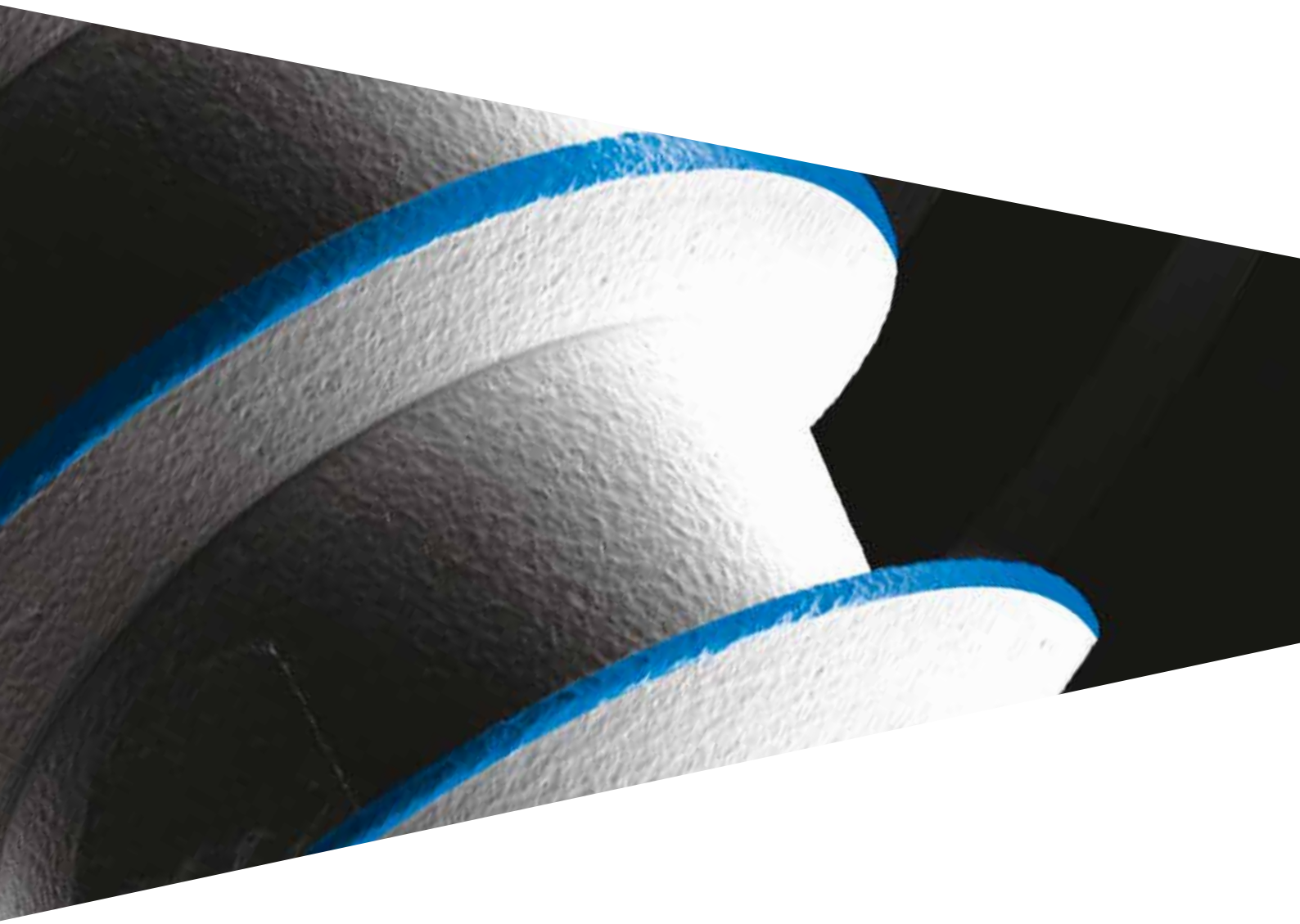
Product catalogue

SHELTA



sweden & martina
IMPLANTOLOGY

Some products may not be regulatory cleared/released for sale in all markets.
Please contact the local Sweden & Martina or distributor sales office for current products availability.

Shelta

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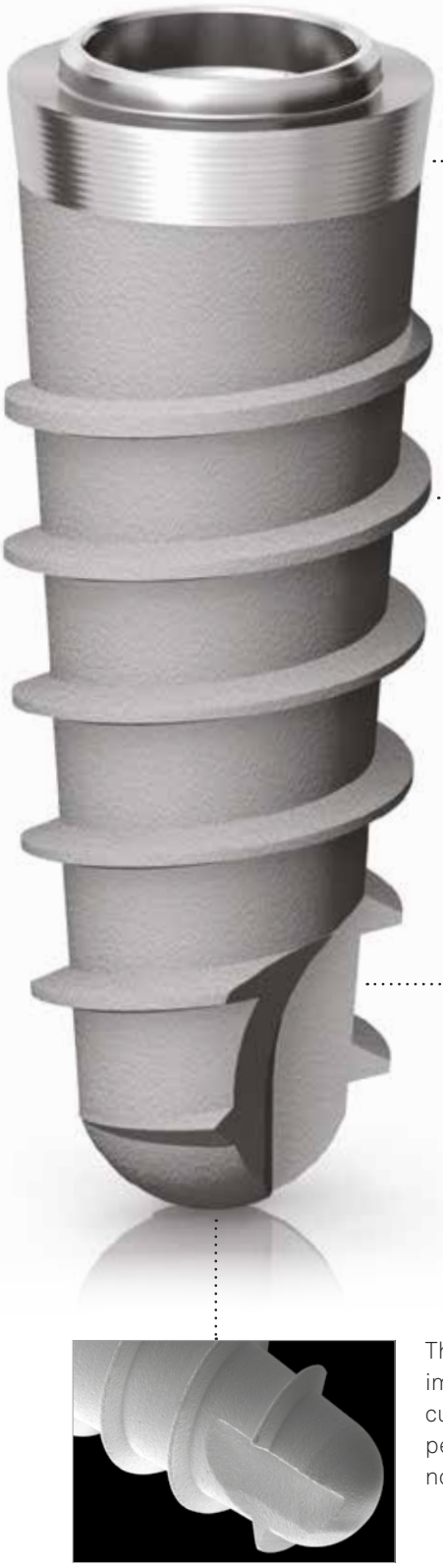
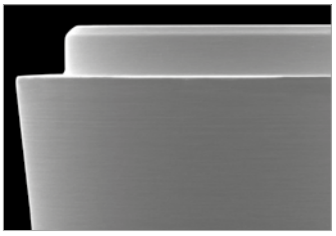
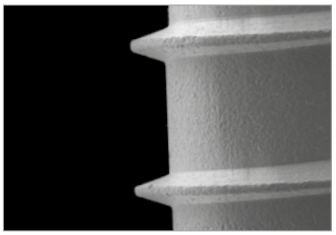
Shelta implants

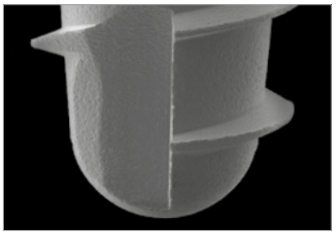




Shelta implants have a collar for prosthetic support and a machined neck.



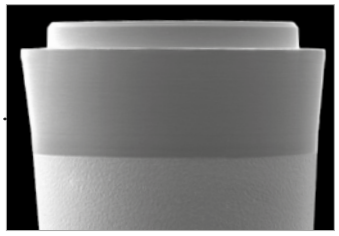
The thread of Shelta implants is characterised by a triangular profile.



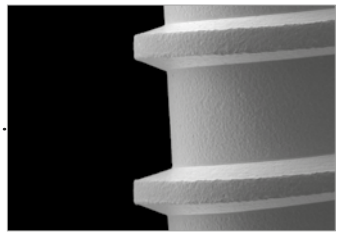
The thread of Shelta implants develops with the same geometry along the whole body of the implant.

The apex of Shelta implants has two cut-outs that increase its penetration capacity and non-rotational property.

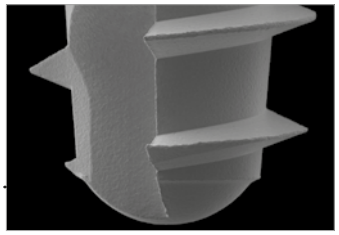
Shelta SL implants (Wide Thread)



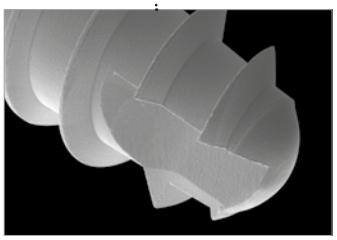
Shelta SL implants have the same prosthetic support collar and the same machined neck as Shelta implants.



The thread of Shelta SL implants maintains a constant pitch, but the depth varies along the implant body.



The thread of the Shelta implants maintains a costant outer thread diameter with a tapered inner body diameter. This results in pronounced and sharp apical threads.

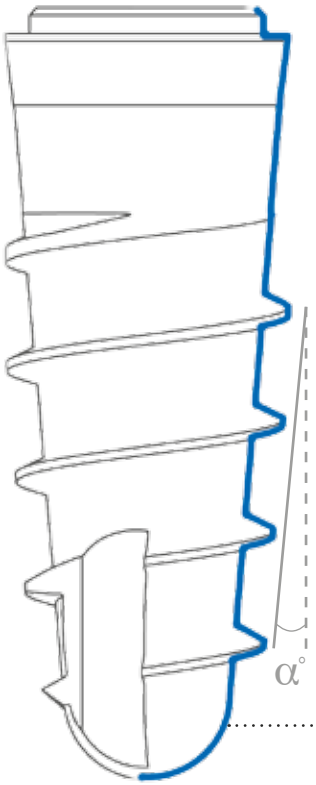


Shelta SL implants have a rounded apex, but the dimension is reduced due to the more pronounced threading.

Choosing the thread

Shelta and Shelta SL implants differ in the morphology of the apical part.

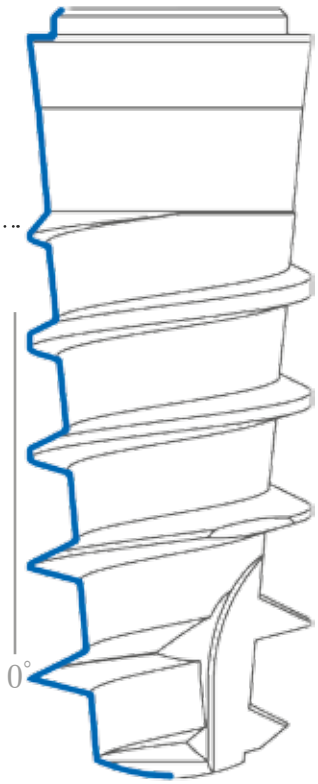
SHELTA



Shelta SL implants have a core with a conical geometric shape, though they maintain a constant cylindrical external diameter along the whole length of the implant. This characteristics means that the threading at the apex is much more accentuated.

In **Shelta** implants both the core of the implant and the threading have a conical morphology.
Furthermore, unlike Shelta SL implants, the apex is a complete hemisphere with the presence of a less aggressive thread.

SHELTA SL

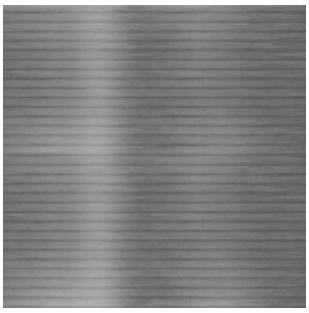


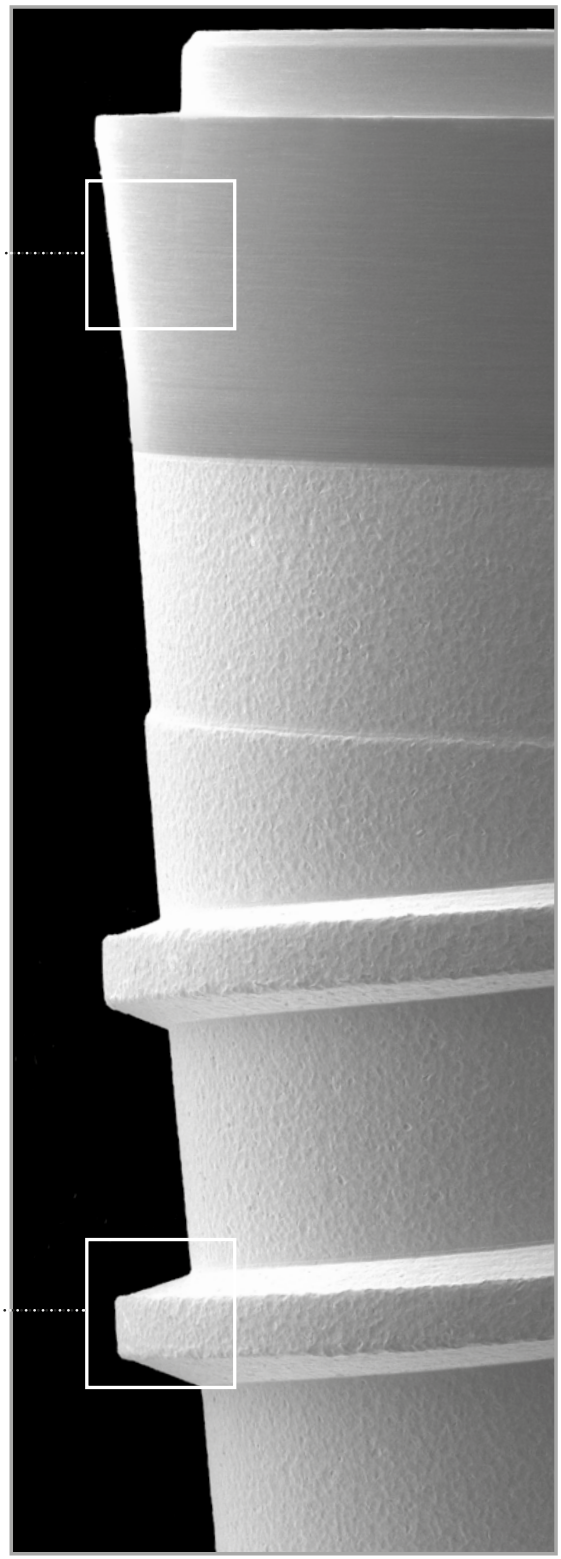
The crest of the thread of **Shelta SL** implants increases gradually in the coronal direction.
This increases the high cutting capacity of the most apical threads.

