AISER

Implant System



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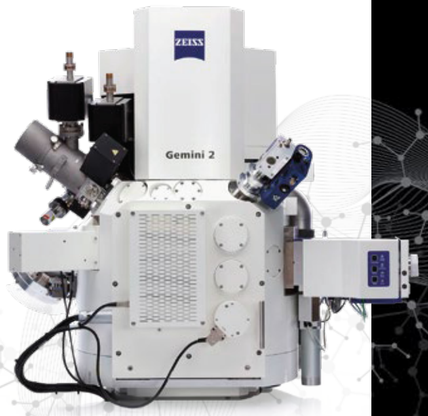
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AISER® Dental Implants are the result of continuous research, rigorous quality control, and advanced clinical studies.

The entire production chain is traceable through the UTD (Unique Traceability Document), which is the assurance we provide to patients and professionals all around the world.

AISER® Dental Implants are meant to last for a lifetime. Guaranteed for life.



RESEARCH AND CLINICAL TESTS

AISER® Implant System is the result of in-depth research aimed at solving the daily problems doctors have to face during surgery. Our mission is to provide products at the technological forefront of the industry to allow practitioners to provide the very best to their patients.

Our R&D division cooperates with practitioners, universities and institutions worldwide.

Our main research branches:

- Titanium Implant and Titanium alloy surface modification, to improve biocompatibility, osteoinductivity, osteoconductivity.
- Plasma sputtering surface deposition of anti-microbial layers.
- Bone substitutes in bone regenerative surgery.
- Design of conical implant-prosthesis pairing at 30 N torque.

