

SERVICES
FOR DENTAL LABORATORIES

btk  Implanting Trust,
Smile Again!

CAD-CAM COMPONENTS

**ALL THE COMPATIBLE PRODUCTS
FOR DIGITAL DENTAL TECHNOLOGY**

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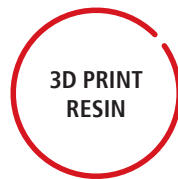
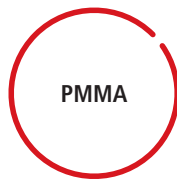
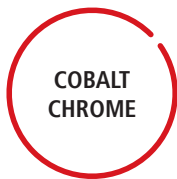
CAD-CAM

COMPONENTS

BTK CAD-CAM makes compatibility its point of excellence. Realizes prosthetic structures on a wide range of implant systems guaranteeing perfect compatibility with the original systems.

Our specialty is offering the widest range of solutions and services for all indications and clinical needs, such as screw-retained and cemented solutions for abutment-level and implant-level single and multiple restorations, bars, toronto bridges and screw-retained bridges with excellent passive fit levels. BTK libraries are completely open and can be used with the best CAD software (Exocad, 3shape, Dentalwings, Dental Cad, etc.).

MATERIALS USED



PRODUCTION PROCESSES



MILLING CENTRE

Semi-finished components of various materials for the dental sector can be made by means of milling processes and CAD-CAM technologies. The work flow entails scanning and digitalizing of the model, the check of the passive fit of the structure by probing and finally producing it in a highly precise and repeatable way with 5 axis machines. Available materials: Zirconium Oxide – PMMA – Titanium – Cobalt Chrome – PEEK



LASER MELTING

This is an additive production technique that uses micrometric powders and high-power laser to make the metal component, layer by layer. The production process features utmost precision and versatility and this allows to make metal parts with a complex geometry, which are difficult to make with conventional methods. Laser Melting is one of the most innovative technologies in the dental field for the production of single or multiple cemented prostheses. Thanks to its optimal porosity, stability and workability characteristics, the material produced is ideal for subsequent laboratory work.

Available materials: Cobalt Chrome and Grade 5 biocompatible Titanium

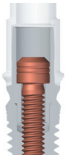


DIGITAL 3D PRINTING

By means of 3D resin printing processes, you can make directly from STL files guided surgery templates and top precision and quality dental and orthodontic models. Thanks to the completely digital work flow, models can be directly obtained from the intraoral scan and can be made with removable dies and calibrated holes for analogues. The resin characteristics permit to accurately locate sensitive anatomic structures (e.g.: alveolar nerve, maxillary sinuses, incisive canals, etc.).

Available material: Translucent acrylic resin

ACCESSORIES



CAD-CAM SCREWS

The design of the head of BTK CAD-CAM screws, together with the special milling of the screw canal, permit to achieve excellent passive fit levels of the screw-retained frameworks on implants. BTK CAD-CAM screws are characterized by a "flat head" geometry, where the joint between head and screw thread is at 90°. This design makes it easier to fasten the screws in case of multiple connections (implant bridge, Toronto bridge, bar) thereby guaranteeing the passive fit of the framework. Use the HEX 1.20 driver for retention screws.



BT LINK

The BT LINK titanium base can be used in the everyday work flow of the laboratory since it fits both modern CAD-CAM design and production techniques and conventional modeling and investment casting techniques. The product has been developed for the production of customized abutments, bridges and screw-retained frameworks using the gluing technique. The package contains the titanium base, the castable coping and the retentive screw. Product packages without the castable component are also available. Please contact the BTK CAD-CAM Milling service directly for information about currently available implant platforms.



EXTRA-ORAL SCAN ABUTMENT

BTK CAD-CAM offers a wide range of scan abutments for the fabrication of prosthetic components using the CAD-CAM technique. In the modeling phase, the acquisition and recognition of the scan abutment guarantee the correct positioning of the implant connection of the restoration. Please contact the BTK CAD-CAM Milling service directly for information about currently available implant platforms and about the compatibility of scan abutments with your scanner.