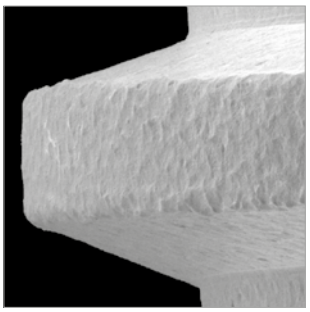
The crest of the thread of **Shelta** implants, on the other hand, is constant along the whole body of the fixture.

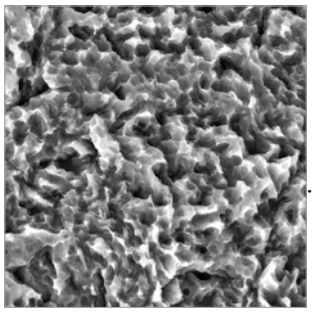
ZirTi surface
(Zirconium Sand-Blasted Acid Etched Titanium)

The **machined collar** prevents the accumulation of plaque in the area where the post joins the implant.





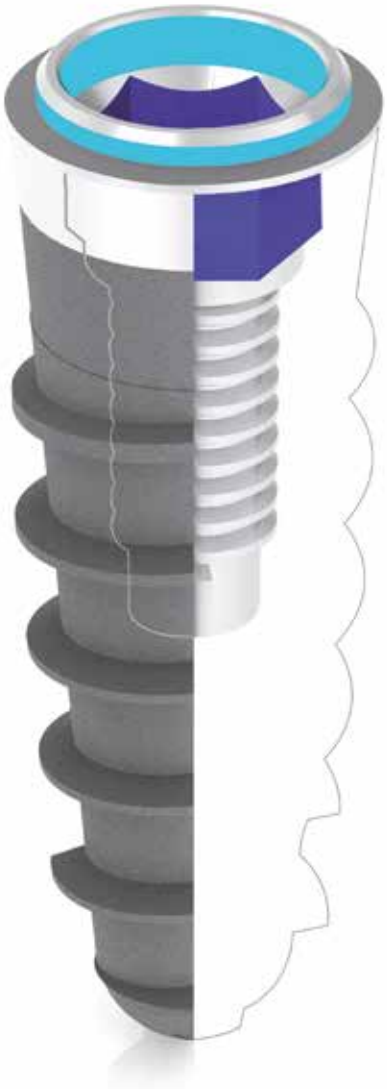




Shelta and Shelta SL implants are available in ZirTi surface. The implant body is treated with appropriate subtraction techniques that give the surface the characteristic ZirTi morphology.

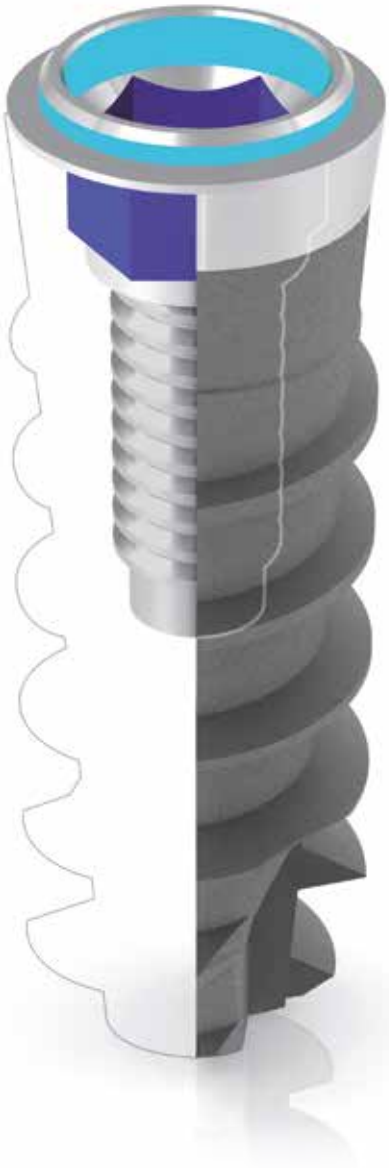
Connection

Shelta and Shelta SL implants have a common prosthetic connection geometry, thus facilitating the task of the restoring doctor, independent of the implant platform diameter. This connection is the same as that of the Ø 3.80 mm implants in the Premium (and Premium SP) family by Sweden & Martina.



Collar
A collar is present on the top of the implant neck.
The internal part of the collar allows safe and easy engaging of the insertion drivers.

Internal hexagon for repositioning of the prosthesis
Located in a coronal position, it is characterised by good visibility.



Platform Switching

The Platform Switching is a prosthetic rehabilitation technique that aims to distance the prosthetic connection platform from the cervical bone.
All Shelta implants have a single connection hexagon, over which is a collar that is the same on all platforms: this considerably simplifies prosthesis management. The posts are available in two diameters, 3.30 mm and 3.80 mm.

Diameter 3.80 mm posts can be used with the Platform Switching technique on Ø 4.25 mm and Ø 5.00 mm implants, as shown in the pictures below.

Ø 3.80 post

Ø 3.80 implant

Ø 3.80 post

Ø 4.25 implant

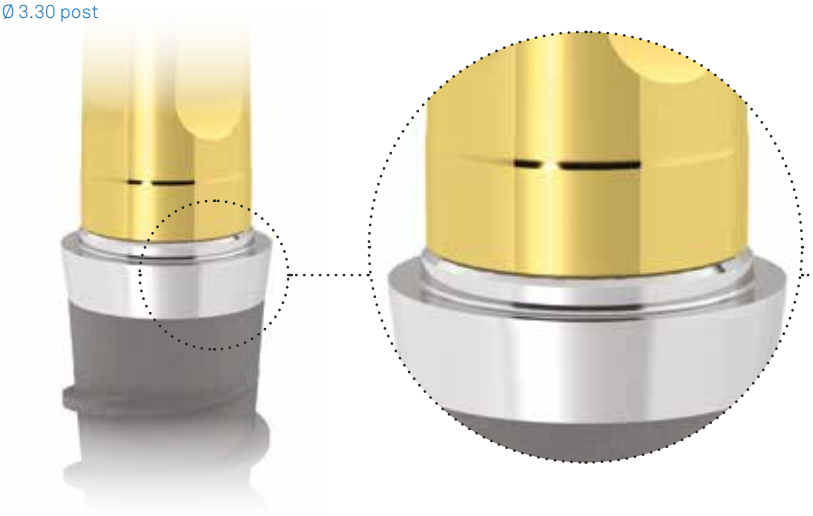
Ø 3.80 post

Ø 5.00 implant

Platform Switching on Shelta implants Ø 3.80 mm

Should the prosthodontist wish to use the Platform Switching technique with the Ø 3.80 mm implant, this can be done using the Ø 3.30 mm posts of the Premium family by Sweden & Martina (see from page 42) as shown below.

Ø 3.30 post



Ø 3.80 implant

The standard Ø 3.30 mm posts perform prosthetic switching on Ø 3.80 implants resting on the external collar of the implants, and thus increasing the mismatching measurement.

Important warning
Considering the reduced diameter of Ø 3.30 mm prosthetic components, it is recommended to use them exclusively on Ø 3.80 mm implants for single crowns in front sectors (excluding premolars), and only as a support for multiple prostheses in distal sectors.

Mountless surgical procedure

The implant does not require a mounter for inserting into the implant site because it is engaged directly inside the connection by practical Easy Insert drivers designed to guarantee a safe grip.

A single instrument that allows the insertion of all Shelta implant diameters.
The **colour code** on the instrument shank and on the retaining metal O-rings facilitates the identification and choice of the item needed.

The Easy Insert drivers aid **visibility of the operating field**, do not occupy much space, and allow adjusting the connection hexagon properly because their hexagonal visual index is the same as a prosthetic index.

Engagement is obtained with a **titanium O-ring** that engages inside the connection.

Key to the implant codes

The implant codes are so-called “mnemonic” codes, i.e. they allow easy identification of the piece. Below is a table showing how the mnemonic codes work using code SH-ZT-380SL-115 as an example:

Type of implant	Surface	Diameter	Thread	Length
SH-	ZT-	380	SL-	115
SH: Shelta Implant	**ZT**: ZirTi surface	**380**: 3.80 mm **425**: 4.25 mm **500**: 5.00 mm *is the size of the diameter of the implant platform*	**SL**: Wide Thread *if no specifications are available, it refers to a standard thread (that is a thread that maintains its geometry along the body of the implant)*	**085**: 8.50 mm **100**: 10.00 mm **115**: 11.50 mm **130**: 13.00 mm **150**: 15.00 mm *refers to the length of the implant*

All measurements in this catalogue are given in mm, unless indicated otherwise.

Table of colour codes

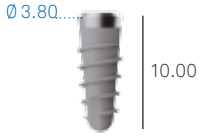
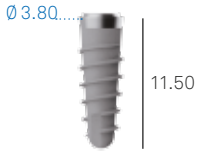
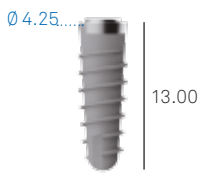
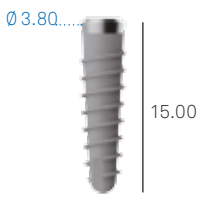
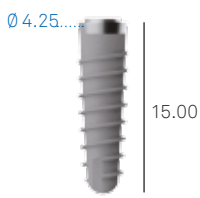
A colour code system has been defined in the Shelta implant system for identifying the intraosseous diameter of the implant.
The final drills and the sequence on the surgical tray are also identified with the colour code.

implant diameter	Ø 3.80	Ø 4.25	Ø 5.00
Colour code on the pack			

Important warning
The prosthetic components do not follow this colour code system, and should only be considered for the surgical phase.

Shelta implants

Shelta implants are characterised by a tapering that gradually decreases as the length of the implants increases. The angle remains unchanged between implants of different diameters, but of the same length.

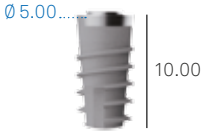
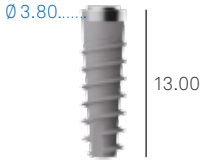
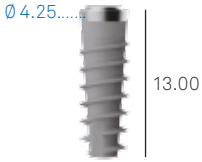
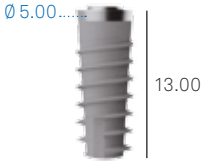
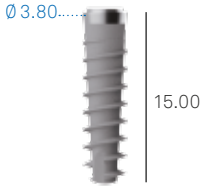
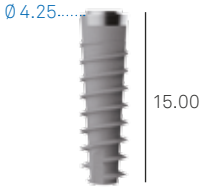
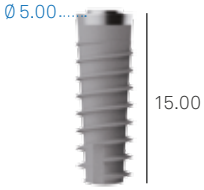
implant diameter	Ø 3.80 mm	Ø 4.25 mm	Ø 5.00 mm
8.50	**SH-ZT-380-085** 	**SH-ZT-425-085** 	**SH-ZT-500-085** 
10.00	**SH-ZT-380-100** 	**SH-ZT-425-100** 	**SH-ZT-500-100** 
11.50	**SH-ZT-380-115** 	**SH-ZT-425-115** 	**SH-ZT-500-115** 
13.00	**SH-ZT-380-130** 	**SH-ZT-425-130** 	**SH-ZT-500-130** 
15.00	**SH-ZT-380-150** 	**SH-ZT-425-150** 	**SH-ZT-500-150** 
Surgical cover screws*	**SH-VT-380** 	**SH-VT-380** 	**SH-VT-380** 

** Each implant is sold with its own surgical cover screw.*

Reccomended torque for surgical cover screw: 8-10 Ncm.

Shelta SL implants (Wide Thread)

The conical geometry of Shelta SL implants replicates that of Shelta implants with a standard thread with the same length and connection diameter.

implant diameter	Ø 3.80 mm	Ø 4.25 mm	Ø 5.00 mm
8.50	**SH-ZT-380SL-085** 	**SH-ZT-425SL-085** 	**SH-ZT-500SL-085** 
10.00	**SH-ZT-380SL-100** 	**SH-ZT-425SL-100** 	**SH-ZT-500SL-100** 
11.50	**SH-ZT-380SL-115** 	**SH-ZT-425SL-115** 	**SH-ZT-500SL-115** 
13.00	**SH-ZT-380SL-130** 	**SH-ZT-425SL-130** 	**SH-ZT-500SL-130** 
15.00	**SH-ZT-380SL-150** 	**SH-ZT-425SL-150** 	**SH-ZT-500SL-150** 
Surgical cover screws*	**SH-VT-380** 	**SH-VT-380** 	**SH-VT-380** 

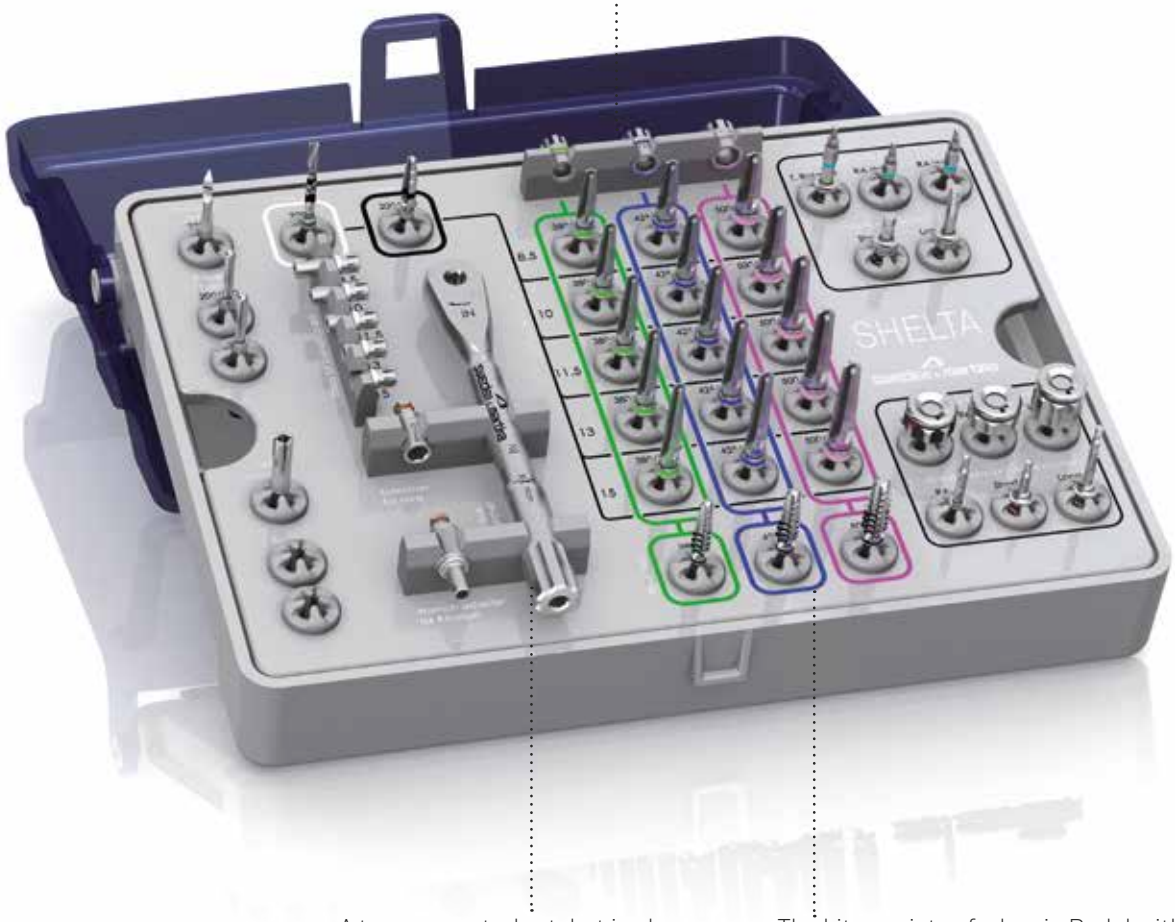
** Each implant is sold with its own surgical cover screw.*

Reccomended torque for surgical cover screw: 8-10 Ncm.