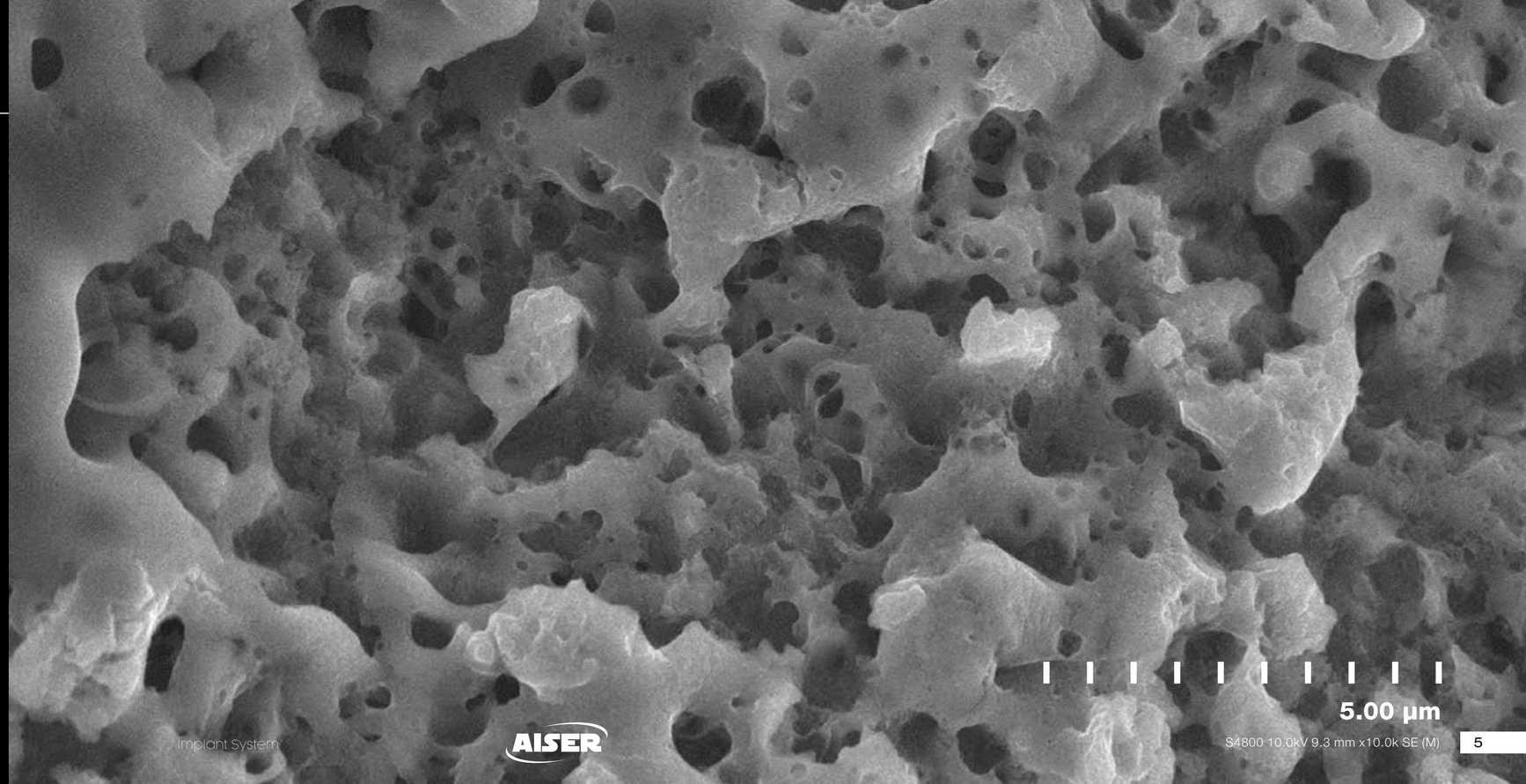
Biosyn-D

AISER®'s groundbreaking titanium surface treatment. The treatment guarantees a stable, highly oxidized, hydrophilic, nanoporous surface, resulting in astonishing biological and mechanical properties. Implant design and a high roughness surface profile allow for optimal primary stability.

Surface bioactivity features assure fast and high grade secondary stability and osseointegration.

BIOSYN-D
Swiss precision in biotechnologies.

Study on the surface performed at the University of Geneva



The UTD (Unique Traceability Document) allows us to trace all the production stages of each individual product, and its logistics from within our warehouse down to the patient.

The quality assessment performed on our products is among the strictest on market, ranging from dimensional checks through laser equipment, to EDS/SEM chemical and topographical analysis.

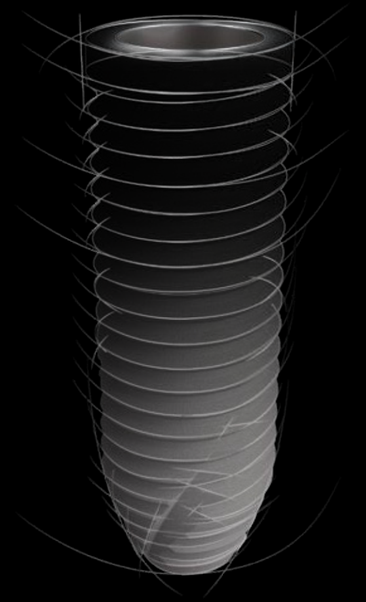
Full traceability and systematic quality checks are the reason why AISER® offers LIFETIME WARRANTY on all its products.

AISER® Implants are meant to last for a lifetime.

AISER® offers LIFETIME WARRANTY on all its products.

Mechanical study performed at the Polytechnic University of Milan

AISER® Implants are designed to last forever.



AISER® Implant System

Strength, durability and astonishing bioactivity.

AISER® Implant Systems are not designed to compromise.
Top Class Titanium Mechanical reliability.

Astonishing bioactivity performance thanks to oxidative etching treatment of **AISER® Biosyn-D surface.**

Reliability and Innovation, to provide professionals with only the best.

AISER® Implant Systems are designed to provide reliable implants to address all clinical needs. AISER® Implant System consists of three implant lines: **AISER® Tytan, AISER® Themys, AISER® Ceos.**



TYTAN



THEMYS



CEOS

// Characteristics:

All components are created with the most **resistant and reliable** of biocompatible titanium alloys.

The implant's surface is etched and oxidized through **AISER® Biosyn-D treatment**, resulting in a surface with high grade nano-porosity, nano-roughness, hydrophilicity and bioactivity.

Implants are biphasic with an internal hexagonal connection paired with a conical coupling.

Implant design is built to achieve a high quality primary stability and precision, and to guarantee practical insertion during surgery.