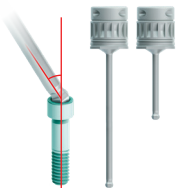
INTRA-ORAL SCAN ABUTMENT

BTK CAD-CAM provides scan abutments for impressions taken using an intraoral scanner. The CAD-CAM service permits to rapidly produce the prosthetic components with fully digital techniques. Please contact the BTK CAD-CAM Milling service directly for information about currently available implant platforms and about the compatibility of the scan abutments with your scanner.



COCR BASES

BTK CoCr bases have been developed for prosthetic restorations made with the cast-on technique. The CoCr base consists of an industrial metallic connection and a castable cylinder (the product package includes the retentive screw). BTK has implemented in its implant libraries CoCr bases with or without castable element to allow for both digital and conventional investment casting production processes. Please contact the BTK CAD-CAM Milling service directly for information about currently available implant platforms.



BT GRIP SOLUTIONS FOR TILTED HOLES

BTK offers a solution to maximize the aesthetic outcome of screw-retained restorations. The possibility of using BT GRIP components, screws and screw-drivers that have been specifically developed for this purpose, permits to design access holes for the retention screws, which are tilted with respect to the implant axis, thereby avoiding holes on the incisal edge or on the buccal aspect of the tooth. This solution permits to exploit all the advantages of screw-retained restorations compared with cemented prostheses. The BT GRIP system uses HEX 1.50 mm drivers and screws and permits to manage angulated screw channels with angles up to 25°. Please contact the BTK CAD-CAM Milling service directly for information about the compatibility of the screws with the implant platforms.

For more INFO write to: info@btk.dental

COMPATIBLE IMPLANT SYSTEMS

CODES OF READING	Company-Implant Line	Diameter	Connection Type	Compatible Conn. BTK
CON: conometric	INT: internal	EXT: external	ROT: rotating	MUA: Multi-unit abutment

	Retentive Screw	Retentive Screw BT-Grip	Castable Plastic Abut. BT Link	Titanium Base for BT LINK	Castable Plastic Abutment	Scan Abutment Extra-oral	Scan Abutment Intra-oral
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BIOMET 3I - Conico low profile									
/	MUA	BP	690NA078	/	246BP1A0	247BP1A0	205NA003.05	351BP1A0	352BP1A0
/	MUA ROT	BP			246BP1A1	247BP1A1		351BP1A1	352BP1A1

BIOMET 3I - Certain									
3.4	INT	IA	690NA212	690NA244	246IA1A0	247IA1A0	205NA001.05	351IA1A0	352IA1A0
4.1	INT	IB			246IB1A0	247IB1A0	205NA002.05	351IB1A0	352IB1A0
5	INT	IC			246IC1A0	247IC1A0	205NA005.05 205NA008.05	351IC1A0	352IC1A0
6	INT	ID			246ID1A0	247ID1A0	205NA006.05	351ID1A0	352ID1A0
3.4	INT ROT	IA			246IA1A1	247IA1A1	205NA001.05	/	/
4.1	INT ROT	IB			246IB1A1	247IB1A1	205NA002.05		
5	INT ROT	IC			246IC1A1	247IC1A1	205NA005.05 205NA008.05		
6	INT ROT	ID			246ID1A1	247ID1A1	205NA006.05		

BREDEnt - narrow SKY; BREDEnt - blue SKY; BREDEnt - SKY classic;									
3.5	INT	DB	690NA248	690NA249	246DB1A0	247DB1A0	205NA002.05	351DB1A0	352DB1A0
4	INT	DB							
4.5	INT	DB							
5.5	INT	DB							
3.5	INT ROT	DB			246DB1A1	247DB1A1		/	/
4	INT ROT	DB							
4.5	INT ROT	DB							
5.5	INT ROT	DB							

DENTSPLY (ASTRA TECH) - OsseoSpeed TX									
3.5	CON	KR	690NA083	690NA239	246KR1A0	247KR1A0	205NA001.05	351KR1A0	352KR1A0
4	CON	KR	690NA224	690NA246	246KA1A0	247KA1A0	205NA002.05	351KA1A0	352KA1A0
4.5	CON	KA							
5	CON	KA	690NA083	690NA239	246KR1A1	247KR1A1	205NA001.05	/	/
3.5	CON ROT	KR							
4	CON ROT	KR							
4.5	CON ROT	KA							
5	CON ROT	KA							
3.5	CON ROT	KA	690NA224	690NA246	246KA1A1	247KA1A1	205NA002.05	/	/