Surgical kit

The instruments included in the Shelta surgical kit are made of steel for surgical use, have their descriptions screen-printed on the tray to allow the user to identify each instrument more easily and to put it back, with the aid of a colour code system that traces the suitable surgical procedures for the various implant diameters.
The Shelta surgical kit is also supplied with the templates for the graphic representation of the implant measurements to allow choosing the most suitable implant diameters and lengths by means of radiographic or tomographic analyses.

The surgical kit has very compact dimensions.



A torque-control ratchet is also included that acts as a torque-control ratchet for checking the closing torque of the prosthetic screws and as a surgical key for inserting the implants.

The kit consists of a box in Radel with a surgical tray inside that is set-up to hold the instruments according to a guided procedure. The sequences of use of the instruments are indicated by coloured marks.

description	code
Complete surgical kit of the instruments necessary for Shelta and Shelta SL implants	**ZSHELTA-INT** 
Kit with 5 spare silicon supports for surgical trays, for drills or instruments with right angle shanks	**GROMMET-CA-1** 
Kit with 5 spare silicon supports for surgical trays, for instruments fitted with connection hexagon	**GROMMET-CA-2** 

Screw kit

The Sweden & Martina Screw kit is a handy set containing the drivers necessary for the prosthetic phases, from the removal of the healing abutments to the final fastening of the over-structures, the drivers for standard abutments, straight profile P.A.D. and Locators and the drivers for ball attachments.

It includes digital and right angle drivers, a carrier for angled P.A.D. abutments and a torque-control ratchet.

Small and easy to carry, it allows simple and immediate management of the prosthetic rehabilitation phase after surgery.

description	code
Screw kit complete with prosthetic instruments	**ZSCREW-INT** 
Kit with 5 spare silicon supports for surgical trays, for drills or instruments with right-angle shanks	**GROMMET-CA-1** 
Kit with 5 spare silicon supports for surgical trays, for instruments fitted with connection hexagon	**GROMMET-CA-2** 

Initial and intermediate drills

All Sweden & Martina drills are made of steel for surgical use.

Precision drill: very sharp and precise, it facilitates the opening of the implant site.

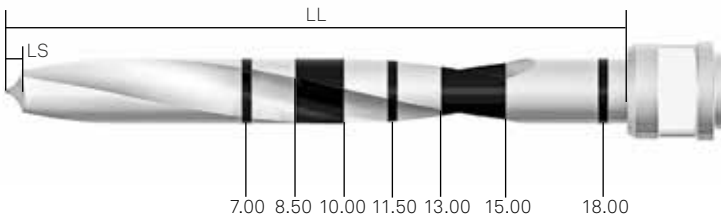
Intermediate drill: has a shape with progressive diameter.

Pilot drill: presents different heights of the laser markings.

precision drill	intermediate drill	kit
FS-230 precision drill 	**FG-200/280XS** intermediate drill, Ø 2.00 - 2.80 mm 	ZSHELTA-INT

pilot drill and relative stops						kit
FPT3-200-LXS pilot drill 	**STOP3-200-085** 8.50 mm pilot drill stop 	**STOP3-200-100** 10.00 mm pilot drill stop 	**STOP3-200-115** 11.50 mm pilot drill stop 	**STOP3-200-130** 13.00 mm pilot drill stop 	**STOP3-200-150** 15.00 mm pilot drill stop 	ZSHELTA-INT

LL: Total length of the working part, including the tip.
LS: Length of the tip. This measurement must be calculated in addition to the length of the preparation hole.



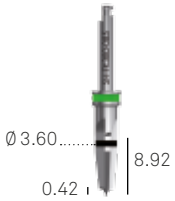
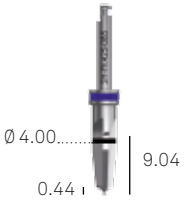
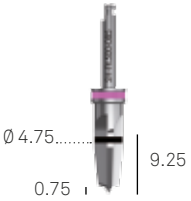
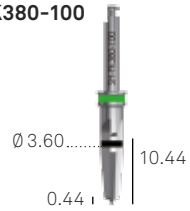
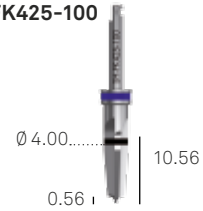
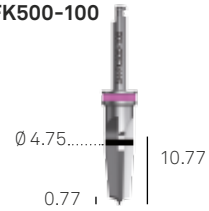
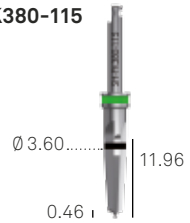
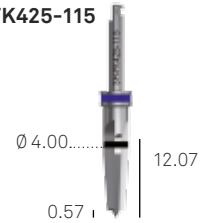
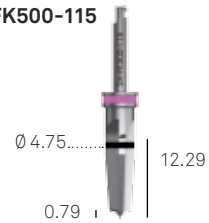
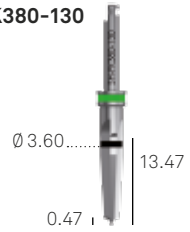
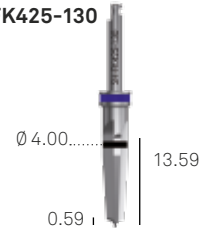
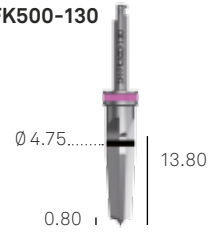
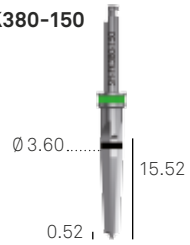
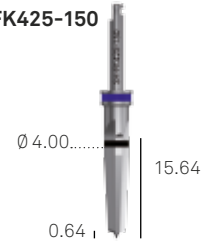
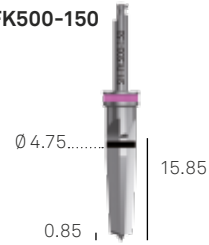
Please note: The initial drills in this page and the conical drills shown on pages 22-23 always make a hole that is longer than the implant to be inserted. The oversizing (LS) is equal to the height of the tip of the drill that is being used. See drawing above.

Final conical drills and stops

Also made of steel for surgical use, the final conical drills are characterised by four straight cutting edges.

Laser marking: the thickness of the laser marking corresponds to the height of the polished neck of the implants, thus allowing precise control of the depth of preparation of the surgical site.

Straight edge cut: the straight edge cut gives a great cutting capacity.

implant diameter	Ø 3.80 mm	Ø 4.25 mm	Ø 5.00 mm	kit
8.50	**SH-FK380-085** 	**SH-FK425-085** 	**SH-FK500-085** 	ZSHELTA-INT
10.00	**SH-FK380-100** 	**SH-FK425-100** 	**SH-FK500-100** 	ZSHELTA-INT
11.50	**SH-FK380-115** 	**SH-FK425-115** 	**SH-FK500-115** 	ZSHELTA-INT
13.00	**SH-FK380-130** 	**SH-FK425-130** 	**SH-FK500-130** 	ZSHELTA-INT
15.00	**SH-FK380-150** 	**SH-FK425-150** 	**SH-FK500-150** 	ZSHELTA-INT
stop	**SH-STOP-FK380** 	**SH-STOP-FK425** 	**SH-STOP-FK500** 	ZSHELTA-INT

LL: Total length of the working part, including the tip.
LS: Length of the tip. This measurement must be calculated in addition to the length of the preparation hole.

Please note: The drills always make a hole that is longer than the implant to be inserted. The oversizing (LS) is equal to the height of the tip of the drill that is being used (see drawing above).

Parallelism pin, bone taps, and drills for distal sectors

Shelta implants are self-tapping implants with excellent cutting and insertion capabilities. However, the use of a bone tap is recommended in all cases where the type of bone requires it. The absence of tapping in cases where this is recommended may lead to problems later when inserting the implant. As an option, shorter drills are available that are very practical in distal sectors with limited oral opening. They are available in the two diameters of cylindrical drills present in the surgical kit (Ø 2.00 and Ø 2.80 mm).

Bone taps: they are available both with right angle shank and with a connector for torque-control ratchet.

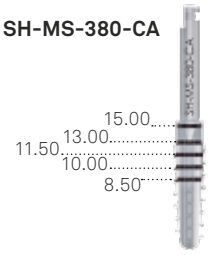
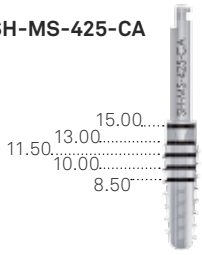
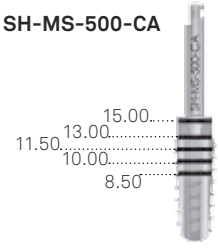
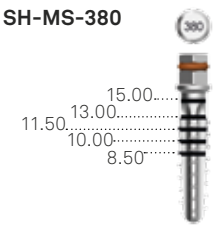
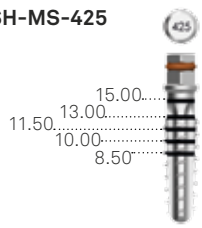
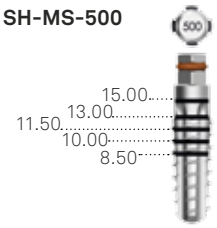
Distal drills: short length, for distal sectors with limited oral opening.

Parallelism pins: they have one side with Ø 2.00 mm and the other Ø 2.80 mm so as to be able to check the insertion axis of the implants from the preliminary hole with the Ø 2.00 mm drill length.

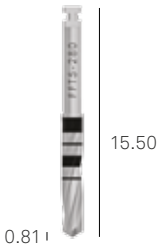
Parallelism pin

description	code	kit
Parallelism pin with one side Ø 2.00 and the other Ø 2.80 mm	**PP-2/28** 	ZSHELTA-INT
Parallelism pin with depth marking, large version	**PPTL-2-28** 	-
Parallelism pin with depth marking, small version	**PPTS-2-28** 	-

Bone taps

description	Ø 3.80 mm	Ø 4.25 mm	Ø 5.00 mm	kit
Bone taps with right angle attachment	**SH-MS-380-CA** 	**SH-MS-425-CA** 	**SH-MS-500-CA** 	ZSHELTA-INT
Bone taps with hexagonal attachment	**SH-MS-380** 	**SH-MS-425** 	**SH-MS-500** 	-

Drills for distal sectors

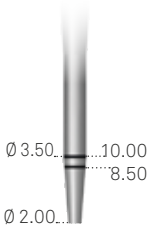
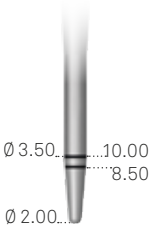
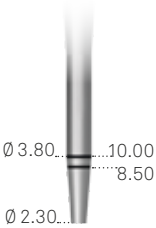
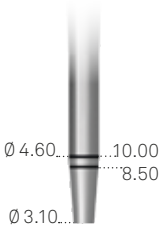
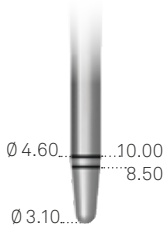
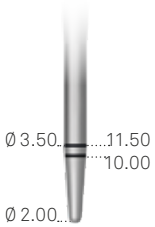
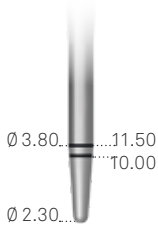
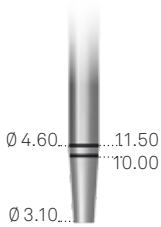
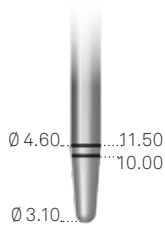
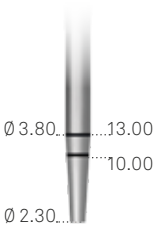
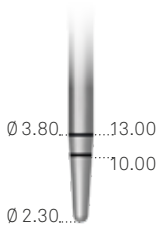
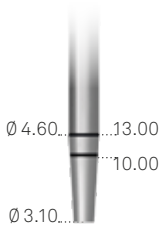
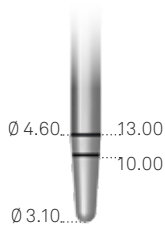
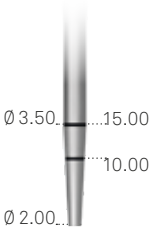
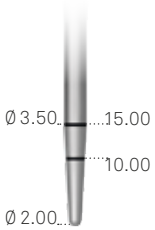
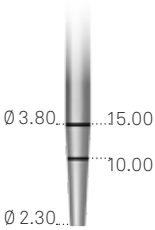
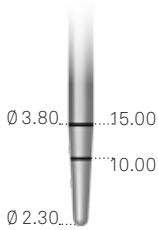
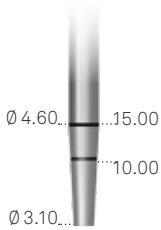
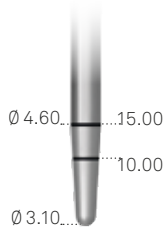
description	code	kit
Cylindrical drill, Ø 2.00 mm	**FPT5-200-LXS** 	-
Cylindrical drill, Ø 2.80 mm	**FFT5-280-LXS** 	-

The parallelism pins with laser marking, the bone taps with hexagonal attachment and the drills for distal sectors are not included in any kit. They are to be ordered separately.

Osteotomes

A set of osteotomes made of steel for surgical use is available, useful for maxillary sinus floor expansion and lift protocols via the crestal bone.
The laser-etched codes on the handles show the diameter of the osteotome, so as to facilitate recognition of the correct surgical sequence.

