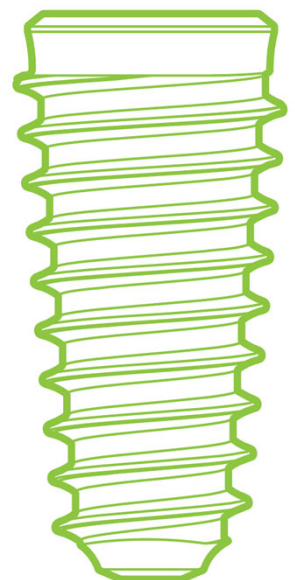
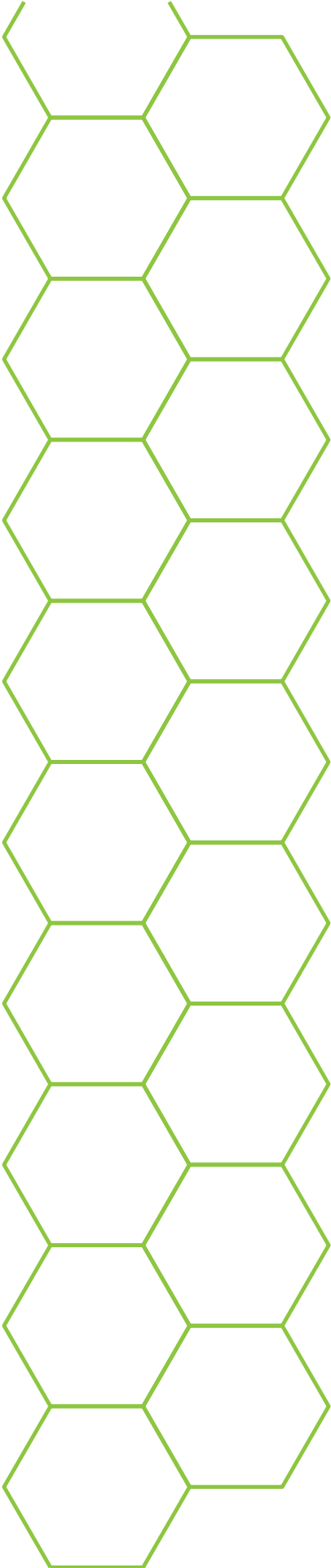




SHORE
dental implant





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All ESA-SHORE implants are supplied together with their own cover screw.



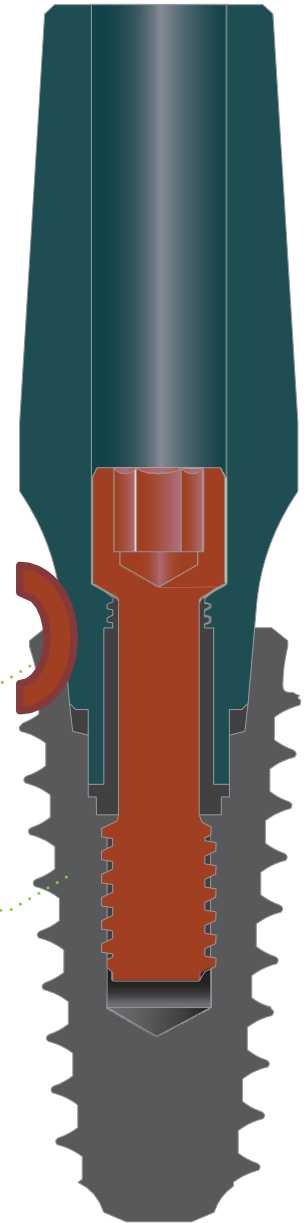
The platform has a 0.3 mm polished portion to safeguard against bacterial attack

The relationship between implant and abutment, fully satisfies the requirements to achieve the platform-switching concept, which is ideal for having a barrier against bacterial attack as well as being a support for the gingival mucosa.

The ESA-SHORE connection combines a 2.3 mm hexagon with a 10° conical portion that prevents unscrewing of the prosthesis, making the two component relationship perfectly integral.

The conical body and aggressive thread make the ESA-SHORE implant ideal in immediate loading or fresh socket cases.

