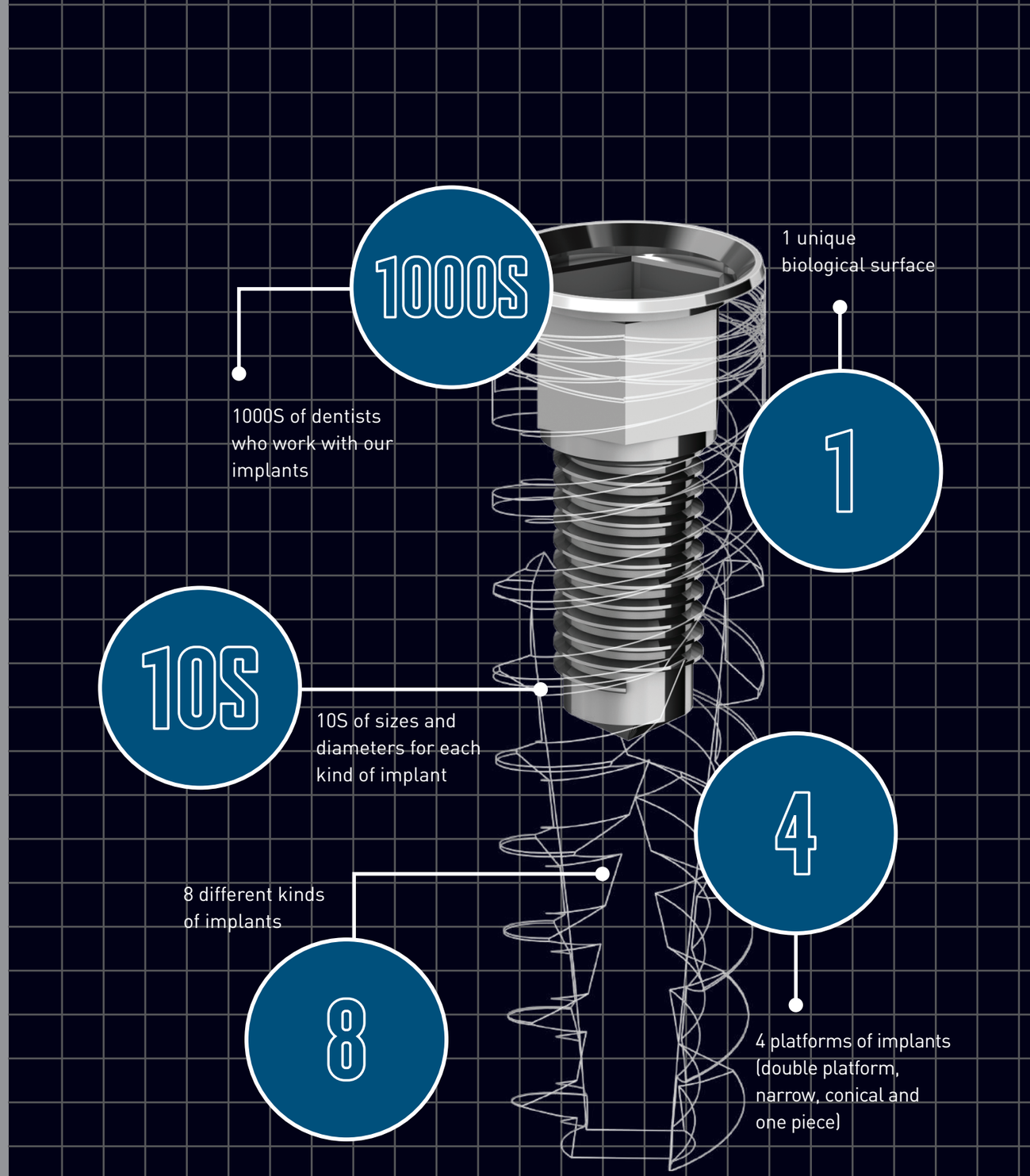


CRANIAL RECONSTRUCTION



DENTAL IMPLANTS





IMPLANT DRILL PROTOCOL

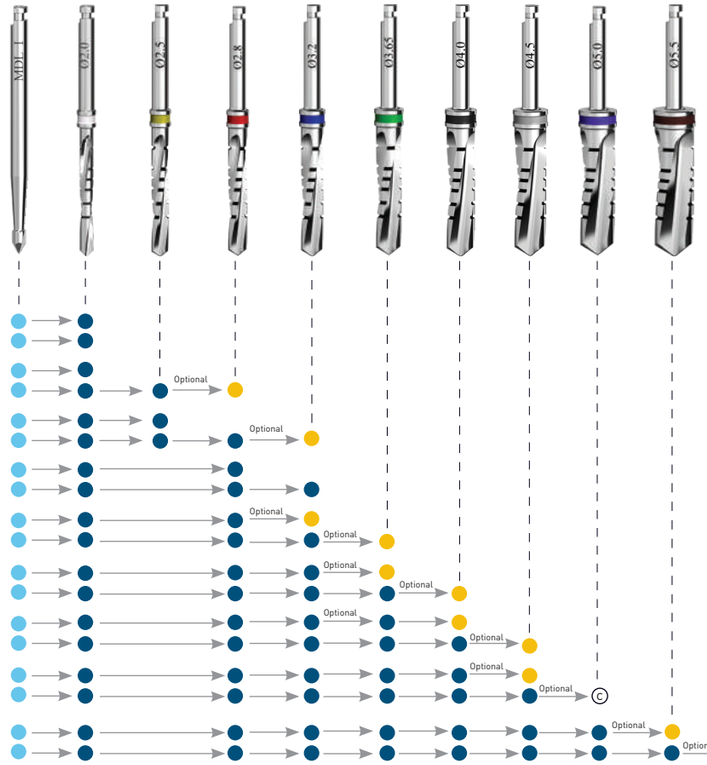
RECOMMENDED STRAIGHT DRILL PROTOCOL

	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

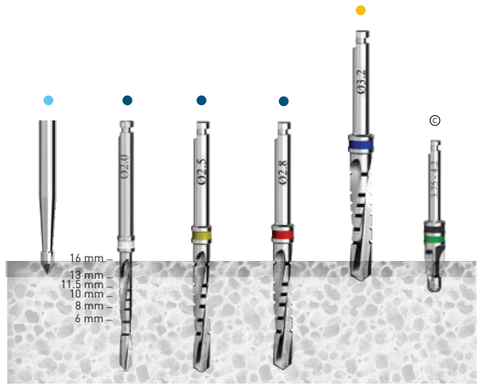
TD Straight drill bit



- 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

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

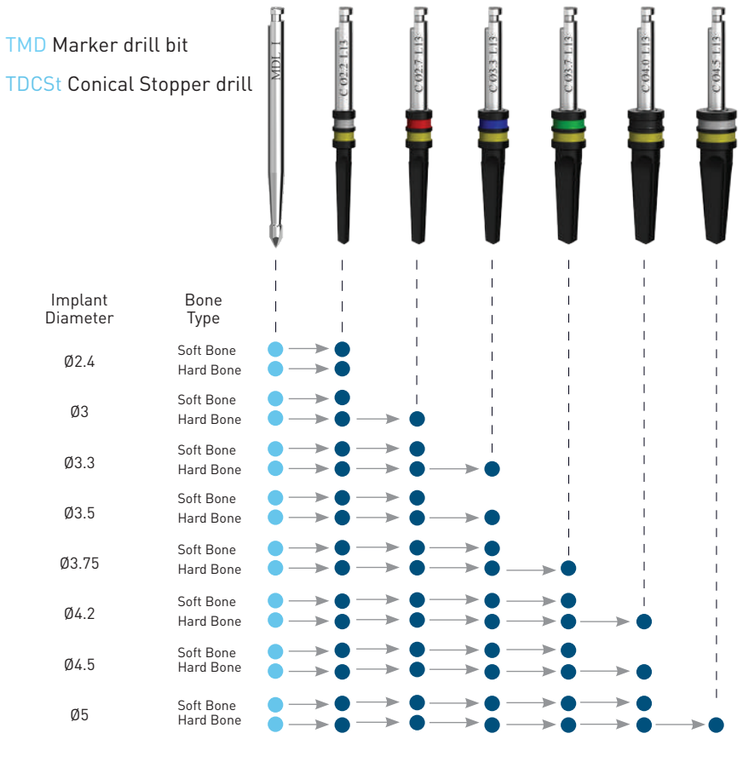


RECOMMENDED CONICAL STOPPER DRILL PROTOCOL

	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

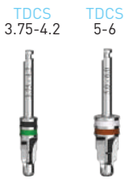
TMD Marker drill bit

TDCSt Conical Stopper drill

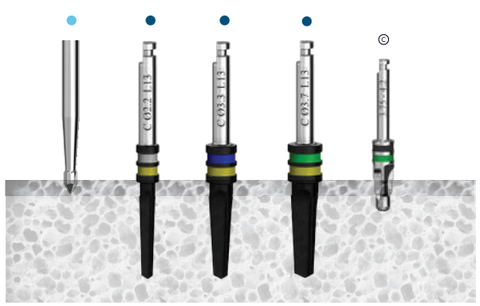


- Mark drill site
- Drill throughout entire implant's length

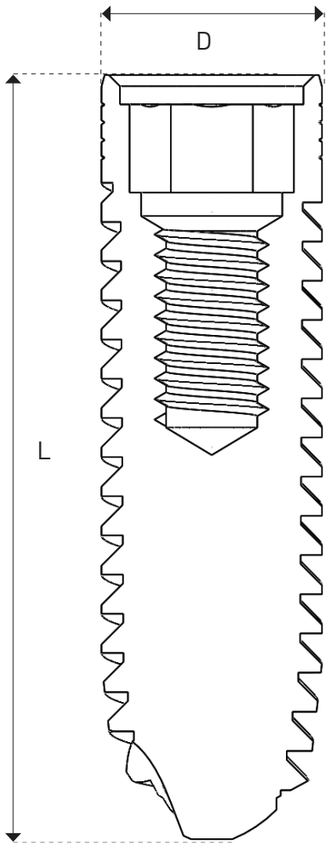
OPTIONAL DRILLS

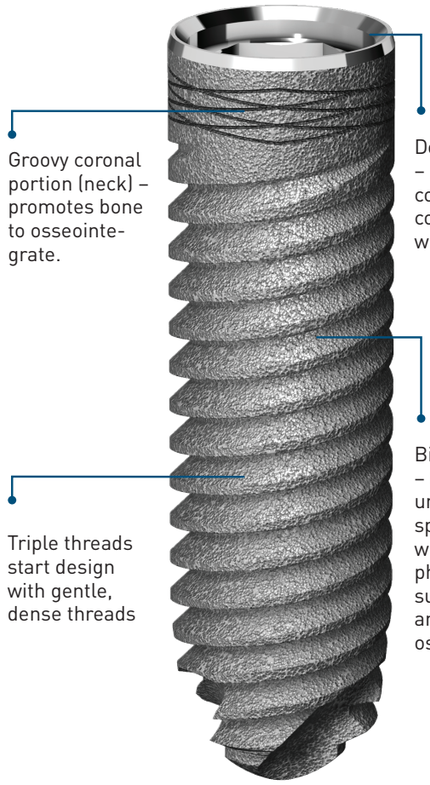


Procedure recommended by AB Dental should not replace the dentist/surgeon's judgment and experience. Final drill color (for hard bone) should correspond to Implant's Tube Cap color



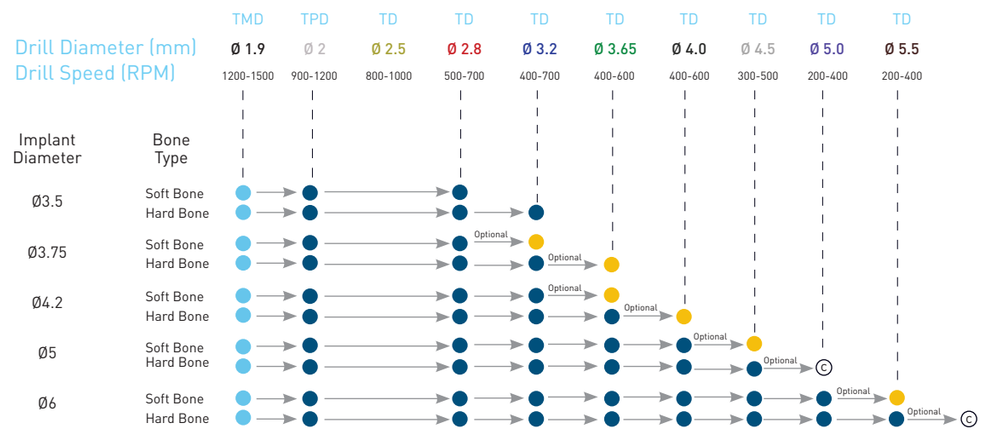
I2 SCREW TYPE IMPLANT





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



- 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**

TMD Marker drill bit

TPD Pilot drill bit

TD Straight drill bit

PACKAGE CONTENT

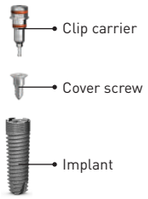
AB Dental Implants can be provided in a package with or without an implant carrier.

WITH CARRIER

Color coded tube cap indicates the final dill color.

External tube

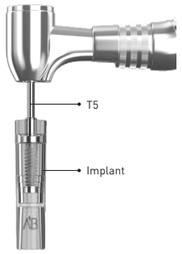
Internal Tube



Components

WITHOUT CARRIER

Inside tube



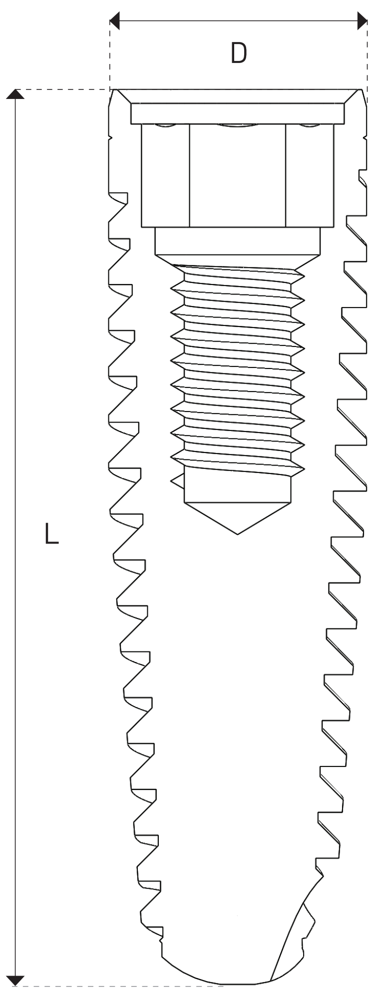
Components

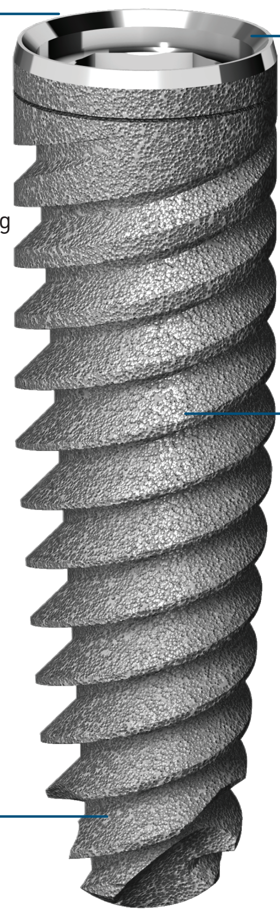
OPTIONAL DRILLS

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

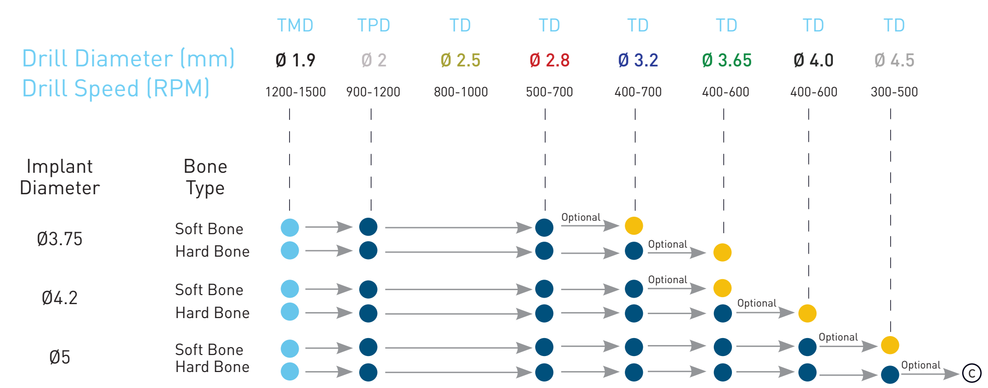
I22 SCREW TYPE IMPLANT





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	●	Both
I22	4.2	Standard	8, 10, 11.5, 13, 16	●	Both
I22	5	Standard	8, 10, 11.5	○	Both

