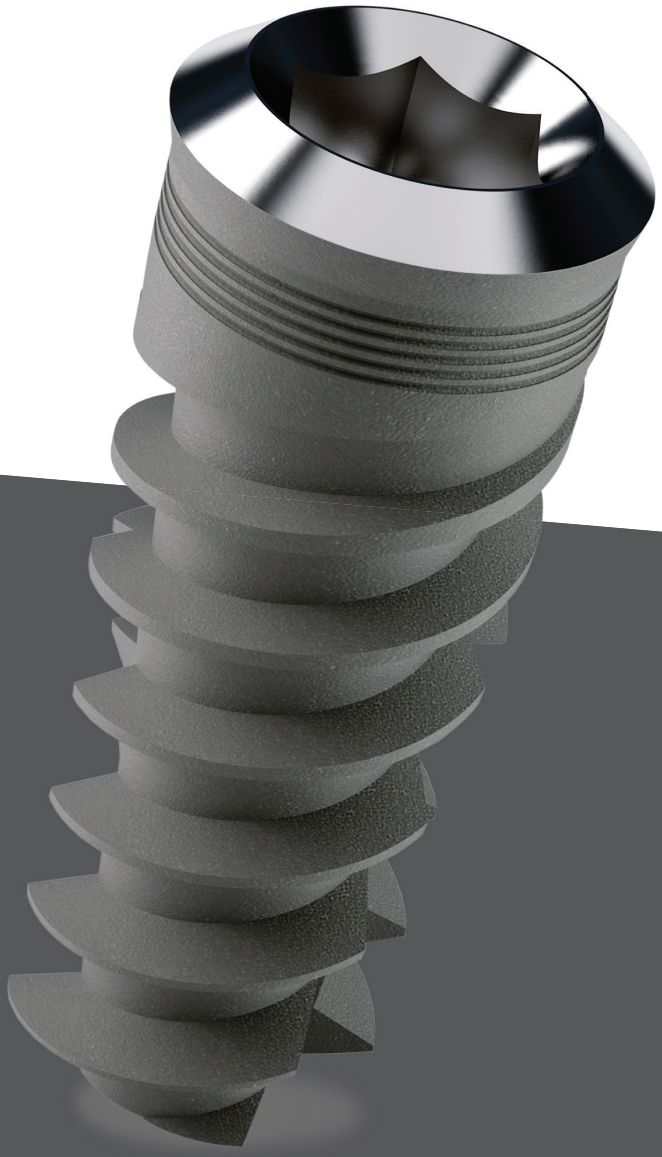
TAG

meté
Biomedical

TAG

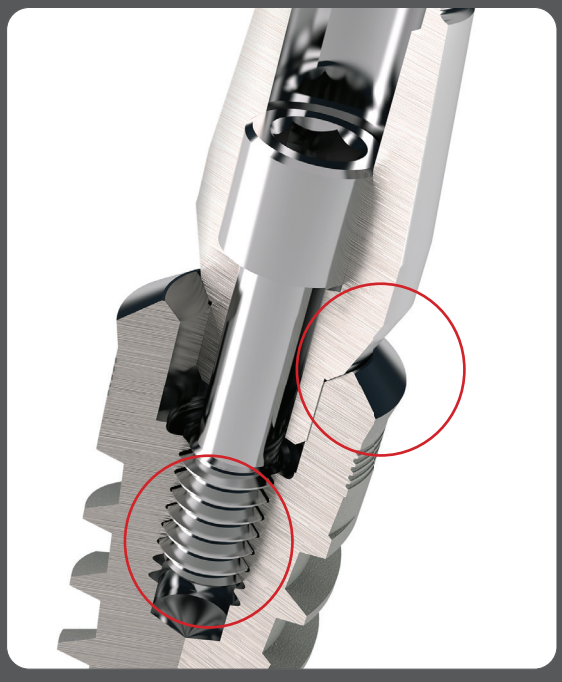


- Self-tapping dental implant
- Internal hexagon connection
- Single platform for all diameters
- Platform switching

The implant design is characterised with a tapered body and a particularly aggressive, sharp and deep coil, designed for less bone removal and to provide ideal primary stability in all types of tissue.

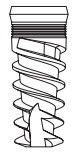
Surface Treatment "Sandblasting and acid-etching" helps to obtain a micro-roughness which enhances the speed of the osseointegration process.