TYTAN

Precision, Stability, Tissue Management.

TYTAN

Tytan implant line is designed to treat D1 and D2 bone tissue types.

The **dual-coil** design allows high grade overall stability, maintaining low friction on the ridge.



Universal Prosthetic Platform

One connection for every Ø

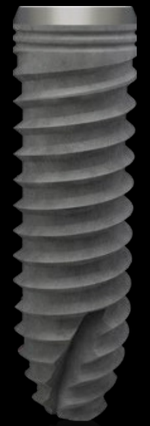
Ø 3,5 mm	Ø 4,3 mm	Ø 5,0 mm	Ø 5,5 mm	L
TY35V06	TY43G06	TY50B06	TY55Y06	6 mm
TY35V07	TY43G07	TY50B07	TY55Y07	7 mm
TY35V08	TY43G08	TY50B08	TY55Y08	8 mm
TY35V10	TY43G10	TY50B10	TY55Y10	10 mm
TY35V11	TY43G11	TY50B11	TY55Y11	11 mm
TY35V13	TY43G13	TY50B13	TY55Y13	13 mm
TY35V15	TY43G15	TY50B15	N/A	15 mm
TY35V18	TY43G18	N/A	N/A	18 mm
TY35V20	TY43G20	N/A	N/A	20 mm
TY35V22	TY43G22	N/A	N/A	22 mm

Specifications:

AISER® Tytan desing: endosseous, biphasic, dual-coil.

AISER® Conical Link System connection: internal, conical, hexagonal connection, with conical and screwed implant-prosthetic junction.

AISER® Biosyn-D surface: nano-porous, nano-rough, highly oxidized, therefore surface osteoinductive, osteoconductive and chemically stable.



THEMYS

Precision, Stability, Tissue Management.

THEMYS

Themys implant line is designed to treat D2, D3, D4 bone tissue types.

The single-coil, **wide pitch**, **wide thread design** provides neat cutting performance, avoiding tissue compression and allowing for great levels of stability.



Universal Prosthetic Platform

One connection for every Ø

Ø 3,5 mm	Ø 4,3 mm	Ø 5,0 mm	Ø 5,5 mm	L
TH35V06	TH43G06	TH50B06	TH55Y06	6 mm
TH35V07	TH43G07	TH50B07	TH55Y07	7 mm
TH35V08	TH43G08	TH50B08	TH55Y08	8 mm
TH35V10	TH43G10	TH50B10	TH55Y10	10 mm
TH35V11	TH43G11	TH50B11	TH55Y11	11 mm
TH35V13	TH43G13	TH50B13	TH55Y13	13 mm
TH35V15	TH43G15	TH50B15	N/A	15 mm
TH35V18	TH43G18	N/A	N/A	18 mm
TH35V20	TH43G20	N/A	N/A	20 mm
TH35V22	TH43G22	N/A	N/A	22 mm

Specifications:

AISER® Themys design: Endosseous, Biphasic, single-coil with wide pitch and thread.

AISER® Conical Link System connection: internal, conical hexagonal connection, with conical and screwed implant-prosthetic junction.

AISER® Biosyn-D surface: nano-porous, nano-rough, highly oxidized, therefore surface osteoinductive, osteoconductive and chemically stable.



CEOS

Precision, Stability, Tissue Management.

CEOS

AISER® **Ceos** implant line is designed for extrasinus zygomatic surgery.

The implant apex is treated with **AISER® Biosyn-D** technology, which allows for a **reliable** extra-sinus osseointegration.

The tip of the implant is rounded for a **safe** insertion.



Universal Prosthetic Platform

One connection for every Ø

Ø 3,5 mm	Ø 4,2 mm	L
CE35V30	CE42G30	30 mm
CE35V32	CE42G32	32,5 mm
CE35V35	CE42G35	35 mm
CE35V37	CE42G37	37,5 mm
CE35V40	CE42G40	40 mm
CE35V42	CE42G42	42,5 mm
CE35V45	CE42G45	45 mm
CE35V47	CE42G47	47,5 mm
CE35V50	CE42G50	50 mm
CE35V52	CE42G52	52,5 mm
CE35V55	CE42G55	55 mm
CE35V57	CE42G57	57,5 mm
CE35V60	CE42G60	60 mm

CEOS 3,5:
Ø 3,5 mm Fixture - 4,2 mm Collar

CEOS 4,2:
Ø 4,2 mm Fixture - 4,2 mm Collar

Specifications:

AISER® Ceos design: Endosseous, Biphasic, single-coil, with wide pitch and thread

AISER® Conical Link System connection: internal, conical hexagonal connection, with conical and screwed implant-prosthetic junction.

