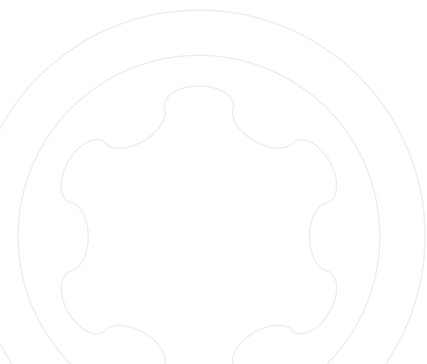




Product catalog
CERALOG[®] Implant System

Valid from January 2021



Content

System information

The CERALOG® Implant System	2
-----------------------------	---

Surgery

Planning	14
Implants	15
CERALOG® Surgery kit	16
Surgery instruments	18
General surgery instruments	20
Auxiliary surgery articles	23
Healing caps	23

Prosthetics

Impression taking	26
Temporary abutments	28
Abutments PEKK	28
CAD/CAM prosthetics	29
DEDICAM® – Customized CAD/CAM prosthetics	29
Accessories for abutments and healing caps	30
Prosthetic instruments	30
Selection abutments	31

Auxiliary articles

Macro model	32
Implants for practice	32

Auxiliary information

Materials	33
-----------	----

Service

The Ceramic Excellence Program	34
--------------------------------	----

Index

Alphabetical	36
Article numbers	38
Further Documentation	39

The CERALOG® Implant System

Reversibility

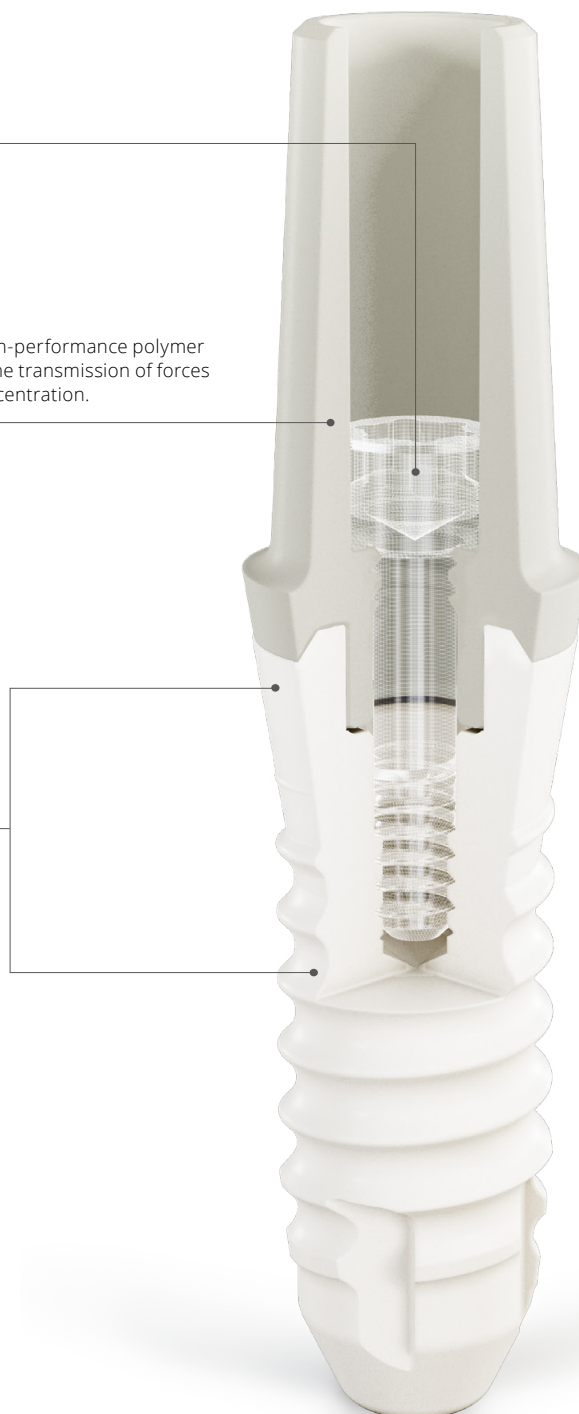
Reversibly screw-retained prosthetic solutions are possible with the CERALOG® Hexalobe implant - cemented or with hybrid crowns

Innovative PEKK abutments

The innovative abutments made of the high-performance polymer PEKK are ductile. This results in damping the transmission of forces on the implant and reduces the stress concentration.

Dual surface

CERALOG® Implants feature a dual surface. The dual surface texture of CERALOG® is unique. For better adhesion of the soft tissue, the texture is less rough in the neck area than in the enossal area, which is optimized for osseointegration. This is made possible by the high-tech Ceramic Injection Molding (CIM) manufacturing process.



The demand for highly esthetic dental prostheses is increasing continuously. Here, the focus is on ceramic implant solutions with the highest level of biocompatibility. Zirconium dioxide is generally acknowledged to be highly compatible with soft tissues.

In 2006, the Swiss company AXIS biodental SA started the basic research that laid the groundwork for the development of high-performance zirconium dioxide implants in conjunction with Ceramic Injection Molding (CIM). In 2007 the first clinical studies commenced with some of the studies using the current material composition and surface texture. Marketing commenced with the one-piece Monobloc implant. The two-piece Hexalobe implant has been used successfully in the present configuration since early 2012.

Axis biodental SA has been part of CAMLOG Biotechnologies GmbH since 2016 and was fully integrated into the Camlog organization in 2019.

Monobloc implant
one-piece for the direct
cementation of restorations



Hexalobe implant
two-piece, for screw-
retainable CERALOG® and
DEDICAM® Abutments



Esthetic
Implants made of zirconium dioxide
are similar to natural teeth in their
ivory color and thus allow for highly
esthetic restorations.



**Customizable zirconia abutments and
healing caps made by DEDICAM®**
for exceptional esthetic results



Hexalobe connection
The ideal implant-abutment connection for
ceramic implants. The insertion forces are
introduced tangentially into the implant,
allowing a considerably higher torque than
can, for example, be transferred with a
hexagonal connection.

CERALOG® Hexalobe and CERALOG® Monobloc

From the implant to the crown: perfect red-white esthetics, like a natural tooth. Choices for therapy planning include the transgingival healing CERALOG® Monobloc implant as well as the both trans and subgingival healing two-piece CERALOG® Hexalobe implant. The sophisticated design, the screw-retainable Hexalobe abutments and the optimal combination of the necessary surgical instruments simplify the surgical and prosthetic application of the CERALOG® Implants. The inherent ivory-like color of zirconium dioxide allows for highly esthetic restorations.

The implants are available in three lengths (8, 10 and 12 mm) and one diameter (4 mm).