The use of osteotomes is ideal in bone expansion procedures.

implant diameter	ø 3.80		ø 4.25		ø 5.00	
Osteotome for implant h. 8.50 mm and 10.00 mm	**SH-OS-380-100-PP** 	**SH-OS-380-100-PR** 	**SH-OS-425-100-PP** 	**SH-OS-425-100-PR** 	**SH-OS-500-100-PP** 	**SH-OS-500-100-PR** 
Osteotome for implant h. 11.50 mm	**SH-OS-380-115-PP** 	**SH-OS-380-115-PR** 	**SH-OS-425-115-PP** 	**SH-OS-425-115-PR** 	**SH-OS-500-115-PP** 	**SH-OS-500-115-PR** 
Osteotome for implant h. 13.00 mm	**SH-OS-380-130-PP** 	**SH-OS-380-130-PR** 	**SH-OS-425-130-PP** 	**SH-OS-425-130-PR** 	**SH-OS-500-130-PP** 	**SH-OS-500-130-PR** 
Osteotome for implant h. 15.00 mm	**SH-OS-380-150-PP** 	**SH-OS-380-150-PR** 	**SH-OS-425-150-PP** 	**SH-OS-425-150-PR** 	**SH-OS-500-150-PP** 	**SH-OS-500-150-PR** 
tip	flat	rounded	flat	rounded	flat	rounded

The osteotomes are not included in any kit. They are to be ordered separately.

Additional instruments

All the additional instruments for Shelta and Shelta SL implants, made of steel for surgical use, have been designed to offer maximum ergonomics and ease of use. All the instruments have a laser-marked code for easy identification of the pieces.

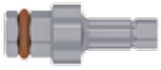
Easy Insert drivers: carrier and driver for implants.

Drivers: solid help for removing implants.

Carriers and drivers for implants

description	code	kit
Short driver with right angle shank	**EASYC2-EX230-CA** 	ZSHELTA-INT
Long driver with right angle shank	**EASYL2-EX230-CA** 	ZSHELTA-INT
Driver with connector for torque-control ratchet	**EASY2-EX230-EX** 	ZSHELTA-INT

Drivers

description	code	kit
Short driver (hex 2.30 mm)	**BC-EX230** 	ZSHELTA-INT
Long driver (hex 2.30 mm)	**BL-EX230** 	ZSHELTA-INT

Surgical screwdrivers

description	code	kit
Screwdriver for surgical cover screw and fixation screws, digital, extra-short	**HSMXS-20-DG** 	ZSHELTA-INT ZSCREW-INT
Screwdriver for surgical cover screw and fixation screws, digital, short	**HSM-20-DG** 	ZSHELTA-INT ZSCREW-INT
Screwdriver for surgical cover screw and fixation screws, digital, long	**HSML-20-DG** 	ZSHELTA-INT ZSCREW-INT

Torque-control ratchet

description	code	kit
Kit composed of a torque-control ratchet, which can be used in dynamometric or fixed mode, and accessories for quick torque adjustment and periodic maintenance. The ratchet has torque limits from 10 to 70 Ncm, with adjustment lines at 10-20-25-30-35-50-70 Ncm	**CRI5-KIT** 	ZSHELTA-INT ZSCREW-INT ZPA001E01

Prosthetic Accessories Kit

description	code
The Prosthetic Accessories Kit includes the torque-control ratchet, the long digital screwdriver with the connection for torque-control ratchet and the related hand knob. This kit is very useful for the prosthetic rehabilitation phase	**ZPA001E01** 

Prosthetic screwdrivers

description	code	kit
Screwdriver for fixation screws, with hexagonal connector for torque-control ratchet or hand knob, short	**HSM-20-EX** 	ZSHELTA-INT ZSCREW-INT
Screwdriver for fixation screws, with hexagonal connector for torque-control ratchet or hand knob, long	**HSML-20-EX** 	ZSHELTA-INT ZSCREW-INT ZPA001E01
Screwdriver for fixation screws, with hexagonal connector for torque-control ratchet or hand knob, extra-long	**HSMXL-20-EX** 	ZSCREW-INT
Screwdriver for fixation screws, with right angle shank	**HSM-20-CA** 	ZSHELTA-INT ZSCREW-INT
Screwdriver for ball attachments, with hexagonal connector for torque-control ratchet	**BASCC-EX** 	ZSCREW-INT
Screwdriver for straight P.A.D. abutments, with hexagonal connector for torque-control ratchet	**AVV2-ABUT** 	ZSCREW-INT
Driver for inserting Locator abutment, with hexagonal connector for torque-control ratchet, short	**8926-SW** 	ZSCREW-INT
Driver for inserting Locator abutment, with hexagonal connector for torque-control ratchet, long	**8927-SW** 	ZSCREW-INT
Instrument for assembly and maintaining the titanium cap for CAP-TIT-1 ball attachments	**AVV-CAP-TIT-1** 	ZSCREW-INT

Extensions and adapters

description	code	kit
Extension for bone taps, mounters, drivers and manual drivers, with hexagonal connector for torque-control ratchet	**BPM-15** 	ZSHELTA-INT ZSCREW-INT
Extension for surgical drills	**PROF-CAL3** 	ZSHELTA-INT ZSCREW-INT
Mechanical adapter with right angle shank for instruments with hexagonal connector	**B-AVV-CA3** 	ZSCREW-INT
Hand knob for instruments with hexagonal connection for torque-control ratchet	**AVV3-MAN-DG** 	ZSCREW-INT ZPA001E01
Knob for manual use of drivers, bone taps and drivers with contra-angle shank and with hexagonal connection for torque-control ratchet	**AVV-CA-DG-EX** 	ZSHELTA-INT
Carrier for transferring angled abutments into the oral cavity, sterilisable and reusable. It must be secured to the abutments with the screw PAD-VTRAL-140	**PAD-CAR** 	ZSCREW-INT

Spare O-rings

description	code	kit
Kit with 5 spare O-rings for all accessories with hexagonal connector for torque-control ratchet	**ORING180-088** 	-

X-ray templates

description	code	kit
X-ray template for Shelta and Shelta SL implants, real dimensions	**SH-L100** 	ZSHELTA-INT
X-ray template for Shelta and Shelta SL implants, dimensions increased by 20%	**SH-L120** 	ZSHELTA-INT
X-ray template for Shelta and Shelta SL implants, dimensions increased by 30%	**SH-L130** 	ZSHELTA-INT

Bone profilers

The bone profilers are very useful for levelling a very irregular bone crest at the coronal level, especially in the subsequent use of P.A.D. abutments.

description	code
Bone profiler with narrow flaring	**A-PAD-PS380-S** 
Bone profiler with wide flaring	**A-PAD-PS380-L** 

The bone profilers are not included in any kit. They are to be ordered separately.

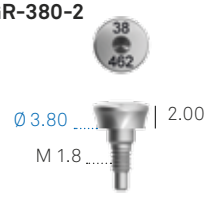
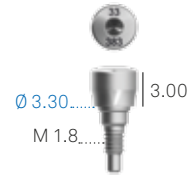
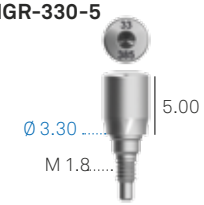
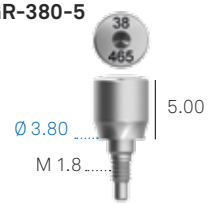
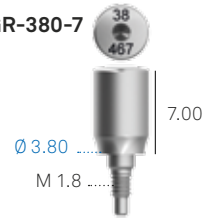
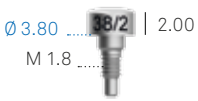
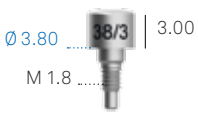
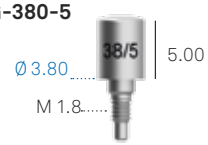
Healing abutments

The healing abutments in Gr. 5 titanium are identified by a laser-marking that reports the diameter, emergence profile and height. In case of healing abutments with straight emergence profile, the marking only reports the platform diameter and height.
The healing abutments must be tightened at a torque of 10 Ncm, using the HSM series of drivers, the full details and codes of which can be found on 30-31.

The laser marking, shows the connection diameter (in the example 38 = 3.80 mm), the maximum crown size (in the example 46 = 4.60 mm) and the transgingival height (in the example 5 = 5.00 mm).

Guiding cylinder: facilitates centring when inserting the implant.

The laser marking, allows immediate recognition of the connection diameter (in the example 33 = 3.30 mm) and of the transgingival height (in the example 2 = 2.00 mm).

prosthetic component diameter	Ø 3.30 mm	Ø 3.80 mm
Healing abutments Anatomical emergence profile Transgingival height 2.00 mm	**A-TMGR-330-2** 	**A-TMGR-380-2** 
Healing abutments Anatomical emergence profile Transgingival height 3.00 mm	**A-TMGR-330-3** 	**A-TMGR-380-3** 
Healing abutments Anatomical emergence profile Transgingival height 5.00 mm	**A-TMGR-330-5** 	**A-TMGR-380-5** 
Healing abutments Anatomical emergence profile Transgingival height 7.00 mm	-	**A-TMGR-380-7** 
Healing abutments Straight emergence profile Transgingival height 2.00 mm	**A-TMG-330-2** 	**A-TMG-380-2** 
Healing abutments Straight emergence profile Transgingival height 3.00 mm	**A-TMG-330-3** 	**A-TMG-380-3** 
Healing abutments Straight emergence profile Transgingival height 5.00 mm	**A-TMG-330-5** 	**A-TMG-380-5** 

Important warning
The Ø 3.30 mm prosthetic components allow prosthetic Platform Switching with Ø 3.80 mm implants. It is recommended to use these posts exclusively for single crowns in front sectors (excluding premolars), and only as a support for multiple prostheses in distal sectors.
The Ø 3.80 mm prosthetic components are compatible with Ø 3.80 mm, Ø 4.25 mm and Ø 5.00 mm implants. They do not allow prosthetic Platform Switching on Ø 3.80 mm implants; they allow prosthetic Platform Switching on Ø 4.25 mm and Ø 5.00 mm implants.

Recommended torque for healing abutments: 8-10 Ncm.

Impression and model phase

The open tray and closed tray transfers are made of Gr. 5 titanium, anodised according to the colour code of the reference platform, facilitating the identification of any different diameters that may be used. The pull-up transfer is made of radiopaque PEEK to allow verification of the correct insertion in the implant platform.

Closed tray transfer: for taking impressions with the closed tray technique, the repositioning face allows the transfer to be put back in the impression material so as to reproduce the orientation of the connection precisely.

Open tray transfer: the retentive design provides a steady grip inside the impression.

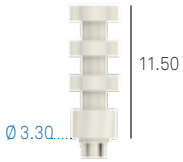
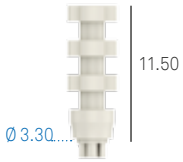
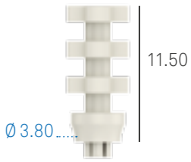
Analog: anodised according to the colour code, like the transfers, to identify the different prosthetic platforms.

Pull-up transfer: the connection with tabs clicks into the implant connecting hexagon, without requiring a screw.

Analogs

prosthetic component diameter	Ø 3.30 mm	Ø 3.80 mm
Analogs	-	**A-ANA-380** 

Pull-up transfers

prosthetic component diameter	Ø 3.30 mm	Ø 3.80 mm
Pull-up transfers in radiopaque PEEK Straight emergence profile	**A-TRAP-330** 	-
Pull-up transfers in radiopaque PEEK Anatomical emergence profile	**A-TRARP-330** 	**A-TRARP-380** 

Important warning
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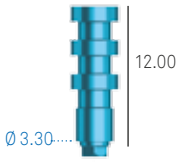
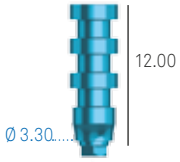
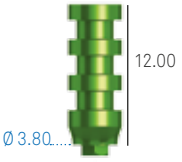
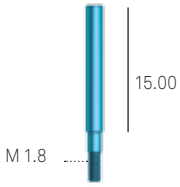
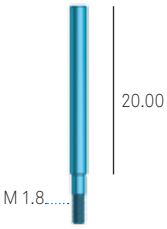
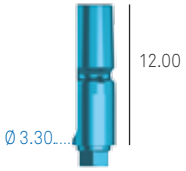
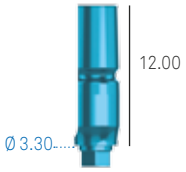
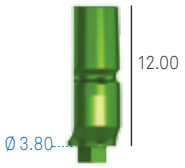
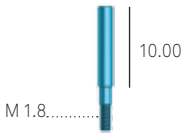
Open tray transfers

prosthetic component diameter	Ø 3.30 mm	Ø 3.80 mm
Open tray transfers Straight emergence profile Fixation screw included	**A-TRA-330** 	**A-TRA-380** 
Open tray transfers Anatomical emergence profile Fixation screw included	**A-TRAR-330** 	**A-TRAR-380** 
Single pack Fixation screws for open tray transfers Supplied with the transfers, it can also be ordered separately as a spare	**VTRA2-180-15** 	Use VTRA2-180-15
Single pack Fixation screws for open tray transfer, length 20.00, to be ordered separately as a spare	**VTRA2-180-20** 	Use VTRA2-180-20

Recommended torque for transfer screws: 8-10 Ncm.

Closed tray transfers

prosthetic component diameter	Ø 3.30 mm	Ø 3.80 mm
Closed tray transfers Straight emergence profile Fixation screw included	**A-TRAS-330** 	-
Closed tray transfers Anatomical emergence profile Fixation screw included	**A-TRARS-330** 	**A-TRARS-380** 
Single pack Fixation screws for closed tray transfers Supplied with the transfers, it can also be ordered separately as a spare	**VTRA2-180-10** 	Use VTRA2-180-10

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The Ø 3.30 mm prosthetic components allow prosthetic Platform Switching with Ø 3.80 mm implants. It is recommended to use these posts exclusively for single crowns in front sectors (excluding premolars), and only as a support for multiple prostheses in distal sectors.
The Ø 3.80 mm prosthetic components are compatible with Ø 3.80 mm, Ø 4.25 mm and Ø 5.00 mm implants. They do not allow prosthetic Platform Switching on Ø 3.80 mm implants; they allow prosthetic Platform Switching on Ø 4.25 mm and Ø 5.00 mm implants.

Recommended torque for transfer screws: 8-10 Ncm.