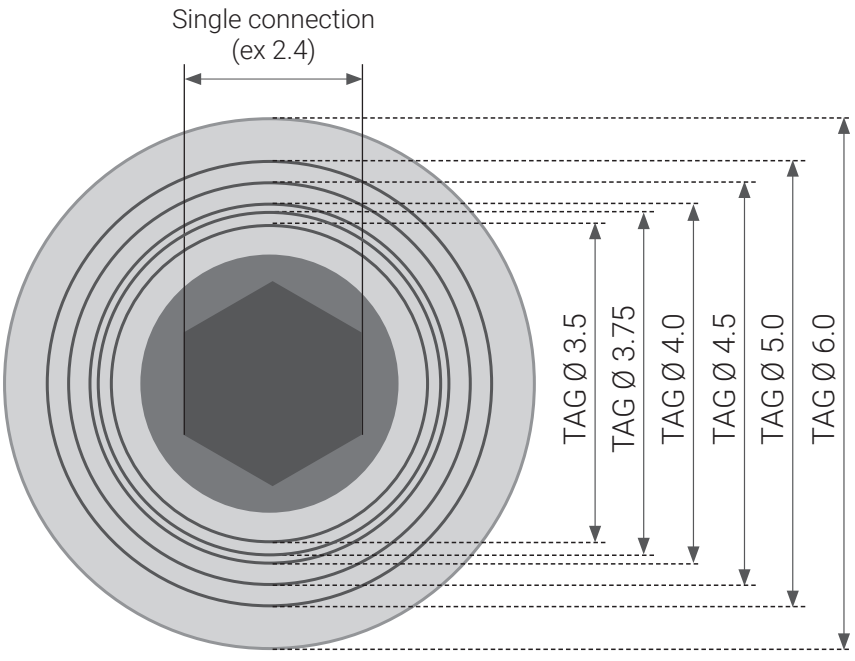
Excellent decontamination is performed by using an Argon Plasma reactor in a cleanroom.



A 45° input bevel transfers the load downwards ensuring greater stability and reduces micro movements between the fixture and the abutment.

The 1,8 mm connection screw with deep engagement ensures a precision fit connection between the prosthetic parts and implant.

ø	Article	L. 6	L. 8,5	L. 10	L. 11,5	L. 13	L. 15
	mm	mm	mm	mm	mm	mm	mm
3.5		-	TAGMF001	TAGMF002	TAGMF003	TAGMF004	-
3.75		-	TAGMF033	TAGMF034	TAGMF035	TAGMF036	TAGMF037
4.0		-	TAGMF006	TAGMF007	TAGMF008	TAGMF009	TAGMF010
4.5		TAGMF011	TAGMF012	TAGMF013	TAGMF014	TAGMF015	-
5.0		TAGMF017	TAGMF018	TAGMF019	TAGMF020	TAGMF021	-
6.0		TAGMF023	TAGMF024	TAGMF025	-	-	-



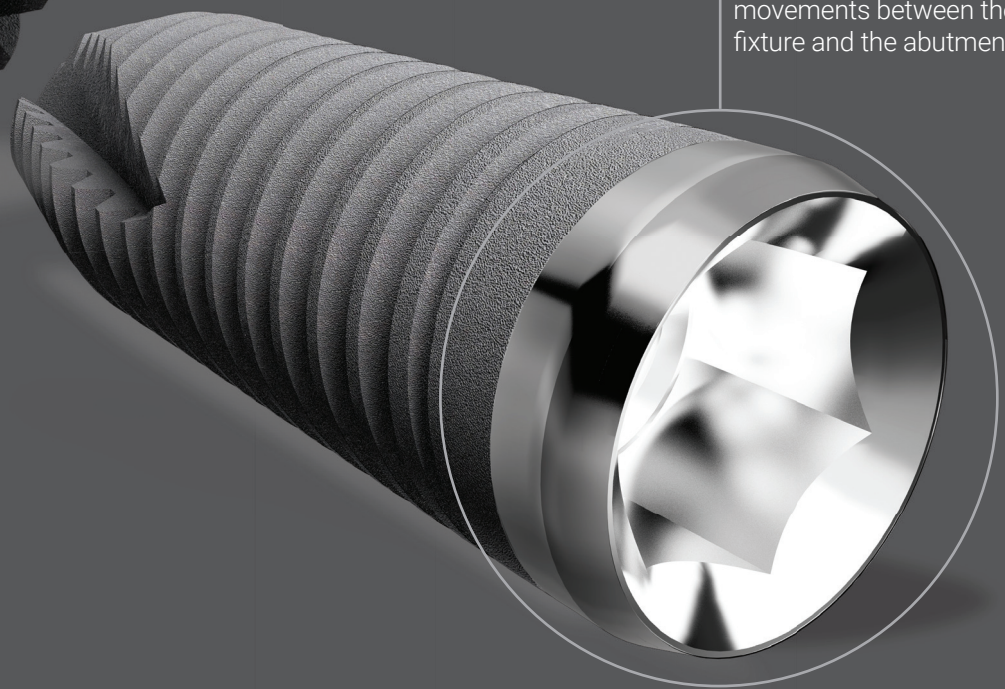
SINGLE PROSTHETIC CONNECTION FOR ALL PLATFORMS