Monobloc

Implant diameter



4.0 mm

Implant lengths

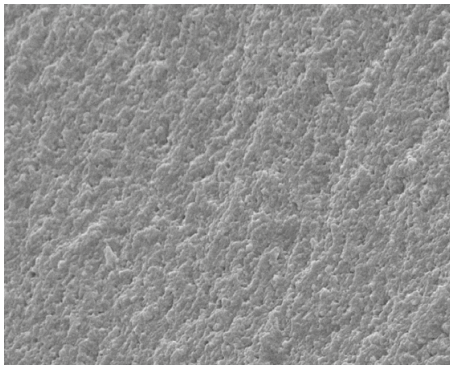
8 mm

10 mm

12 mm



Hexalobe



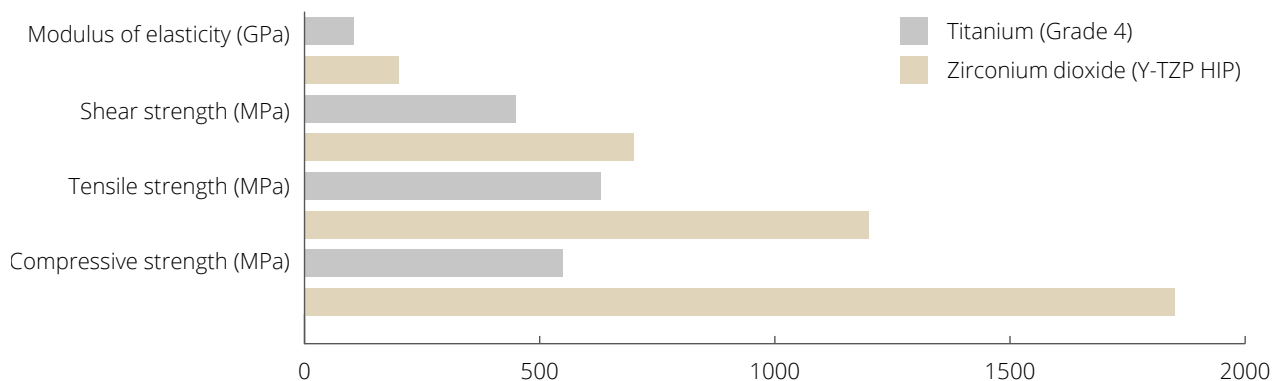
Internal structure of the zirconium dioxide implant (images: MEB, magnification 6000x)

The Y-TZP zirconium dioxide material

CERALOG® Implants consist of ultra-pure Yttrium stabilized tetragonal zirconium dioxide. They are manufactured by Ceramic Injection Molding (CIM). Here both the outer geometry as well as the surface texture are already created in a mold before the sintering and HIP process (HIP = Hot Isostatic Pressing). No abrasive treatment of the zirconium dioxide is necessary during this process. Only few companies worldwide are capable of managing this high-tech manufacturing process.

100% quality control: every single implant is tested optically, dimensionally and with appropriate mechanical loading in a controlled process.

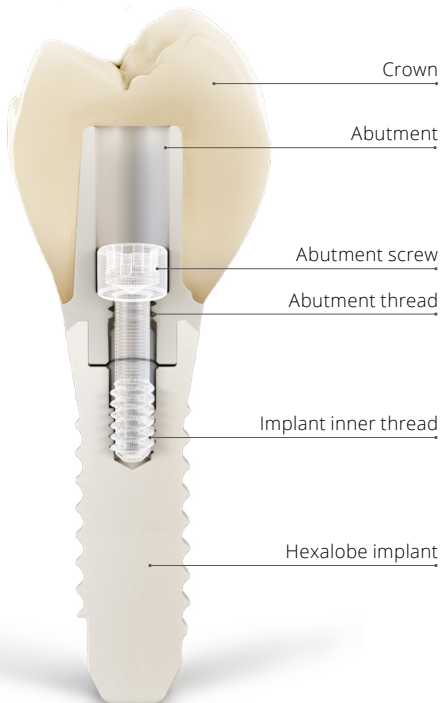
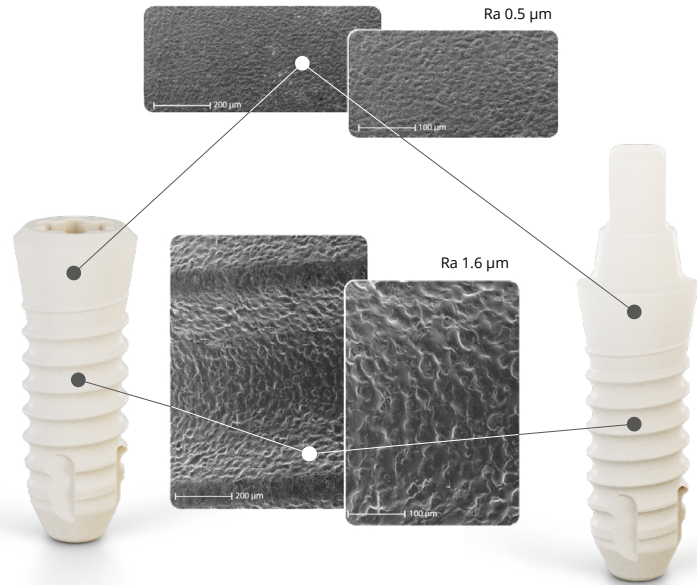
Mechanical properties of zirconium dioxide from the cim process compared to titanium



The dual surface texture

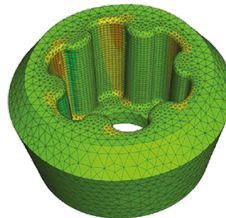
The dual surface texture of CERALOG® combines two defined roughnesses on a single implant - without postprocessing.

The enossal area of the implant body is provided with a micro-roughness with an Ra value of 1.6 µm to enable targeted deposition of bone cells. The neck area of the implant has a lower degree of roughness with an Ra value of 0.5 µm, which additionally optimizes the deposition of soft tissue.



The hexalobe implant abutment connection

Esthetics, quality of life and patient satisfaction are largely based on the prosthetic elements. The optimal implant-abutment connection is of significant relevance for the long-term stable success of the restoration. The CERALOG® Hexalobe connection has been designed and optimized specifically for ceramic materials. Forces are transferred tangentially and enable optimal distribution of forces and rotational stability.



Advantages and benefits – Implant abutment connection

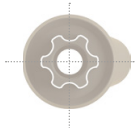
- High level of user safety thanks to the connection design
- High positioning precision due to minimal rotational freedom
- Simple and safe abutment positioning
- Material-compatible force transfer when inserting the CERALOG® Hexalobe implant
- Customizable abutments and healing caps made by DEDICAM®



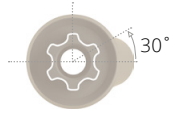
Type A
Cam alignment in direction of the angle



Type B
Cam alignment with 30° offset



Type A



Type B

CERALOG® Abutments

The CERALOG® Implant System comprises straight and 15° angled abutments (types A and B) made of the high performance poly ether ketone (PEKK). The definitive fixation of the abutments in the implant is performed either with a titanium or gold abutment screw. The material is easy to process with conventional abrasives.