GEASS - Way Milano									
3.4	CON	KR	690NA083	690NA239	246KR1A0	247KR1A0	205NA001.05	351KR1A0	352KR1A0
3.8	CON	KR	690NA224	690NA246	246KA1A0	247KA1A0	205NA002.05	351KA1A0	352KA1A0
4.5	CON	KA							
5.5	CON	KA	690NA083	690NA239	246KR1A1	247KR1A1	205NA001.05	/	/
3.4	CON ROT	KR							
3.8	CON ROT	KR							
4.5	CON ROT	KA							
5.5	CON ROT	KA							
3.4	CON ROT	KA	690NA224	690NA246	246KA1A1	247KA1A1	205NA002.05	/	/

KEYSTONE - Restore									
3.3	EXT	EA	690NA092	690NA241	246EA1A0	247EA1A0	205NA001.05	351EA1A0	352EA1A0
5	EXT	EC	690NA181	690NA243	246EC1A0	247EC1A0	205NA008.05	351EC1A0	352EC1A0
3.3	EXT ROT	EA	690NA092	690NA241	246EA1A1	247EA1A1	205NA001.05	/	/
5	EXT ROT	EC	690NA181	690NA243	246EC1A1	247EC1A1	205NA008.05		

MIS IMPLANT - C1									
3.3	CON	CA	690NA280	690NA281	246CA1A0	247CA1A0	205NA001.05	351CA1A0	352CA1A0
3.75	CON	CB	690NA092	690NA241	246CB1A0	247CB1A0		351CB1A0	352CB1A0
4.2	CON	CB			246CC1A0	247CC1A0	205NA002.05	351CC1A0	352CC1A0
5	CON	CC	690NA280	690NA281	246CA1A1	247CA1A1	205NA001.05	/	/
3.3	CON ROT	CA							
3.75	CON ROT	CB							
4.2	CON ROT	CB							
5	CON ROT	CC							
3.3	CON ROT	CA	690NA092	690NA241	246CB1A1	247CB1A1	205NA001.05	/	/
3.75	CON ROT	CB	690NA092	690NA241	246CC1A1	247CC1A1	205NA001.05	/	/
4.2	CON ROT	CB							
5	CON ROT	CC							