AISER® Biosyn-D surface: nano-porous, nano-rough, highly oxidized, therefore surface osteoinductive, osteoconductive and chemically stable.

AISER® Conical Link System

The reliability of a conical connection and the semplicity of a screwed solution.

AISER® Conical Link System is designed with the fusion of two concepts in mind:
Reliability of a conical connection and Ease of Use of a single-connection system created for daily

Practicality and Reliability, to provide professionals with only the best.

The vast array of **AISER® Conical Link System** screws and abutments satisfies any and every prosthetic need, maintaining the simplicity of a single-connection system.

// Characteristics

All components are created with the most **resistant and reliable** of biocompatible titanium alloys.

The Implant-Prosthetic junction is built, for every component, with an internal hexagonal connection with double pairing: conical and screwed in.

The design of all components has been studied to ensure maximum integration performance with the mucous tissue.



Multi-Unit
Abutment



Esthetic
Abutment



Healing
Abutment



Multi-Unit Abutment

Conical Connection

MULTI-UNIT ABUTMENT

A**ISER® Multi Unit Abutments** are designed for single or multiple implan-tprosthetic rehabilitation, screwed, with immediate or deferred load. Their design is meant to ease the place-ment procedure and to avoid tissue compression, even in heavily inclined rehabilitations.

The “goblet” shape is meant for platform switching granting great soft tissue trophism, natural aesthetics, and long-term reliability of the rehabilitation.

The conical connection, paired with a screw mechanism and an extraction mechanism, is a guarantee of long term reliability and easiness in the placement and removal of the abutment.

AISER® MUA is available in a wide range of angles, making it a perfect solution for multiple or full dental arch rehabilitations.





Ø **Prosthetic Platform - 5 mm**

0°	
MUA00H1	H1 - 8,5 mm
MUA00H2	H2 - 9,5 mm
MUA00H3	H3 - 10,5 mm

60°	
MUA60H1	H1 - 7,7 mm
MUA60H2	H2 - 8,7 mm
MUA60H3	H3 - 9,7 mm









17°	30°	45°	53°	
MUA17H1	MUA30H1	MUA45H1	MUA53H1	H1 - 7,8 mm
MUA17H2	MUA30H2	MUA45H2	MUA53H2	H2 - 8,8 mm
MUA17H3	MUA30H3	MUA45H3	MUA53H3	H3 - 9,8 mm

Specifications:

The fixture-abutment pairing is an internal hexagon with double pairing system: screwed and conical.

The conical connection allows stable pairing at **30Ncm** torque on the fixing screw.

We provide all Abutments with their dedicated fixing screw, AISER® Universal Clinic Screw.



Esthetic Abutment Incisive

Conical Connection

ESTHETIC ABUTMENT

INCISIVE

AISER® Esthetics Abutments are designed for single or multiple implant-prosthetic rehabilitation, screwed, with immediate or deferred load.

Their design is meant to ease the placement and to avoid tissue compression.

The “goblet” shape is meant for platform switching granting great soft tissue trophism, natural aesthetics, and long-term reliability of the rehabilitation.

The conical connection, paired with a screw mechanism and an extraction mechanism, is a guarantee of long term reliability and easiness in the placement and removal of the abutment.



SMALL VERSION

0°	17°	25°	Ø - 4,5 mm
AB00H1SI	AB17H1SI	AB25H1SI	H1 - 12,7 mm
AB00H2SI	AB17H2SI	AB25H2SI	H2 - 13,7 mm
AB00H3SI	AB17H3SI	AB25H3SI	H3 - 14,7 mm



LARGE VERSION

0°	17°	25°	Ø - 5,5 mm
AB00H1LI	AB17H1LI	AB25H1LI	H1 - 12,7 mm
AB00H2LI	AB17H2LI	AB25H2LI	H2 - 13,7 mm
AB00H3LI	AB17H3LI	AB25H3LI	H3 - 14,7 mm

Specifications:

The fixture-abutment pairing is an internal hexagon with double pairing system: screwed and conical.