PEKK high performance polymer

Poly ether ketone (PEKK) belongs to the poly aryl ether ketone (PAEK) family. These high performance thermoplastics are designed for extreme stress and are therefore employed in automotive engineering, the aerospace industry as well as medical engineering. Due to their chemical structure they offer excellent tensile strength, elasticity and resistance to hydrolysis. In addition to its long-standing use in orthopedics, PEKK also covers a broad spectrum of indications in dentistry. For example, in restorations where stress shielding is to be reduced to a minimum. The ductility of PEKK reduces the stress factor on the implant.

Biocompatibility and sterilization of PEKK

The biocompatibility of PEKK implant material was established by Oxford Performance Materials Inc. for long-term implantation in accordance with the ISO 10993-1 standard. Components made of PEKK can be sterilized in conventional steam sterilizers.



PEKK versus PEEK

The familiar high performance polymer poly ether ether ketone (PEEK) has been employed in dentistry for many years for temporary restorations, for scanning and as impression posts. This also belongs to the PAEK group of polymers (poly aryl ether ketone).

The major advantage of PEKK over PEEK is the higher creep resistance and its contour retention under stress loading.

	PEKK	PEEK
Modulus of elasticity (GPa)	4.5	4.1
Tensile strength (MPa)	138	100
Transversal strength (MPa)	193	165
Compressive strength (MPa)	207	135
Elongation at break (%)	> 30	40
Melting temperature (°C)	360	340
Water absorption after 24h (%)	< 0.2	0.5
Density (g/cm ³)	1.3	1.3

CERALOG® components for soft tissue management

The CERALOG® Hexalobe implant set includes a cover cap which is inserted in the Hexalobe connection for the duration of the healing period. As an option, the implant can be covered with a cover screw. Healing caps in two heights and two diameters as well as a temporary abutment are available for soft tissue shaping. These components are made of PEEK and may only be used for a limited time.



CERALOG® Implant impression taking

Impressions of CERALOG® Hexalobe implants can be taken with both with the closed and open impression methods using an impression post. Impressions of the CERALOG® Monobloc implants are taken via the pick-up method with an impression cap. The impression components are made of PEEK.

The Hexalobe lab analog is made of zirconia. The Monobloc lab analog is made of steel.



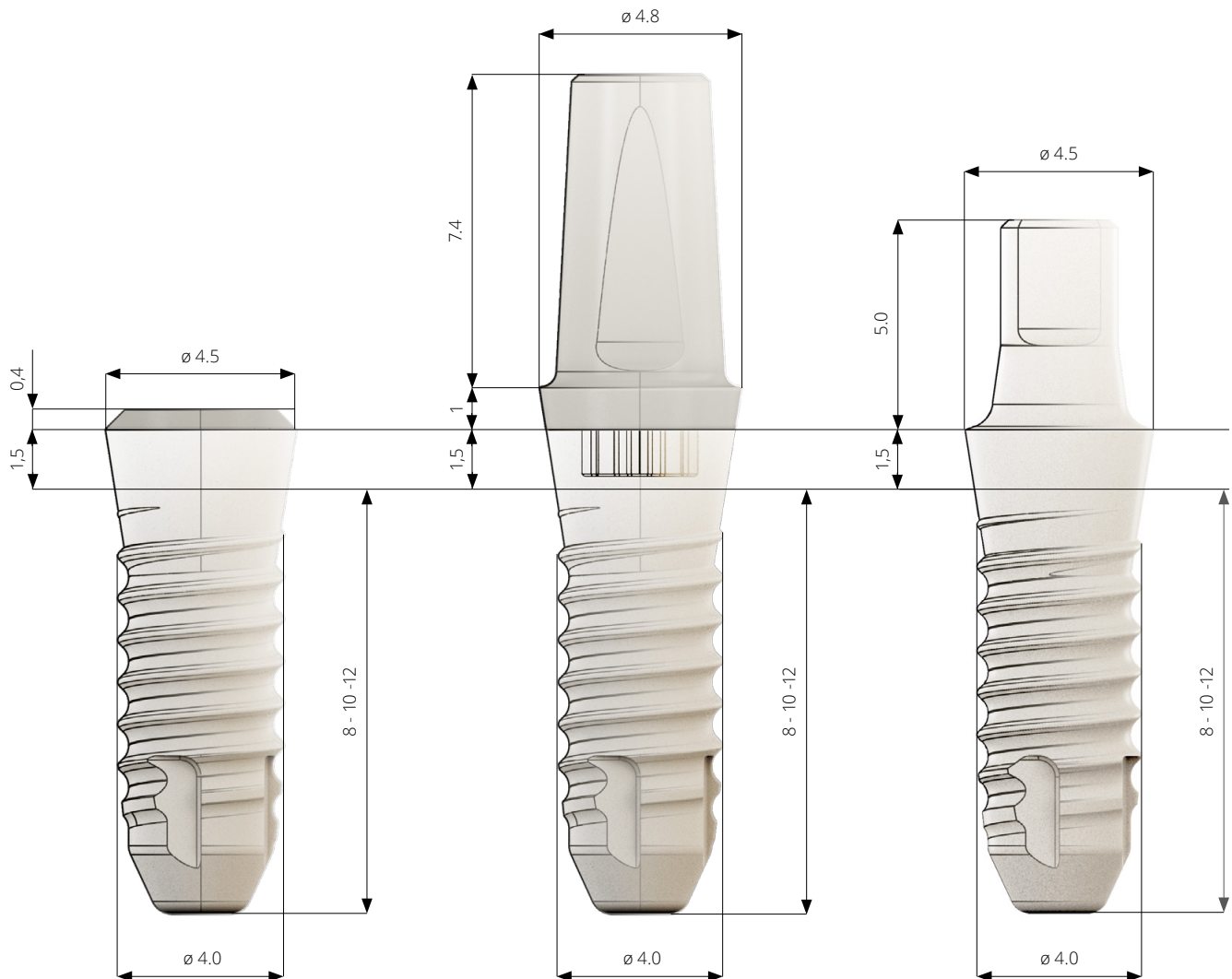
CERALOG® Surgery

The CERALOG® Hexalobe and CERALOG® Monobloc implants have a 1.5 mm high implant neck which is positioned supracrestally. The implant neck of the Hexalobe implant can also be placed epicrestally by using a bone profile drill and corresponding deepening of the implant bed.

The CERALOG® Surgical kit contains all components necessary for the insertion of the implants.

Note

Dimensions in millimeters (mm).