RECOMMENDED DRILL PROTOCOL



- 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**

TMD Marker drill bit

TPD Pilot drill bit

TD Straight drill bit

PACKAGE CONTENT

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

WITH CARRIER

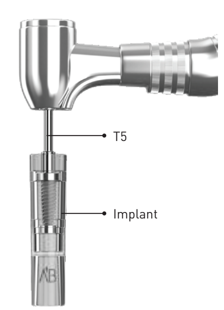
External Tube

Internal Tube

Components

WITHOUT CARRIER

Internal Tube



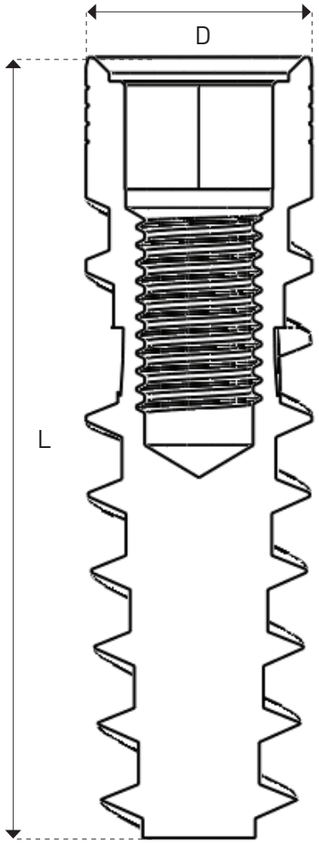
Components

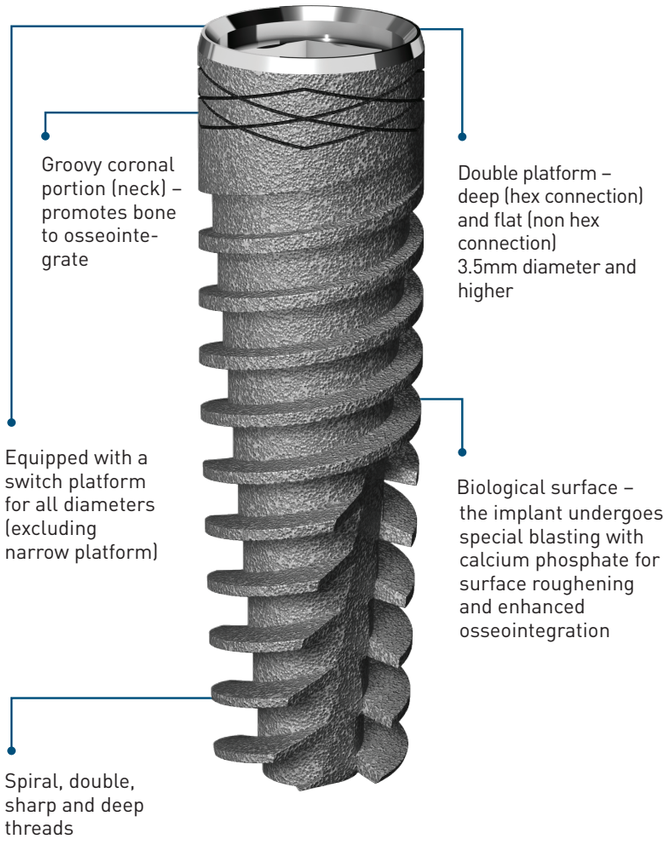
OPTIONAL DRILLS

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

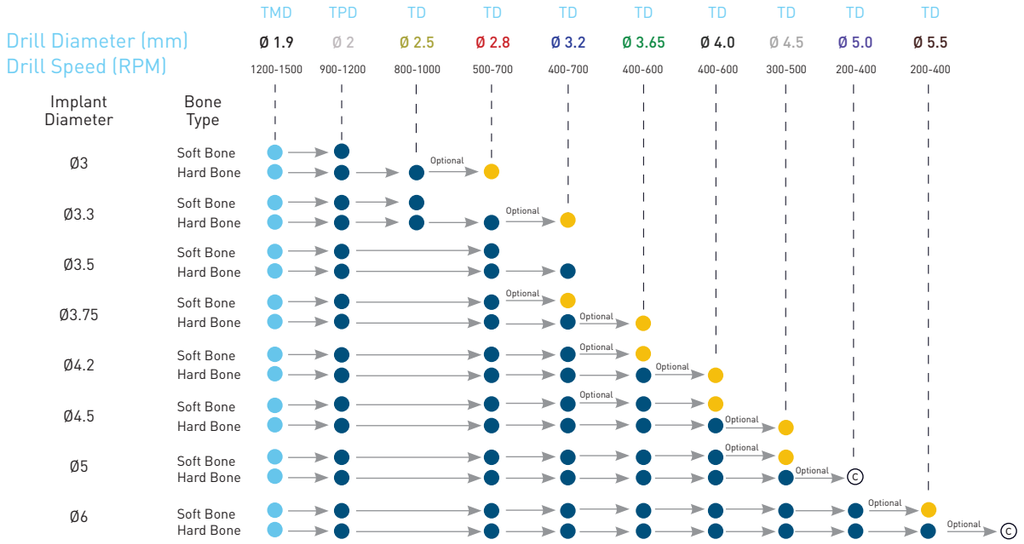
I5 CONICAL IMPLANT





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



- 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**

TMD Marker drill bit

TPD Pilot drill bit

TD Straight drill bit

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

PACKAGE CONTENT

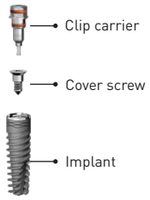
AB Dental Implants can be provided in a package with or without an implant carrier.

WITH CARRIER

Color coded tube cap indicates the final dill color.

External Tube

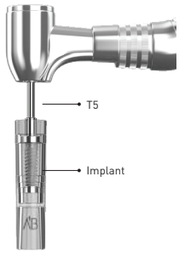
Inside tube



Components

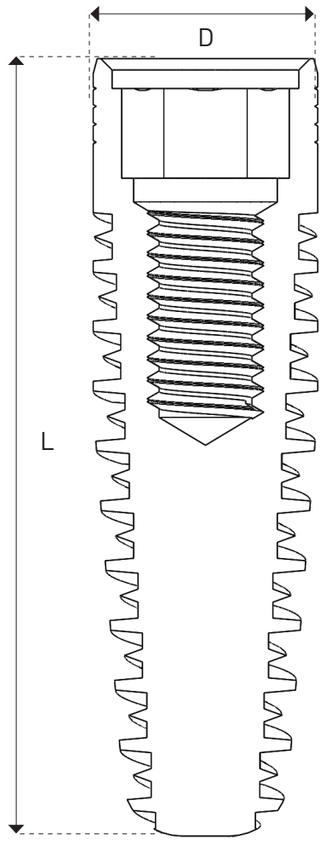
WITHOUT CARRIER

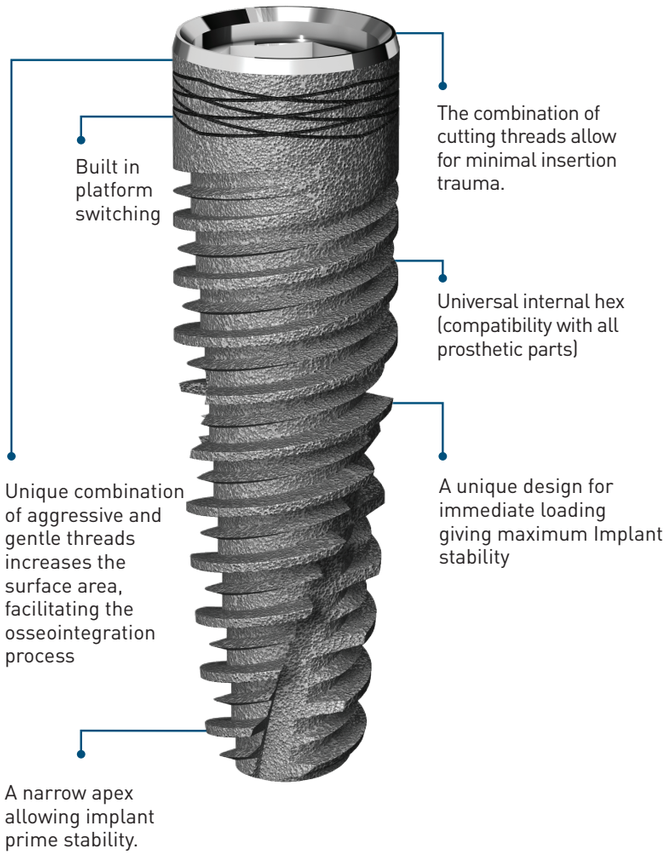
Inside tube



Components

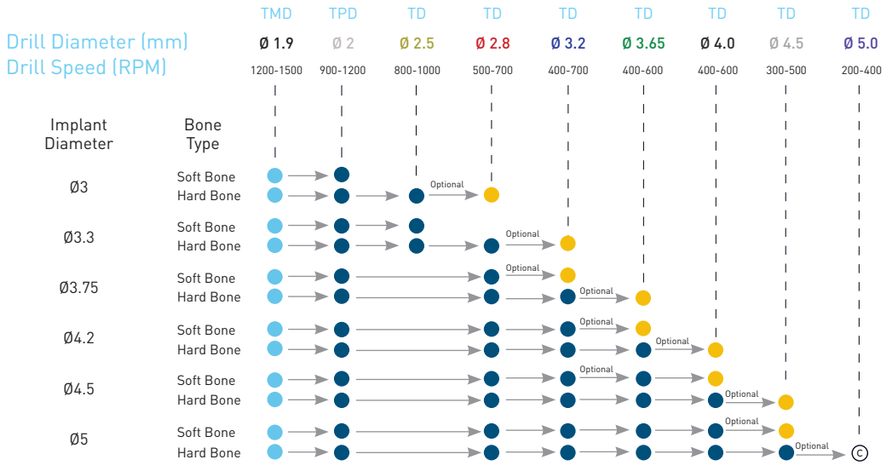
I55 CONICAL IMPLANT





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



- 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**

TMD Marker drill bit

TPD Pilot drill bit

TD Straight drill bit

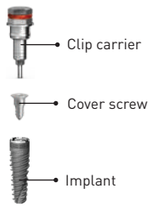
PACKAGE CONTENT

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

WITH CARRIER

Outside tube

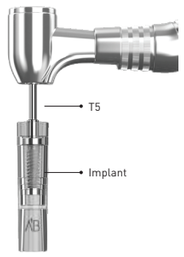
Inside tube



Components

WITHOUT CARRIER

Inside tube



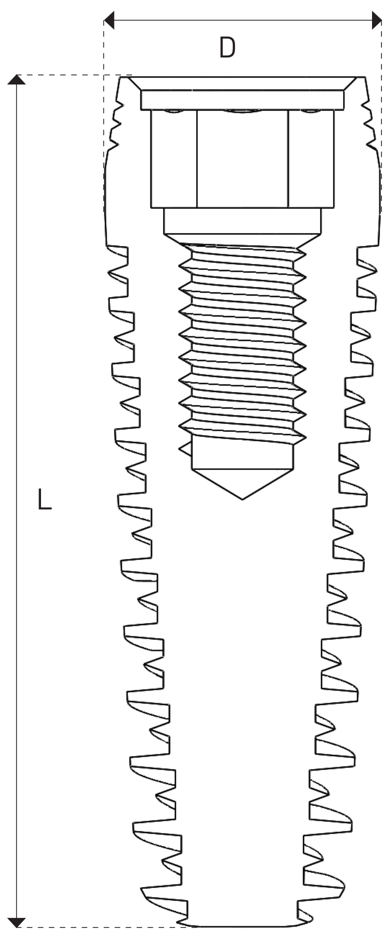
Components

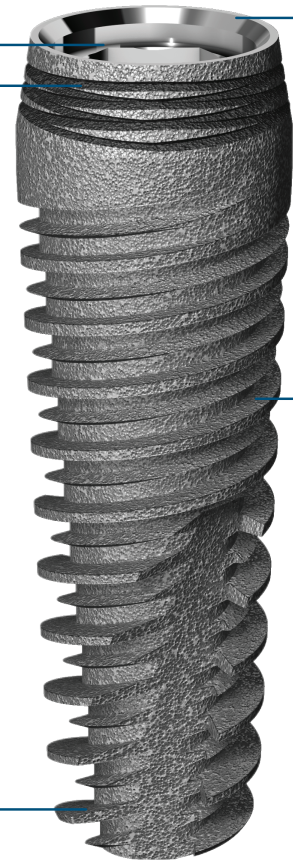
OPTIONAL DRILLS

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

I10 TRAPEZE IMPLANT





Groovy neck and back tapered design premotes bone to osseointegrate

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

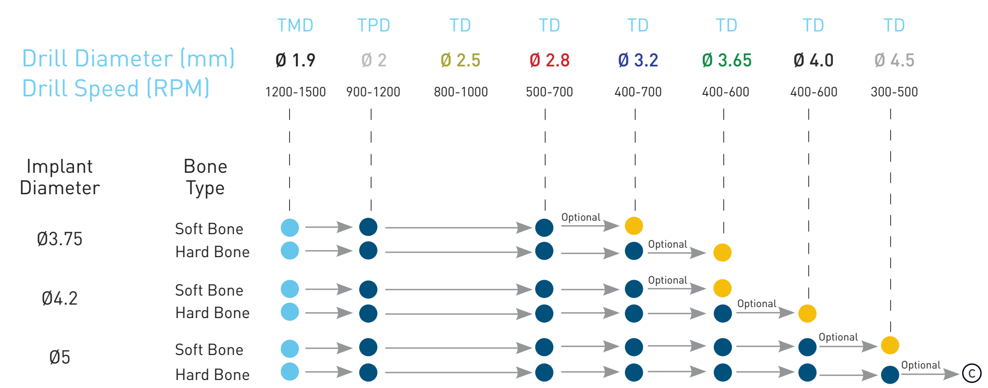
Equipped with a switch platform for all diameters (excluding narrow platform)

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	● (dark blue)	Both
I10	4.2	Standard	8, 10, 11.5, 13, 16	● (green)	Both
I10	5	Standard	8, 10, 11.5, 13	○ (white)	Both

RECOMMENDED DRILL PROTOCOL



- 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**

TMD Marker drill bit

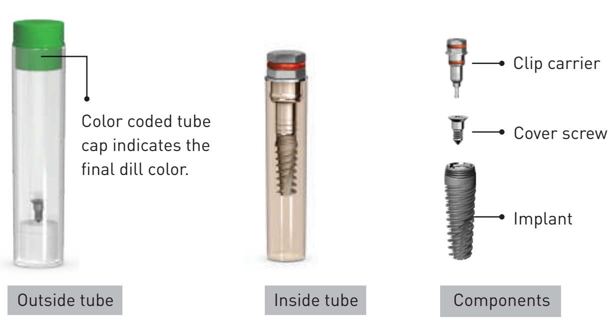
TPD Pilot drill bit

TD Straight drill bit

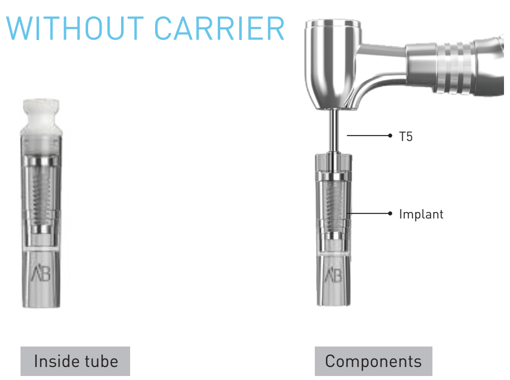
PACKAGE CONTENT

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

WITH CARRIER



WITHOUT CARRIER

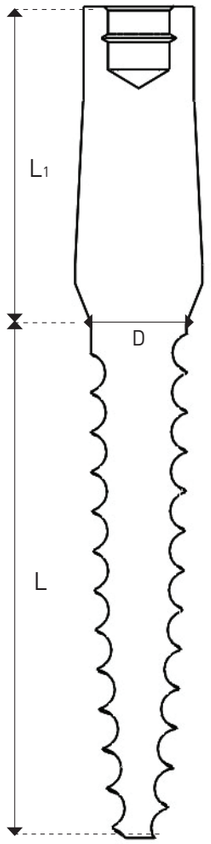


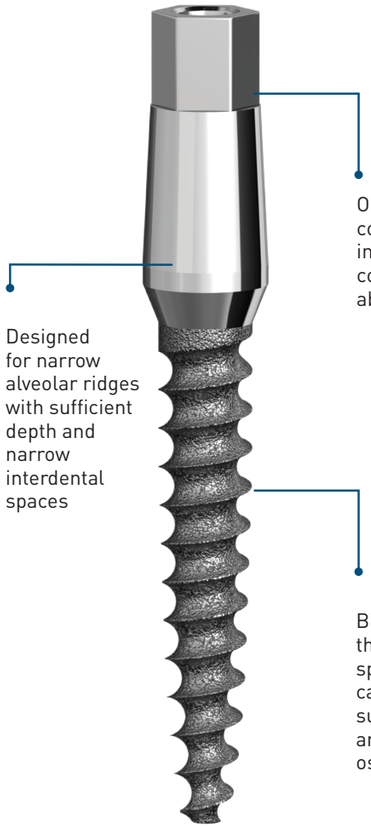
OPTIONAL DRILLS

Final drills for cortical dense bone as required.

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

I6 NARROW INTEGRAL IMPLANT





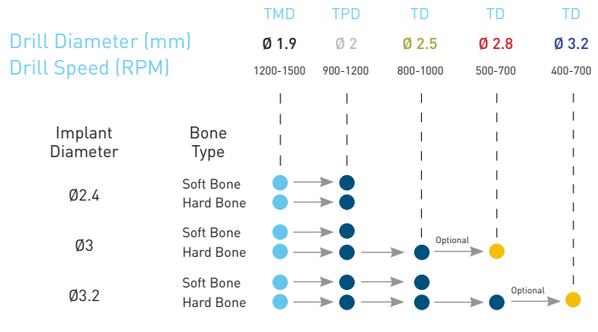
One piece conical, narrow, integral implant combined with abutment

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

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



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

TMD Marker drill bit

TPD Pilot drill bit

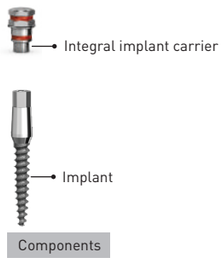
TD Straight drill bit

PACKAGE CONTENT

Color coded tube cap indicates the final dill color.