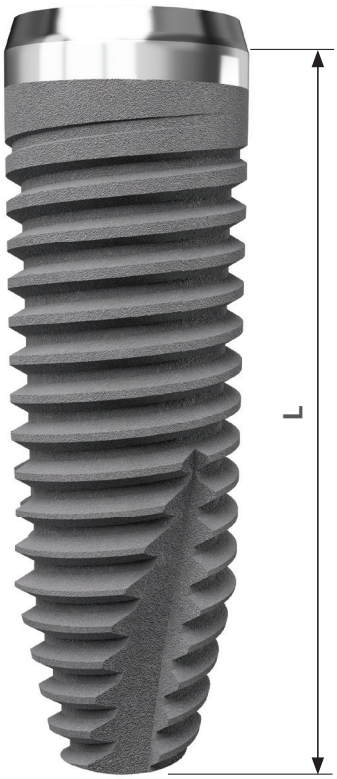
TAG
STRAIGHT

Platform switching
1 mm machined neck

- Self-tapping straight dental implant
- Internal hexagon connection
- Single platform for all diameters
- SAE Surface Treatment for best osseointegration process

The internal hexagon connection, with conical implant-prosthetic support, ensure greater stability reducing micro movements between the fixture and the abutment.





ø	L. 7	L. 8,5	L. 10	L. 11,5	L. 13
	mm	mm	mm	mm	mm
3.8	-	TAG3.8X8.5ST	TAG3.8X10ST	TAG3.8X11.5ST	TAG3.8X13ST
4.25	TAG425X7ST	TAG425X8.5ST	TAG425X10ST	TAG425X11.5ST	TAG425X13ST
5.0	-	TAG5X8.5ST	TAG5X10ST	TAG5X11.5ST	TAG5X13ST

Possibility of fixing at different transgingival heights

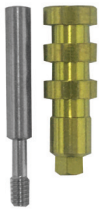
1mm out of bone crest

0,5mm out of bone crest

0mm out of bone crest

TAG Prosthetic components

	Healing cap H.2 - cod. TAGVG2 H.4 - cod. TAGVG4 H.6 - cod. TAGVG6
	Analog cod. TAGANA
	Zero abutment cod. TAGMD0
	Tbase abutment H.0.5 - cod. TAGTB05 H.1 - cod. TAGTB1 H.2 - cod. TAGTB2 Tbase friction fit abutment H.0.5 cod. TAGTB05FF
	Anatomical angled abutment 15° H.1 - cod. TAGMAA151 H.2 - cod. TAGMAA152
	Titanium temporary abutment non engaging cod. TAGMPR
	Base Cr/Co cod. TAGCR
	Ball abutment H.1 - cod. TAGASF1 H.2 - cod. TAGASF2 H.3 - cod. TAGASF3 H.4 - cod. TAGASF4

	Transfer open tray cod. TAGTRO
	Straight abutment H.1 - cod. TAGMD1 H.2 - cod. TAGMD2 H.3 - cod. TAGMD3 H.4 - cod. TAGMD4
	Friction fit abutment cod. TAGMDFF
	Tbase abutment non engaging H. 0.5 - cod. TAGTBR H.1 - cod. TAGTBR1 H.2 - cod. TAGTBR2
	Anatomical angled abutment 25° H.1 - cod. TAGMAA251 H.2 - cod. TAGMAA252
	Castable cylinder cod. TAGCC
	Base Cr/Co non engaging cod. TAGCRR
	Open low cap with o-ring cod. TAGCAP

	Transfer closed tray cod. TAGTRAC
	Straight abutment cod. TAGMD
	Anatomical straight abutment H.1 - cod. TAGMDA1 H.2 - cod. TAGMDA2
	Angled abutment 15° cod. TAGMA15 Angled abutment 25° cod. TAGMA25
	Titanium temporary abutment cod. TAGMP
	Castable cylinder non engaging cod. TAGCCR
	Tag loc H.1 - cod. TAGLOC1 H.2 - cod. TAGLOC2 H.3 - cod. TAGLOC3 H.4 - cod. TAGLOC4
	Teflon cap cod. TAGCAPT
	Cap basket cod. TAGCONT

Straight Mua

H.1 - cod. TAGMUA1
H.2 - cod. TAGMUA2
H.3 - cod. TAGMUA3
H.4 - cod. TAGMUA4

Mua healing cap

cod. TAGCG097

Mua titanium temporary abutment

cod. TAGMDMUA

Abutment screw

cod. TAGVM

Ratchet screwdriver

L12 - cod. TAGDCS
L17 - cod. TAGDCL

Machine implant driver

Short - cod. TAGIDS
Long - cod. TAGIDL

Ratchet Mua screwdriver

cod. TAGDCMUA

Cortical drill

L26 - cod. TAGFL26
L32 - cod. TAGFL32

Angled Mua 17°

H.2 - cod. TAGMUA172
H.3 - cod. TAGMUA173
H.4 - cod. TAGMUA174

Mua transfer

cod. TAGTRAMUA

Mua castable cylinder

cod. TAGCCMUA

Mua screw M1.4

cod. TAGVMMUA

Machine screwdriver

L20 - cod. TAGDMXS
L26 - cod. TAGDMS
L32 - cod. TAGDML

Friction fit abutment extractor

cod. TAGEXT

Machine implant driver hand adapter

cod. TAGPCM

DLC drill

cod. TAGFF [2.0 / 2.5 / 2.8 / 3.0 | 3.2 / 3.5 / 3.65 | 4.0 / 4.3 / 4.5 / 5.4]