			Retentive Screw	Retentive Screw BT-Grip	Castable Plastic Abut. BT Link	Titanium Base for BT LINK	Castable Plastic Abutment	Scan Abutment Extra-oral	Scan Abutment Intra-oral
MIS IMPLANT - SEVEN									
3.3	INT	FA	690NA273	690NA274	246FA1A0	247FA1A0	205NA001.05	351FA1A0	352FA1A0
3.75	INT	IR	690NA077	690NA237	246R1A0	247R1A0		351IR1A0	352IR1A0
4.2	INT	IR			246IM1A0	247IM1A0	205NA004.05	351IM1A0	352IM1A0
5	INT	IM			246IM1A0	247IM1A0			
6	INT	IM	690NA273	690NA274	246FA1A1	247FA1A1	205NA001.05	/	/
3.3	INT ROT	FA	690NA077	690NA237	246R1A1	247R1A1			
3.75	INT ROT	IR			246IM1A1	247IM1A1	205NA004.05	/	/
4.2	INT ROT	IR			246IM1A1	247IM1A1			
5	INT ROT	IM			246IM1A1	247IM1A1			
6	INT ROT	IM							
NEOSS - ProActive									
3.5	INT	DA	690NA076	690NA236	246DA1A0	247DA1A0	205NA002.05	351DA1A0	352DA1A0
5.5	INT	DA			246DA1A1	247DA1A1		/	/
3.5	INT ROT	DA			246DA1A1	247DA1A1			
5.5	INT ROT	DA							
NOBEL BIOCARE - Conical Connection									
NP	CON	KS	690NA083	690NA239	246KS1A0 ROT. 246KS1A1	247KS1A0 ROT. 247KS1A1	205NA001.05	351KS1A0	352KS1A0
RP	CON	KT	690NA332	690NA333	246KT1A0 ROT. 246KT1A1	247KT1A0 ROT. 247KT1A1		351KT1A0	352KT1A0
WP	CON	KU			246KU1A0 ROT. 246KU1A1	247KU1A0 ROT. 247KU1A1	205NA004.05	351KU1A0	352KU1A0
MEGAGEN ANYONE E OSSTEM TS									
3.5	INT	KB	690NA264	690NA265	246KB1A0	247KB1A0	205NA001.05	351KB1A0	352KB1A0
4	CON	KC	690NA266	690NA267	246KC1A0	247KC1A0		351KC1A0	352KC1A0
7	CON	KC	690NA264	690NA265	246KB1A1	247KB1A1		/	/
3.5	INT ROT	KB	690NA266	690NA267	246KC1A1	247KC1A1			
4	CON ROT	KC							
7	CON ROT	KC							
STRAUMANN - CrossFit									
3.3	CON	QA	690NA217	690NA245	246QA1A0	247QA1A0	205NA001.05	351QA1A0	352QA1A0
4.1	CON	QB			246QB1A0	247QB1A0		351QB1A0	352QB1A0
4.8	CON	QB			246QA1A1	247QA1A1		/	/
3.3	CON ROT	QA			246QB1A1	247QB1A1			
4.1	CON ROT	QB							
4.8	CON ROT	QB							
STRAUMANN - synOcta									
4.8	CON	SR	690NA090	690NA240	246SR1A0	247SR1A0	205NA001.05	351SR1A0	352SR1A0
4.8	CON ROT	SR			246SR1A1	247SR1A1		/	/
SWEDEN & MARTINA - Premium - Kohn									
3.8	INT	AB	690NA092	690NA241	246AB1A0	247AB1A0	205NA002.05	351AB1A0	352AB1A0
4.25	INT	AC	690NA076	690NA236	246AC1A0	247AC1A0	205NA004.05	351AC1A0	352AC1A0
3.8	INT ROT	AB	690NA092	690NA241	246AB1A1	247AB1A1	205NA002.05	/	/
4.25	INT ROT	AC	690NA076	690NA236	246AC1A1	247AC1A1	205NA004.05		
WINSIX - TTI/KT/KE									
3.3	INT	IE	690NA289	690NA290	246IE1A0	247IE1A0	205NA001.05	351IE1A0	352IE1A0
3.8	INT	IF			246IF1A0	247IF1A0	205NA002.05	351IF1A0	352IF1A0
4.5	INT	IG			246IG1A0	247IG1A0	205NA004.05	351IG1A0	352IG1A0
5.2	INT	IH			246IH1A0	247IH1A0	205NA007.05	351IH1A0	352IH1A0
3.3	INT ROT	IE			246IE1A1	247IE1A1	205NA001.05	/	/
3.8	INT ROT	IF			246IF1A1	247IF1A1	205NA002.05		
4.5	INT ROT	IG			246IG1A1	247IG1A1	205NA004.05		
5.2	INT ROT	IH			246IH1A1	247IH1A1	205NA007.05		
ZIMMER - TAPERED SCREW VENT									
3.3	INT	IR	690NA077	690NA237	246R1A0	247R1A0	205NA001.05	351IR1A0	352IR1A0
3.7	INT	IR			246IM1A0	247IM1A0			
4.1	INT	IR							
4.7	INT	IM							

BTK IMPLANT SYSTEMS

CODES OF READING	Company-Implant Line	Diameter	Connection Type	Compatible Conn. BTK
CON: conometric	INT: internal	EXT: external	ROT: rotating	MUA: Multi-unit abutment

				Retentive Screw	Retentive Screw BT-Grip	Castable Plastic Abut. BT Link	Titanium Base for BT LINK	Castable Plastic Abutment	Scan Abutment Extra-oral	Scan Abutment Intra-oral
MUA	BT4*	ROT	BT	690NA078	/	246BT1A0	247BT1A0	205NA003.05	351BT1A0	352BT1A0
	BT4 slim**	ROT	BU			246BU1A0	247BU1A0	205NA001.05	351BU1A0	352BU1A0
	BT4 iuxta***	ROT	BS	690NA307		246BS1A1	247BS1A1	205BS0R0	351BS1A1	352BS1A1

BT4* : Compatible with connection EN/ER/IR/KR/KW.

BT4 slim** : Compatible ONLY with connection KR.