All Esa-Shore implants, as well as the related prosthetic components, are manufactured from grade V titanium, a material with great mechanical and biocompatibility qualities.



All ESA-SHORE implants have the same prosthetic platform, with 2.3 mm hex, so that there is only one type of prosthetic abutment compatible with all implant diameters.



SURFACE TREATMENT

The SHORE surface is achieved by a process of sandblasting and double acidification (hydrofluoric acid at low temperature and strong acid mixture at high temperature). The surface is made with the aim of greatly increasing BIC (Bone-Impact Contact) and promoting osteoblastic cell differentiation. This surface has extensive documentation of its efficacy and long-term stability making the device indicated under standard conditions and in the presence of suboptimal bone tissue quality and/or quantity. This type of treatment imparts and develops a characteristic micro-topography (Fig.01, Fig.02), which is very effective in platelet activation and clot retention at the implant site. The capillary structure of this surface holds growth factors and ensures a fast and favorable course of the bone healing process.

COLD PLASMA SURFACE DECONTAMINATION

After surface treatments are completed, the fixtures are subjected to a thorough surface decontamination process using argon-triggered cold plasma, after having been previously cleaned of major contaminants by numerous wash cycles in appropriate solvents. During Argon treatment, the gas atoms are partially ionized, gain energy and violently "bombard" the surface of the fixture. This sort of "atomic sandblasting" causes the removal of organic contaminants, leaving no further traces or residues. Argon, as is well known, is an inert gas and does not react with the surface of titanium. The state of surface decontamination is checked regularly with randomized analysis of residual Bioburden and visual SEM examination on all batches produced. This process, by activating the ionization of the most superficial atoms of titanium oxide, increases the wettability of the fixture.

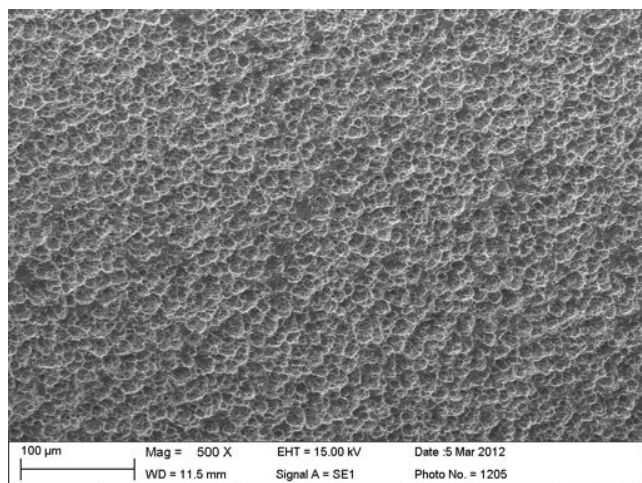


Fig.01

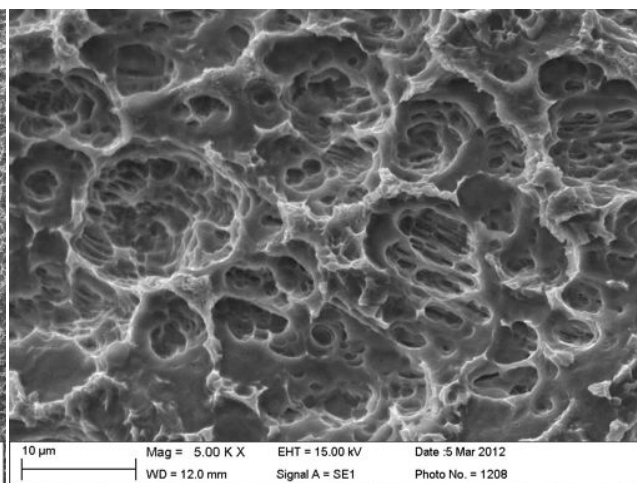


Fig.02

SURFACE ROUGHNESS (µ)

Ra	Rq	Rt
1.14 ± 0.91	1.39 ± 0.45	8.91 ± 3.10

SURFACE COMPOSITION ANALYSIS (XPS)