Angled Mua 30°

H.3 - cod. TAGMUA303
H.4 - cod. TAGMUA304
H.5 - cod. TAGMUA305

Mua analog

cod. TAGANAMUA

Mua Tbase

cod. TAGTBMUA

Screwdriver

L10 - cod. TAGDS
L15 - cod. TAGDL

Ratchet implant driver

L12 - cod. TAGIDCS
L17 - cod. TAGIDCL

Mua machine screwdriver

cod. TAGDMUA

Dynamometric torque ratchet adjustable 0 to 35 Ncm
cod. TAGCRIDIN

Fixed ratchet
cod. TAGCRI

Drill extention

cod. TAGAIP

TAG

Politecnico di Torino

Decontamination guarantees perfect cleaning of the fixture, as evidenced by the various tests of cytotoxicity, XPS, cell adhesion, PCR, bioburden, apyrogenicity and sterility.

These tests are periodically repeated on all production every three mounths.
The final packaging is carried out entirely in a controlled contamination environment by using tested and validated components, guaranteed for 5 years.

DECONTAMINATION

STEP 1

Surface treatment is followed by the decontamination process carried out through 13 different passages in specific acid solutions.

• Purpose: inorganic slag remuval such as machining residues and carbon and alumina, coming from surface treatments, generally considered implants osseointegration failure possible causes.

STEP 2

Gaseous cleaning agents treatment applied by electro-chemical process performed by plasma reactor.
• Purpose: organic contamination removal such as pro-inflammatory agents.

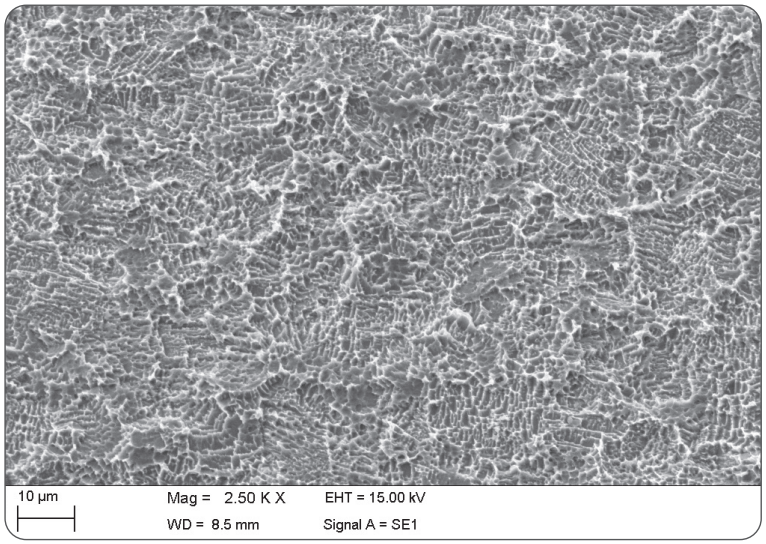
All these processes are following a strict protocol in collaboration with:
• Turin Polytechnic, Applied Science and Technology Department.
• University of Turin, Department of Surgical Sciences.