CERALOG® Hexalobe Implant

CERALOG® Hexalobe Implant
with mounted PEKK abutment

CERALOG® Monobloc Implant

Explanation of symbols

	CE-label
	Consult instructions for use
	Caution, observe the warning notices
	Medical Device
	Article number
	Lot number
	Sterilized using irradiation
	Single sterile barrier system with protective packaging outside
	Non-sterile
	Date of manufacture
	Use-by date
	Do not resterilize
	Do not reuse
	Do not use if package is damaged
	Keep away from sunlight
	Temperature limit
	Sterilizable up to 134 °C
	Maximum speed Maximum torque
	Manufacture
	MR-Conditional
	Caution: US Federal law restricts this device to sale by or on the order of a dentist or physician.

Explanation of abbreviations

\emptyset	Diameter
E \emptyset	Endosseous diameter
G \emptyset	Gingival diameter
PP \emptyset	Prosthetic platform diameter
L	Length
GH	Gingival height
PEEK	Poly ether ether ketone
PEKK	Poly ether keton keton
POM	Polyoxymethylene
PPSU	Polyphenylsulfone

General safety instructions and warnings

The descriptions in this product catalog are not sufficient to allow immediate use of the CERALOG® Implant System. Instruction by a surgeon experienced in using the CERALOG® Implant System is strongly recommended.

Not all Camlog products and services are available in all countries.

Packaging units: unless described otherwise, each pack contains one product.

The images in this document are for reference purposes only and may differ from the actual product.

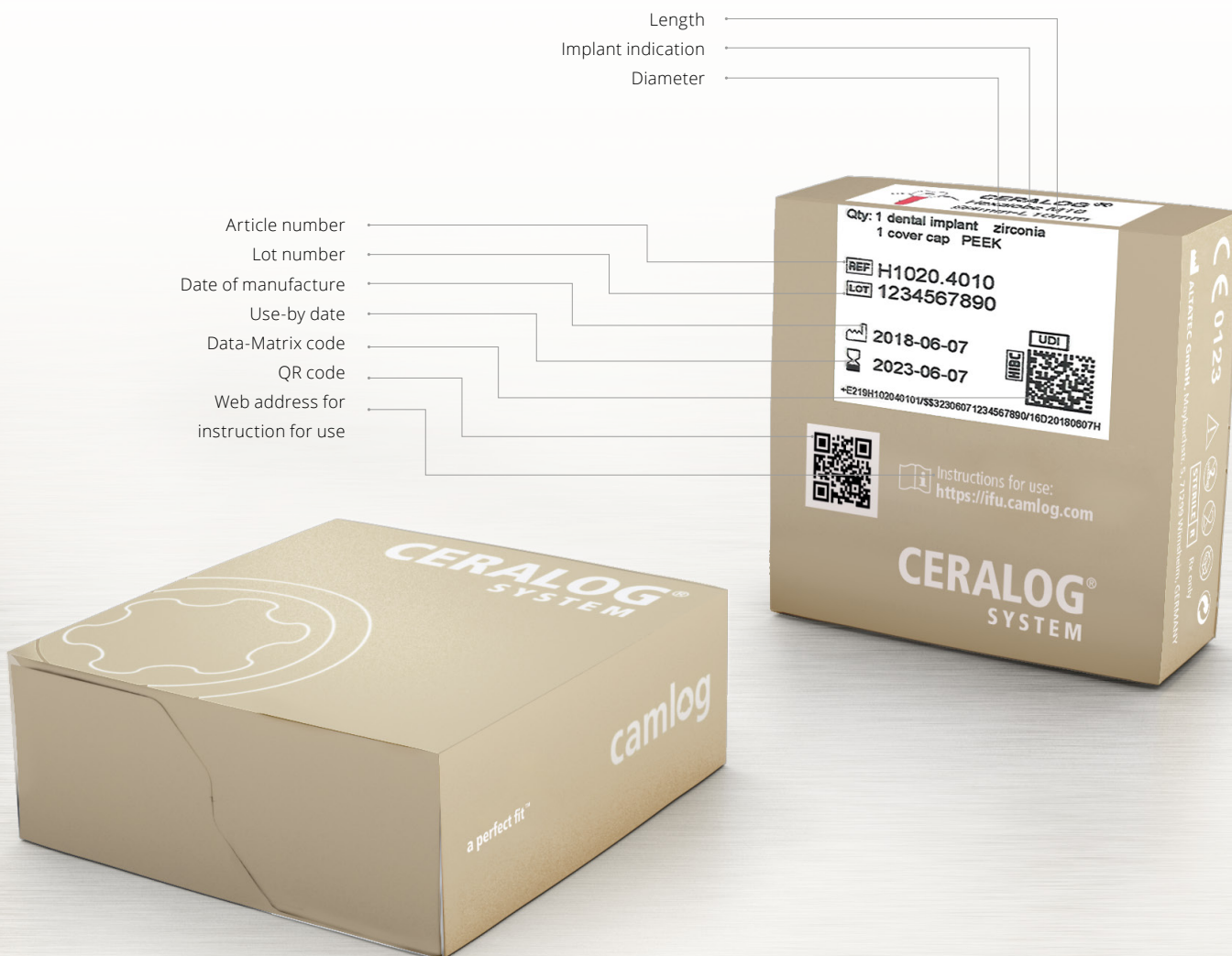
Outer implant packaging (secondary packaging)

Sealed, folding box with product label

Inner implant packaging (primary packaging)

Sealed

Example of product label for outer implant packaging







Planing

X-Ray Planning foils

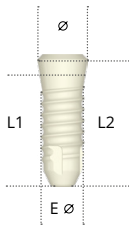
	Article	Art. No.	Ø
<p>X-RAY PLANNING FOIL CERALOG[®] SYSTEM Hexalobe Implant EPICRESTAL[®] protocol 13.25 mm, 11.25 mm, 9.25 mm, 0 mm, 0.4 mm, 0.4 mm, 0.3 mm Hexalobe and Monobloc Implant SUPRACRESTAL[®] protocol 12 mm, 10 mm, 8 mm, 0 mm, 0.4 mm, 0.4 mm, 0.3 mm ACTUAL SIZE 1:1 25% MAGNIFICATION 1.25:1 40% MAGNIFICATION 1.4:1 REF: H5300.9001 REF: H5300.9002 REF: H5300.9011 MANUFACTURER ALZATEC GmbH Maybachstr. 5 71299 Winnenden Germany CE 01000 001 0101000</p>	<p>CERALOG[®] X-Ray Planning foil for CERALOG[®] Hexalobe and Monobloc implants</p>	H5300.9001	-

CT-Planning

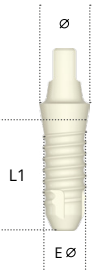
for 3D X-RAY planning and drilling template