C	O	Ti	N	Si	Ca	Al	S
34.6	45.3	14.3	0.8	1.3	0.5	2.7	0.5

code	diameter	length
ESI3508K	Ø 3.5	8.5
ESI3510K		10.0
ESI3511K		11.5
ESI3513K		13.0
ESI3515K		15.0



code	diameter	length
ESI4007K	Ø 4.0	7.0
ESI4008K		8.5
ESI4010K		10.0
ESI4011K		11.5
ESI4013K		13.0
ESI4015K	Ø 4.5	15.0



code	diameter	length
ESI4507K	Ø 4.5	7.0
ESI4508K		8.5
ESI4510K		10.0
ESI4511K		11.5
ESI4513K		13.0
ESI4515K	Ø 5.0	15.0



code	diameter	length
ESI5007K	Ø 5.0	7.0
ESI5008K		8.5
ESI5010K		10.0
ESI5011K		11.5
ESI5013K		13.0
ESI5015K	Ø 5.5	15.0





Healing cap

code

Healing cap L 3 mm

ESVG3

Healing cap L 5 mm

ESVG5

Healing cap L 7 mm

ESVG7



transfer

code

transfer (screw ESVTR included)

ESTRK

long transfer screw

ESVTR



analog

code

analog

ESAN



Straight abutment

code

Straight abutment D 4.5 H 3 mm (screw ESVP included)

ESMD453K

Straight abutment D 4.5 H 5 mm (screw ESVP included)

ESMD455K

Straight abutment D 6.0 H 2 mm (screw ESVP included)

ESMD602K

Straight abutment D 6.0 H 4 mm (vite ESVP included)

ESMD604K



Angled abutment

code

Angled abutment 15° H 2 (screw ESVP included)

ESMA152K

Angled abutment 25° H 2 (screw ESVP included)

ESMA252K

Angled abutment 15° H 4 (screw ESVPA included)

ESMA154K

Angled abutment 25° H 4 (screw ESVPA included)

ESMA254K



Replacement screw

code

Replacement screw

ESVP



Chrome-Cobalt base castable abutment

code

Chrome-Cobalt base castable abutment
not engaging (screw ESVP included)

ESCRCK

Chrome-Cobalt base castable abutment
(screw ESVP included)

ESCNCK



Octa abutment

code

Octa H2 mm

ESOCT2

Octa H3 mm

ESOCT3

Octa H4 mm

ESOCT4



Octa transfer

code

Octa transfer
(screw ESVO included)

ESTROK



Octa healing cap

code

Octa healing cap
(screw ESVPO included)

ESVGO



Octa analog

code

Octa analog

ESANO



Temporary abutment for Octa

code

Temporary abutment for Octa
(screw ESVPO included)

ESTCOK

Castable temporary abutment for
Octa (screw ESVPO included)

ESTTOK

Octa replacement screw

ESVPO

Octa mounter key

code



Octa manual mounter key

ESCMO



Octa C/A mounter key

ESCMO



Straight MUA

code

Straight MUA H 1

ESMUD1

Straight MUA H 2

ESMUD2

Straight MUA H 3

ESMUD3

Straight MUA H 4

ESMUD4



Angled MUA

code

Angled MUA 17° H 2.5 (screw
ESVP included)

ESMUA17NK

Angled MUA 30° H 3.0 (screw
ESVP included)

ESMUA30NK



Angled MUA 17° H 4.5 (screw
ESVP included)

ESMUA175NK

Angled MUA 30° H 5.0 (screw
ESVP included)

ESMUA305NK



holder

ESPMU



Cover screw MUA

code

Cover screw MUA

ESVGM



Analog MUA

code

Analog MUA

ESAMU



Transfer MUA

code

Transfer MUA
(screw ESVTM included)

ESTRMK

Long screw for transfer MUA

ESVTM



Temporary abutment MUA

codice

Temporary abutment MUA
(screw ESVPM included)

ESTTMK

Castable abutment MUA
(screw ESVPM included)

ESTCMK

Replacement screw for MUA abutment

ESVPM



Ti-base

code

Ti-base H 1 (screw ESVP included)

ESBZLK

Ti-base H 2 (screw ESVP included)

ESBZL2K

Ti-base H 3 (screw ESVP included)

ESBZ3LK



Ti-base not engaging H 1 (screw ESVP included)