Outside tube

Inside tube

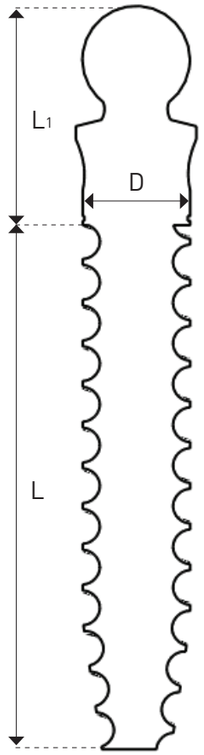


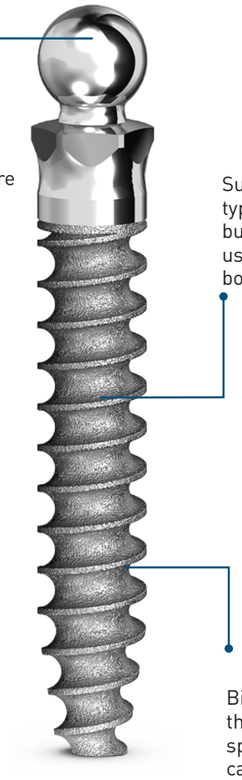
Components

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





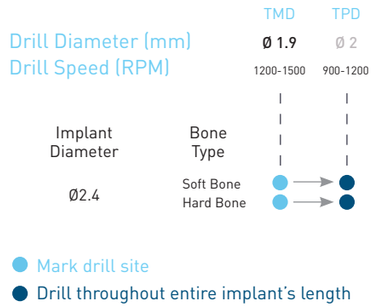
Designed for connecting the implant to a removable denture in narrow ridges

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



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

TMD Marker drill bit

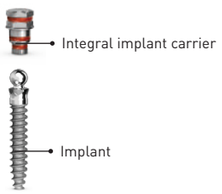
TPD Pilot drill bit

PACKAGE CONTENT

Color coded tube cap indicates the final dill color.

Outside tube

Inside tube

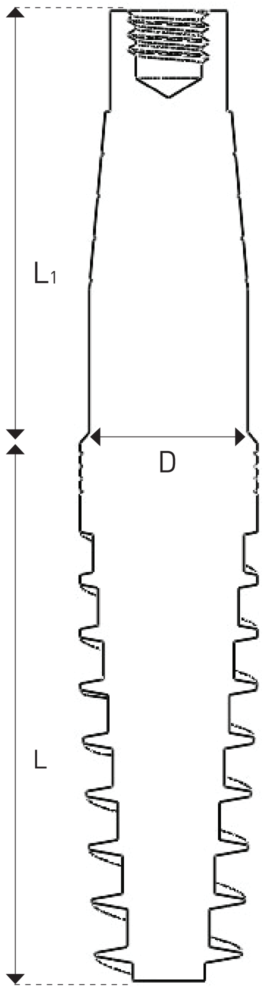


Components

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



One piece conical implant combined with abutment

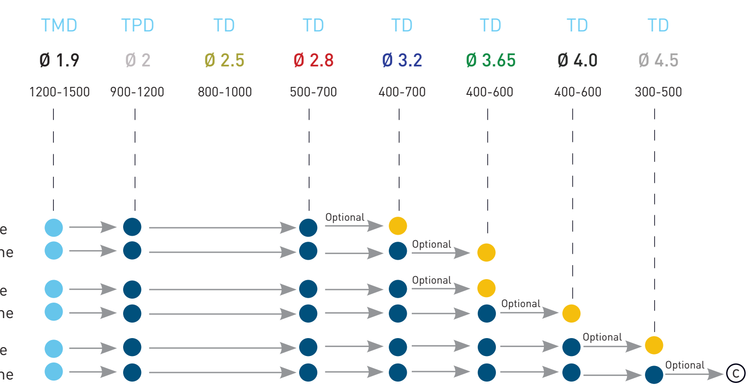
The restoration is limited to cement retained concept

Sharp and deep threads that facilitate primary stability

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)
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



- 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**

TMD Marker drill bit

TPD Pilot drill bit

TD Straight drill bit

PACKAGE CONTENT

Color coded tube cap indicates the final dill color.

External Tube

Internal Tube

Integral implant carrier

Implant

Components

OPTIONAL DRILLS

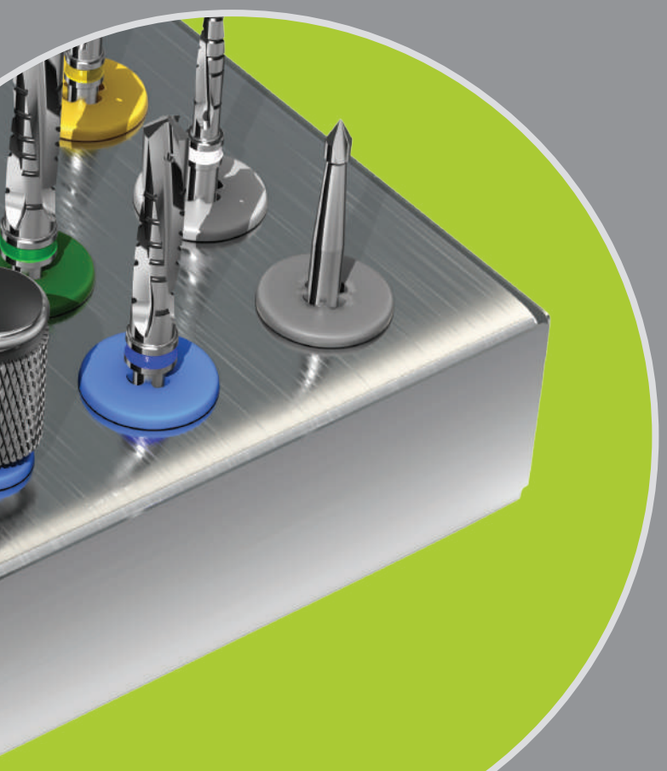
TDCS 3.75-4.2

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

TOOLS

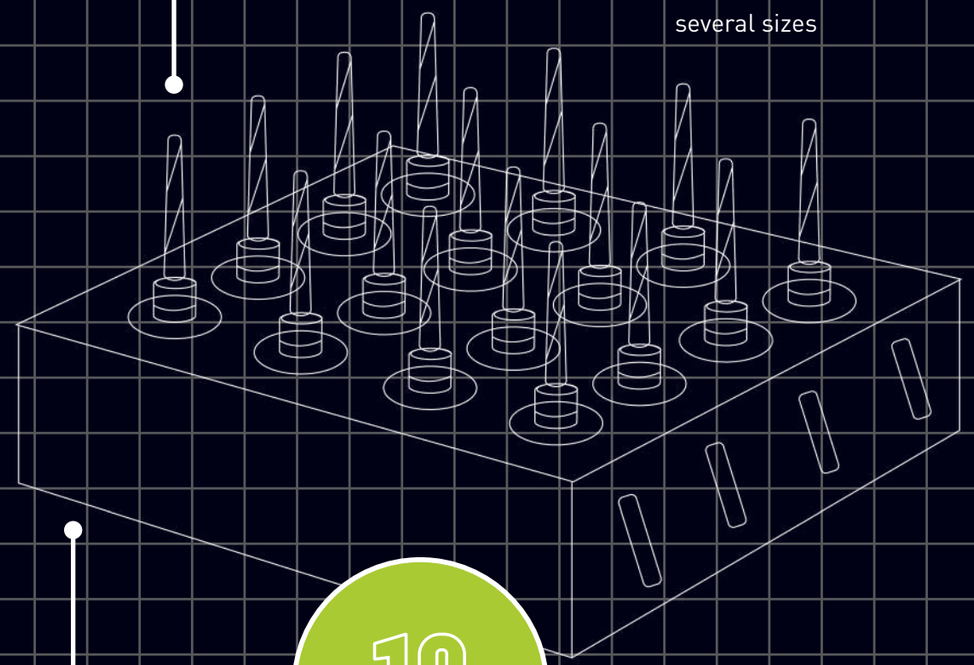


14

14 kinds of drivers

9

9 kinds of drill families in several sizes



19 kinds of kits

19

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

TD-1.2

TD-1.5

TMD-1.9
Marker Drill Bit

TDE
Drill extension Bit

COATED DRILLS

TPDD-2.0
Pilot Coated Drill Bit

TDD-2.5
Coated drill Bit

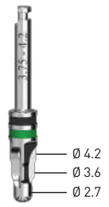
TDD-2.8
Coated drill Bit

TDD-3.2
Coated drill Bit

TDD-3.65
Coated drill Bit

TDD-4.0
Coated drill Bit

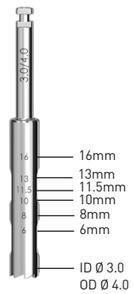
COUNTER SINK



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

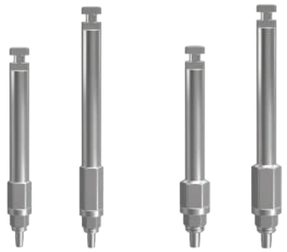
IMPLANT DRIVERS

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

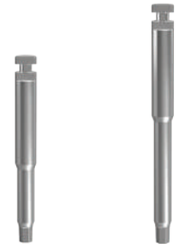
T3 2.4,9 T3-2.4,18
Ratchet hex driver for 3.75mm diameter implant – standard platform

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

CONTRA ANGLE DRIVERS



T5-2,20 T5-2,25 T5-2.4,20 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

NEW

TKS\TKS-T8C
COMPACT ORGANIZED KIT

Straight drill small Kit

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

The kit is available in two options: with Ratchet Wrench or with Ratchet Torque

T3-2,18
Ratchet Hex Driver for Implant

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

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

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

T5-2.4,25
Contra Angle Implant Driver

T8
Ratchet Wrench

or

T8c-10-40
Ratchet-Torque Combination

TP-23
Parallel Pin (x2)

TMD-1.9
ø 1.9 Marker Drill Bit

TPD-2.0
ø 2.0 Pilot Drill Bit

TD-2.5
ø 2.5 Drill Bit

TD-2.8
ø 2.8 Drill Bit

TD-3.2
ø 3.2 Drill Bit

TD-3.65
ø 3.65 Drill Bit

TD-4.0
ø 4.0 Drill Bit

TD-4.5
ø 4.5 Drill Bit

TKM\TKM-T8C

NEW

MEDIUM ORGANIZED KIT

Straight drill medium Kit

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

Thekitisavailableintwooptions: with Ratchet Wrench or with Ratchet Torque

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

NEW

STOPPERED COTED DRILLS CONICAL DRILL KIT

Stoppered conical drills kit

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

DEFAULT CONTENT

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

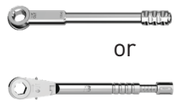
T3-2.4,9
T3-2.4,18
→ Ratchet Hex Driver for Standard Platform Implant

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



T8
Ratchet Wrench
or
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

This kit is available as Cat no. TKD-Guided-T8C, including Ratchet torque combination T8C-10-40

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

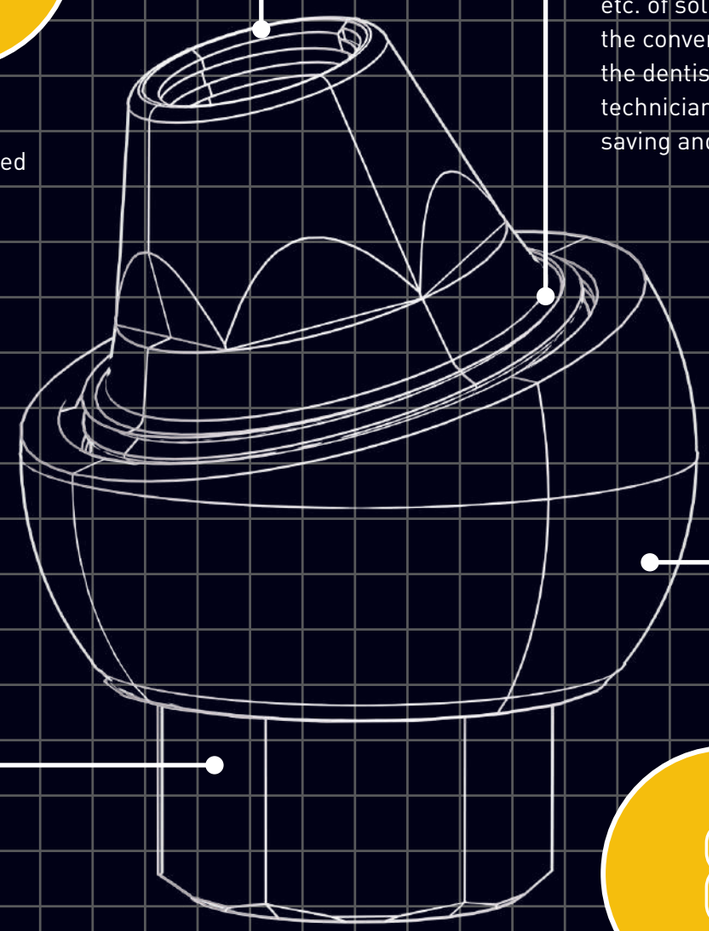
PROSTHETIC PARTS

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



3

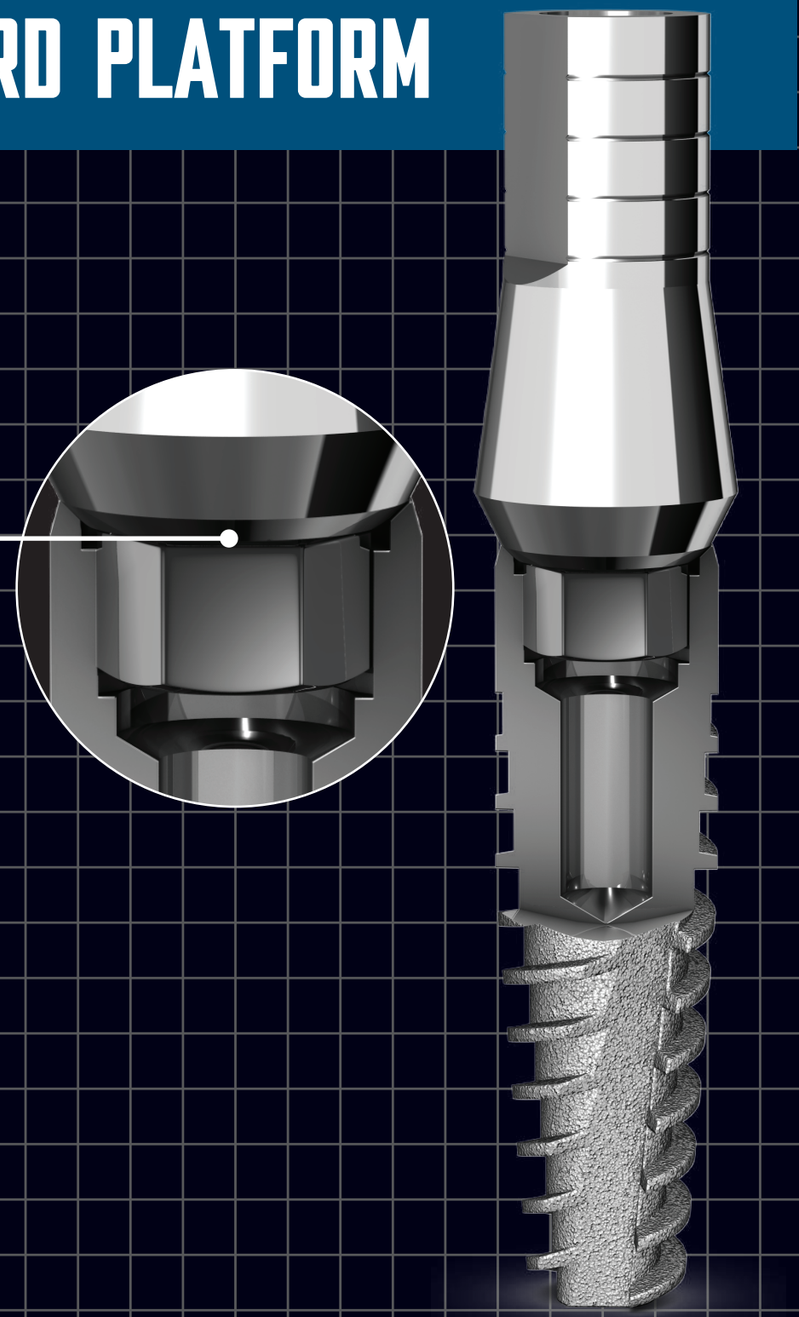
3 kinds of restoration methods (cement-retained, screw-retained and overdenture)

8

8 international registered patents in the prosthodontics field

STANDARD PLATFORM

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



STANDARD PLATFORM

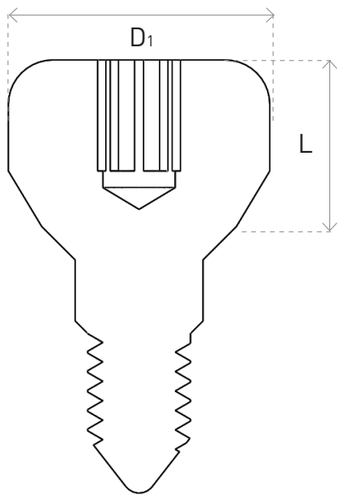
The order and presentation of these products is based on impressions taken from the implant.
There is also an option to take an impression after connecting the abutment to the implant.