	Article	Art. No.	L
	<p>CT-tube for drill Ø 2.0 mm, corrugated tubing, (10 units) internal diameter 2.1 mm external diameter 2.5 mm</p> <p>Material Titanium alloy</p>	A2002.2000	4.0 mm 10.0 mm
	<p>Drill for CT-tube (for A2002.2000) Ø 2.6 mm</p> <p>Material Stainless steel</p>	A2050.2600	-

CERALOG® Hexalobe Implants

	Article	Type	Art. No.	Ø	L1	L2	E Ø
	CERALOG® Hexalobe implant incl. cover cap, sterile Material Zirconia/PEEK	M8	H1020.4008	4.5 mm	8 mm	9.25 mm	4.0 mm
		M10	H1020.4010		10 mm	11.25 mm	
		M12	H1020.4012		12 mm	13.25 mm	

CERALOG® Monobloc Implants

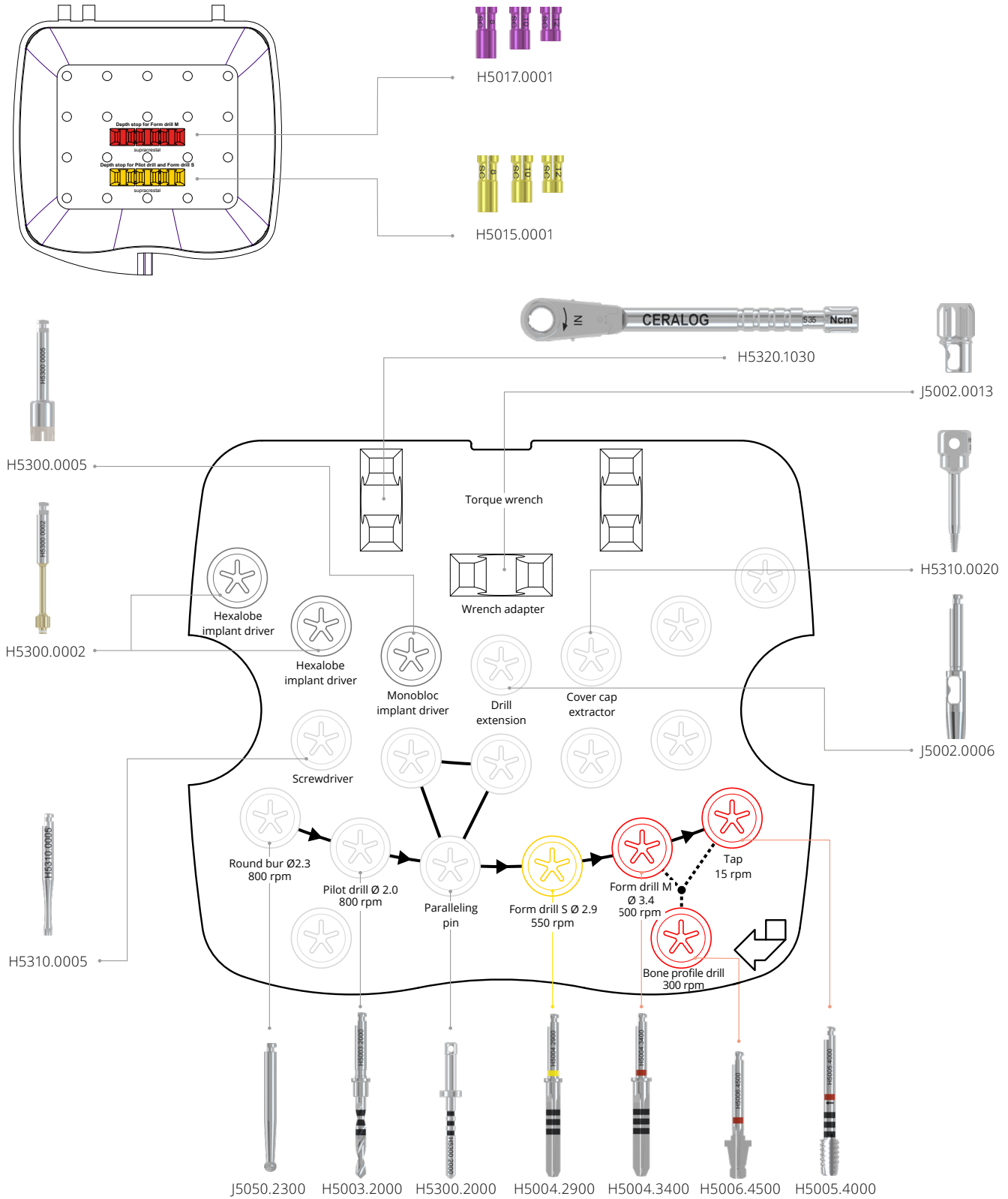
	Article	Type	Art. No.	Ø	L1	E Ø
	CERALOG® Monobloc implant sterile Material Zirconia	M8	A1074* H1010.4008**	4.5 mm	8 mm	4.0 mm
		M10	H1010.4010		10 mm	
		M12	A1076* H1010.4012**		12 mm	

L1: Supracrestal insertion depth
L2: Epicrestal insertion depth

* Manufacturer: AXIS biodental SA, Les Rosées 5, 2336 Les Bois, Switzerland
** New article number available from end of Q3/2021



Surgical kit for CERALOG® Implants





The sterilizable surgical kit includes all the instruments necessary for standard implant bed preparation.








CERALOG®

Surgical kit


	Article	Art. No.
 A white plastic surgical kit case with a grey lid, open to reveal various surgical instruments including a torque wrench and several screws of different sizes and colors (blue, red, yellow) held in place by blue and red clips.	<p>CERALOG® Surgical kit contains all necessary surgical instruments, incl. torque wrench</p>	<p>H5300.0150</p>
 A white plastic surgical tray case with a grey lid, open to show the internal compartments and clips (blue and red) used to hold instruments in place. The tray is empty of any instruments.	<p>CERALOG® Surgical tray without content</p>	<p>H5300.8950</p>

	Article	Art. No.	Ø	L
	<p>Round bur resterilizable</p> <p>Material Stainless steel</p>	J5050.2300	2.3 mm	26.5 mm
	<p>Point drill resterilizable</p> <p>Material Stainless steel</p>	B1012*	1.5 mm	30 mm
	<p>Pilot drill without coil, resterilizable</p> <p>Material Stainless steel</p>	J5051.2003	2.0 mm	38.5 mm
	<p>Pilot drill resterilizable</p> <p>Material Stainless steel</p>	H5003.2000	2.0 mm	34 mm