SIMPLE temporary posts

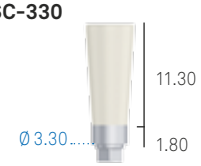
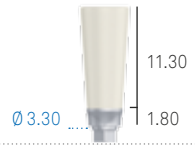
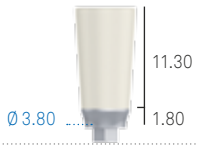
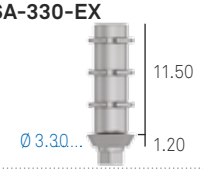
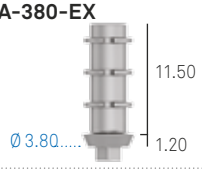
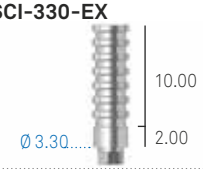
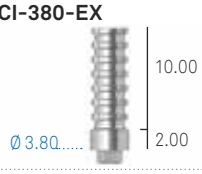
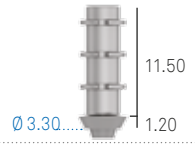
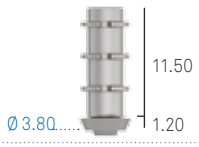
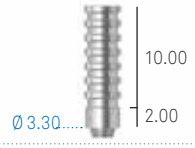
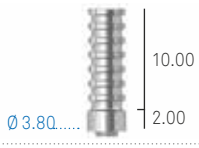
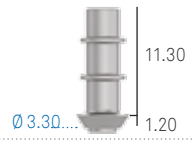
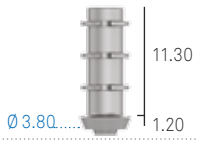
The SIMPLE prosthetic protocol calls for creating temporary posts. They are made in Gr. 5 titanium or in PEEK with titanium base, and they are avaiable in repositionable or non-repositionable version.

PEEK posts with titanium base: for cemented-retained single crowns.

Aesthetic temporary posts without repositioning hexagon and with narrow transgingival profile for multiple temporary structures screwed directly onto the implants.

Temporary posts with hexagon for making simple screwed temporary posts.

The **hexagon** which provides the non-rotational aspect makes this post perfect for making single screwed temporary posts.

prosthetic component diameter	Ø 3.30 mm	Ø 3.80 mm
SIMPLE temporary posts in PEEK with a Gr. 5 titanium base Repositionable Straight emergence profile Fixation screw included	**A-MPSC-330** 	-
SIMPLE temporary posts in PEEK with a Gr. 5 titanium base Repositionable Anatomical emergence profile Fixation screw included	**A-MPSCR-330** 	**A-MPSCR-380** 
SIMPLE temporary posts in Gr. 5 titanium Repositionable Anatomical emergence profile Fixation screw included	**A-MPSA-330-EX** 	**A-MPSA-380-EX** 
SIMPLE temporary posts in Gr. 5 titanium Repositionable Straight emergence profile	**A-MPSCI-330-EX** 	**A-MPSCI-380-EX** 
SIMPLE temporary aesthetic posts in Gr. 5 titanium Non-repositionable Wide emergence profile Fixation screw included	**A-MPSA-330** 	**A-MPSA-380** 
SIMPLE temporary posts in Gr. 5 titanium Non-repositionable Straight emergence profile	**A-MPSCI-330** 	**A-MPSCI-380** 
SIMPLE temporary aesthetic posts in Gr. 5 titanium Non-repositionable Wide emergence profile Fixation screw included	**A-MPS-330** 	**A-MPS-380** 
Single pack Pack of 10 pieces Fixation screw for posts Supplied with the temporary posts, it can also be ordered separately as a spare	**VM2-180** **VM2-180-10** 	Use VM2-180

Important warning
The Ø 3.30 mm prosthetic components allow prosthetic Platform Switching with Ø 3.80 mm implants. It is recommended to use these posts exclusively for single crowns in front sectors (excluding premolars), and only as a support for multiple prostheses in distal sectors.
The Ø 3.80 mm prosthetic components are compatible with Ø 3.80 mm, Ø 4.25 mm and Ø 5.00 mm implants. They do not allow prosthetic Platform Switching on Ø 3.80 mm implants; they allow prosthetic Platform Switching on Ø 4.25 mm and Ø 5.00 mm implants.

Recommended torque for fixation screws: 20-25 Ncm.

Pre-made posts

Made in Gr. 5 titanium, their colour is obtained through an oxidation process and, therefore, there is no type of coating, so it ensures the use of a highly biocompatible surface. The direct screw-retained posts have a well on the head into which is inserted the standard screwdriver of the system for inserting the posts (family HSM see pages 30-31 for the codes).

Angled posts: with a passing screw they offer 15° or 25° angles.

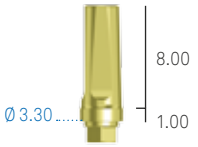
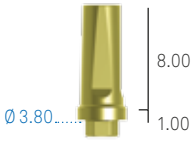
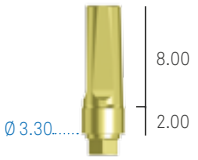
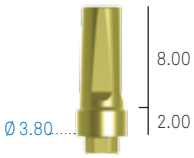
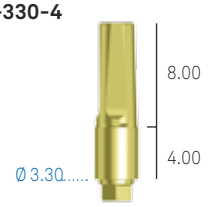
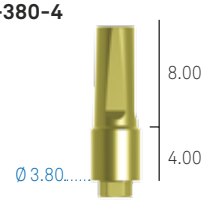
Colour: Their colour is suitable for prosthetic rehabilitations of particular aesthetic importance.

Solid one-piece abutment: they are useful for cementing multiple prostheses on parallel implants.

Hexagon: allows repositioning and the non-rotational aspect; this type of post is therefore indicated for making single structures.

prosthetic component diameter	Ø 3.30 mm	Ø 3.80 mm
Solid one-piece abutments Non-repositionable	**A-MDAD-330** 	**A-MDAD-380** 

Recommended torque: 25-30 Ncm.

prosthetic component diameter	Ø 3.30 mm	Ø 3.80 mm
Pre-made straight posts Repositionable Straight emergence profile Transgingival height 1.00 mm Fixation screw included	**A-MD-330-1** 	**A-MD-380-1** 
Pre-made straight posts Repositionable Straight emergence profile Transgingival height 2.00 mm Fixation screw included	**A-MD-330-2** 	**A-MD-380-2** 
Pre-made straight posts Repositionable Straight emergence profile Transgingival height 4.00 mm Fixation screw included	**A-MD-330-4** 	**A-MD-380-4** 
Single pack Pack of 10 pieces Fixation screw for posts Supplied with the posts, it can also be ordered separately as a spare	**VM2-180** **VM2-180-10** 	Use VM2-180

Important warning
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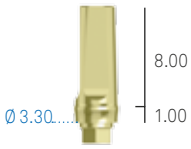
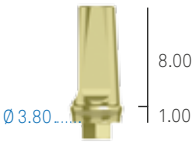
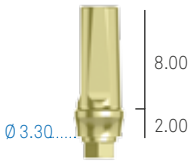
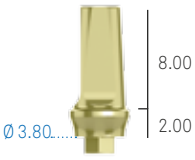
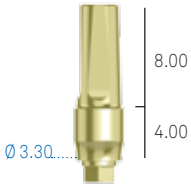
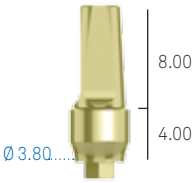
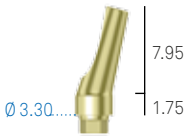
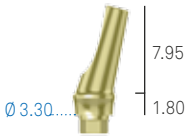
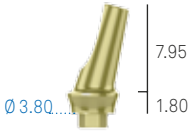
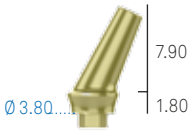
Recommended torque for fixation screws: 20-25 Ncm.

prosthetic component diameter	Ø 3.30 mm	Ø 3.80 mm
Pre-made straight posts Repositionable Anatomical emergence profile Transgingival height 1.00 mm Fixation screw included	**A-MDR-330-1** 	**A-MDR-380-1** 
Pre-made straight posts Repositionable Anatomical emergence profile Transgingival height 2.00 mm Fixation screw included	**A-MDR-330-2** 	**A-MDR-380-2** 
Pre-made straight posts Repositionable Anatomical emergence profile Transgingival height 4.00 mm Fixation screw included	**A-MDR-330-4** 	**A-MDR-380-4** 
Single pack Pack of 10 pieces Fixation screw for posts Supplied with the posts, it can also be ordered separately as a spare	**VM2-180** **VM2-180-10** 	Use VM2-180

Recommended torque for fixation screws: 20-25 Ncm.

prosthetic component diameter	Ø 3.30 mm	Ø 3.80 mm
Pre-made posts angled at 15° Repositionable Straight emergence profile Transgingival height 1.75 mm Fixation screw included	**A-MA15-330** 	-
Pre-made posts angled at 15° Repositionable Anatomical emergence profile Transgingival height 1.80 mm Fixation screw included	**A-MAR15-330** 	**A-MAR15-380** 
Pre-made posts angled at 25° Repositionable Anatomical emergence profile Transgingival height 1.80 mm Fixation screw included	-	**A-MAR25-380** 
Single pack Pack of 10 pieces Fixation screw for posts Supplied with the posts, it can also be ordered separately as a spare	**VM2-180** **VM2-180-10** 	Use VM2-180

Important warning
The Ø 3.30 mm prosthetic components allow prosthetic Platform Switching with Ø 3.80 mm implants. It is recommended to use these posts exclusively for single crowns in front sectors (excluding premolars), and only as a support for multiple prostheses in distal sectors.
The Ø 3.80 mm prosthetic components are compatible with Ø 3.80 mm, Ø 4.25 mm and Ø 5.00 mm implants. They do not allow prosthetic Platform Switching on Ø 3.80 mm implants; they allow prosthetic Platform Switching on Ø 4.25 mm and Ø 5.00 mm implants.

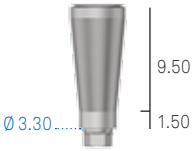
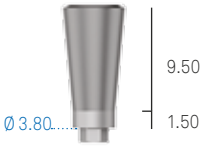
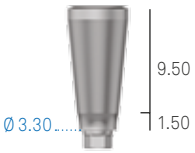
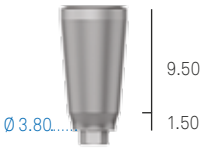
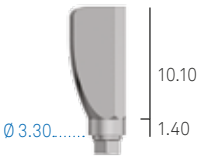
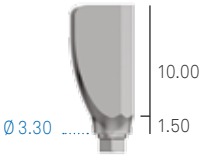
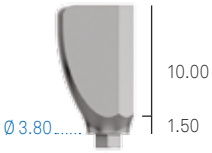
Recommended torque for fixation screws: 20-25 Ncm.

Standard millable posts

They are made of Gr. 5 titanium and are able to respond to complex anatomical requirements in terms of both narrow prosthetic spaces and parallel implants.

Pre-cut posts allow very pronounced angles to be reached, up to 25°, limiting the time needed to reduce them by milling.

Straight millable posts, with their profile in the shape of an inverted cone, are suitable for angles of up to 10° and small profiles.

prosthetic component diameter	Ø 3.30 mm	Ø 3.80 mm
Straight millable posts Repositionable Straight emergence profile Fixation screw included	**A-MF-330** 	**A-MF-380** 
Straight millable posts Repositionable Anatomical emergence profile Fixation screw included	**A-MFR-330** 	**A-MFR-380** 
Pre-cut millable posts Repositionable Straight emergence profile Fixation screw included	**A-MFP-330** 	-
Pre-cut millable posts Repositionable Anatomical emergence profile Fixation screw included	**A-MFPR-330** 	**A-MFPR-380** 
Single pack Pack of 10 pieces Fixation screw for posts Supplied with the temporary posts, it can also be ordered separately as a spare	**VM2-180** **VM2-180-10** 	Use VM2-180

Important warning
The Ø 3.30 mm prosthetic components allow prosthetic Platform Switching with Ø 3.80 mm implants. It is recommended to use these posts exclusively for single crowns in front sectors (excluding premolars), and only as a support for multiple prostheses in distal sectors.
The Ø 3.80 mm prosthetic components are compatible with Ø 3.80 mm, Ø 4.25 mm and Ø 5.00 mm implants. They do not allow prosthetic Platform Switching on Ø 3.80 mm implants; they allow prosthetic Platform Switching on Ø 4.25 mm and Ø 5.00 mm implants.

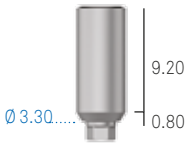
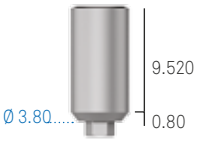
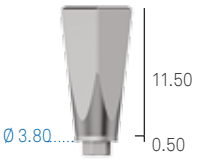
Recommended torque for fixation screws: 20-25 Ncm.

Millable posts

The SIMPLE technique allows perfect conditioning of the mucosa starting with temporary posts (see pages 40-41) and uses a millable post with large dimensions for making a primarily custom-built final prosthesis.
Alternatively the Interceptive Technique uses posts characterised by two wide faces, which guarantee unequivocal repositioning on a model developed from an impression taken directly on the posts.

The **millable posts** for the Interceptive technique have an emergence profile that simplifies the taking of the impression with closed tray technique, while the two wide faces guarantee unequivocal repositioning.