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

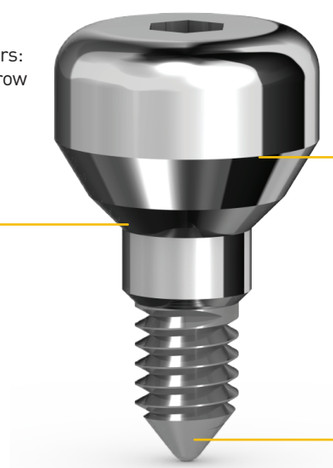
	Healing caps	Transfers / Scan Bodies / Analogs		Abutments
		Impressions	CAD/CAM	Temporary
Cement-Retained Restoration	P0-3.75 Page 60 P0N-3.75 Page 60 P0W-3.75 Page 60	D1-3.75 Page 64 D1-5 Page 64 D1-6 Page 64 D2 Page 61 D20 Page 61	P3L-3.75,SC Page 78 D1-3.75,MA Page 78	P3S-PEEK Page 66 P4S-PEEK Page 67
Screw-retained Restoration	P0-P14 Page 87 P0-P64 Page 85	D2N Page 61 D2NO Page 61 D2-P12 Page 82 D3 Page 62 D3N Page 62	D1-P14 Page 87 D2-P14 Page 87 D1-P64 Page 85 D2-P64 Page 85 D4-P64 Page 85	P14,SC Page 90 P64,SC Page 90 D1-P64,MA Page 90	P14-bT Page 87 P64-bT Page 85 P12-T/L Page 83
Overdenture Restoration		D4 Page 63			

Abutments\Sleeves\Attachments			
Straight	Angular	Casting	CAD/CAM
PK Page 76 P3 Page 68 P3-5 Page 68 P3N Page 68 P3W Page 68 P3S Page 69 P3SW Page 69	P4 Page 70 P4-5 Page 70 P4N Page 70 P4L Page 70 P4st Page 70 P4S Page 71 P4SW Page 71	P2N Page 73 P2NH Page 73 P2-P3S Page 74 P2-P4S Page 75 P9HG Page 72 P9HR Page 72	P3N-3.75,2,TIT Page 79 P3-3.75,TI Page 79 P3-3.75,TIT Page 79 P3H-3.75,TIT Page 79
P16 Page 86 P64 Page 85 P12 Page 82 P7 Page 88	P14 Page 87 P64 Page 84	P14-bR Page 87 P14b Page 87 P64b Page 85 P7b-H Page 88 P7b Page 88	P14-bts Page 91 P14-bRs Page 91 P64-bT-C Page 91 P64-bTs Page 91 P64-bRs Page 91
P5 Page 94 P25 Page 95	P14BASE Page 97 P5-P14 Page 97 P25-P14 Page 97 P5-20 Page 96		

P0 TITANIUM HEALING CAP



Available in three diameters: standard, narrow and wide



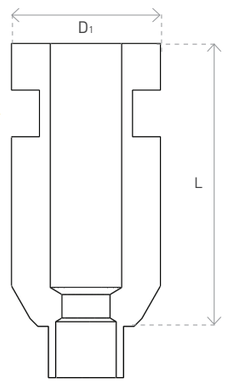
Polished Titanium surface for excellent tissue acceptance

Maintains tissue opening for preparing the site for placing prosthetic device

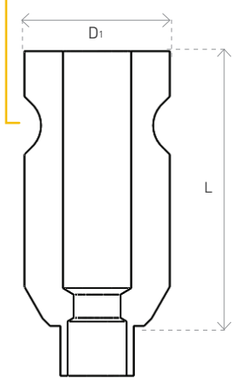
P0 Titanium Healing Cap	P0N Narrow Titanium Healing cap	P0W Wide Titanium Healing Cap
P0-3.75,0.5	P0N-3.75,3	P0W-3.75,2
P0-3.75,2	P0N-3.75,4	P0W-3.75,3
P0-3.75,3	P0N-3.75,5	P0W-3.75,4
P0-3.75,4	P0N-3.75,6	P0W-3.75,5
P0-3.75,5	P0N-3.75,7	P0W-3.75,6
P0-3.75,6		
P0-3.75,7		
$D_{1\,(mm)}$ = 4.7 $L_{(mm)}$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



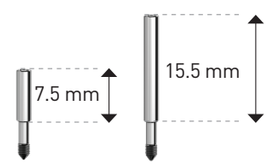
Available for open tray - sharp edges & long screw, and closed tray - round edges & short screw

Hexagon impression transfer

Suitable for flat connection

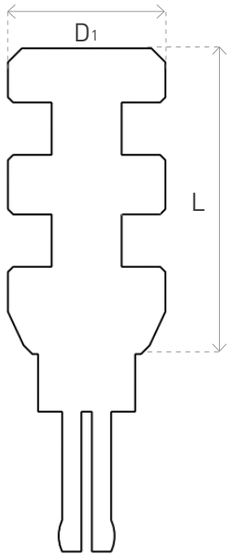
D2 Impression Transfer for Closed Tray	D2O Impression Transfer for Open Tray	D2N Narrow Impression Transfer for Closed Tray	D2NO Narrow Impression Transfer for Open Tray
D2-3.75,9	D2O-3.75,9	D2N-3.75,9	D2NO-3.75,15
D2-3.75,15	D2O-3.75,15		
$D_{1\,(mm)}$ = 4.8 $L_{(mm)}$ = 9, 15	$D_{1\,(mm)}$ = 4.8 $L_{(mm)}$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

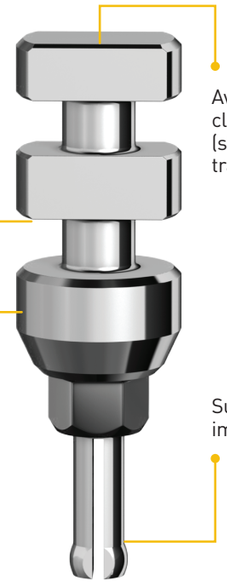
D2 transfers are available with D2a or D2al screws.
A short screw for a closed tray and a long screw for an open tray.



D2a-3.75 D2al-3.75

D3 CLIP TRANSFER





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

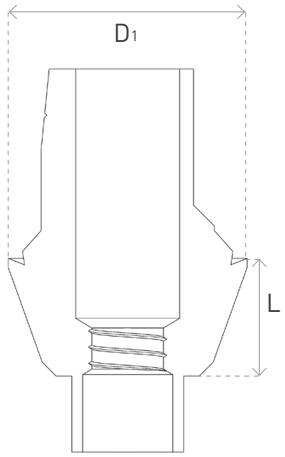
Available for closed tray (short) and open tray (long)

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
D1 (mm) = 4.5 L (mm) = 9,15	D1 (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

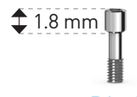
D4 Plastic Snap Transfer with Abutment
D4-3.75,1
D4-3.75,2
D4-3.75,3
D4-3.75,4
D1 (mm) = 5.17 L (mm) = 1,2,3,4

D1
Implant Analog

PK-D2
Plastic Transfer

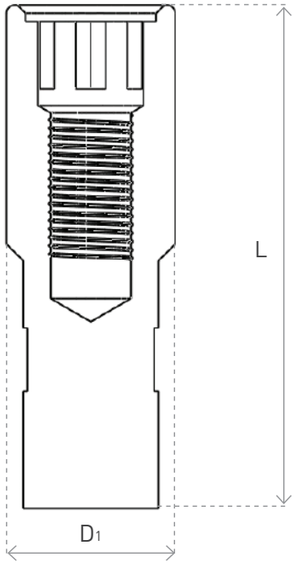
PK-P3-3.75
Anatomic Anti – Rotation Abutment

All abutments include a short screw



P4a-S

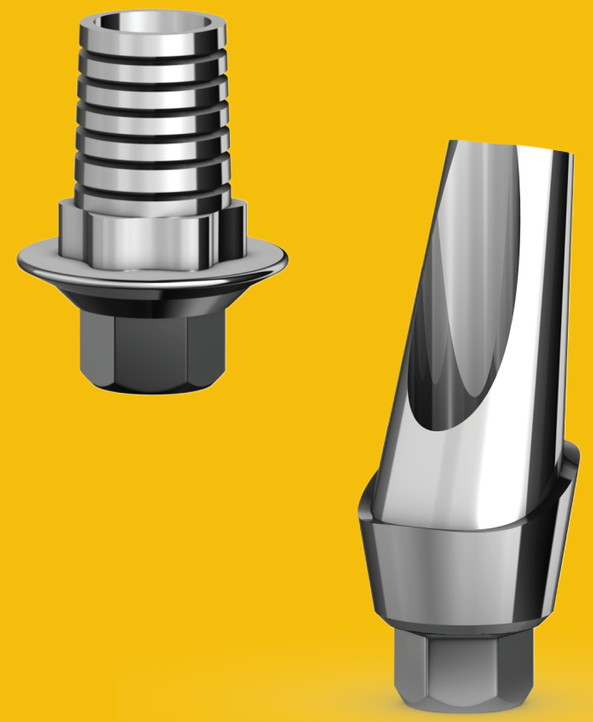
D1 ANALOG



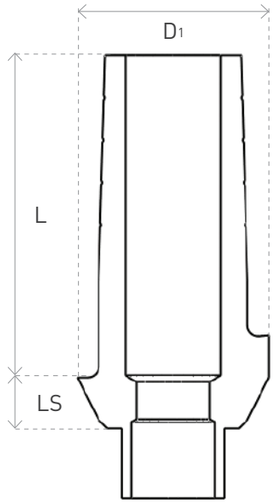
D1-3.75	D1-5	D1-6
Implant Analog	Implant Analog	Implant Analog
D1-3.75	D1-5	D1-6
$D_{1\,(mm)}$ = 4 $L_{(mm)}$ = 12	$D_{1\,(mm)}$ = 5 $L_{(mm)}$ = 12.3	$D_{1\,(mm)}$ = 6 $L_{(mm)}$ = 12.3

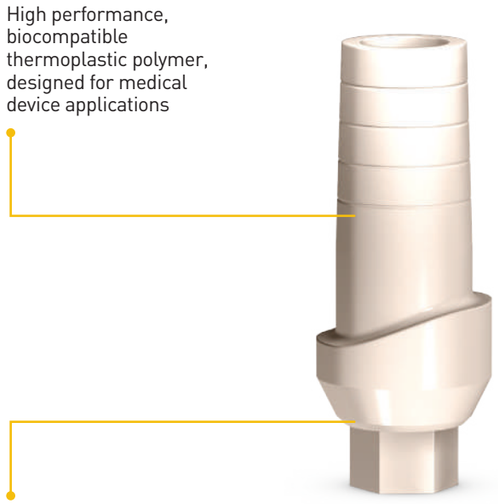
CEMENT-RETAINED RESTORATION

STANDARD PLATFORM



P3S-PEEK TEMPORARY ANATOMIC ANTI-ROTATION ABUTMENT

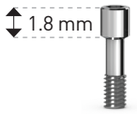




High performance, biocompatible thermoplastic polymer, designed for medical device applications

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

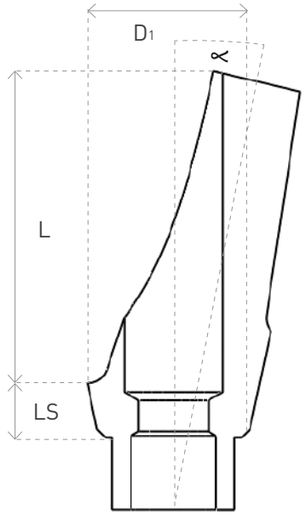
P3S-PEEK Temporary Peek Anatomic Anti-rotation Abutment
P3S-PEEK-3.75,1
P3S-PEEK-3.75,2
P3S-PEEK-3.75,3
$D_{1\,(mm)}$ = 4.7 $L_{(mm)}$ = 7.5 $LS_{(mm)}$ = 1, 2, 3



P4a-S

All abutments include a short screw

P4S-PEEK TEMPORARY ANATOMIC ANGULAR ABUTMENT

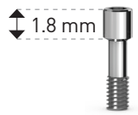


Platform switching by design, allowing perfect environment for soft-tissue growth and helps to prevent bone resorption

Available in 15° and 25° for angular restoration

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

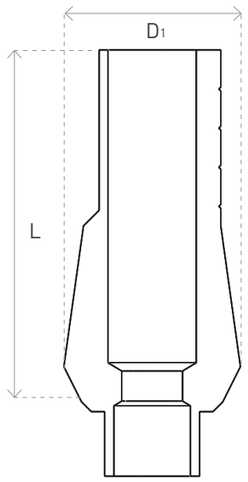
P4S-PEEK-15 Angular Anatomic Temporary Peek	P4S-PEEK-25 Angular Anatomic Temporary Peek
P4S-PEEK,15-1	P4S-PEEK,25-1
P4S-PEEK,15-2	P4S-PEEK,25-2
P4S-PEEK,15-3	P4S-PEEK,25-3
$D_{1\,(mm)}$ = 4.7 ∝ 15° $L_{(mm)}$ = 9 $LS_{(mm)}$ = 1, 2, 3	$D_{1\,(mm)}$ = 4.7 ∝ 25° $L_{(mm)}$ = 9 $LS_{(mm)}$ = 1, 2, 3

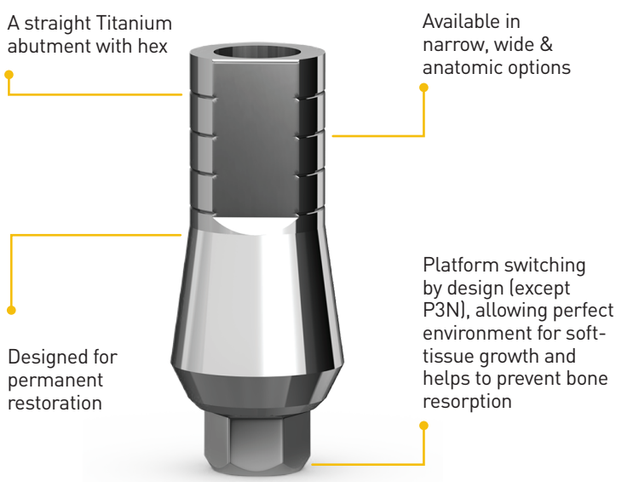


P4a-S

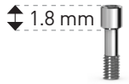
All abutments include a short screw

P3 ANTI-ROTATION ABUTMENT





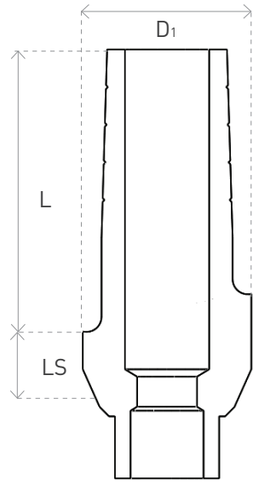
P3-3.75 Anti-rotation Abutment	P3-5 Anti-rotation Abutment (for wide teeth)	P3N Narrow Anti-rotation Abutment (for narrow ridges)	P3W Wide Anti-rotation Abutment (for wide teeth)
P3-3.75,5	P3-5,5	P3N-3.75,5	P3W-3.75,9
P3-3.75,7	P3-5,7	P3N-3.75,7	P3W-3.75,12
P3-3.75,9	P3-5,9	P3N-3.75,9	
P3-3.75,11			
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

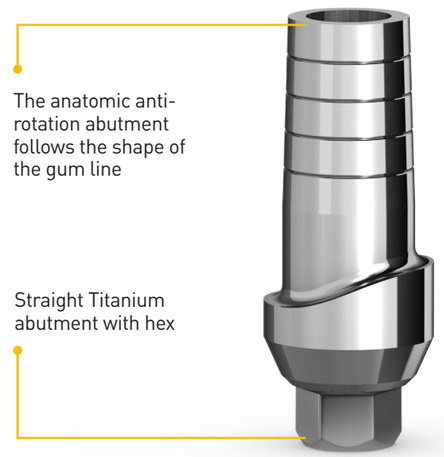


All abutments include a short screw

P4a-S

P3S ANATOMIC ANTI-ROTATION ABUTMENT



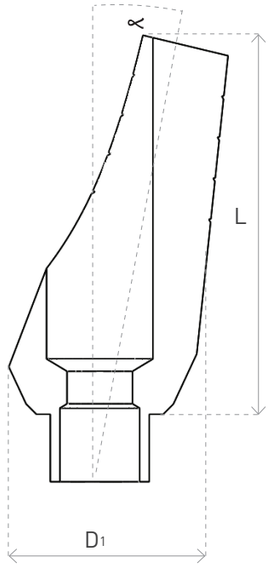


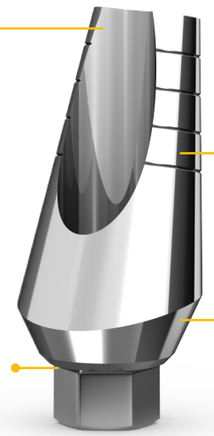
P3S Anatomic Anti-rotation Abutment	P3SW Wide Anatomic Anti-rotation Abutment
P3S-3.75,1	P3SW-3.75,1
P3S-3.75,2	P3SW-3.75,2
P3S-3.75,3	P3SW-3.75,3
$D_{1\,(mm)}$ = 4.5 $L_{(mm)}$ = 7.5 $LS_{(mm)}$ = 1, 2, 3	$D_{1\,(mm)}$ = 5.5 $L_{(mm)}$ = 7.5 $LS_{(mm)}$ = 1, 2, 3

All abutments include a short screw

P4a-S

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

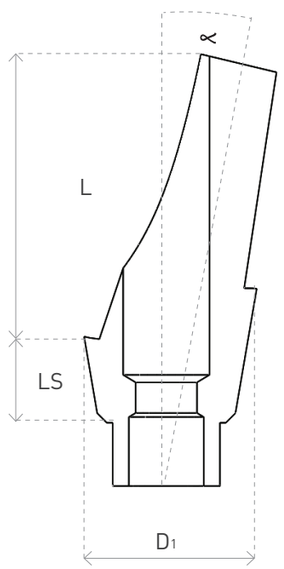
Platform switching by design, allowing perfect environment for soft-tissue growth and helps to prevent bone resorption

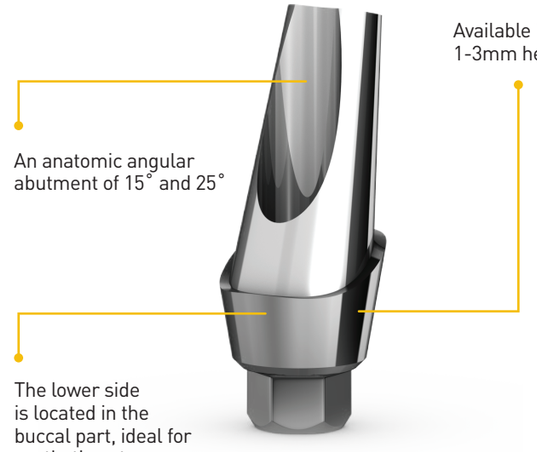
Designed for restoration on tilted implants