* Manufacturer: AXIS biodental SA, Les Rosées 5, 2336 Les Bois, Switzerland

	Article	Art. No.	Ø	L
	Form drill S, M resterilizable Material Stainless steel	H5004.2900	2.9 mm	34 mm
		H5004.3400	3.4 mm	
	Bone profile drill resterilizable Material Stainless steel	H5006.4500	4.4 mm	26.5 mm
	Tap M resterilizable Material Stainless steel	H5005.4000	4.0 mm	31 mm
	Depth stop set for pilot drill and form drill S resterilizable Material Titanium alloy	H5015.0001	-	8/10/12 mm
	Depth stop set for form drill M resterilizable Material Titanium alloy	H5017.0001	-	8/10/12 mm





General surgical instruments

	Article	Art. No.	Ø	Dimensions
	Drill extension ISO shaft resterilizable Material Stainless steel	J5002.0006	4.0 mm	26.5 mm
	Tissue punch resterilizable Material Stainless steel	B1010*	4.0 mm (int) 5.0 mm (ext)	23 mm
 <p>4.5 mm</p>	Paralleling pin resterilizable Material Titanium alloy	H5300.2000	2.0 mm	28 mm


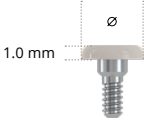
* Manufacturer: AXIS bidental SA, Les Rosées 5, 2336 Les Bois, Switzerland

	Article	Art. No.	Ø	Dimensions
	<p>Hexalobe implant driver resterilizable</p> <p>Material Stainless steel/Silicone</p>	H5300.0002	-	27 mm
	<p>Monobloc implant driver resterilizable</p> <p>Material Stainless steel/PEEK</p>	H5300.0005	-	25 mm
	<p>Cover cap extractor, short resterilizable</p> <p>Material Stainless steel</p>	H5310.0010	-	17 mm
	<p>Cover cap extractor, long resterilizable</p> <p>Material Stainless steel</p>	H5310.0020	-	25 mm

General surgical instruments

	Article	Art. No.	Ø	Dimensions
 <p>A long, slender torque wrench with a circular handle at the bottom and a hexagonal tip at the top. The handle has 'CERALOG' printed vertically and a torque scale with 'Ncm' and '5.35' markings. A 'ZE' logo with a curved arrow is on the handle.</p>	<p>Torque wrench resterilizable</p> <p>Material Stainless steel</p>	H5320.1030	-	86 mm
 <p>A small, cylindrical metal adapter with a hexagonal end and a circular opening on the side.</p>	<p>Adapter for torque wrench resterilizable</p> <p>Material Stainless steel</p>	J5002.0013	-	11 mm
 <p>A long, thin screwdriver shaft with a hexagonal tip and a small circular feature near the base.</p>	<p>Screwdriver ISO-shaft, long resterilizable</p> <p>Material Stainless steel</p>	H5310.0005	-	25 mm
 <p>A shorter, thin screwdriver shaft with a hexagonal tip and a small circular feature near the base.</p>	<p>Screwdriver ISO-shaft, short resterilizable</p> <p>Material Stainless steel</p>	H5310.0006	-	17.5 mm

Auxiliary surgical articles

	Article	Art. No.	Ø	Dimensions
	Cover cap sterile Material PEEK	H2020.4505	4.5 mm	0.9 mm
	Cover screw sterile Material PEEK/Titanium alloy	H2019.4508	4.5 mm	1.0 mm

Healing caps

	Article	Art. No.	Ø	GH
	Healing cap incl. titanium abutment screw sterile Material PEEK/Titanium alloy	H2020.4525	4.5 mm	3.0 mm
		H2020.4540	5.0 mm	4.4 mm



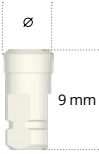

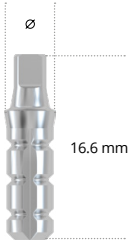
A gold abutment screw (H4011.1600) can be ordered as an alternative to the titanium abutment screw.





Impression taking

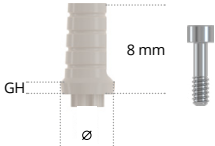
	Article	Art. No.	Ø
	<p>Hexalobe Impression post open tray, long incl. fixing screw, sterile</p> <p>Material PEEK/Titanium alloy</p>	H2121.4550	4.8 mm
	<p>Hexalobe Impression post open tray, short incl. fixing screw, sterile</p> <p>Material PEEK/Titanium alloy</p>	H2122.4550	4.8 mm
	<p>Hexalobe Impression post closed tray incl. fixing screw, impression cap and bite registration cap</p> <p>Material PEEK/Titanium alloy/POM</p>	H2120.4550	4.8 mm
	<p>Monobloc Impression cap closed tray incl. impression cap and bite registration cap</p> <p>Material PEEK/POM</p>	H2110.4550	5.0 mm

	Article	Art. No.	Ø
	<p>Impression caps for impression post and impression cap, closed tray (5 units)</p> <p>Material POM</p>	J2111.4300	-
	<p>Bite registration caps (5 units)</p> <p>Material POM</p>	J2112.4300	-
	<p>Hexalobe lab analog for printed and casted models</p> <p>Material Zirconia</p>	H3020.4500	4.5 mm
	<p>Handle for Hexalobe lab analog for printed models</p> <p>Material Stainless steel/PEEK</p>	H3025.0010	3.4 mm
	<p>Monobloc lab analog for casted models</p> <p>Material Stainless steel</p>	D1037* H3010.4500**	4.5 mm

* Manufacturer: AXIS biodental SA, Les Rosées 5, 2336 Les Bois, Switzerland

** New article number available from end of Q3/2021

Temporary abutments

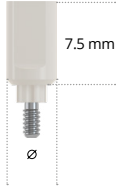
	Article	Art. No.	Ø	GH
	Temporary abutment incl. titanium abutment screw Material PEEK/Titanium alloy	H2221.4500	4.8 mm	1.0 mm

Abutments PEKK



	Article	Art. No.	Ø	GH
	PEKK abutment, straight incl. titanium abutment screw Material PEKK/Titanium alloy	H2231.4580	4.8 mm	1.0 mm
	PEKK abutment, 15° angled, Type A incl. titanium abutment screw Material PEKK/Titanium alloy	H2233.4580	4.8 mm	1.0 mm
	PEKK abutment, 15° angled, Type B incl. titanium abutment screw Material PEKK/Titanium alloy	H2234.4580	4.8 mm	1.0 mm

A gold abutment screw (H4011.1600) can be ordered in addition to the titanium abutment screw

CAD/CAM Prosthetics

	Article	Art. No.	Ø
	CERALOG® Scanbody incl. titanium abutment screw, sterile Material PEEK/Titanium alloy	H2610.4580	4.5 mm

DEDICAM® – Customized CAD/CAM prosthetics




	Article	Ø	Color
	DEDICAM® Healing cap for CERALOG® Hexalobe implant incl. abutment screw Material Zirconia	3.6 mm	*pure white
			*stained
	DEDICAM® Abutment for CERALOG® Hexalobe implant incl. abutment screw Material Zirconia	3.6 mm	*pure white
			*stained

* Pure white corresponds to VITA shade guide BL1 - 4, stained corresponds to VITA shade guide A1/A2.