SIMPLE millable posts have a very wide emergence profile which can be adapted to any anatomy which was obtained with SIMPLE temporary aesthetic posts in the immediate conditioning phase.

prosthetic component diameter	Ø 3.30 mm	Ø 3.80 mm
Millable posts for SIMPLE tecnique Repositionable Wide emergence profile Fixation screw included	**A-MFS-330** 	**A-MFS-380** 
Millable posts for interceptive technique Repositionable Fixation screw included	-	**A-MFTI-380** 
Single pack Pack of 10 pieces Fixation screw for posts Supplied with the posts, it can also be ordered separately as a spare	**VM2-180** **VM2-180-10** 	Use VM2-180

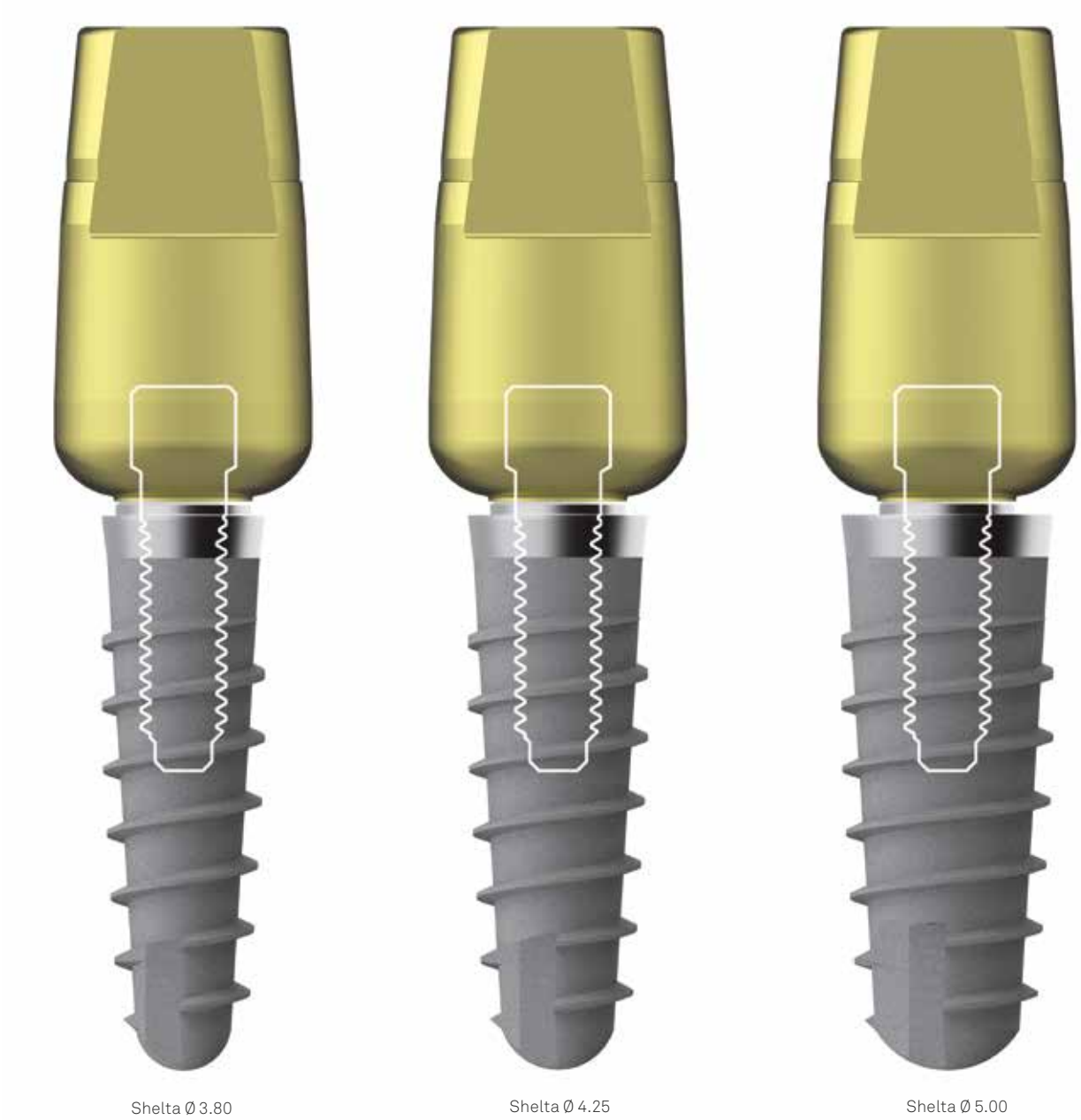
Important warning
The Ø 3.30 mm prosthetic components allow prosthetic Platform Switching with Ø 3.80 mm implants. It is recommended to use these posts exclusively for single crowns in front sectors (excluding premolars), and only as a support for multiple prostheses in distal sectors.
The Ø 3.80 mm prosthetic components are compatible with Ø 3.80 mm, Ø 4.25 mm and Ø 5.00 mm implants. They do not allow prosthetic Platform Switching on Ø 3.80 mm implants; they allow prosthetic Platform Switching on Ø 4.25 mm and Ø 5.00 mm implants.

Recommended torque for fixation screws: 20-25 Ncm.

B.O.P.T. prosthesis

According to the principles of the B.O.P.T. technique (Biologically Oriented Preparation Technique) a simplified line has been developed that allows you to have only one post for all diameters of the Shelta line. This is possible thanks to the particular design of the connection, different from the classic connection, which allows it to rest safetly on the platform of the centring collar.

The same B.O.P.T. millable post **A-MEFL-330** with a 2.30 mm hexagon is used on all diameters of Shelta implants, that is 3.80, 4.25 and 5.00 mm.



Shelta Ø 3.80

Shelta Ø 4.25

Shelta Ø 5.00

for implants	Ø 3.80, 4.25, 5.00 mm
B.O.P.T. healing abutment	**A-TMG-MEFL-330** 
B.O.P.T. millable post in titanium Fixation screw included	**A-MEFL-330** 
Pack of 5 pieces B.O.P.T. cap for taking the impression	**CAP-MEFL-5** 
Single pack Pack of 10 pieces Fixation screws for B.O.P.T. posts Supplied with the posts, it can also be ordered separately as a spare	**VM2-180** **VM2-180-10** 

Important warning
The B.O.P.T. prosthetic components are unique for all implants diameters, hex is 2.30 mm, the abutment rests on the external collar of the connection platform.

Recommended torque for fixation screws: 20-25 Ncm.

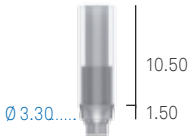
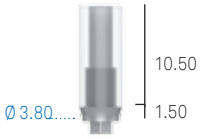
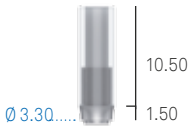
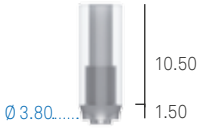
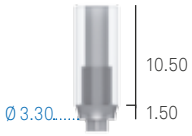
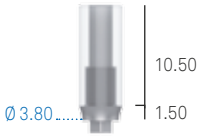
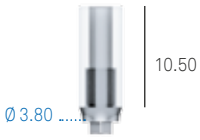
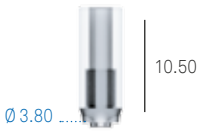
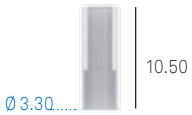
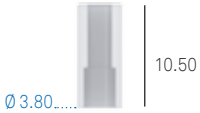
Castable posts with base in alloy, titanium and cobalt chrome

Castable posts with an alloy base combine the simplicity of castable solutions with a base of gold alloy, cobalt chrome or titanium, biocompatible materials. The melting point of the above-mentioned alloys is such as to preserve the base against dimensional alterations at the time of overcasting the castable part.

The repositionable version is suitable for creating single elements.

The non-repositionable version presents a cylinder which helps the simple insertion of multiple structures.

The bases are available in gold alloy, Gr. 5 titanium and cobalt chrome.

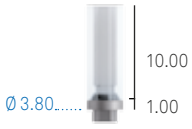
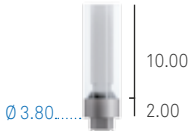
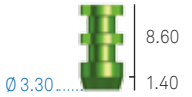
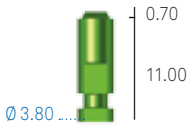
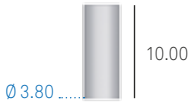
prosthetic component diameter	Ø 3.30 mm	Ø 3.80 mm
Castable posts with a pre-made base in gold alloy Repositionable Anatomical emergence profile Fixation screw included	**A-UCR-330-EX** 	**A-UCR-380-EX** 
Castable posts with a pre-made base in gold alloy Non-repositionable Anatomical emergence profile Fixation screw included	**A-UCR-330** 	**A-UCR-380** 
Castable posts with pre-made base in titanium Repositionable Anatomical emergence profile Fixation screw included	**A-UCTR-330-EX** 	**A-UCTR-380-EX** 
Castable posts with pre-made base in cobalt chrome Repositionable Anatomical emergence profile Fixation screw included	**A-UCRCO-330-EX** 	**A-UCRCO-380-EX** 
Castable posts with pre-made base in cobalt chrome Non-repositionable Anatomical emergence profile Fixation screw included	**A-UCRCO-330** 	**A-UCRCO-380** 
Spare castable sleeves for castable posts with alloy base Without fixation screw	**A-CCUCR-330** 	**A-CCUCR-380** 
Single pack Pack of 10 pieces Fixation screw for posts Supplied with the posts, it can also be ordered separately as a spare	**VM2-180** **VM2-180-10** 	Use VM2-180

Important warning
The Ø 3.30 mm prosthetic components allow prosthetic Platform Switching with Ø 3.80 mm implants. It is recommended to use these posts exclusively for single crowns in front sectors (excluding premolars), and only as a support for multiple prostheses in distal sectors.
The Ø 3.80 mm prosthetic components are compatible with Ø 3.80 mm, Ø 4.25 mm and Ø 5.00 mm implants. They do not allow prosthetic Platform Switching on Ø 3.80 mm implants; they allow prosthetic Platform Switching on Ø 4.25 mm and Ø 5.00 mm implants.

Recommended torque for fixation screws: 20-25 Ncm.

Prosthesis on intermediate abutments

These abutments have a straight emergence profile and are made up of a repositionable Gr. 5 titanium base, characterised by a small upper cone with a height of 0.70 mm, the same for all the connection diameters, which allows insertion and removal of multiple over-structures. The abutment is supplied with a castable sleeve for modelling and casting the over-structure and with the passing screw.
Normally, when these abutments are used, the impression is taken directly on the implants using the transfers. When the titanium base of the abutments is used to make a temporary post, the impression is transferred to the laboratory with the use of the special transfers and the castable sleeve is sent to the laboratory with the relative fixation screw.
A titanium sleeve is normally used to create the temporary prosthesis, which is supplied complete with the relative fixation screw.

description	code
Straight abutments with fixation screw Repositionable Transgingival height 1.00 mm Fixation screw included	**A-ABU-380-1** 
Straight abutments with fixation screw Repositionable Transgingival height 2.00 mm Fixation screw included	**A-ABU-380-2** 
Fixation screw for abutments Supplied with the abutments, it can also be ordered separately as a spare	**A-VABU-180** 
Open tray transfer for non repositionable standard abutments Fixation screw included	**A-TRABU-380** 
Single pack Spare screw for abutment transfers Supplied with the transfers, it can also be ordered separately as a spare	**A-VTRABU-180** 
Analog for non repositionable standard abutments Fixation screw included	**A-ANABU-380** 
Single pack Sleeves in titanium for abutments Fixation screw included	**A-CTABU-380-ROT** 
Single pack Spare castable sleeves for abutments Fixation screw not included	**A-CCABU-380-ROT** 

Important warning
The Ø 3.80 mm prosthetic components are compatible with Ø 3.80 mm, Ø 4.25 mm and Ø 5.00 mm implants. They do not allow prosthetic Platform Switching on Ø 3.80 mm implants; they allow prosthetic Platform Switching on Ø 4.25 mm and Ø 5.00 mm implants.

Recommended torque for fixation screws: 20-25 Ncm.
Recommended torque for transfer screws: 8-10 Ncm.

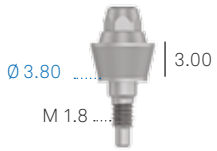
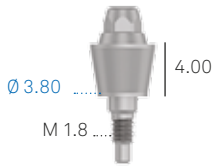
P.A.D. (Disparallel Screwed Prosthesis)

The P.A.D. components (Disparallel Screwed Prosthesis) was designed to facilitate the production of multiple screwed prostheses.
The P.A.D. angled abutments are the solutions for implants positioned in distal saddles.

P.A.D. abutments: these all have the same upper cone, angled at 15°, which facilitates the manoeuvres of inserting and removing multiple screwed prostheses.

The upper cone allows further repositioning of the prosthetic structure by 15° on each side, which in the case of angled P.A.D. abutments are added to the angle of 17° or 30°. This characteristic allows easy management of disparallelism of up to 45° on each side.

Straight P.A.D.

prosthetic component diameter	Ø 3.80 mm
Straight P.A.D. abutments Direct screw-retained Transgingival height 1.50 mm	**A-PAD-AD380-15** 
Straight P.A.D. abutments Direct screw-retained Transgingival height 3.00 mm	**A-PAD-AD380-30** 
Straight P.A.D. abutments Direct screw-retained Transgingival height 4.00 mm	**A-PAD-AD380-40** 

Please note: to transfer straight abutments into the oral cavity each package contains a practical plastic carrier (code AVV-ABUT-DG, not available separately).

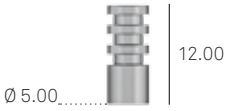
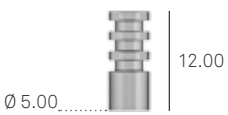
Recommended torque: 25-30 Ncm.

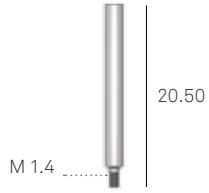
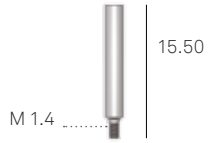
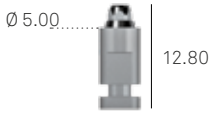
Angled P.A.D.

prosthetic component diameter	Ø 3.80 mm
P.A.D. abutment angled at 17° Transgingival height 3.00 mm Fixation screw included	**A-PAD-AA380-173** 
P.A.D. abutment angled at 17° Transgingival height 5.00 mm Fixation screw included	**A-PAD-AA380-175** 
P.A.D. abutment angled at 30° Transgingival height 3.00 mm Fixation screw included	**A-PAD-AA380-303** 
P.A.D. abutment angled at 30° Transgingival height 5.00 mm Fixation screw included	**A-PAD-AA380-305** 
Single pack Pack of 10 pieces Fixation screw for P.A.D. abutments Supplied with the P.A.D. abutments, it can also be ordered separately as a spare	**PAD-VM-180** **PAD-VM-180-10** 

Important warning
The Ø 3.80 mm prosthetic components are compatible with Ø 3.80 mm, Ø 4.25 mm and Ø 5.00 mm implants. They do not allow prosthetic Platform Switching on Ø 3.80 mm implants; they allow prosthetic Platform Switching on Ø 4.25 mm and Ø 5.00 mm implants.