BT4 iuxta*** : Components for IUXTA-3D screw-retained.

IMPLANT LINES	CONNECTION TYPE	PLATFORM	CHARACTERISTICS	COMPATIBILITY
BT KLASSIC EXT Ø 3,25 BT KONIC EXT Ø 3,25	External Hexagon	EN	Platform 3,4 M 1,8	/
BT KLASSIC EXT Ø 3,25 PL - 3,75 - 4,00 BT KONIC EXT Ø 4,00 ISYKONE Ø 3,30 - 3,70 - 4,10 - 4,80	External Hexagon	ER	Platform 4,1 M 2,0	3i: External Hexagon implants Ø 4,00 Nobel Biocare: Imp. Branemark Ø 4,00 BT EVO DL EXT Ø 4,00 Keystone/Lifecore: Restore implant Ø 3,75-4,00 Sweden e Martina: Imp Outlink2 Ø 3,75-4,1 MIS: implant Biocom (cylindrical) Ø 3,3-3,75-4,20 MIS: implant Lance (conical) Ø 3,75-4,20 Megagen: implant ExFeel external Ø 3,75-4,0-4,5 ITS: External Hexagon implants Ø 4,00 Plan 1 Health: External Hexagon implants Ø 4,00
BT KLASSIC EXT Ø 5,00 BT KONIC EXT Ø 5,00	External Hexagon	EW	Platform 5,0 M 2,0	3i: External Hexagon implants Ø 5,00 MIS: implant Biocom (cylindrical) Ø 5,0 MIS: implant Lance (conical) Ø 5,0 Sweden e Martina: Imp Outlink2 Ø 5,0 Megagen: implant ExFeel external Ø 5,0-5,5 ITS: External Hexagon implants Ø 5,00 Plan 1 Health: External Hexagon implants Ø 5,00
BT KLASSIC INT Ø 3,25 - 3,75 BT KONIC INT Ø 3,25 - 4,00 ISYKONE Ø 3,30-3,70-4,10-4,80 ZYGOMAX RHYNO	/	IR	Platform 3,5	Zimmer: Imp tapered screw vent Ø 3,7-4,1 Imp Screw Vent Ø 3,3-3,7 MIS: implant Seven Internal Hexagon Ø3,3-3,75-4,2 Implant direct: implant Legacy Ø 3,7 mm
BT KLASSIC INT Ø 4,25	Internal Hexagon	IM	Platform 4,5 M 1,8	Zimmer: Imp Tapered screw Vent Ø 4,7 Imp Screw Vent Ø 4,7 MIS: implant Seven Internal Hexagon Ø 5,0-6,0 Keystone/Lifecore: implant Renova Ø 4,5 Implant direct: implant Legacy Ø 4,7 mm
BT KLASSIC INT Ø 5,00 BT KONIC INT Ø 5,00	Internal Hexagon	IW	Platform 5,0 M 1,8	/
ISY+ Ø 3,30-3,70-4,10-4,80-6,0 BT SAFE Ø 3,30-3,70-4,10-4,80 ISYKONE Ø 3,30-3,70-4,10-4,80-6,0	Conical Hexagon	KR	Platform 2,8 M1.6	Geass Way Milano 3,4-3,8 Dentsply AstraTech 3,5-4,0
BT KLASSIC EXT Ø 3,25 PL - 3,75 - 4,00 BT KONIC EXT Ø 4,00 BT KLASSIC INT Ø 3,25 - 3,75 BT KONIC INT Ø 3,25 - 4,00	/	Abutment BT4 (MUA)	/	Nobel: MUA for implants

BTK PERSONAL TUTOR

A program for individual case planning and execution supported by experienced professionals in order to leverage know-how and maximize clinical experience with the aim to achieve sustainable high patient satisfaction rates.

BTK is always at your disposal for any request for further follow-up or information, promoting periodic and ad-hoc training course.

CERTIFIED QUALITY SYSTEM

**BIOTEC is certified UNI EN ISO 9001
and UNI EN ISO 13485.**

MADE IN ITALY USED GLOBALLY



We constantly ensure that the quality of our products and services meet the high expectations of our customers and their patients. Specialized professionals are taking care to offer comprehensive solutions in applied research, engineering, education and related activities.