P4 Angular Abutment	P4st Angular Abutment	P4L Long Angular Abutment	P4N Narrow Angular Abutment	P4-5 Angular Abutment
P4-3.75,15	P4-3.75,5st	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

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

P4S ANATOMIC
ANGULAR ABUTMENT





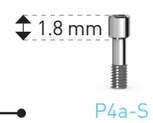
An anatomic angular abutment of 15° and 25°

Available in 1-3mm heights

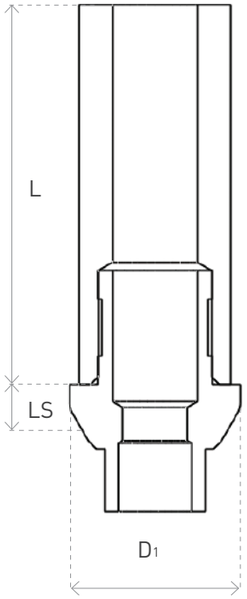
The lower side is located in the buccal part, ideal for aesthetic outcome

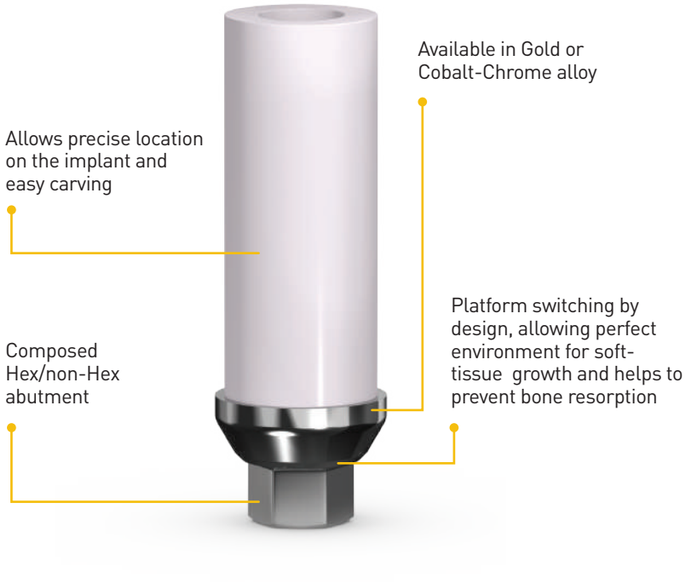
P4S-15 Anatomic Angular Abutment 15° with Shoulder	P4S-25 Anatomic Angular Abutment 25° with Shoulder	P4SW Wide Anatomic Angular Abutment
P4S-3.75,15-1	P4S-3.75,25-1	P4SW-3.75,3
P4S-3.75,15-2	P4S-3.75,25-2	
P4S-3.75,15-3	P4S-3.75,25-3	
$D_{1\,(mm)}$ = 4.7 ∝ 15° $L_{(mm)}$ = 7 $LS_{(mm)}$ = 1, 2, 3	$D_{1\,(mm)}$ = 4.7 ∝ 25° $L_{(mm)}$ = 7 $LS_{(mm)}$ = 1, 2, 3	$D_{1\,(mm)}$ = 5.7 ∝ 15° $L_{(mm)}$ = 8 $LS_{(mm)}$ = 4.2

All abutments include a short screw



P9 COMPOSED ABUTMENT



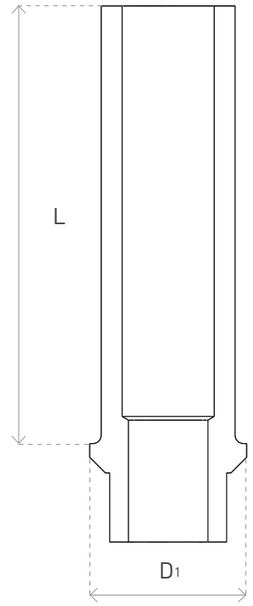


P9HR	P9R	P9HG	P9G
Cobalt-Chrome Composed Hex Abutment (for crown)	Cobalt-Chrome Composed Abutment (for bridge)	Gold Composed Hex Abutment (for crown)	Gold Composed non-Hex Abutment (for bridge)
P9HR-3.75,11	P9R-3.75,11	P9HG-3.75,11	P9G-3.75,11
$D_{1\,(mm)}$ = 4.5 $L_{(mm)}$ = 10	$D_{1\,(mm)}$ = 4.5 $L_{(mm)}$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



Intended for casting with no internal threading

Available with or without hexagon:

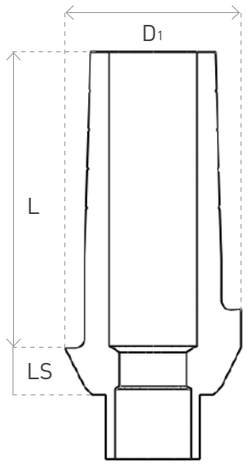
- With hexagon to construct on a single implant, or to set a crown or a bridge onto the abutment
- Without hexagon, for multi implant tasks

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

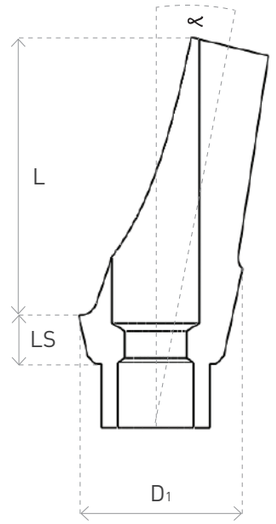
Platform switching by design, allowing perfect environment for soft-tissue growth and helps to prevent bone resorption

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-D2
Plastic Transfer

PK-P0
Healing Cap

PK-P2
Plastic Conical Sleeve (for crown)

PK-P2H
Plastic Conical Sleeve (for bridge)

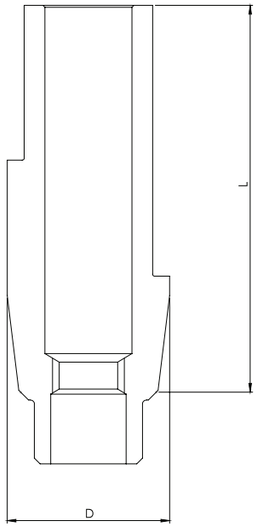
PK-P3-3.75
Anatomic Anti – Rotation Abutment

P4a-S

All abutments include a short screw

CAD/CAM PRODUCTS
STANDARD PLATFORM

CAD/CAM SCAN ABUTMENTS



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

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

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

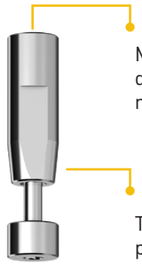
Also for intra-oral scanning designed for re-sterilization

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

Made from PEEK - A high performance, biocompatible thermoplastic polymer

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

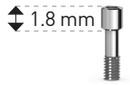
D1-3.75,MA
Digital Model Analog
D1-3.75,MA NEW Implant Model Anlaog Standard Platform
D (mm) = 3.8 L (mm) = 11 * Includes screw



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.

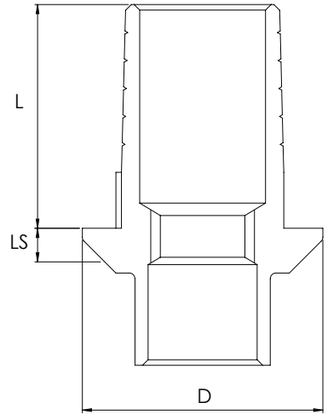


P4a-S

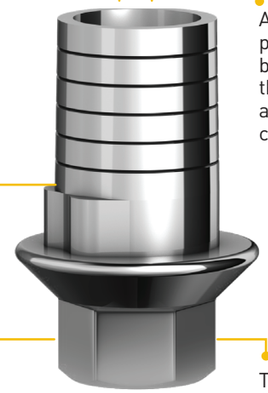
3shape ZirkonZahn exocad dental wings

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



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

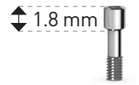
The scanning information is used to produce precise restoration on AB implants using CAD/CAM

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

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

P3,TI	P3H,TIT	P3N,TIT	P3,TIT
Slim Ti Base Abutment for Single Crown	Wide Ti Base Abutment for Single Crown	Slim Rotational Ti Base Abutment for Bridges	Wide Rotational Ti Base Abutment for Bridges
P3-3.75,TI Ti Base Slim H0.6mm Standard Platform	P3H-3.75,TIT Ti Base Wide H0.7mm Standard Platform	P3N-3.75,0.6,TIT NEW 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 NEW Ti Base Slim H2mm Standard Platform		P3N-3.75,2,TIT NEW Ti Base Rotational Slim H2mm Standard Platform	
P3-3.75,3,TI NEW Ti Base Slim H3mm Standard Platform		P3N-3.75,3,TIT NEW 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



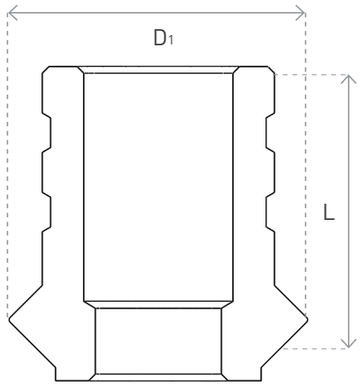
P4a-S

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 A.B. Dental

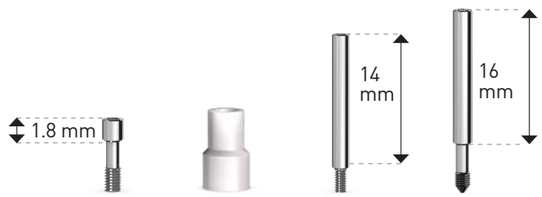
Platform switching by design, allowing perfect environment for soft-tissue growth and helps to prevent bone resorption

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.

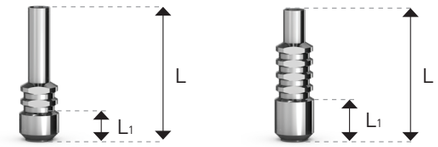
All abutments include P4a-S short screw and plastic sleeve P12p.

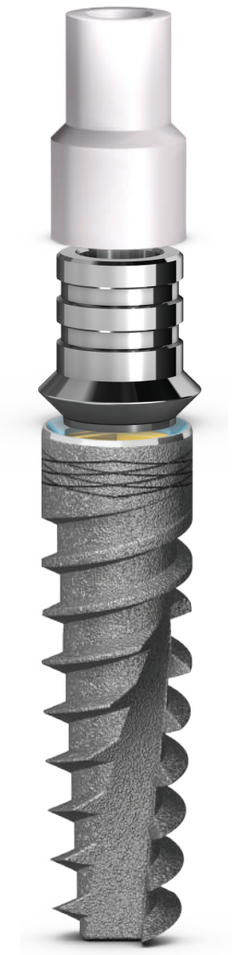
D2-P12 transfers are available with a D2-P12ca or a D2al screw.



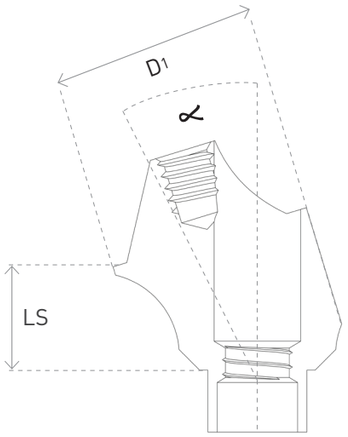
Temporary Abutment

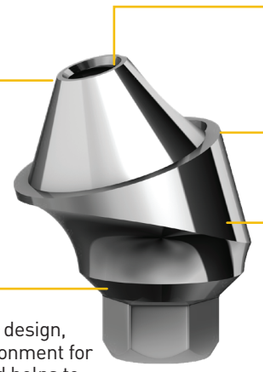
P12-T	P12-T/L
Temporary Flat Connection Abutment	Temporary Flat Connection Long Abutment
P12-3.75-T	P12-3.75-T/L
$D_{1\,(mm)}$ = 4.5 $L_{(mm)}$ = 15 $L_{1\,(mm)}$ = 7	$D_{1\,(mm)}$ = 4.5 $L_{(mm)}$ = 15 $L_{1\,(mm)}$ = 11





P64 MULTI-UNIT





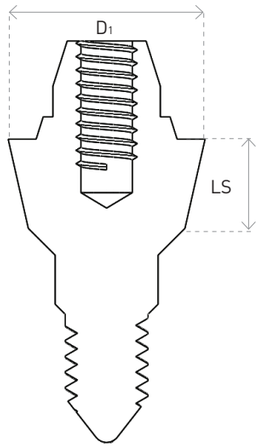
Path of insertion is especially wide

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

Available in angles of 17°, 30°, 42°

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

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



The upper cone solves the lack of parallelism

The impression-taking is performed over the installed adaptors

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

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

Facilitates the installation of an over denture system on nonparallel implants

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

P64	P64-17	P64-30	P64-42
Straight Adaptor Single Unit	Angular Adaptor Single Unit	Angular Adaptor Single Unit	Angular Adaptor Single Unit
P64-3.75,1	P64-3.75,17-0.5	P64-3.75,30-0.5	P64-3.75,42-0.5
P64-3.75,2	P64-3.75,17-2	P64-3.75,30-2	P64-3.75,42-2
P64-3.75,3	P64-3.75,17-3	P64-3.75,30-3	
P64-3.75,4	P64-3.75,17-4	P64-3.75,30-4	
P64-3.75,5	P64-3.75,17-5	P64-3.75,30-5	
$D_{1\ (mm)}$ = 4.9 LS $_{(mm)}$ = 1, 2, 3, 4, 5	$D_{1\ (mm)}$ = 4.9 ∝ 17° LS $_{(mm)}$ = 0.5, 2, 3, 4, 5	$D_{1\ (mm)}$ = 4.9 ∝ 30° LS $_{(mm)}$ = 0.5, 2, 3, 4, 5	$D_{1\ (mm)}$ = 4.9 ∝ 40° LS $_{(mm)}$ = 0.5

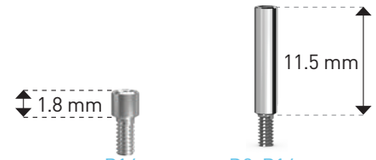
P64 angular adaptor includes P64e screw.
P64 straight adaptor is provided with P14Ca Carrier and P14a screw.
P64 angular adaptor is provided with P64c Carrier.
P14C-aL is an optional long Carrier.

P14a P64e P64c P14Ca P14C-aL

P0-P64	D2-P64	D4-P64	D1-P64	P64-bT	P64b
Healing Cap for P64	Transfer for P64 for open tray	Plastic Snap Transfer kit for P64 NEW	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

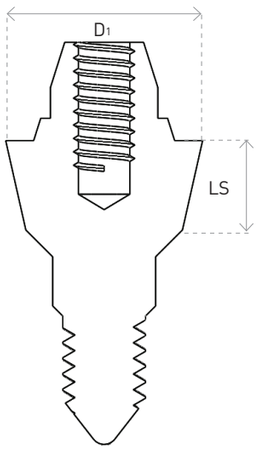
The D4-P64 set contains : PK-D2 Transfer (3 units), Special P64 Adapter and P14a screw.

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



P14a D2-P14a

P16/P14 STRAIGHT/MULTI-UNIT ADAPTOR



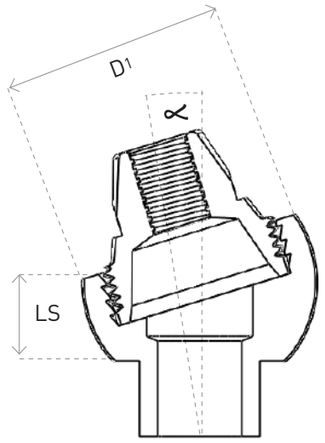
The upper cone solves the lack of parallelism

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



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 A.B. Dental

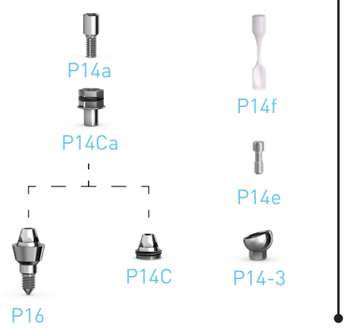
Available in 17° and 30° and 2 heights

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

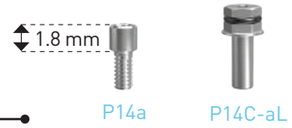
A perfect solution for "All on four" restorations

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 components

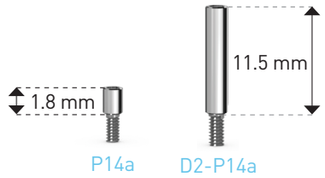


P14/P16 adaptors include P14a screw.