Recommended torque: 25-30 Ncm.

description	code
Protection caps for P.A.D. abutments in Gr. 5 titanium, to be used if the abutments remain screwed to the implant during the lab phase. Fixation screw included (code PAD-VP-140), available also as a spare, to be tightened at 8-10 Ncm	**PAD-CG** 
Single pack Pack of 10 pieces Spare screw for P.A.D. abutment prosthetic components. Supplied with all the components for making the over-structure and also available as a spare	**PAD-VP-140** **PAD-VP-140-10** 
Protection caps for P.A.D. abutments in PEEK, to be used if the abutments remain screwed to the implant during the lab phase. Recommended torque: 8-10 Ncm	**PAD-CGP** 
Rotating caps in POM for direct impression taking on P.A.D. abutments	**PAD-CAP** 
Non-rotating caps in POM for direct impression taking on P.A.D. abutments, with hexagon	**PAD-CAP-EX** 
Open tray transfer in Gr. 5 titanium for P.A.D. abutments, rotating. Long transfer screw included (code PAD-VTRAL-140), suitable for open impression tray and available also as a spare	**PAD-TRA** 
Open tray transfer in Gr. 5 titanium for P.A.D. abutments, with hexagon, non-rotating Long transfer screw included (code PAD-VTRAL-140), suitable for open impression tray and available also as a spare	**PAD-TRA-EX** 

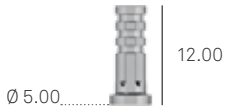
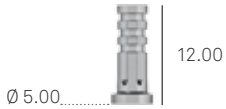
description	code
Spare long screw for P.A.D. abutment transfer Supplied with the transfers, it can be ordered separately as a spare	**PAD-VTRAL-140** 
Spare screw for P.A.D. abutment transfer Supplied with the transfers, it can be ordered separately as a spare	**PAD-VTRA-140** 
Analog for P.A.D. abutment in Gr. 5 titanium	**PAD-ANA** 
Castable sleeves in PMMA for P.A.D. abutments, rotating. Fixation screw included Attention: The recommended tightening torque for all the over-structures obtained by casting to the abutments is 20-25 Ncm. However, before casting, care must be taken in the laboratory to ensure that the castable sleeves are not fastened to the models with a torque exceeding 8-10 Ncm, because polymers are not as resistant as metal	**PAD-CC** 
Castable sleeves in PMMA for P.A.D. abutments, with hexagon, non-rotating. Fixation screw included Attention: The recommended tightening torque for all the over-structures obtained by casting to the abutments is 20-25 Ncm. However, before casting, care must be taken in the laboratory to ensure that the castable sleeves are not fastened to the models with a torque exceeding 8-10 Ncm, because polymers are not as resistant as metal	**PAD-CC-EX** 

Recommended torque for transfer screws: 8-10 Ncm.

description	code
PEEK sleeves for P.A.D. abutments, rotating. They are specifically for creating a temporary prosthesis or in cases when it is necessary to reline an old prosthesis to be used as a temporary one. Fixation screw included	**PAD-CP** 
PEEK sleeves for P.A.D. abutments, with hexagon, non-rotating. They are specifically for creating a temporary prosthesis or in cases when it is necessary to reline an old prosthesis for using as a temporary one. Fixation screw included, available also as a spare	**PAD-CP-EX** 
Castable posts in PMMA with a pre-made base in gold alloy, rotating, not repositionable, for overcasting on P.A.D. abutments. Fixation screw included, to be tightened at 20-25 Ncm. The head of the screw never rests on the PMMA, but always on the alloy base. The castable sleeve is also available as a spare (code A-CCUCR-330)	**PAD-UC** 
Castable posts in PMMA with a pre-made base in cobalt chrome, rotating, non-repositionable, for overcasting on P.A.D. abutments. Fixation screw included, to be tightened at 20-25 Ncm. The head of the screw never rests on the PMMA, but always on the alloy base. The castable sleeve is also available as a spare (code A-CCUCR-330)	**PAD-UCRCO** 
Single pack Pack of 10 pieces Spare screw for P.A.D. abutment prosthetic components. Supplied with all the components for making the over-structure and also available as a spare	**PAD-VP-140** **PAD-VP-140-10** 

Recommended torque for fixation screws: 20-25 Ncm.

P.A.D. components for the reline and the cemented technique

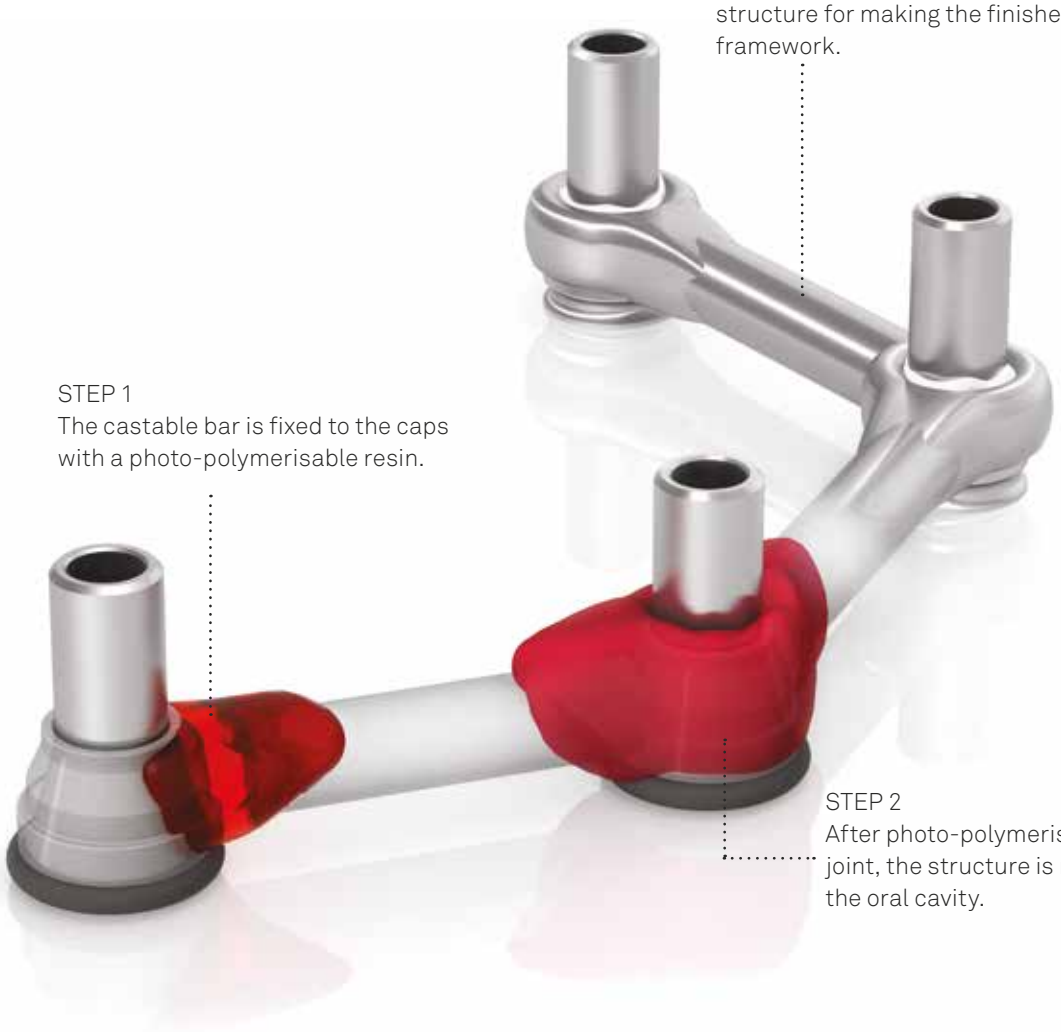
description	code
Sleeves in Gr. 5 titanium for P.A.D. abutments, rotating. They are specifically for an immediate and final restoration process or for relining an old prosthesis to be used as a temporary post. Fixation screw included (code PAD-VP-140), available also as a spare	**PAD-CT** 
Sleeves in Gr. 5 titanium for P.A.D. abutments, with hexagon, non-rotating. They are specifically for an immediate and final restoration process or for relining an old prosthesis to be used as a temporary post. Fixation screw included (code PAD-VP-140), available also as a spare	**PAD-CT-EX** 
Castable posts in PMMA for cementing on titanium sleeves Effective for restoration without residual tensions	**PAD-CCEM** 
Single pack Pack of 10 pieces Spare screw for P.A.D. abutment prosthetic components Supplied with all the components for making the over-structure and also available as a spare	**PAD-VP-140** **PAD-VP-140-10** 

Recommended torque for fixation screws: 20-25 Ncm.

P.A.D. prosthesis for “D.P.F.” technique (Direct Prosthetic Framework)

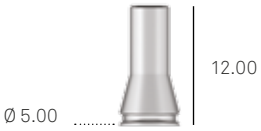
The D.P.F. components have been specially developed for creating a castable resin structure directly in the oral cavity that is absolutely passive, not restricted by connection geometries due to the taking of the impression and the development of the model.
The temporary structure created with this technique can also be used as a positioning stent for making the final prosthesis.

STEP 3
The assembled structure is cast in the laboratory, obtaining the metal structure for making the finished framework.



STEP 1
The castable bar is fixed to the caps with a photo-polymerisable resin.

STEP 2
After photo-polymerisation of the joint, the structure is removed from the oral cavity.

description	code
Set of all the prosthetic components for the “D.P.F.” technique on a single P.A.D. abutment. The set includes the titanium sleeve (PAD-CT-LV), the castable centring device (PAD-CC-LV), the anti-escape plug (PAD-TR-LV), the protective O-ring (PAD-ORING-LV) and the fixation screw (PAD-VP-140) to be tightened at 20-25 Ncm, available also as a spare	**PAD-LV** 
Spare titanium sleeve for the “D.P.F.” technique. The pack does not include the fixation screw	**PAD-CT-LV** 
Spare castable centring device for the “D.P.F.” technique	**PAD-CC-LV** 
Spare anti-escape plug for the “D.P.F.” technique	**PAD-TR-LV** 
Spare O-ring for the “D.P.F.” technique	**PAD-ORING-LV** 
Single pack Pack of 10 pieces Screw for P.A.D. abutment prosthetic components Supplied with all the components for making the framework and also available as a spare	**PAD-VP-140** **PAD-VP-140-10** 
Castable bar, length 5.00 cm, Ø 2.20 mm	**BARC**

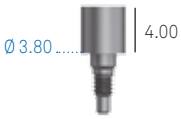
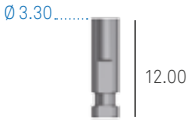
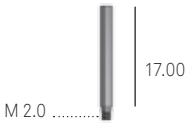
Recommended torque for fixation screws: 20-25 Ncm.

Prosthesis on PLAIN abutments

PLAIN abutments exploit the geometry of the upper part which, by means of a very small guide, is joined to normal castable sleeves.
The usefulness of these abutments is therefore that they allow centring and repositioning operations of structures screwed onto several implants.

The healing abutments allow optimum tissue conditioning thanks to an emergence profile that is flared at the crown. The healing caps do not have a passing screw but are inserted directly onto the abutment.

The PLAIN system also includes transfers and analogs in a single size, which allow the impression to be taken directly on the abutment. The open tray transfer has a long screw supplied with it.

prosthetic component diameter	Ø 3.80 mm
PLAIN abutment Direct screw-retained Transgingival height 2.00 mm	**A-PLAIN-ABU380-2** 
PLAIN abutment Direct screw-retained Transgingival height 3.00 mm	**A-PLAIN-ABU380-3** 
PLAIN abutment Direct screw-retained Transgingival height 4.00 mm	**A-PLAIN-ABU380-4** 
Healing abutment for PLAIN abutment	**A-PLAIN-CG380** 
Castable sleeve for PLAIN abutments Fixation screw included	**A-PLAIN-CC380** 
Single pack Pack of 10 pieces Fixation screw for castable sleeve for PLAIN abutments. Supplied with the sleeves, it can also be ordered separately as a spare	**A-PLAIN-VP200** **A-PLAIN-VP200-10** 
Analog for PLAIN abutment	**A-PLAIN-ANA** 
Transfer for PLAIN abutment Fixation screw included	**A-PLAIN-TRA** 
Spare screw for PLAIN transfer Supplied with the transfers for PLAIN abutments, it can also be ordered separately as a spare	**A-PLAIN-VTRA200** 

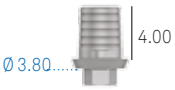
Important warning
The Ø 3.80 mm prosthetic components are compatible with Ø 3.80 mm, Ø 4.25 mm and Ø 5.00 mm implants. They do not allow prosthetic Platform Switching on Ø 3.80 mm implants; they allow prosthetic Platform Switching on Ø 4.25 mm and Ø 5.00 mm implants.

Please note: for transferring and tightening PLAIN abutments into the oral cavity, use the standard screwdrivers (code HSM-20-EX and HSML-20-EX for use with the torque-control ratchet) contained in the Shelta surgical kit.

Recommended torque for fixation screws: 20-25 Ncm.
Recommended torque for PLAIN abutments: 25-30 Ncm.
Recommended torque for transfer screws: 8-10 Ncm.

T-Connect

T-Connect supports can be used for making individualised posts in zirconium with open CAD CAM systems, with precision in the joint between the platforms that can be obtained with traditional components.

prosthetic component diameter	Ø 3.30 mm	Ø 3.80 mm
T-Connect supports in Gr. 5 titanium height 4.00 mm for custom-made posts in zirconium Repositionable Fixation screw included	**A-BASTZR-S-330-4** 	**A-BASTZR-S-380-4** 
Single pack Pack of 10 pieces Spare screws for T-Connect supports Supplied with the T-Connect supports, it can also be ordered separately as a spare	**VM2-180** **VM2-180-10** 	Use VM2-180

Important warning
The Ø 3.30 mm prosthetic components allow prosthetic Platform Switching with Ø 3.80 mm implants. It is recommended to use these posts exclusively for single crowns in front sectors (excluding premolars), and only as a support for multiple prostheses in distal sectors.
The Ø 3.80 mm prosthetic components are compatible with Ø 3.80 mm, Ø 4.25 mm and Ø 5.00 mm implants. They do not allow prosthetic Platform Switching on Ø 3.80 mm implants; they allow prosthetic Platform Switching on Ø 4.25 mm and Ø 5.00 mm implants.

Recommended torque for fixation screws: 20-25 Ncm.

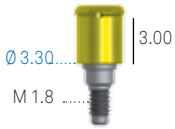
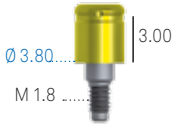
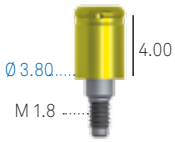
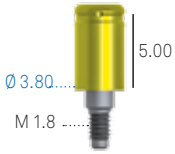
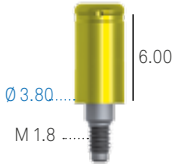
Locator abutment

Locator abutments* are a patented and versatile prosthetic solution for attaching overdentures to dental implants. The Locator system corrects misalignment of divergent implants up to 40° (20° for each implant) even in limited occlusal spaces. The abutments are made of Gr. 5 titanium and are available in different transgingival heights. Locator abutments use the special driver provided in the Screw kit and also available separately on request (code 8926-SW, short, and code 8927-SW, long).
See pages 72-73 for the list of accessories available.