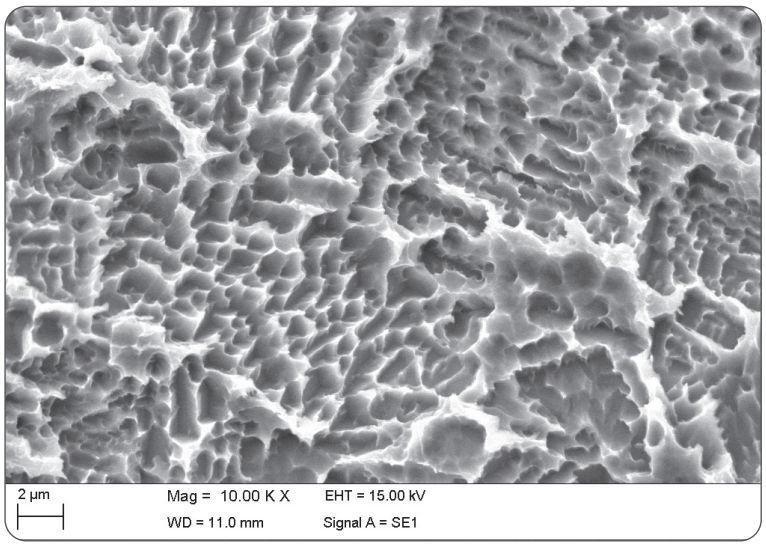
PLASMA REACTOR

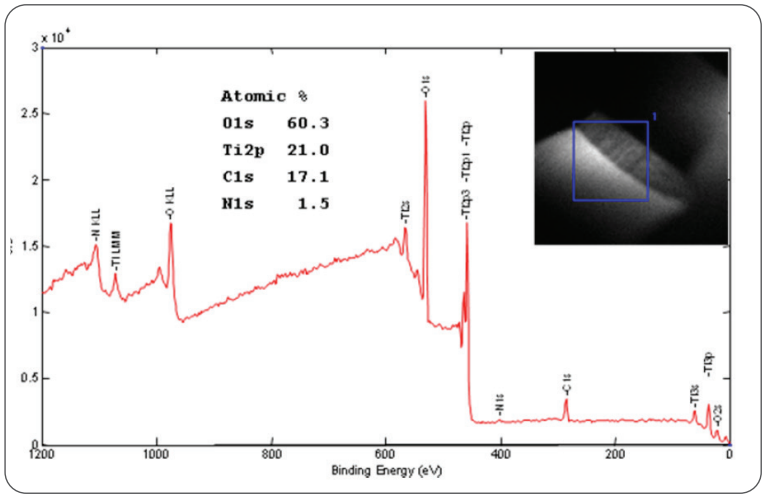
Fixtures surface contaminants are removable by gaseous decontaminating elements electro-chemical process, performed by plasma reactor.

Reactor is equipped with an internal chamber containing the fixtures, in which is conveyed an hight power flow of inert Argon gas iones.

As a result of the iones bombardment , the organic particles hidden in the surface roughness are also reached and removed.
With low pressure plasma technology, surfaces can be also treated by changing their original characteristics, activating them to improve their wettability for faster osseointegration.







Magnifications of the treated surface, photographed by SEM (electron microscope).

SURFACE TREATMENT

"SAE" (Sandblasted Acid Etched) treatment provides for microtopography and surface chemistry control to accelerate natural bone regeneration.

Treatment is performed using a coarse-grained sand blasting technique, followed by etching with acid solutions.

The sand blasting process generates a macro roughness on the surface of the implant, which is overlain by a micro roughness obtained with the acid etching process.

The resulting surface topography is an ideal structure for osteoblast cells anchorage and enhances an excellent implant integration into the bone tissue.

Politecnico di Torino

Research and analysis carried out in collaboration with the Applied Science and Technology Department of the Turin Polytechnic.

TAG 3.0

- Self-tapping conical dental implant
- Internal hexagon connection

GRADE 5 TITANIUM

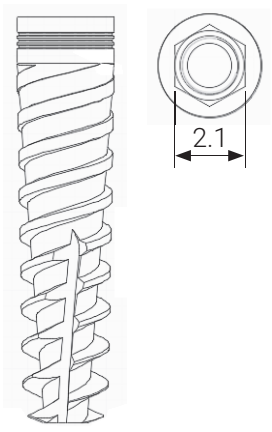
TAG 3.0 comes from the need to solve atrophic and thin frontal crests clinical cases and as a valid solution in lateral agenesis.

Implant design is characterized by condensing conical body with osteotome effect and neck designed for reduce trauma to the crestal area.

The 1,6 mm connection screw with deep engagement ensures a precision fit connection between the prosthetic parts and implant.

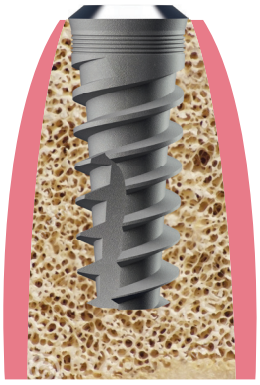
Surface Treatment "Sandblasting and acid-etching" helps to obtain a micro-roughness which enhances the speed of the osseointegration process.

Excellent decontamination is performed by using an Argon Plasma reactor in a cleanroom.

	10 mm	11.5 mm	13 mm
			
Tag 3.0 codes	TAG MF FIXTURE 3.0 H10 cod. TAGMF029	TAG MF FIXTURE 3.0 H11.5 cod. TAGMF030	TAG MF FIXTURE 3.0 H13 cod.TAGMF031