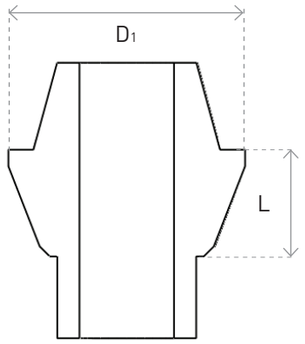


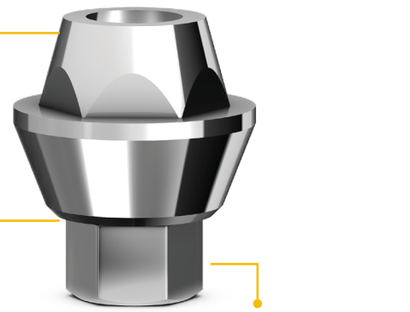
P0-P14 Healing Cap for P14	D2-P14 Impression Transfer for P14	D1-P14 Analog for P14	P14b Sleeves for P14
P0-P14,2.5	D2-P14	D1-P14	P14b-Plastic
P0-P14,4			P14-bt-Titanium
P0-P14,5			P14-bR-Cobalt Chrome
P0-P14,7			
$D_{1\,(mm)}$ = 4.4 $L_{(mm)}$ =2.5, 4, 5, 7	$D_{1\,(mm)}$ = 4.4 $L_{(mm)}$ =12.5	$D_{1\,(mm)}$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

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



P7 ANTI-ROTATION AESTHETIC ABUTMENT





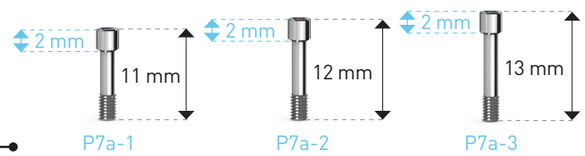
Suitable for restorations on a single implant or a screwed bridge on non-parallel implants

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

An abutment with hex on both sides

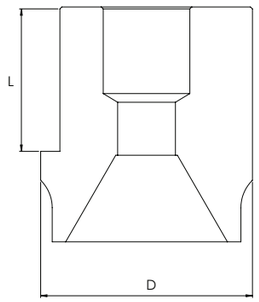
P7 Aesthetic abutment	P7b Plastic sleeve without hex	P7b-H Plastic sleeve with hex
P7-3.75,1	P7b	P7b-H
P7-3.75,2		
P7-3.75,3		
$D_{1\,(mm)}$ = 4.7 $L_{(mm)}$ = 1, 2, 3	$D_{1\,(mm)}$ = 6 $L_{(mm)}$ = 8.5	$D_{1\,(mm)}$ = 4.7 $L_{(mm)}$ = 12

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

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

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

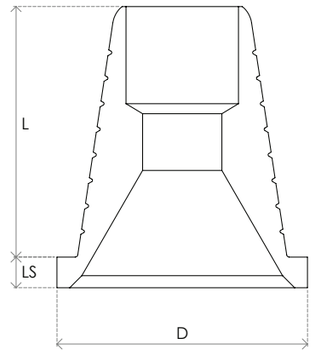
Scan Body includes a short screw P14a.
Model Analog include screw.

P14a

3shape Zirkonzahn exocad dental wings

The CAD/CAM libraries were validated in the following system: 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

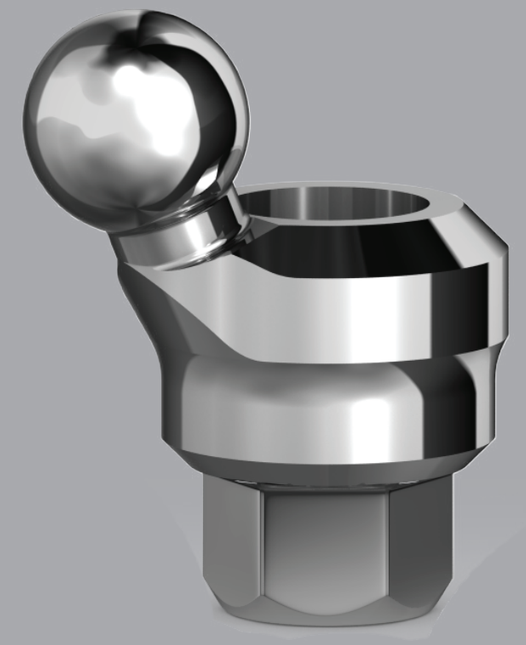
P64	P64	P14/P16
Titanium Conical Sleeve for P64 Angular Adaptor	Titanium/Cobalt-Chrome Straight Sleeve for P64 Angular Adaptor	Titanium/Cobalt-Chrome Straight Sleeve for P14 Angular Adaptor or P16 Straight Adaptor
P64-bTs-C NEW P64 Ti Conical Adhesive Sleeve	P64-bTs P64 Ti Straight Adhesive Sleeve	P14-bTs 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.

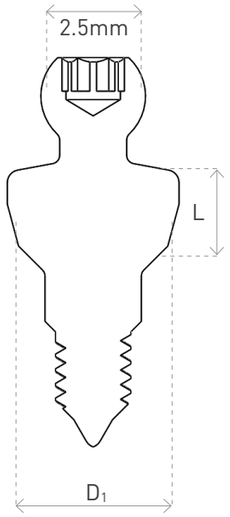
P14a

OVERDENTURE RESTORATION

STANDARD PLATFORM



P5 BALL ATTACHMENT



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

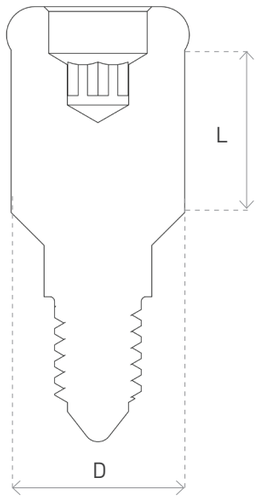
Provided with a stainless steel cap and a silicon cap

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

P5 Ball Attachment Abutment	P5b Silicon Cap
P5-3.75,1	P5b-1 (Hard, grey color)
P5-3.75,2	P5b-2 (Medium, transparent color)
P5-3.75,3	P5b-3 (Soft, pink color)
P5-3.75,4	P5b-4 (For lab, black color)
P5-3.75,5	
P5-3.75,6	
$D_{1\,(mm)}$ =4.1 $L_{(mm)}$ =1, 2, 3 4, 5, 6	$D_{1\,(mm)}$ =4 $L_{(mm)}$ = 2.5

P5 attachment is also available as a set including metal and silicon caps

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	P25b Silicon cap
P25-3.75,0	P25-a,b/10 Locator Male Processing Package (Yellow-extra soft, Pink-soft, Purple-strong, Transparent-standard, Black-for lab)
P25-3.75,1	P25-a,b/20 Locator Extended Range Male Processing Package (Yellow-extra soft, Pink-soft, Purple-strong, Transparent-standard, Black-for lab)
P25-3.75,2	
P25-3.75,3	
P25-3.75,4	
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

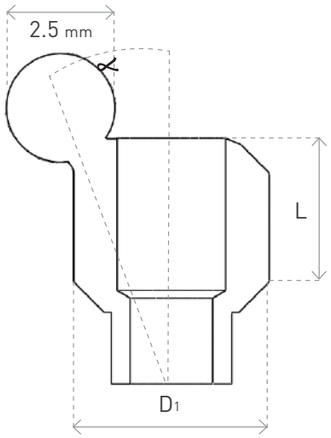
P25-a,b/20

P25-a,b/10

P25 attachment includes metal and silicon caps.
Silicon caps are available in four degrees of hardness and suitable for angulation of 10˚and 20˚

P5-20 ANGULAR BALL ATTACHMENT 20°

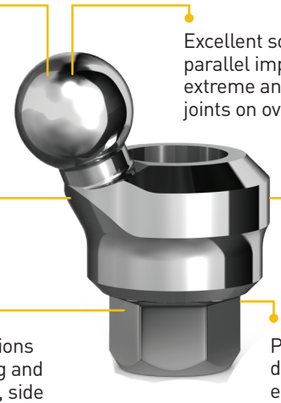
ISSUED PATENT!



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

Enables adjustment of the angle at which the implant is positioned

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



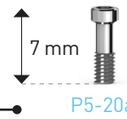
Excellent solution for non-parallel implants, even at extreme angles, for accurate joints on overdenture implants

Issued Patent by A.B. Dental

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

P5-20 Angular ball attachment 20°	P5b Silicon cap
P5-3.75,20-1	P5b-1 (Hard, grey color)
P5-3.75,20-2	P5b-2 (Medium, transparent color)
P5-3.75,20-3	P5b-3 (Soft, pink color)
P5-3.75,20-4	P5b-4 (For lab, black color)
P5-3.75,20-5	
P5-3.75,20-6	
$D_{1\,(mm)}$ =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 it's height) and a silicon cap



P5-20a

P5-20 attachment is also available as a set including metal and silicon caps

P5-20 P5a P5b P5d

P5\P25 ANGULAR BASE ATTACHMENT

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

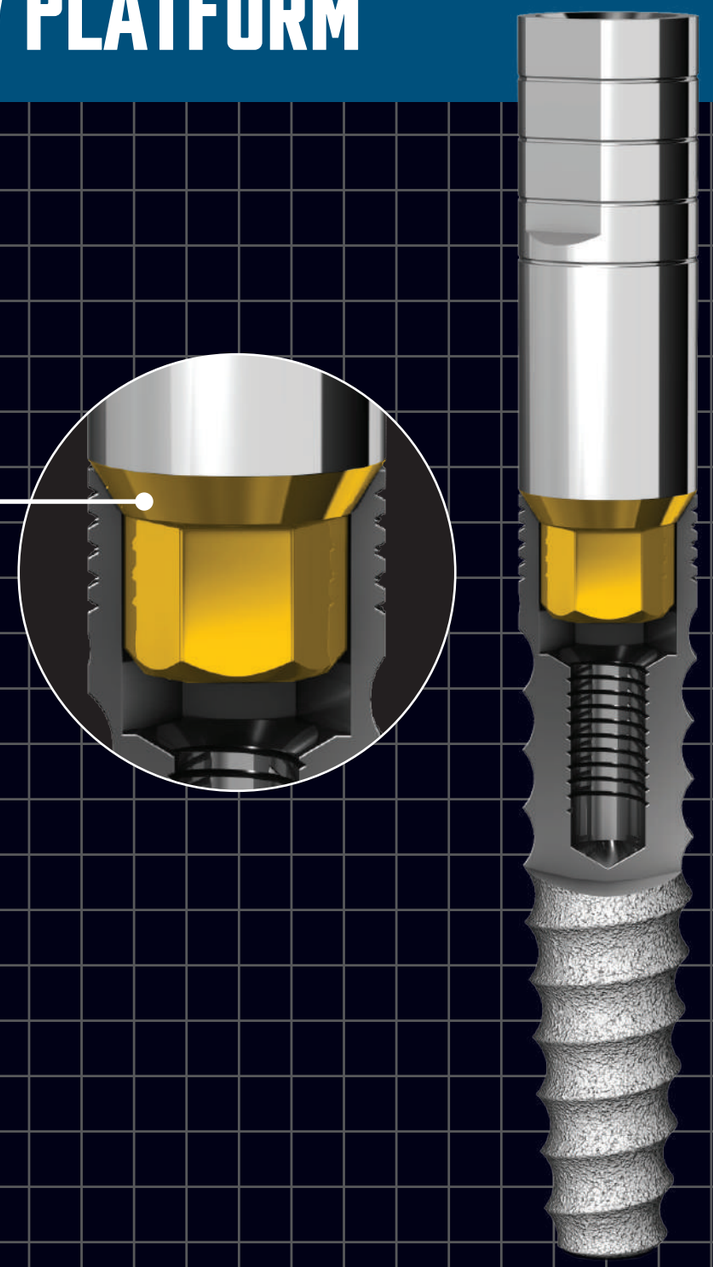
P14base-17 Base for angular adaptor	P14base-30 Base for angular adaptor	P5-P14 Ball for angular adaptor	P25-P14 AB LOC for Angular Adaptor
P14base,17-1	P14base,30-1	P5-P14,1	P25-P14,1
P14base,17-3	P14base,30-3	P5-P14,2	P25-P14,2
$D_{1\,(mm)}$ = 4.4 ∝ 17° $LS_{(mm)}$ = 1.35, 3.75	$D_{1\,(mm)}$ = 4.4 ∝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

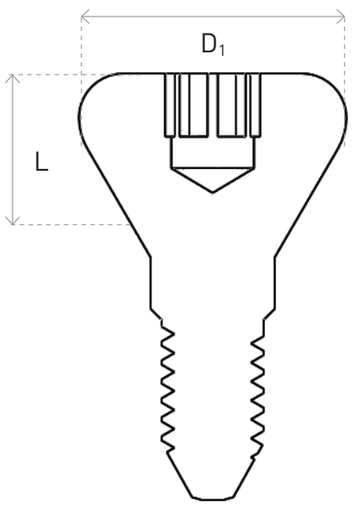
The order and presentation of these products is based on impressions taken from an implant.
There is also an option to take an impression after connecting the abutment to the implant.

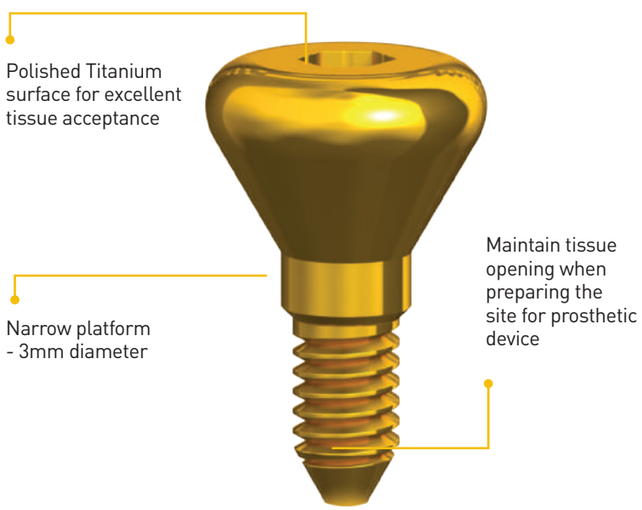
Abutment closure torque 25Ncm.
Screw retained sleeve closure torque 20Ncm.

	Healing caps	Transfers / Scan Bodies / Analogs		Abutments
		Impressions	CAD/CAM	Temporary
Cement-Retained Restoration	P0-3 Page 102	D1-3 Page 106 D2-3 Page 103 D20-3 Page 103	P3L-3,SC Page 114 D1-3,MA Page 114	P3S-PEEK-3 Page 108
Screw-retained Restoration	P0-P14 Page 119 P0-P64 Page 119	D1-P14 Page 119 D2-P14 Page 119 D1-P64 Page 121 D2-P64 Page 121 D3-3 Page 104 D3W-3 Page 104 D4-P64 Page 85	P14,SC Page 90 P64,SC Page 90 D1-P64,MA Page 90	P14-bT Page 119 P64-bT Page 121
Overdenture Restoration		D4 Page 105		

Abutments\Sleeves\Attachments			
Straight	Angular	Casting	CAD/CAM
P3-3 Page 109 P3W-3 Page 109 P3S Page 109 PK-P3-3 Page 105	P4-3 Page 110 P4L-3 Page 110 P4S-3 Page 110	P2N Page 111 P2NH Page 111	P3N-3,2,TIT Page 115 P3-3,TI Page 115 P3-3,TIT Page 115 P3H-3,TIT Page 115
P16 Page 118 P64 Page 120	P14 Page 119 P64 Page 121	P14-bR Page 119 P14b Page 119 P64b Page 121	P14-bts Page 91 P14-bRs Page 91 P64-bT-C Page 91 P64-bTs Page 91 P64-bRs Page 91
P5-3 Page 124 P25-3 Page 125	P14BASE-3 Page 127 P5-P14 Page 127 P25-P14 Page 127 P5-3,20 Page 126		

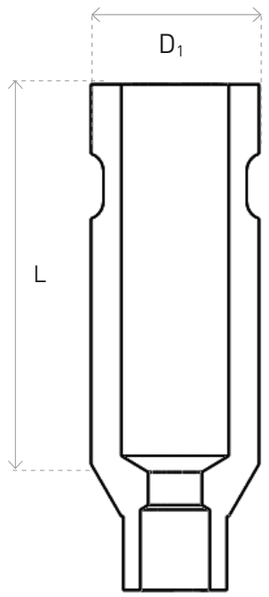
P0 TITANIUM HEALING CAP

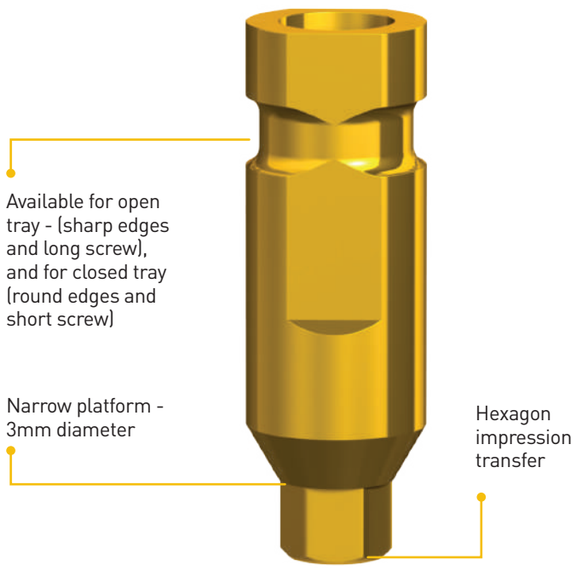




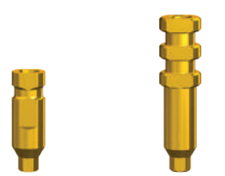
P0
Titanium healing cap
P0-3,2
P0-3,3
P0-3,4
P0-3,5
P0-3,7
$D_{1\,(mm)}$ = 4.2 $L_{(mm)}$ = 2, 3, 4, 5, 7

D2 IMPRESSION TRANSFER

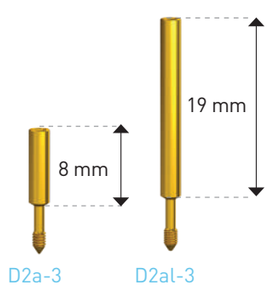




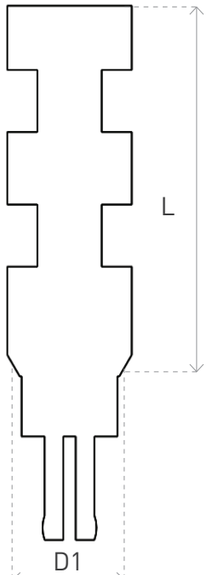
D2	D20
Impression transfer for closed tray	Impression transfer for open tray
D2-3,9	D20-3,15
$D_{1\,(mm)}$ = 3.75 $L_{(mm)}$ = 9	$D_{1\,(mm)}$ = 3.5 $L_{(mm)}$ = 15

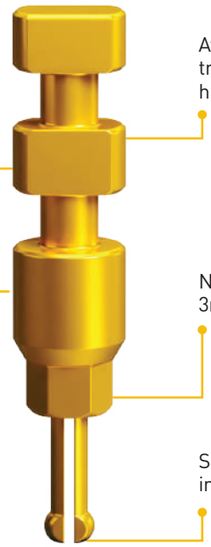


D2 transfers are available with D2a or D2al screws.
A short screw for a closed tray and a long screw for an open tray.