ESBZRLK

Ti-base not engaging H 2 (screw ESVP included)

ESBZRL2K

Ti-base not engaging H 3 (screw ESVP included)

ESBZRL3K



Ti-base MUA

code

Ti-base MUA
(screw ESVP included)

ESLKMK



Ti-base Octa

code

Ti-base Octa
(screw ESVP included)

ESLKOK



Scan Body

code

Scan Body - Sandblasted Titanium
(screw ESVP included)

ESSBK



Scan body MUA

code

Scan body MUA - Sandblasted
Titanium (screw ESVP included)

ESSBMK



Scan body Octa

code

Scan body Octa
(screw ESVP included)

ESSBOK



3D analog

code

3D Analog
(retention screw included)

ESAN3DK



3D analog MUA

code

3D Analog MUA
(retention screw included)

ESAMU3DK



3D analog Octa

code

3D Analog Octa
(retention screw included)

ESANO3DK



Dynamic screw for angled insertion

code

Dynamic screw

ESVPAI

Dynamic screw long head

EVPAITL



Driver for dynamic screw

code

Dynamic manual screw driver

ESCRCK

Dynamic C/A screw driver

ESCNCCK



Lok abutment

code

Lok H1 (cap set included)

ESLOK1K

Lok H2 (cap set included)

ESLOK2K

Lok H3 (cap set included)

ESLOK3K

Lok H4 (cap set included)

ESLOK4K

Lok H5 (cap set included)

ESLOK5K

Caps set (replacement - 2 set included)

ESLOKCS



Lok mounter keys

code

Lok manual mounte key

ESLOKMM

Lok c/a mounter key

ESLOKCMC

Insertion/extraction tool

ESLOKINS



Lok analog

code

Lok analog

ESLOKAN



Lok transfer

code

Lok transfer

ESLOKTR

Replacemet caps

code



Black caps - 0 LB for laboratory (4 pieces)

ESLOKNYNE0



Light blue caps - 1.5 LB (4 pieces)

ESLOKNYAZ15



Pink caps - 3 LB (4 pieces)

ESLOKNYRS3



Transparent caps - 5 LB (4 pieces)

ESLOKNYTR5



Red caps - angled 1.5 LB (4 pieces)

ESLOKNYRO15



Orange caps - angled 2 LB (4 pieces)

ESLOKNYAR2



Green caps - angled 4 LB (4 pieces)

ESLOKNYVE4



Metallic box caps (4 pieces)

ESLOKCP



Spacer rings (4 pieces)