Ø 3.0 Fixture

Ø 3.5 Fixture

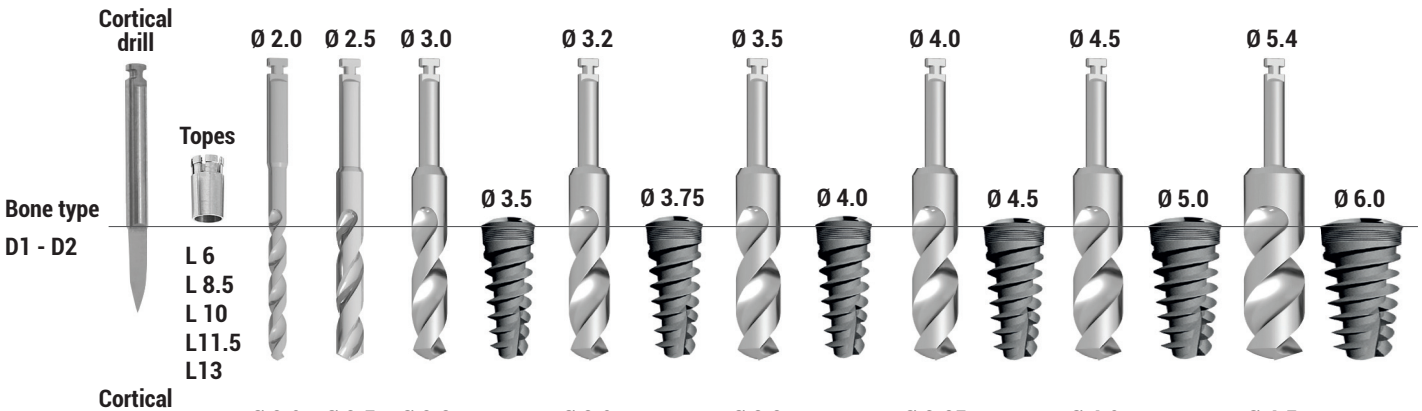


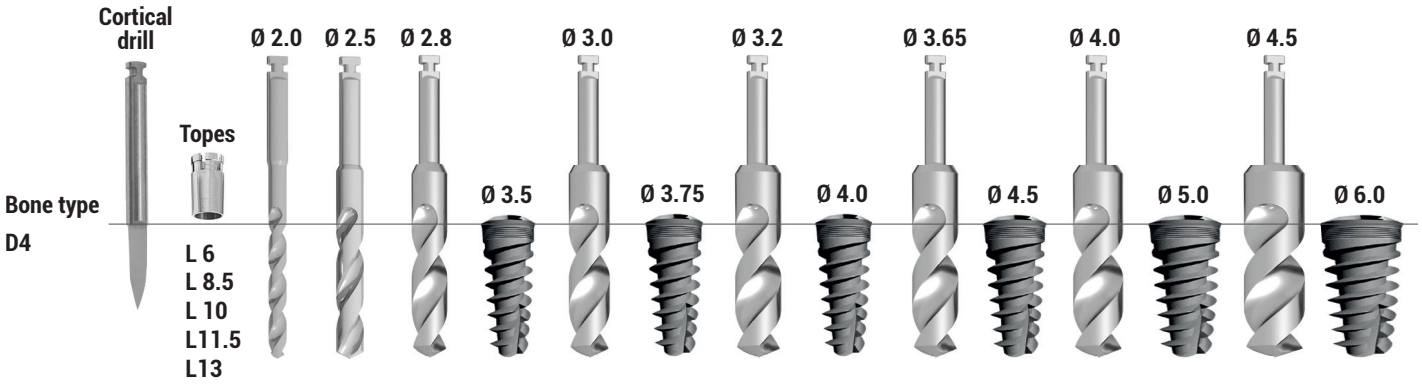
Thin crests

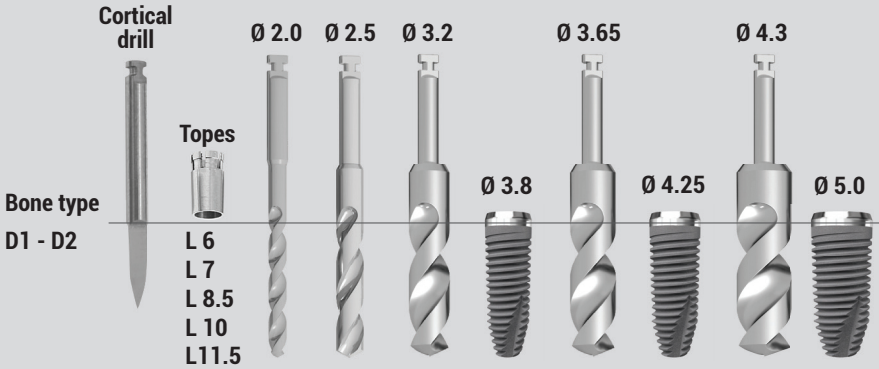
Narrow spaces

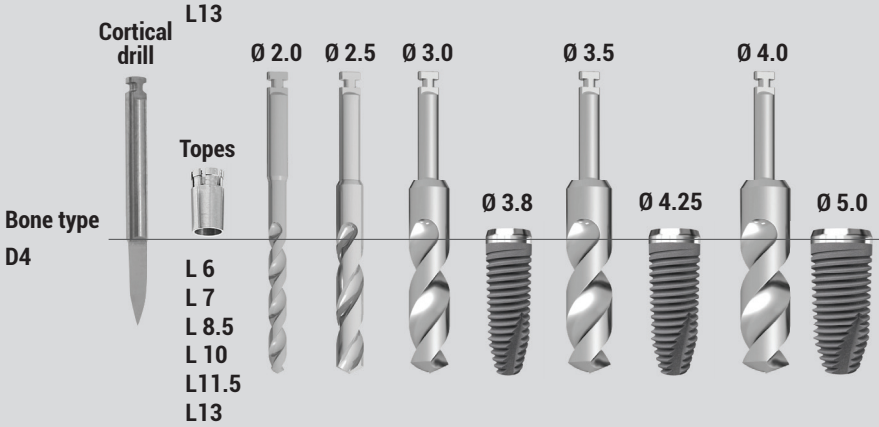
TAG3.0 Prosthetic components

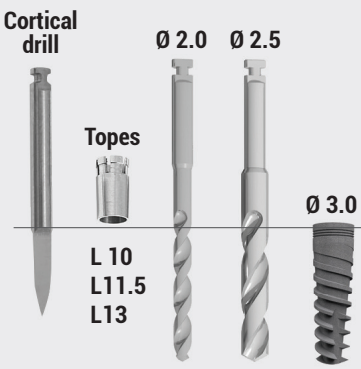
	Healing cap H.2 - cod. TAGVG32 H.4 - cod. TAGVG34		Transfer open tray cod. TAGTRA3		Analog cod. TAGANA3
	Castable cylinder Hex and no Hex cod. TAGCC3 cod. TAGCC3R		Straight abutment H.0 - cod. TAGMD3 H.2 - cod. TAGMD32		Titanium temporary abutment Hex and no Hex cod. TAGMP3 cod. TAGMP3R
	Angled abutment 15° cod. TAGMA315		Angled abutment 25° cod. TAGMA325		Abutment screw M1,6 cod. TAGVM3
	Ball abutment H.1 - cod. TAGASF31 H.2 - cod. TAGASF32 H.3 - cod. TAGASF33 H.4 - cod. TAGASF34		Open low cap with o-ring cod. TAGCAP		Teflon cap cod. TAGCAPT
					Cap basket cod. TAGCONT


Cortical drill
Ø 2.0
Ø 2.5
Ø 3.0