D3 CLIP TRANSFER





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

Available for close tray method with higher precision

Narrow platform - 3mm diameter

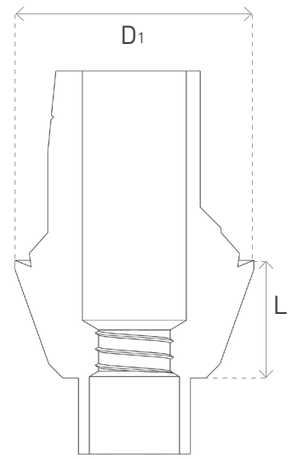
Remains in the impression throughout the process

Suitable for parallel implants only

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

D4 PLASTIC SNAP TRANSFER WITH ABUTMENT

NEW



Impression taking with a click

The set is designed for multiple uses

Available in 3 heights (1-3mm)

Enables quick and simple impression taking as the closed tray technique, while obtaining maximum precision as the open tray technique

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

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

D1-3

Narrow Platform Implant Analog

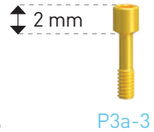
PK-D2

Plastic Transfer

PK-P3-3 NEW

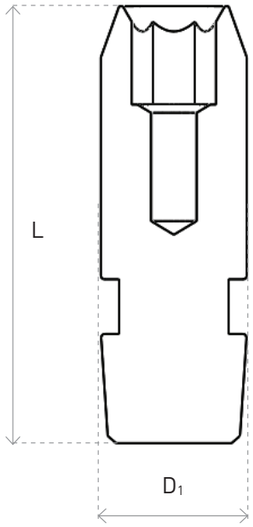
Anatomic Anti-Rotation Abutment
Narrow Platform

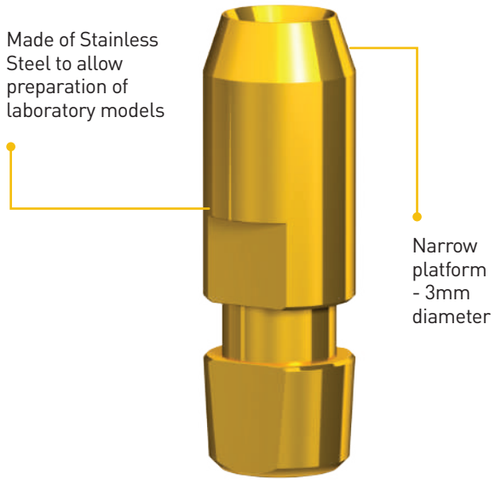
All abutments include a short screw



P3a-3

D1 ANALOG





D1-3

Analog

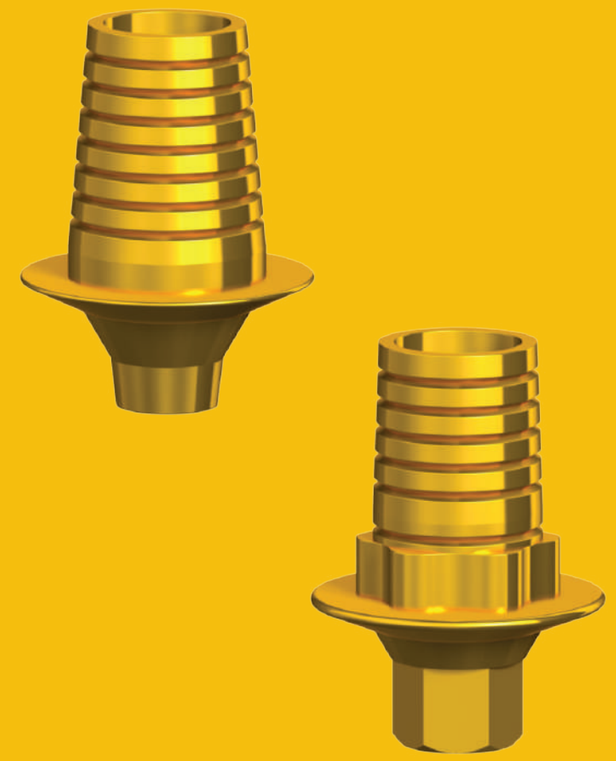
D1-3

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

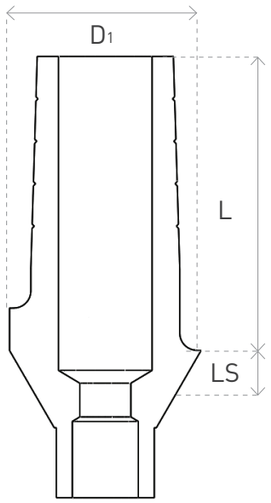
$L_{(mm)} = 12$

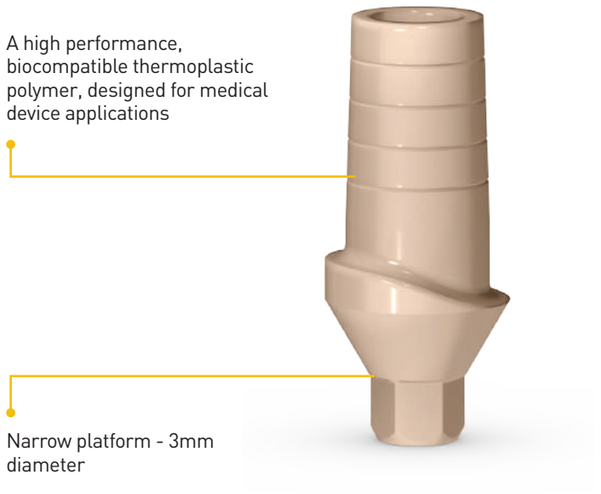
CEMENT-RETAINED RESTORATION

NARROW PLATFORM

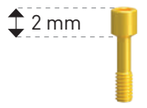


P3S-PEEK TEMPORARY ANATOMIC ANTI-ROTATION ABUTMENT





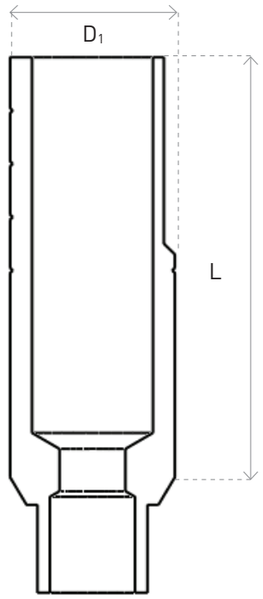
P3S PEEK
Temporary peek anatomic anti-rotation abutment
P3S-PEEK-3,1
P3S-PEEK-3,2
P3S-PEEK-3,3
$D_{1\,(mm)} = 4.5$ $L_{(mm)} = 7.4$ $LS_{(mm)} = 1, 2, 3$

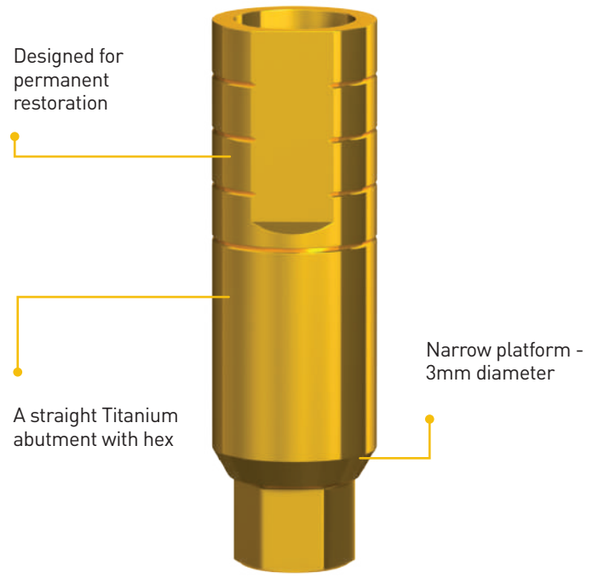


P3a-3

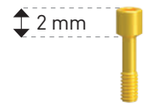
All abutments include a short screw

P3 ANTI-ROTATION ABUTMENT





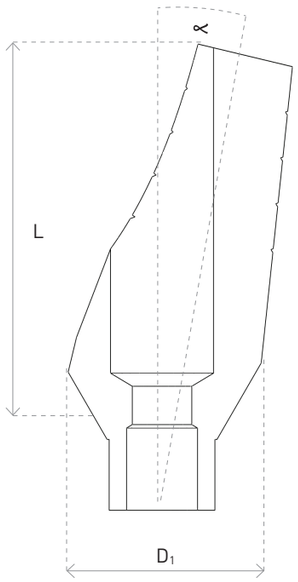
P3	P3W	P3S
Anti-rotation abutment	Wide anti-rotation abutment	Anatomic anti-rotation abutment
P3-3,9	P3W-3,9	P3S-3,1
P3-3,12		P3S-3,2
		P3S-3,3
$D_{1\,(mm)} = 3$ $L_{(mm)} = 9, 12$	$D_{1\,(mm)} = 4$ $L_{(mm)} = 9$	D=3.8 L=7.5 LS=1,2,3

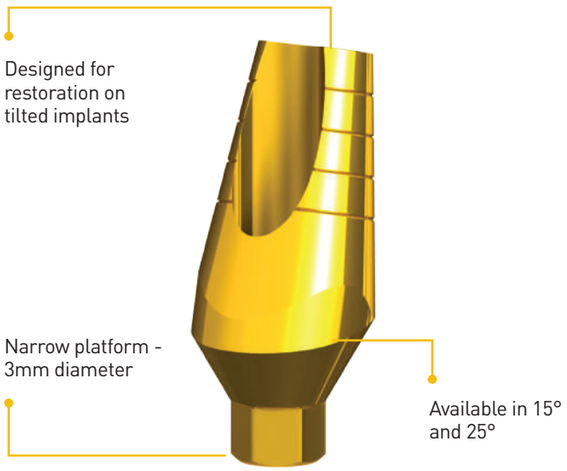


P3a-3

All abutments include a short screw

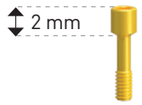
P4 ANGULAR ABUTMENT





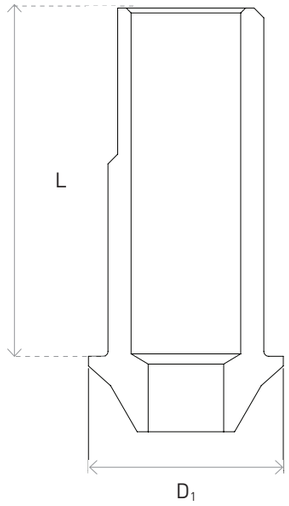
P4 Angular abutment	P4L Long angular abutment	P4S-15 Anatomic angular abutment 15° with shoulder
P4-3,15	P4L-3,15	P4S-3,15-1
P4-3,25	P4L-3,25	P4S-3,15-2
		P4S-3,15-3
$D_{1\,(mm)}$ = 4.2 ∝ 15°, 25° $L_{(mm)}$ = 8	$D_{1\,(mm)}$ = 4.5 for 15° $D_{1\,(mm)}$ = 4.7 for 25° ∝ 15°, 25° $L_{(mm)}$ = 13	$D_{1\,(mm)}$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

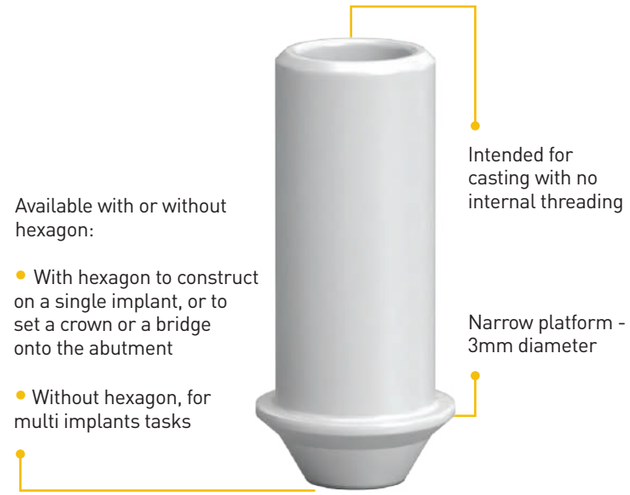
All abutments include a short screw



P3a-3

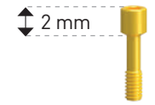
P2N PLASTIC SLEEVE





P2N Plastic Sleeve w/Fixation narrow screw - straight (for bridge)	P2NH 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

All abutments include a short screw.



P3a-3

PK PROSTHETIC KIT

NEW

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
$D_{i\ (mm)}$ = 5.17 $L_{(mm)}$ = 1,2,3

PK-D1
Implant Analog

PK-D2
Plastic Transfer

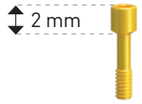
PK-P0
Healing Cap

PK-P2
Plastic Conical Sleeve

PK-P2H
Plastic Conical Sleeve

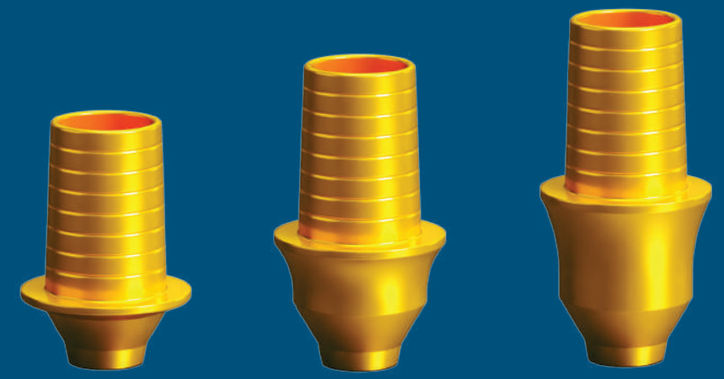
PK-P3-3 NEW
Anatomic Anti – Rotation Abutment
Narrow Platform

All abutments include a short screw

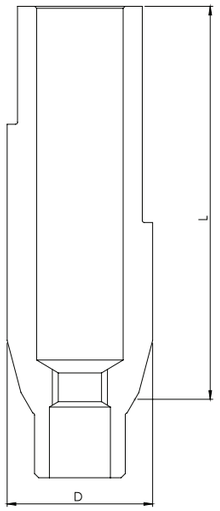


P3a-3

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

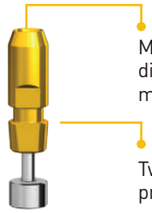
Also for intra-oral scanning

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

Made from PEEK - A high performance, biocompatible thermoplastic polymer

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

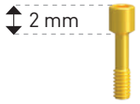
D1-3,MA
Digital Model Analog
D1-3,MA NEW Implant Model Analog Narrow Platform
D (mm) = 3.5 L (mm) = 11 * Includes screw



Model analog for digital printed model manufacturing

Two-Piece design for precise positioning

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

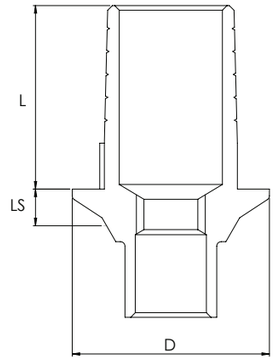


P3a-3

3shape Zirkonzahn exocad dental wings

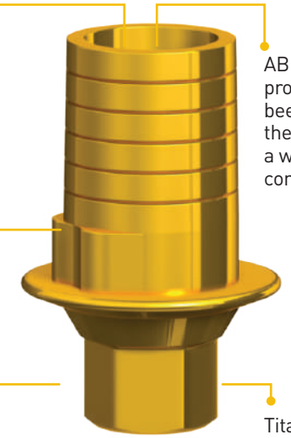
The CAD/CAM libraries were validated in the following system: 3Shape, ZirkonZhan, Exocad, DentalWings.
The most updated CAD/CAM products libraries can be downloaded from AB Dental website.

CAD/CAM TITANIUM BASE



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

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

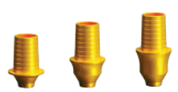


The scanning information is used to produce precise restoration on AB implants using CAD/CAM

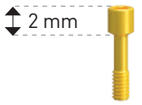
CAD/CAM technology simplifies the work flow, ensuring accuracy, speed and patient comfort

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

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



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



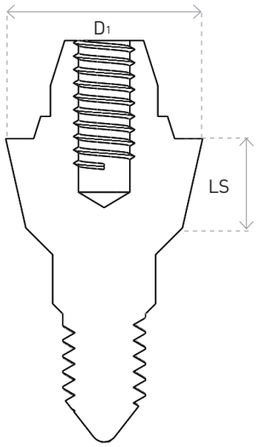
P3a-3

CEMENT-RETAINED RESTORATION - NARROW PLATFORM

SCREW-RETAINED RESTORATION

NARROW PLATFORM

P16/P14 STRAIGHT/MULTI-UNIT ADAPTOR



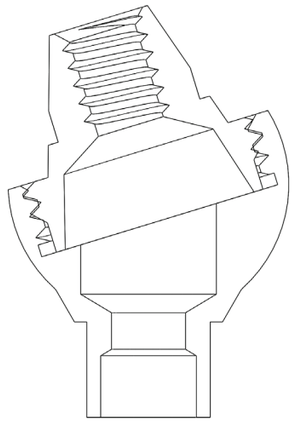
The upper cone solves the lack of parallelism

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

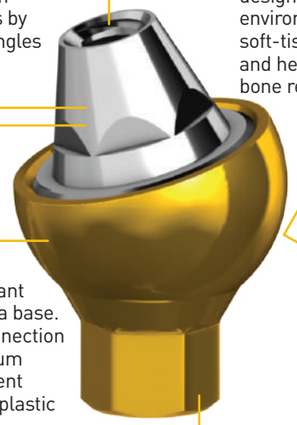


The adaptor (base & cone) enables restoration on non-parallel implants by correcting extreme angles of the implant

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

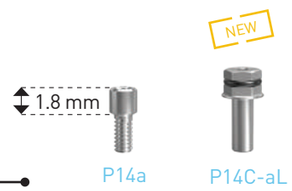


A perfect solution for "All on four" restorations

P16 Straight adaptor	P14-17 Angular adaptor	P14-30 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

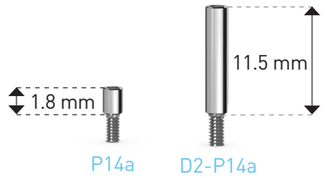
P14/P16 components

P14/P16 adaptors include P14a screw.