The conical connection allows stable pairing at **30Ncm** torque on the fixing screw.

We provide all Abutments with their dedicated fixing screw, AISER ® Universal Clinic Screw.



Esthetic Abutment Molar

Conical Connection

ESTHETIC ABUTMENT

MOLAR

AISER® Esthetics Abutments are designed for single or multiple implant-prosthetic rehabilitation, screwed, with immediate or deferred load.

Their design is meant to ease the placement and to avoid tissue compression.

The “goblet” shape is meant for platform switching granting great soft tissue trophism, natural aesthetics, and long-term reliability of the rehabilitation.

The conical connection, paired with a screw mechanism and an extraction mechanism, is a guarantee of long term reliability and easiness in the placement and removal of the abutment.



SMALL VERSION

0°	17°	25°	Ø - 4,5 mm
AB00H1SM	AB17H1SM	AB25H1SM	H1 - 12,8 mm
AB00H2SM	AB17H2SM	AB25H2SM	H2 - 13,8 mm
AB00H3SM	AB17H3SM	AB25H3SM	H3 - 14,8 mm



LARGE VERSION

0°	17°	25°	Ø - 5,5 mm
AB00H1LM	AB17H1LM	AB25H1LM	H1 - 12,8 mm
AB00H2LM	AB17H2LM	AB25H2LM	H2 - 13,8 mm
AB00H3LM	AB17H3LM	AB25H3LM	H3 - 14,8 mm

Specifications:

The fixture-abutment pairing is an internal hexagon with double pairing system: screwed and conical.

The conical connection allows stable pairing at **30Ncm** torque on the fixing screw.

We provide all Abutments with their dedicated fixing screw, AISER® Universal Clinic Screw.



Healing Abutment

HEALING ABUTMENT



Ø 3,5		
H1 - 8 mm	H2 - 10 mm	H3 - 12 mm
HAH1S	HAH2S	HAH3S

AISER® Healing Abutment is designed for the post-surgical healing phase, before deferred prosthetic-load.

The design is meant to ease the placement and to avoid tissue compression.

The “goblet” shape is meant for platform switching granting great soft tissue trophism, natural aesthetics, and long-term reliability of the rehabilitation.

AISER® Conical Link System

The reliability of a conical connection and the semplicity of a screwed solution.





Flat
Attachment



Flat Attachment

Conical Connection

FLAT ATTACHMENT

AISER® Flat Attachment is designed to anchor a removable prosthesis, working with a nylon/ Teflon component.

Their design is meant to ease the placement and to avoid tissue compression.

The “goblet” shape is meant for platform switching granting great soft tissue trophism, natural aesthetics, and long-term reliability of the rehabilitation.

The conical connection, paired with a screw mechanism and an extraction mechanism, is a guarantee of long term reliability and easiness in the placement and removal of the abutment.



Ø 3,9		
H1 - 8,5 mm	H2 - 9,5 mm	H3 - 10,5 mm
FAH1	FAH2	FAH3



Flat Attachment
Ball Attachment and Flat Attachment Kit
192ACN

Specifications:

The fixture-abutment pairing is an internal hexagon with double pairing system: screwed and conical.

The conical connection allows stable pairing at **30Ncm** torque on the fixing screw.

AISER® Conical Link System

The reliability of a conical connection and the semplicity of a screwed solution.





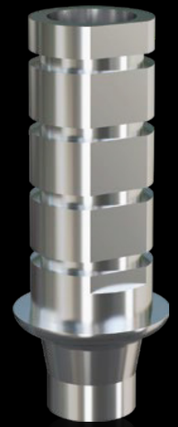
Ti Base
Abutment



MUA
Ti Base



Screws



Ti Base Abutment

Conical Connection

TI BASE ABUTMENT

AISER® Ti Base is an adaptable abutment, designed for single or multiple rehabilitation, with immediate or deferred load.