ESLOKP

Ball attachment

code



Ball attachment H 1

ESMPA1

Ball attachment H 3

ESMPA3

Ball attachment H 5

ESMPA5



Metallic box

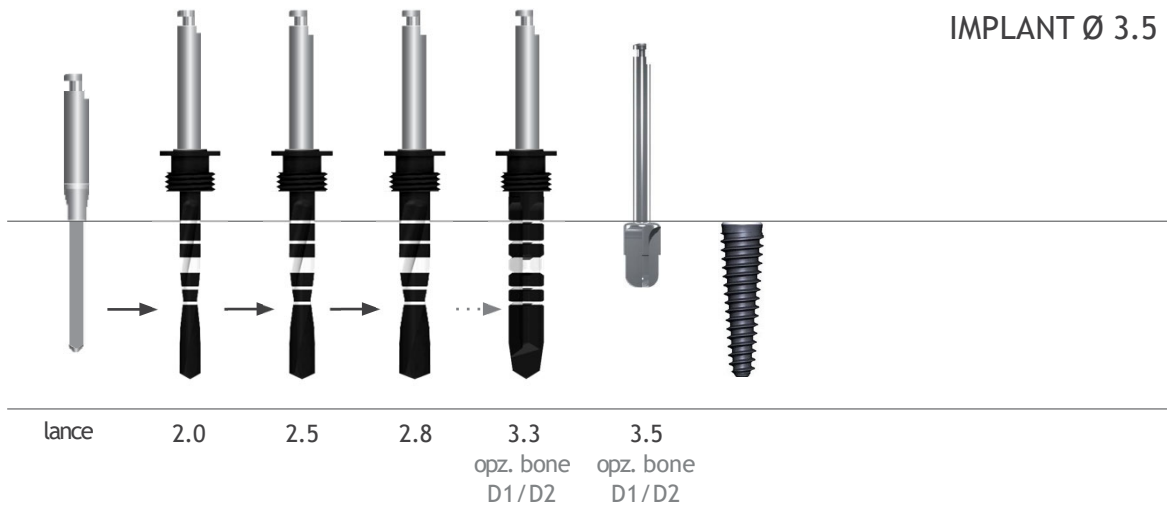
ESBPT



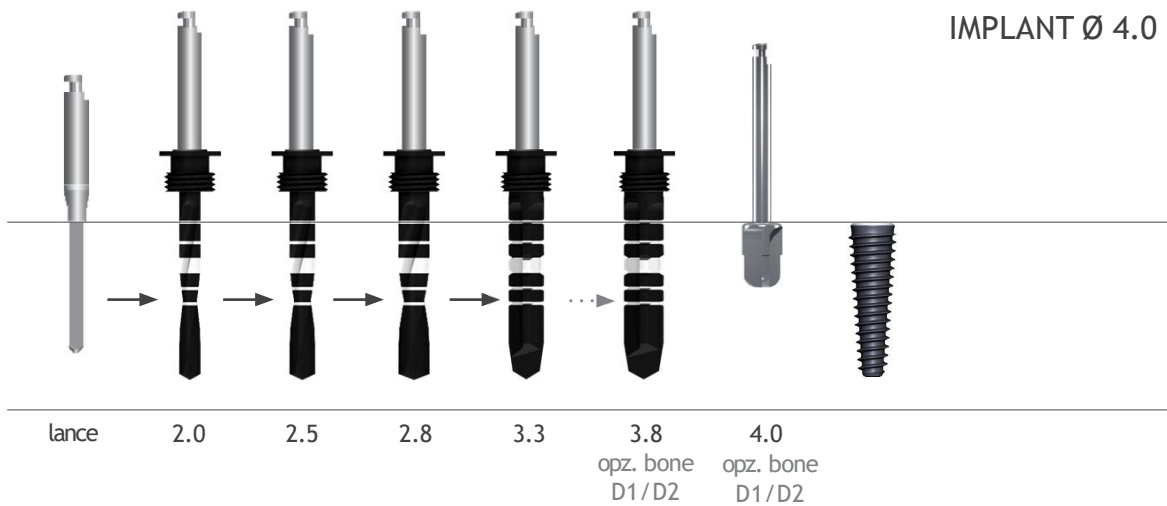
Transparent teflon cap

ESTF25

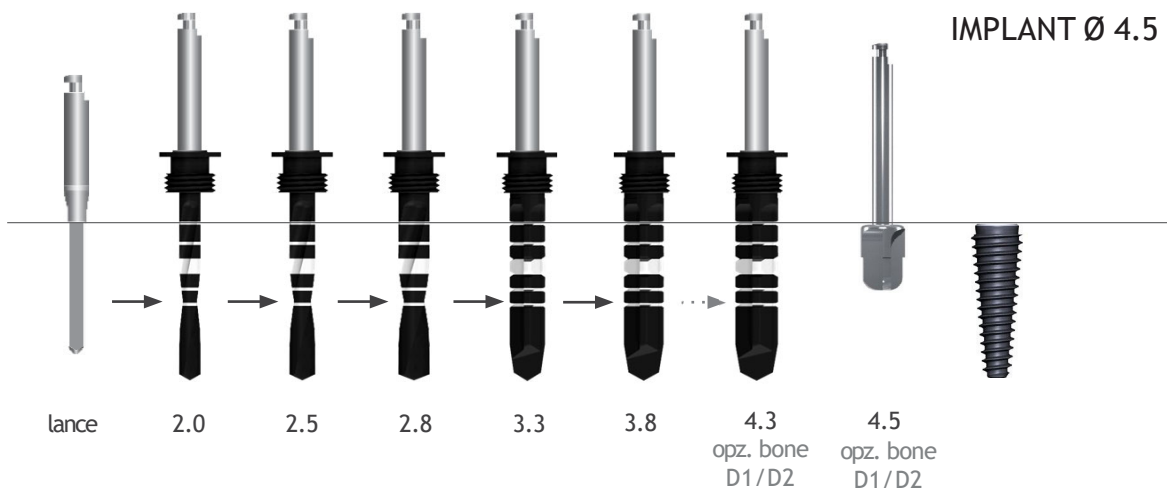
IMPLANT Ø 3.5



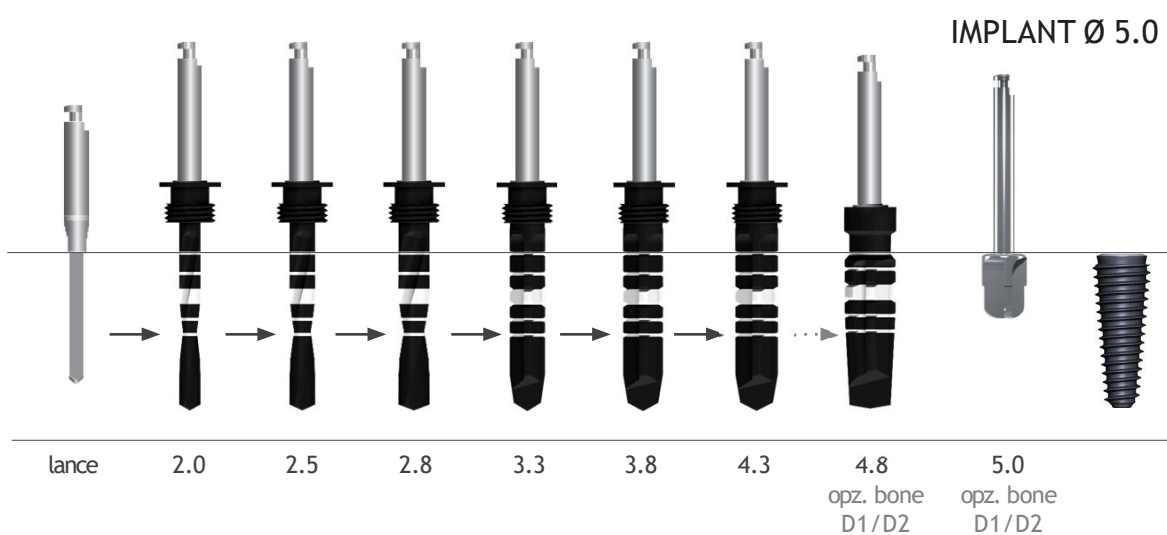
IMPLANT Ø 4.0



IMPLANT Ø 4.5



IMPLANT Ø 5.0



code	description
ESKITL	COMPLETE SURGICAL
ESCRD	TORQUE WRENCH (25-55 NCM)
ESDR120SH	SHORT MANUAL SCREW DRIVER
ESDR120LO	LONG MANUAL SCREW DRIVER
ESDR120CA	C/A SCREW DRIVER
ESCMC	SHORT C/A MOUNTER KEY
ESCMCLO	LONG C/A MOUNTER KEY
ESCMMSH	SHORT MANUAL MOUNTER KEY
ESCMMLLO	LONG MANUAL MOUNTER KEY
ESPP	PARALLEL PIN
ESFRPIL27	LANCE DRILL
ESFRS20	DRILL D 2.0
ESFRS25	DRILL 2.5
ESFRS28	DRILL 2.8
ESFRS33	DRILL 3.2
ESFRS38	DRILL 3.8
ESFRS43	DRILL 4.3
ESFRS48	DRILL 4.8
ESSFLR07	STOP DRILL L 7
ESSFLR085	STOP DRILL L 8.5
ESSFLR10	STOP DRILL L 10
ESSFLR115	STOP DRILL L 11.5
ESSFLR13	STOP DRILL L 13
ESSFLR15	STO DRILL L 15
TSMAS35	COUNTER SINK Ø 3.5
TSMAS40	COUNTER SINK Ø 4.0
TSMAS45	COUNTER SINK Ø 4.5
TSMAS50	COUNTER SINK Ø 5.0

Other accessories (not included in surgical kit)

ESEST	EXTRACTOR
ESPF	DRILL EXTENSION