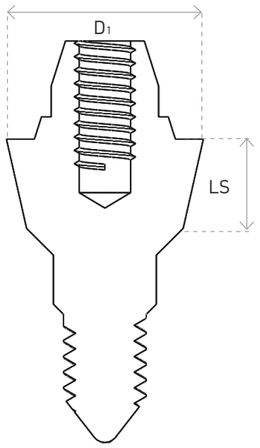


P0-P14 Healing Cap for P14	D2-P14 Impression Transfer for P14	D1-P14 Analog for P14	P14b Sleeves for P14
P0-P14,2.5	D2-P14	D1-P14	P14b-Plastic
P0-P14,4			P14-bt-Titanium
P0-P14,5			P14-bR-Cobalt Chrome
P0-P14,7			
$D_{1\,(mm)}$ = 4.4 $L_{(mm)}$ =2.5, 4, 5, 7	$D_{1\,(mm)}$ = 4.4 $L_{(mm)}$ =12.5	$D_{1\,(mm)}$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

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



P64 STRAIGHT/MULTI-UNIT ADAPTOR



The upper cone solves the lack of parallelism

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

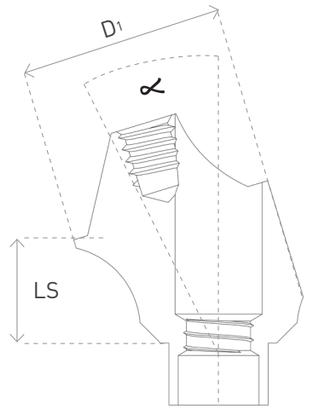
Platform switching by design, allowing perfect environment for soft-tissue growth and helps to prevent bone resorption

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

A straight adaptor made from Titanium



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

Path of insertion is especially wide

Available in angles of 17°, 30°

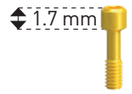
The conical screw thread is deep and wide, giving additional strength to the abutment

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

P64 Straight Adaptor Single Unit	P64-17 Angular Adaptor Single Unit	P64-30 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		
$D_{1\ (mm)}$ = 4.9 $LS_{(mm)}$ = 1, 2, 3	$D_{1\ (mm)}$ = 4.9 ∝ 17° $LS_{(mm)}$ = 0.5, 2	$D_{1\ (mm)}$ = 4.9 ∝ 30° $LS_{(mm)}$ = 0.5, 2

P64 angular adaptor includes P64e-3 screw.
P64 straight adaptor is provided with P14Ca Carrier and P14a screw.
P64 angular adaptor is provided with P64c Carrier.
P14C-aL is an optional long Carrier.

P14a



P64e-3

P64c

P14Ca

NEW

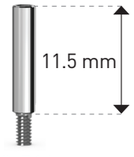
P14C-aL

P0-P64 Healing cap for P64	D2-P64 Transfer for P64	D4-P64 Plastic Snap Transfer kit for P64	D1-P64 Analog for P64	P64-bT Analog for P64	P64b 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.

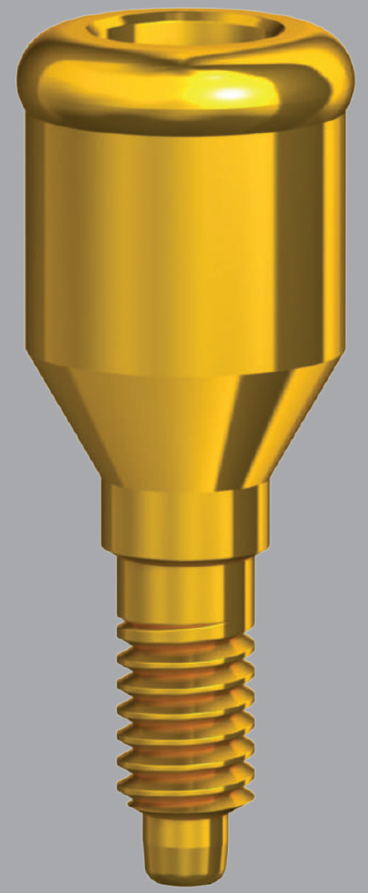
P14a



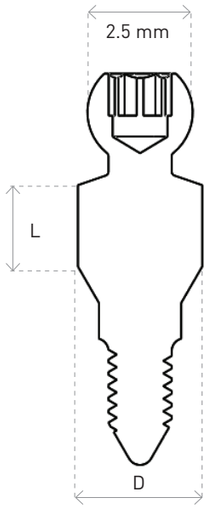
D2-P14a

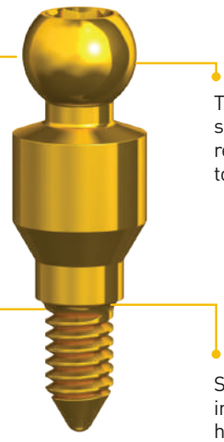
OVERDENTURE RESTORATION

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

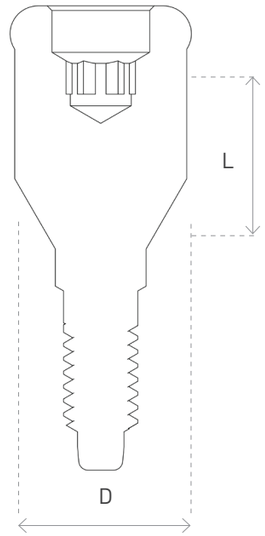
Narrow platform - 3mm diameter

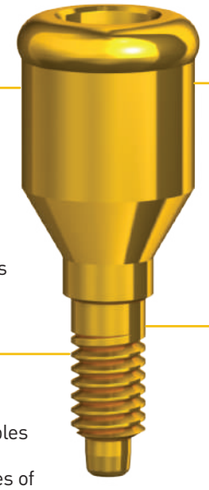
Silicon caps are available in three degrees of hardness, 1-3, from the hardest to the softest

P5 Ball Attachment Abutment	P5b Silicon Cap
P5-3,1	P5b-1 (Hard, grey color)
P5-3,2	P5b-2 (Medium, transparent color)
P5-3,3	P5b-3 (Soft, pink color)
P5-3,4	P5b-4 (For lab, black color)
P5-3,5	
P5-3,6	
$D_{1\,(mm)}$ =3 $L_{(mm)}$ =1, 2, 3 4, 5, 6	$D_{1\,(mm)}$ =4 $L_{(mm)}$ = 2.5

P5 attachment is also available as a set including metal and silicon caps

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

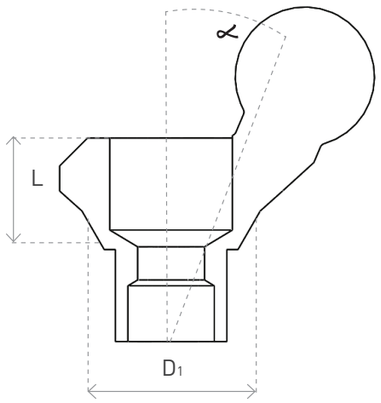
Platform switching by design, allowing perfect environment for soft-tissue growth and helps to prevent bone resorption

P25 AB Loc	P25b Silicon cap
P25-3,0	P25-a,b/10 Locator Male Processing Package (Yellow-extra soft, Pink-soft, Purple-strong, Transparent-standard, Black-for lab)
P25-3,1	P25-a,b/20 Locator Extended Range Male Processing Package (Yellow-extra soft, Pink-soft, Purple-strong, Transparent-standard, Black-for lab)
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	$D_{1\,(mm)}$ =4.6 $L_{(mm)}$ =1.7

P25 attachment includes metal and silicon caps.
Silicon caps are available in four degrees of hardness and suitable for angulation of 10˚and 20˚

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 Angular Ball attachment 20°	P5b Silicon cap
P5-3,20-1.5	P5b-1 (hard, grey color)
P5-3,20-3	P5b-2 (medium, transparent color)
P5-3,20-4	P5b-3 (soft, pink color)
P5-3,20-5	P5b-4 (For lab, black color)
$D_{1\,(mm)}$ =4 ∝ 20^0 $L_{(mm)}$ =1.5, 3, 4, 5	$D_{1\,(mm)}$ =4 $L_{(mm)}$ =2.5

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

P5-20a

P5-20 attachment is also availble as a set including metal and silicon caps.

P5-20 P5a P5b P5d

P5\P25 ANGULAR BASE ATTACHMENT

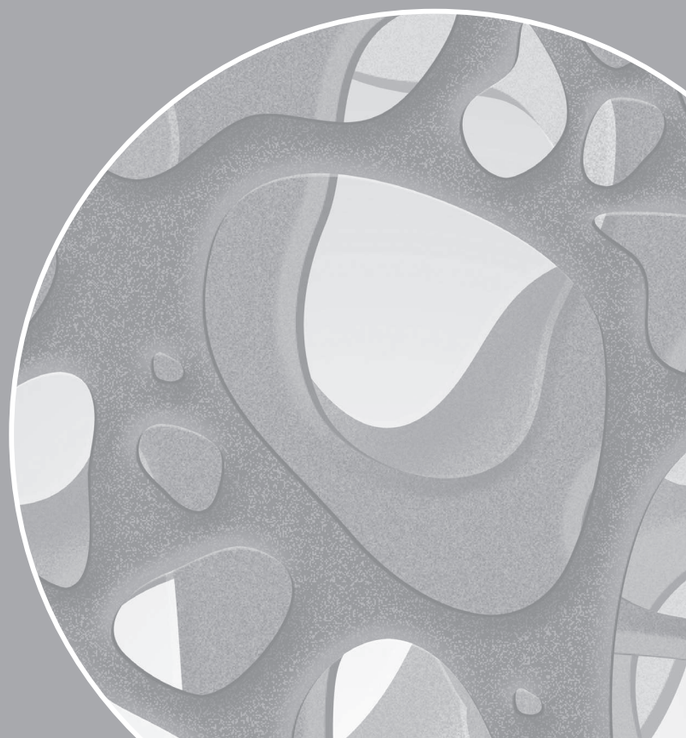
Angular adaptors bases with a combination of ball attachments and AB LOC attachments

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-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 ∝ 17^0 LS $_{(mm)}$ = 1.35, 3.75	$D_{1\,(mm)}$ = 4.4 ∝ 30^0 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-3

BONE GRAFTS & ACCESSORIES



AB BIO MATERIAL BIOFILL-H

Bone Grafts and Tissues from Human Source

CORTIFLEX® – DEMINERALISIERTER CORTICAL SPAN (flexible after Rehydration)

CORTIFLEX® – Demineralized Cortical Strip (flexible after rehydration)

Available sizes:

AB 7545 | Cortical Strut 15 × 30 mm
AB 7546 | Cortical Strut 15 × 60 mm
AB 7547 | Cortical Strut 15 × 120 mm
AB 7548 | Cortical Strut 20 × 25 mm

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
AB1003	0.212-0.85 mm	3cc
AB1005	0.212-0.85 mm	5cc
AB1101	1-2 mm	1cc
AB1103	1-2 mm	3cc
AB1105	1-2 mm	5cc
AB6001	0.5-1.0 mm	1cc
AB6003	0.5-1.0 mm	3cc
AB6005	0.5-1.0 mm	5cc
AB5001	Cortical Cancellous Granules, 0.212-0.85 mm	1cc
AB5003	Cortical Cancellous Granules, 0.212-0.85 mm	3cc
AB5005	Cortical Cancellous Granules, 0.212-0.85 mm	5cc
AB5101	Cortical Cancellous Granules, 1-2 mm	1cc
AB5103	Cortical Cancellous Granules, 1-2 mm	3cc
AB5105	Cortical Cancellous Granules, 1-2 mm	5cc

DEMINERALIZED CORTICAL GRANULES

Bone Graft – has undergone optimized demineralization process. Releases growth factors and enables fast and efficient bone regeneration.

Cat. No.	Description	Size
AB2001	DBM, 0.212-0.85 mm	1cc
AB2003	DBM, 0.212-0.85 mm	3cc
AB2005	DBM, 0.212-0.85 mm	5cc
AB2101	DBM 1-2 mm	1cc
AB2103	DBM 1-2 mm	3cc
AB2105	DBM 1-2 mm	5cc

EPIFLEX®

Matrix of human skin allograft – cell-free. A Gold Standard product for soft tissue supplement in Europe and the United States.

EPIFLEX® HUMAN SKIN, CELL-FREE, FREEZE DRIED

Cat. No.	Description	Size
AB4200	EPIFLEX® Thickness 0.3mm-0.8mm	20x10mm
AB4300	EPIFLEX® Thickness 0.3mm-0.8mm	30x10mm
AB4400	EPIFLEX® Thickness 0.3mm-0.8mm	40x10mm
AB4225	EPIFLEX® Thickness 0.3mm-0.8mm	15x15mm
AB4450	EPIFLEX® Thickness 0.3mm-0.8mm	30x15mm
AB4402	EPIFLEX® Thickness 0.3mm-0.8mm	20x20mm
AB4800	EPIFLEX® Thickness 0.3mm-0.8mm	20x40mm

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
AB3005	DBM PUTTY 0.212-0.85 mm	0.5cc
AB3010	DBM PUTTY 0.212-0.85 mm	1cc
AB3025	DBM PUTTY 0.212-0.85 mm	2.5cc

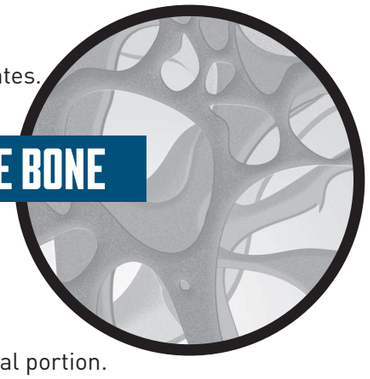
CORTICAL/CANCELLOUS BLOCKS

Human cortical-cancellous bone block. Comes in a variety of sizes.

Cat. No.	Description	Size
AB3745	Thickness 4-5mm j-form	10x10x15mm
AB3765	Thickness 10 mm c-form	15x20mm
AB3601	Cancellous cube	1x1x1cm
AB3609	Cancellous cube	3x1x1cm

BIO MATERIAL BIOFILL-B

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



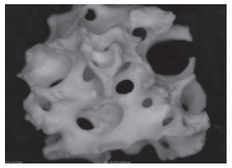
INDICATIONS
1. Bone regeneration and augmentation
2. Alveolar ridge defect
3. Extraction defect
4. Sinus augmentation
5. Periodontal defect

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

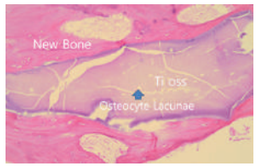
Bone Graft Biology



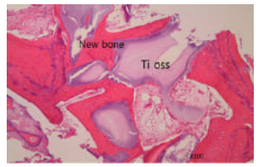
Angiogenic structure
Gold Standard
Multiporosity

Biopsy Results

3 Months biopsy findings



4 months biopsy result



4 Months biopsy

BIO MATERIAL BIOFILL-S

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-l	BioFill-S-0.5g, 1-2 mm Granules (5 Unit pack)
BioFill-S-0.5g-s	BioFill-S-0.5g, 0.5-1 mm Granules (5 Unit pack)
BioFill-S-1g-l	BioFill-S-1g, 1-2 mm Granules (5 Unit pack)
BioFill-S-1g-s	BioFill-S-1g, 0.5-1 mm Granules (5 Unit pack)

ABPhysio/ABPhysio-light MOTOR SYSTEM FOR IMPLANTOLOGY

20:1 CONTRA ANGLE

20:1 LED CONTRA ANGLE

New A.B. 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 A.B. 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 A.B. 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:

- A.B. 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)

TLJ TRANSPARENT LOWER JAWS

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

INDEX

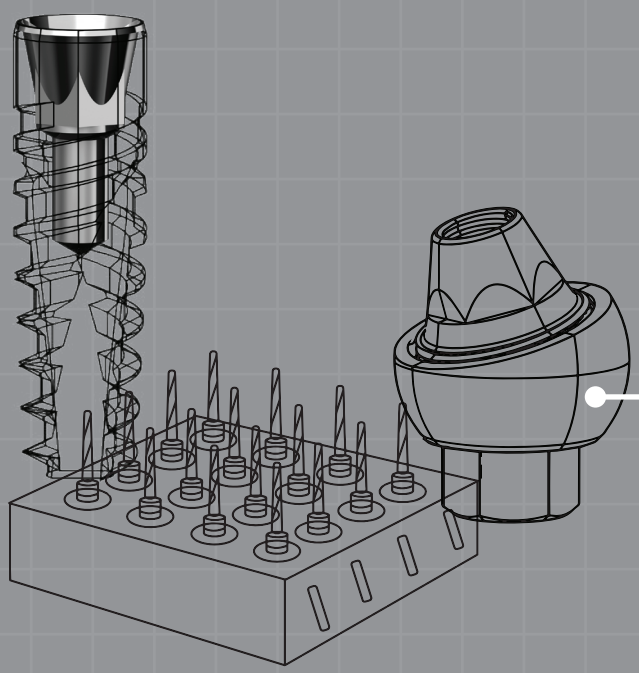
INDEX

INDEX

INDEX

CE 2797
DMS 290 G
Rev.0120

SUPERIOR IMPLANT TECHNOLOGY



TEL +972-8-8531388 | FAX +972-8-8522562 | www.ab-dent.com