Ø 3.2
Ø 3.5
Ø 4.0
Ø 4.5
Ø 5.4
Topes
Bone type
D1 - D2
Ø 3.5
Ø 3.75
Ø 4.0
Ø 4.5
Ø 5.0
Ø 6.0
L 6
L 8.5
L 10
L11.5
L13

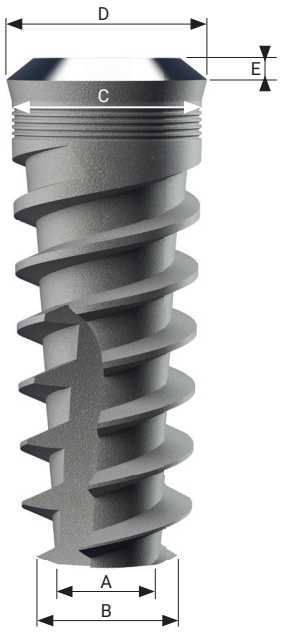

Cortical drill
Ø 2.0
Ø 2.5
Ø 2.8
Ø 3.0
Ø 3.2
Ø 3.65
Ø 4.0
Ø 4.5
Topes
Bone type
D4
Ø 3.5
Ø 3.75
Ø 4.0
Ø 4.5
Ø 5.0
Ø 6.0
L 6
L 8.5
L 10
L11.5
L13


Cortical drill
Ø 2.0
Ø 2.5
Ø 3.2
Ø 3.65
Ø 4.3
Topes
Bone type
D1 - D2
Ø 3.8
Ø 4.25
Ø 5.0
L 6
L 7
L 8.5
L 10
L11.5
L13


Cortical drill
Ø 2.0
Ø 2.5
Ø 3.0
Ø 3.5
Ø 4.0
Topes
Bone type
D4
Ø 3.8
Ø 4.25
Ø 5.0
L 6
L 7
L 8.5
L 10
L11.5
L13


Cortical drill
Ø 2.0
Ø 2.5
Topes
Ø 3.0
L 10
L11.5
L13

TAG



Dimensional technical data for surgical planning

	A	B	C	D	E
Fixture size	Apical core	Apical coil	Ø Fixture	Ø Neck	Height switching platform
Ø 3.5	2.0	3.1	3.5	3.75	0.5
Ø 3.75	2.2	3.3	3.75	4.00	0.5
Ø 4.0	2.2	3.5	4.0	4.25	0.5
Ø 4.5	2.5	4.0	4.5	4.75	0.5
Ø 5.0	2.5	4.5	5.0	5.25	0.5
Ø 6.0	3.1	5.1	6.0	6.25	0.5