Their design is meant to ease the placement and to avoid tissue compression.

The “goblet” shape is meant for platform switching granting great soft tissue trophism, natural aesthetics, and long-term reliability of the rehabilitation.

The conical connection, paired with a screw mechanism and an extraction mechanism, is a guarantee of long term reliability and easiness in the placement and removal of the abutment.



ROTATING

Ø 4,5 mm	
TIBH1R	H1 - 11,5 mm
TIBH2R	H2 - 12,5 mm
TIBH3R	H3 - 13,5 mm



NOT ROTATING

Ø 4,5 mm	
TIBH1NR	H1 - 11,5 mm
TIBH2NR	H2 - 12,5 mm
TIBH3NR	H3 - 13,5 mm

Specifications:

The fixture-abutment pairing is an internal hexagon with double pairing system: screwed and conical.

The conical connection allows stable pairing at **30Ncm** torque on the fixing screw.



MUA Ti Base

MUA TI BASE - MUA HEALING CAP

AISER® Multi-Unit Abutment Ti Base and AISER® Multi-Unit Abutment Healing Cap are components meant to be used with A**ISER® Multi-Unit Abutment** 00°, 17°, 25°, 30°, 45°, 53° and 60°, and they connect through the **AISER® MUA Ti Base Screw**, universal for every MUA AISER unit.



MUA: 00°/17°/30°/45°/53°/60°

MUA
Ti Base

MUA-TIB



MUA
Ti Base Screw

MUA-TIBS



Screws

SCREWS

AISER® Conical Link System Screw Line consists of:

AISER® Cover Screw Screw cap

AISER® Universal Clincal Screw Universal screw used with all components of AISER® Conical Link System except for AISER® MUA Ti Base

AISER® Abutment Extractor Universal extractor for every AISER® Conical Link System conical connection component



Cover Screw	Universal Clinical Screw	Multi-Unit Abutment Extractor
CS	UCS	MUA-EX

AISER® Impression Components

Conometry reliability and semplicity in a screwed solution.





Scan Body



Transfer Open Tray



Analogs



Scan Body

SCAN BODY

AISER® Impression Materials Scan Body line consists of:

AISER® Scan Body Implant, which is used for the digital detection of the implant impression, both in the laboratory and in an intraoral site.

AISER® Scan Body MUA, which is used for the digital detection of the MUA implant impression at 00°, 17°, 25°, 30°, 45°, 53° and 60°, both in the laboratory and in an intraoral site.



Scan Body Implant

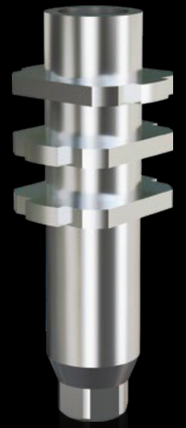
I-SB



MUA: 00°/17°/30°/45°/53°/60°

Scan Body MUA

MUA-SB



Transfer Open Tray

TRANSFER OPEN TRAY

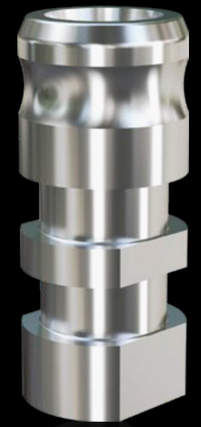
AISER® Transfer Open Tray is designed to detect the implant position and features in traditional impression systems.



H1 - 14 mm	H1 - 14 mm
TOT-SH1	TOT-H1



H2 - 18 mm	H2 - 18 mm
TOT-SH2	TOT-H2



Analogs

ANALOGS

AISER® Implant Analog is designed to track the implant position and features in the model creation process.

AISER® MUA Analog is designed to track the MUA position and features in the model creation process.






Ø 3,5 mm	Ø 4,3 mm	Ø 5,0 mm	Ø 5,5 mm
Implant Analog Violet	Implant Analog Grey	Implant Analog Blue	Implant Analog Yellow
IA35V	IA43G	IA50B	IA55Y



UNIVERSAL
Multi-Unit Abutment Analog
MUA-AN

Swiss Quality at its Peak.



AISER

Implant System

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