Note: The DEDICAM® Healing cap and the abutment are each supplied with an abutment screw. This is available in either gold or titanium alloy and is charged separately.

DEDICAM® Services are not available in all countries. Please ask your local Camlog representative for details. Available for registered DEDICAM® Customers.

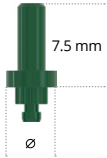
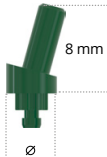
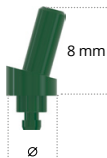
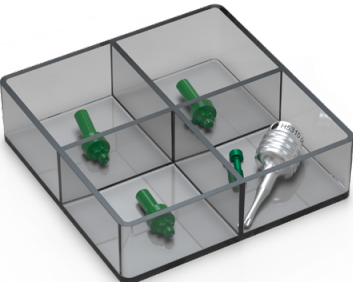
Accessories for abutments and healing caps

	Article	Art. No.	Thread
 <p>7.4 mm</p>	<p>Titanium abutment screw for definitive screw retention into the implant</p> <p>Material Titanium alloy</p>	H4001.1600	M1.6
 <p>7.4 mm</p>	<p>Gold abutment screw for definitive screw retention into the implant</p> <p>Material Holisticor</p>	H4011.1600	M1.6
 <p>7.4 mm</p>	<p>Lab screw for the fixation on the working model, green anodized</p> <p>Material Titanium alloy</p>	H4002.1600	M1.6


Prosthetic instruments

	Article	Art. No.	L
 <p>H5310.0001</p>	<p>Lab screwdriver</p> <p>Material Stainless steel</p>	H5310.0001	22 mm

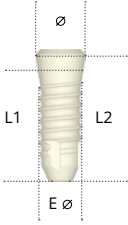
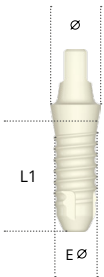
Selection abutments

	Article	Art. No.	Ø
	<p>Selection abutment, straight</p> <p>Material PPSU</p>	H3511.4580	4.5 mm
	<p>Selection abutment, 15° angled, Type A</p> <p>Material PPSU</p>	H3513.4580	4.5 mm
	<p>Selection abutment, 15° angled, Type B</p> <p>Material PPSU</p>	H3514.4580	4.5 mm
	<p>CERALOG® Prosthetic planning kit incl. lab screw, lab screwdriver, selection abutment straight, selection abutment 15° angled, type A and type B</p> <p>Material PPSU/Titanium alloy/Stainless steel</p>	H3500.0001	-

Macro model

	Article	Art. No.
	<p>CERALOG® Macro model Scale: 3:1</p> <p>Content: CERALOG® Hexalobe implant CERALOG® Monobloc implant 1 PEKK Abutment 1 Abutment screw 1 Lab screwdriver</p> <p>Material Plastic/Stainless steel</p>	<p>H8010.1010</p>

Implants for practice

	Article	Art. No.	Ø	L1	L2	E Ø
	<p>CERALOG® Hexalobe implant for practice M10 incl. cover cap</p> <p>Material Zirconia/PEEK</p>	<p>H1029.4010</p>	<p>4.5 mm</p>	<p>10 mm</p>	<p>11.25 mm</p>	<p>4.0 mm</p>
	<p>CERALOG® Monobloc implant for practice M10</p> <p>Material Zirconia</p>	<p>H1019.4010</p>	<p>4.5 mm</p>	<p>10 mm</p>	<p>-</p>	<p>4.0 mm</p>

L1: Supracrestal insertion depth
L2: Epicrestal insertion depth

Materials

Zirconia – Y-TZP

Properties (ISO 13356)		
Chemical structure (in %):	ZrO ₂ + HfO ₂ + Y ₂ O ₃	≥ 99.0
	Y ₂ O ₃	4.5 < ... ≤ 6.0
	HfO ₂	≤ 5
	Al ₂ O ₃	≤ 0.5
	other oxides	≤ 0.5
Mechanical properties:	Transversal strength	≥ 800 MPa
	Microstructure Median grain size	≤ 0.4 μm
Physical properties:	Density	≥ 6 g/cm ³
	Radioactivity	≤ 200 Bq/kg

PEKK

Properties		
Mechanical properties:	Tensile strength (MPa)	138 MPa
	Transversal strength (MPa)	193 MPa
	Compressive strength (MPa)	207 MPa
	Elongation at break	> 30%
Physical properties:	Melting temperature	360 °C
	Density	1.3 g/cm ³
	Water absorption after 24h	< 0.2 %
	Modulus of elasticity	4.5 GPa

PEEK

Properties		
Mechanical properties:	Tensile strength (MPa)	100 MPa
	Transversal strength (MPa)	165 MPa
	Compressive strength (MPa)	135 MPa
	Elongation at break	40 %
Physical properties:	Melting temperature	340 °C
	Density	1.3 g/cm ³
	Water absorption after 24h	0.5 %
	Modulus of elasticity	4.1 GPa

Titanium alloy Ti6Al4V ELI

Properties (ASTM F136)		
Chemical structure (in %):	Al	5.5–6.5
	V	3.5–4.5
	Fe	≤ 0.25
	C	≤ 0.08
	N	≤ 0.05
	O	≤ 0.13
	H	≤ 0.012
	Ti	Rest
Mechanical properties:	Tensile strength	≥ 860 MPa
	Elongation at break	≥ 10 %

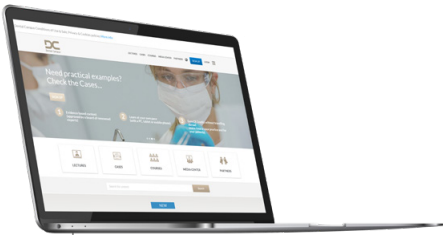
Holisticor

Properties		
Chemical structure (in %):	Precious metal content (Au, Pt, Pd, Rh)	74.5%
	Au	61%
	Ag	16.5%
	Pt	13.5%
	Cu	9.0%
Mechanical properties:	Hardness HV5	> 250
	Tensile strength (Rm)	> 800 MPa
	0.2% Elongation limit (Rp 0.2%)	> 700 MPa
	Elongation at break	> 6%
Physical properties:	Melting range	950–1050 °C
	Density	15.7 g/cm ³
	Modulus of elasticity	96 GPa
	Color	Light Yellow

THE CERAMIC EXCELLENCE PROGRAM – The virtual expert training

Meet our experts whenever you have the time!

Presentations ranging from theoretical to practical approaches to solutions - available online at any time.