TAG STRAIGHT

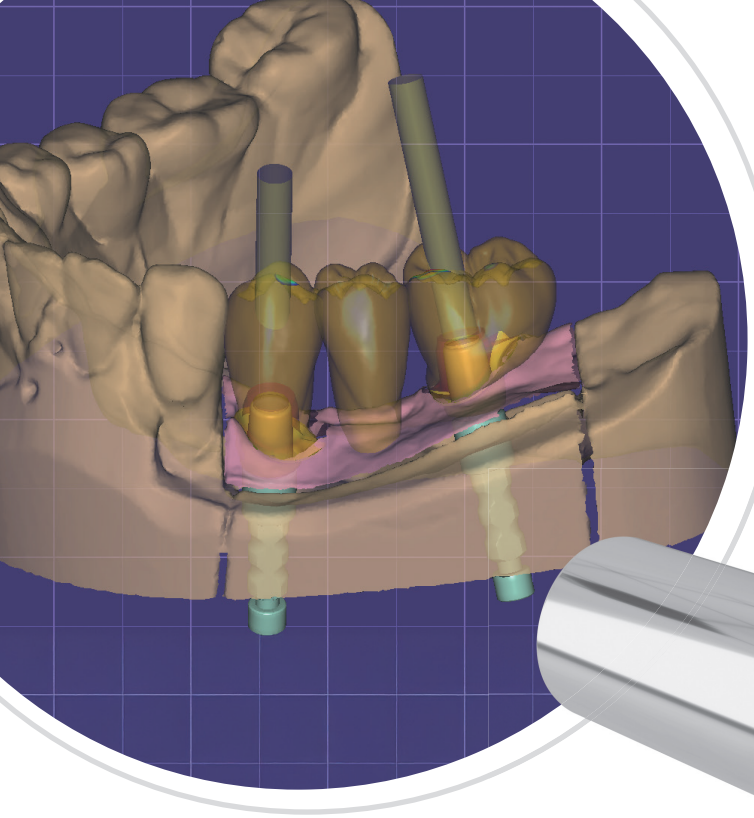
Dimensional technical data for surgical planning

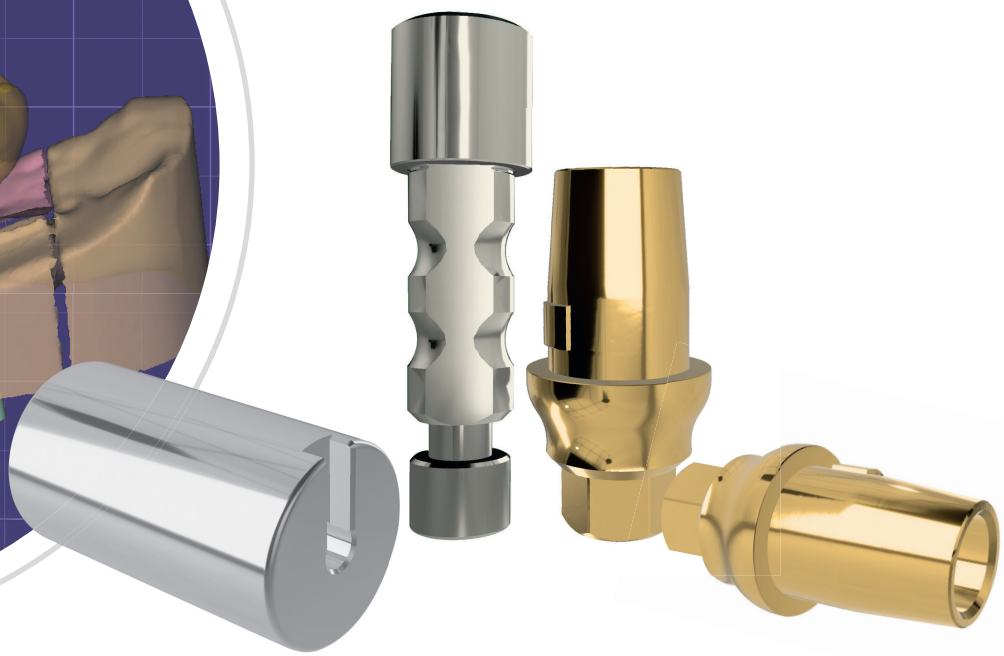
	A	B	C	E
Fixture size	Apical core	Apical coil	Ø Fixture	Height switching platform
Ø 3.8	1.65	2.3	3.8	0.5
Ø 4.25	1.85	2.5	4.25	0.5
Ø 5.0	2.4	3.1	5.0	0.5

TAG 3.0

Dimensional technical data for surgical planning

	A	B	C
Fixture size	Apical core	Apical coil	Ø Fixture
Ø 3.0	1.3	2.4	3.0





	Implant Scan abutment
	cod. TAGSBI
	Mua Digital Analog
	cod. TAGMUACAD
	Mua Tbase
	cod. TAGTBMUA

	Mua Scan abutment
	cod. TAGSBMUAP
	Tbase abutment H.0.5 - cod. TAGTB05 H.1 - cod. TAGTB1 H.2 - cod. TAGTB2
	Tbase frictionfit abutment H.0.5 cod. TAGTB05FF
	Premilled Ø 11,5 cod. TAGPM1
	Premilled Ø 16 cod. TAGPM2

	Digital Analog
	cod. TAGANACAD
	Tbase abutment non engaging
	H. 0.5 - cod. TAGTBR H.1 - cod. TAGTBR1 H.2 - cod. TAGTBR2
	Angled Hole Screw
	cod. TAGVMV

TAG Implant libraries

TAG Implant libraries for Exocad, 3Shape and DentalWings are available.
Ask to our offices or contact your local TAG distributor for more info.

3shape

dental wings

exocad

TAG

The implant is packed in a double sterile vial and the special titanium support allows the easy removal by implant driver.

Rev. 2025

meté Biomedical

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