The Locator system has a steel or titanium cap where the retainer lodges inside the prosthesis. When the retainer loses retentiveness, it can be replaced while the metal cap remains attached to the prosthesis.

The self-guiding design of the head of the Locator abutment allows easy insertion of the prosthesis.

* *Locator abutments are medical devices manufactured and patented by Zest Anchors, Inc., 2061 Wineridge Place, Escondido, CA 92029, USA. Locator is a registered trademark of Zest Anchors, Inc. The European Agent for the purposes of MDD 93/42/EEC is Ventura Implant and Attachment Systems, 69 The Avenue, Ealing, London W13 8JR, England.*

prosthetic component diameter	Ø 3.30 mm	Ø 3.80 mm
Locator Abutment Straight emergence profile Transgingival height 1.00 mm	**1670** 	**1675** 
Locator Abutment Straight emergence profile Transgingival height 2.00 mm	**1671** 	**1676** 
Locator Abutment Straight emergence profile Transgingival height 3.00 mm	**1672** 	**1677** 
Locator Abutment Straight emergence profile Transgingival height 4.00 mm	-	**1678** 
Locator Abutment Straight emergence profile Transgingival height 5.00 mm		**1679** 
Locator Abutment Straight emergence profile Transgingival height 6.00 mm		**1680** 

Important warning
The Ø 3.30 mm prosthetic components allow prosthetic Platform Switching with Ø 3.80 mm implants. It is recommended to use these posts exclusively for single crowns in front sectors (excluding premolars), and only as a support for multiple prostheses in distal sectors.
The Ø 3.80 mm prosthetic components are compatible with Ø 3.80 mm, Ø 4.25 mm and Ø 5.00 mm implants. They do not allow prosthetic Platform Switching on Ø 3.80 mm implants; they allow prosthetic Platform Switching on Ø 4.25 mm and Ø 5.00 mm implants.

Accessories for overdentures on Locator abutments

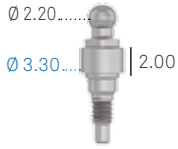
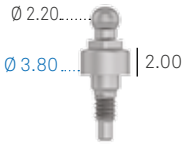
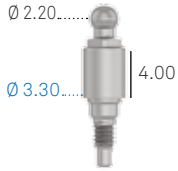
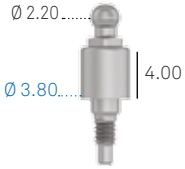
description	code
Kit containing 2 Gr. 5 titanium caps, 2 spacer rings in silicon rubber, 2 black processing polyethylene retainers (LDPE) with low retention capacity and 2 nylon retainers for each of the 4 different retention capacities	**8519-2** 
Kit containing 2 Gr. 5 titanium caps, 2 spacer rings in silicon rubber, 2 black processing polyethylene retainers (LDPE) with low retention capacity and 2 nylon retainers for each of the 4 different retention capacities, designed for severe disparallelism	**8540-2** 
Kit containing 2 steel caps, 2 spacer rings in silicon rubber, 2 black processing polyethylene retainers (LDPE) with low retention capacity and 2 nylon retainers for each of the 4 different retention capacities	**8550-2** 
Pack of 20 spacer rings in silicon rubber	**8514**
Pack of 4 black processing polyethylene retainers (LDPE) with low retention capacity	**8515** 
Pack of 4 transparent nylon retainers, retention 5 lb	**8524** 
Pack of 4 pink nylon retainers, retention 3 lb	**8527** 
Pack of 4 blue nylon retainers, retention 1.5 lb	**8529** 
Pack of 4 green nylon retainers, retention 4 lb	**8547** 
Pack of 4 red nylon retainers, retention 1 lb	**8548** 
Pack of 4 orange nylon retainers, retention 2 lb	**8915** 

description	code
Pack of 4 aluminium analogs for Locator abutments, one size for all platforms	**8530** 
Pack of 4 aluminium transfers for Locator abutments, one size for all platforms. 4 black polyethylene retainers (LDPE) with low retention included (code 8515), available also as a spare	**8505** 
Pack of 4 black nylon parallelism pins (LDPE) for Locator abutments	**8517** 
Steel plate AISI 316L for measuring angles	**9530** 
Locator Core Tool. Steel instrument composed of a handle, driver (8390) for inserting Locator abutments, tip (8397) for inserting the retainers in the caps and the retention jacket (8394) for the driver (8390) for transferring the Locator abutments into the oral cavity	**8393** 
Replacement of the steel tip for inserting the retainers into the caps	**8397** 
Replacement of the steel driver for abutment screwing/unscrewing	**8390** 
Replacement of the retention jacket for the driver (8390) for transferring the Locator abutments into the oral cavity	**8394** 
Short driver in Gr. 5 titanium for torquing the Locator abutments. The driver is compatible with the torque-control ratchet	**8926-SW** 
Long driver in Gr. 5 titanium for torquing the Locator abutments. The driver is compatible with the torque-control ratchet	**8927-SW** 

* *Locator abutments are medical devices manufactured and patented by Zest Anchors, Inc., 2061 Wineridge Place, Escondido, CA 92029, USA. Locator is a registered trademark of Zest Anchors, Inc. The European Agent for the purposes of MDD 93/42/EEC is Ventura Implant and Attachment Systems, 69 The Avenue, Ealing, London W13 8JR, England.*

Overdentures anchored with ball attachments

There is a small hexagon at the base of the ball for attaching the driver. This driver is compatible with the system's torque-control ratchet.
See pages 76-77 for the list of the available matrices and respective accessories.

prosthetic component diameter	Ø 3.30 mm	Ø 3.80 mm
Ball attachments Straight emergence profile Transgingival height 1.00 mm	**A-AS-330-1** 	**A-AS-380-1** 
Ball attachments Straight emergence profile Transgingival height 2.00 mm	**A-AS-330-2** 	**A-AS-380-2** 
Ball attachments Straight emergence profile Transgingival height 4.00 mm	**A-AS-330-4** 	**A-AS-380-4** 
Analog of the ball attachment	**ANAS** 	Use ANAS

description	code
Steel driver for ball attachments, with connector for torque-control ratchet or digital connector Not included in the surgical kit, included in the Screw Kit and can be ordered separately	**BASCC-EX** 

Important warning
The Ø 3.30 mm prosthetic components allow prosthetic Platform Switching with Ø 3.80 mm implants. It is recommended to use these posts exclusively for single crowns in front sectors (excluding premolars), and only as a support for multiple prostheses in distal sectors.
The Ø 3.80 mm prosthetic components are compatible with Ø 3.80 mm, Ø 4.25 mm and Ø 5.00 mm implants. They do not allow prosthetic Platform Switching on Ø 3.80 mm implants; they allow prosthetic Platform Switching on Ø 4.25 mm and Ø 5.00 mm implants.

Recommended torque: 25-30 Ncm.

Accessories for overdentures on ball attachments

Polyamide caps for ball attachments

description	code
Polyamide cap for ball attachments Ø 2.20 mm	**CAP-TFL-1** 
Steel container for polyamide cap with outer Ø 4.80 mm The total height is 3.20 mm	**CONT-CAP-TFL-1** 

Titanium caps for ball attachments

description	code
Gr. 5 titanium cap complete with cap in two parts, titanium retention spring, and plastic mounting ring for ball attachments Ø 2.20 mm. The total height is 3.20 mm	**CAP-TIT-1** 
Spare plastic ring for titanium cap height 2.20 mm	**AN-CAP-TIT-1** 
Spare retention spring for titanium caps, average hardness, steel, Ø 3.20 mm	**MOL1-CAP-TIT-1** 
Spare retention spring for titanium cap, soft, for progressive adaptation of the prosthesis, steel, Ø 3.20 mm	**MOL2-CAP-TIT-1** 
Instrument for assembly and maintaining the titanium cap for CAP-TIT-1 ball attachments	**AVV-CAP-TIT-1** 

Caps in gold alloy for ball attachments

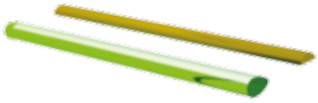
description	code
Cap in gold alloy, complete with plastic positioning ring for ball attachments Ø 2.20 mm. The total height is 3.10 mm, and the outside diameter is 3.50 mm	**CAP-1** 

O-ring retention devices for ball attachments

description	code
Pack of 6 pieces Metal container in the shape of a ring for rubber O-rings. For ball attachments Ø 2.20 mm. The total height is 1.50 mm, and the outside diameter is 4.50 mm	**99-440044*** 
Pack of 12 pieces Red ring in silicon for laboratory use, outside Ø 4.50 mm, height 1.50 mm	**99-443034*** 
Pack of 12 pieces White ring in natural rubber, soft, outside Ø 4.50 mm, height 1.50 mm	**99-443035*** 
Pack of 12 pieces Black ring in natural rubber, hard, outside Ø 4.50 mm, height 1.50 mm	**99-443036*** 

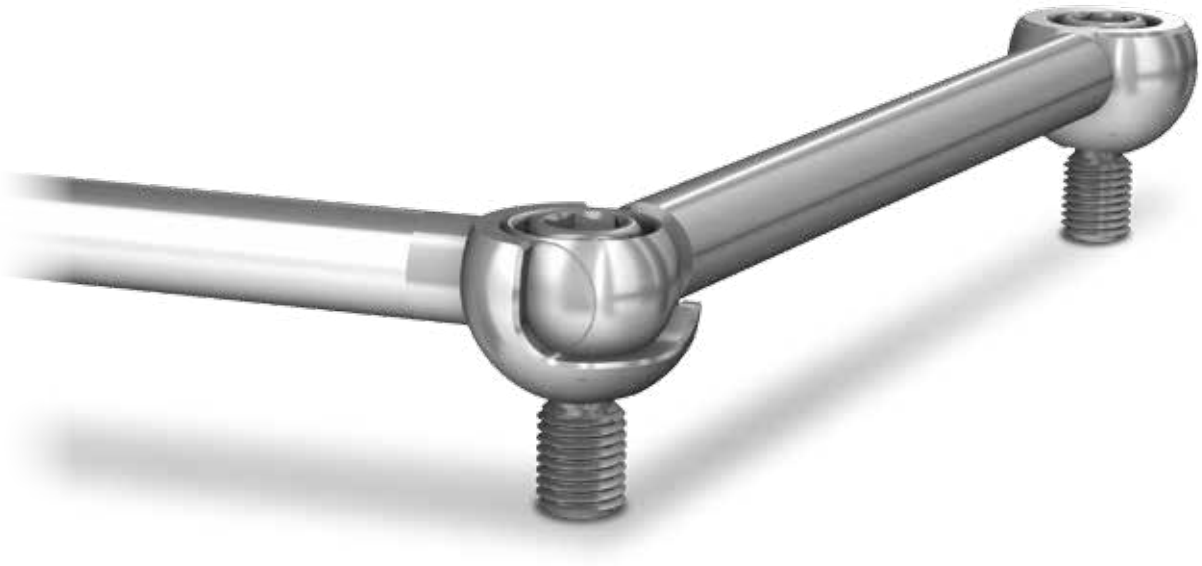
** The retention O-rings for ball attachments are manufactured by Implant Direct Sybron International, 3050 East Hillcrest Drive, Thousand Oaks, CA 91362 U.S.A.*
The European Agent for the purposes of MDD 93/42/EEC is Kerr Italia S.r.l., via Passanti 332, 84018 Scafati (SA) Italy.

Overdentures on bars

description	code
Castable bar, length 5.00 cm, height 3.00 mm, thickness 1.90 mm Ovoid-shaped profile with spacer	**BARC-CAV-TIT** 
Divisible bar attachment in titanium for oval bars with Ø 1.90 mm and height 3.00 mm	**CAV-TIT** 
Castable bar, length 5.00 cm, Ø 1.90 mm	**BARC**
Bar attachment in gold alloy, for round bars with Ø 1.90 mm	**CAV-375** 

SFI-Bar*

SFI-Bar can be processed either chair-side or in the laboratory. The bar prostheses made with the SFI-Bar can be supported by 3, 4, 5 or 6 implants.
In case of repair it is possible to easily replace the individual elements.



** The components for SFI-Bar prostheses are medical devices manufactured by Cendres+Métaux, Rue de Boujean 122 CH-2501 Biel/Bienne.*

prosthetic component diameter	Ø 3.30 mm	Ø 3.80 mm
Abutments for SFI-Bar Transgingival height 3.00 mm	-	**05001001** 
Abutments for SFI-Bar Transgingival height 4.00 mm	-	**05001002** 
Abutments for SFI-Bar Transgingival height 5.00 mm	-	**05001003** 

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description	code	
2-implant kit, including: 2 large ball joint, 2 fixation screws, 1 tube bar in Gr. 5 titanium	**05000337**	
4-Implant kit, including: 2 large ball joint, 2 small ball joint, 2 Half shell balls, 4 fixation screws, 3 tube bars in Gr. 5 titanium	**05000338**	
Add-on kit, including: 1 small ball joint, 1 half shell ball, 1 fixation screw, 1 tube bar in Gr. 5 titanium	**05000668**	
Tube bar, length 20 mm, in Gr. 5 titanium	**05000382**	
Large ball joint in Gr. 5 titanium	**05000383**	
Small ball joint in Gr. 5 titanium	**05000384**	
Half shell ball in Gr. 5 titanium	**05000385**	
Fixation screw in Gr. 5 titanium	**05000386**	
Pack of 1 piece Female part asymmetrical, length 30.00 mm in gold alloy	**05000344**	
Female part complete, length 47.50 mm, in Gr. 5 titanium and plastic material. 1 bar with 12 segments, 6 yellow sheaths and 6 red sheaths	**05000358**	
Female part housing, length 47.50 mm in Gr. 5 titanium. 1 bar with 12 segments	**05000387**	
Pack of 6 pieces Yellow retention insert - smooth friction, in POM copolymer	**05000388**	
Pack of 6 pieces Red retention insert - normal friction, in POM copolymer	**05000389**	
Pack of 6 pieces Green retention insert - strong friction, in POM copolymer	**05000390**	

description	code
Instrument set	**07000108** 
Spacer Brass, ensures vertical resilience. Mount between female part and bar during polymerization	**052082**
Transfer jig length26.00 mm	**07000107**
Tube bar gauge	**07000106**
Gauge aid	**07000100**
Screwdriver	**07000114**
Hex key	**07000115**
Thomas spanner key	**070221**
Insert positioner	**07000036**
Activator set	**070198**
Desactivator macro	**070201**
Tweezers	**070347**
Implant planner	**07000111**
Premium disk No. 1	**08000101**

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We have met the good manufacturing standards (GMP) set forth by many countries worldwide, including the United States FDA.