Learn all about the science behind ceramic implants



Planning and inserting your first CERALOG® Ceramic Implant



Benefit from the experience of our renowned experts



Enjoy flexible on-demand training



Interact live in the Virtual Classroom with experts and the other participants



Make sure to get your 11 CE further education credits

11 CE
CREDITS

virtual live
interaction between
participants and
experts



Register now!

<https://www.dental-campus.com/lounges/camlog-lounge>

Index Alphabetical

A		I	
Adapter for torque wrench	22	Impression caps	27
B		L	
Bite registration caps	27	Lab screw	30
Bone profile drill	19	Lab screwdriver	30
C		M	
CT-tube	14	Macro model	32
Cover cap extractor, short	21	Monobloc impression cap closed tray	26
Cover cap extractor, long	21	Monobloc implant	15
Cover cap	23	Monobloc implant driver	21
Cover screw	23	Monobloc implant for practice	32
D		Monobloc lab analog	27
DEDICAM® Abutment for CERALOG® Hexalobe Implant	29	P	
DEDICAM® Healing cap for CERALOG® Hexalobe Implant	29	Paralleling pin	20
Depth stop set for pilot drill and form drill S	19	PEKK abutment, 15° angled, Type A	28
Depth stop set for form drill M	19	PEKK abutment, 15° angled, Type B	28
Drill extension	20	PEKK abutment, straight	28
Drill for CT-tube	14	Pilot drill	18
F		Pilot drill without coil	18
Form drill S, M	19	Point drill	18
G		Prosthetic planning kit	31
Gold abutment screw	30		
H			
Handle for Hexalobe lab analog	27		
Healing cap	23		
Hexalobe impression post closed tray	26		
Hexalobe impression post open tray, long	26		
Hexalobe impression post open tray, short	26		
Hexalobe implant	15		
Hexalobe implant driver	21		
Hexalobe implant for practice	32		
Hexalobe lab analog	27		

R

Round bur 18

S

Scanbody 29

Screwdriver ISO-shaft, long 22

Screwdriver ISO-shaft, short 22

Selection abutment, 15° angled, Type A 31

Selection abutment, 15° angled, Type B 31

Selection abutment, straight 31

Surgical kit 17

Surgical tray 17

T

Tap M 19

Temporary abutment 28

Tissue punch 20

Titanium abutment screw 30

Torque wrench 22

X

X-Ray Planning foil 14

Index Article numbers

A2002.2000	CT-tube	14	H4001.1600	Titanium abutment screw	30
A2050.2600	Drill for CT-tube	14	H4002.1600	Lab screw	30
B1010	Tissue punch	20	H4011.1600	Gold abutment screw	30
B1012	Point drill	18	H5003.2000	Pilot drill	18
H1010.4008	Monobloc implant			Form drill	
A1074	M8, Ø 4.0 mm, L 8 mm	15	H5004.2900	S, Ø 2.9 mm	19
H1010.4010	M10, Ø 4.0 mm, L 10 mm	15	H5004.3400	M, Ø 3.4 mm	19
H1010.4012	M12, Ø 4.0 mm, L 12 mm	15	H5005.4000	Tap M	19
A1076		15	H5006.4500	Bone profile drill	19
H1019.4010	Monobloc implant for practice	32		Depth stop set for pilot drill and form drill S	19
	Hexalobe implant		H5015.0001		19
H1020.4008	M8, L 8 mm	15		Depth stop set for form drill M	19
H1020.4010	M10, L 10 mm	15	H5017.0001		19
H1020.4012	M12, L 12 mm	15	H5300.0002	Hexalobe implant driver	21
H1029.4010	Hexalobe implant for practice	32	H5300.0005	Monobloc implant driver	21
H2019.4508	Cover screw	23	H5300.0150	Surgical kit	17
H2020.4505	Cover cap	23	H5300.2000	Paralleling pin	20
H2020.4525	Healing cap, GH 3.0 mm	23	H5300.8950	Surgical tray (without content)	17
H2020.4540	Healing cap, GH 4.4 mm	23	H5300.9001	X-Ray Planning foil	14
H2110.4550	Monobloc impression cap, closed tray	26	H5310.0001	Lab screwdriver	30
H2120.4550	Hexalobe impression post closed tray	26	H5310.0005	Screwdriver ISO-shaft, long	22
H2121.4550	Hexalobe impression post, open tray, long	26	H5310.0006	Screwdriver ISO-shaft, short	22
H2122.4550	Hexalobe impression post, open tray, short	26	H5310.0010	Cover cap extractor, short	21
H2221.4500	Temporary abutment	28	H5310.0020	Cover cap extractor, long	21
	PEKK Abutment		H5320.1030	Torque wrench	22
H2231.4580	straight	28	H8010.1010	Macro model	32
H2233.4580	15° angled, Type A	28	J2111.4300	Impression caps	27
H2234.4580	15° angled, Type B	28	J2112.4300	Bite registration caps	27
H2610.4580	Scanbody	29	J5002.0006	Drill extension ISO shaft	20
H3010.4500	Monobloc lab analog		J5002.0013	Adapter for torque wrench	22
D1037		27	J5050.2300	Round bur	18
H3020.4500	Hexalobe lab analog	27	J5051.2003	Pilot drill without coil	18
H3025.0010	Handle for Hexalobe lab analog	27			
H3500.0001	Prosthetic planning kit	31			
	Selection abutment				
H3511.4580	straight	31			
H3513.4580	15° angled, Type A	31			
H3514.4580	15° angled, Type B	31			

Further documentation

Further information on the CERALOG® Products can be found in the following documents:

- CERALOG® Instruction for use
- CERALOG® Working instructions
- CERALOG® Preparation instructions

The documents are available from the local Camlog representative.

See also: www.camlog.com
<https://ifu.camlog.com>

Trademarks and copyright

Protected trade names (trademarks) are not always specially indicated. The absence of such an indication does not mean that this name is NOT a trademark. The document including all its parts is protected by copyright. You may download the content regarding the intended use, but changes to or reproduction of the content are not permitted. Any exploitation beyond the narrow limits of the copyright act is not permitted without prior written approval of CAMLOG Biotechnologies GmbH and is subject to legal sanctions.

CE0123

Art. No. J8001.0021 Rev. 02.01/2021



Headquarters

CAMLOG Biotechnologies GmbH | Margarethenstr. 38 | 4053 Basel | Switzerland
Phone +41 61 565 41 00 | Fax +41 61 565 41 01 | info@camlog.com | www.camlog.com

Manufacturer CERALOG® Products: ALTATEC GmbH | Maybachstr. 5 | 71299 Wimsheim | Germany
CERALOG® is a registered trademark in Germany
Manufacturer of all individualized DEDICAM® Products: ALTATEC GmbH | Maybachstr. 5 | 71299 Wimsheim | Germany

