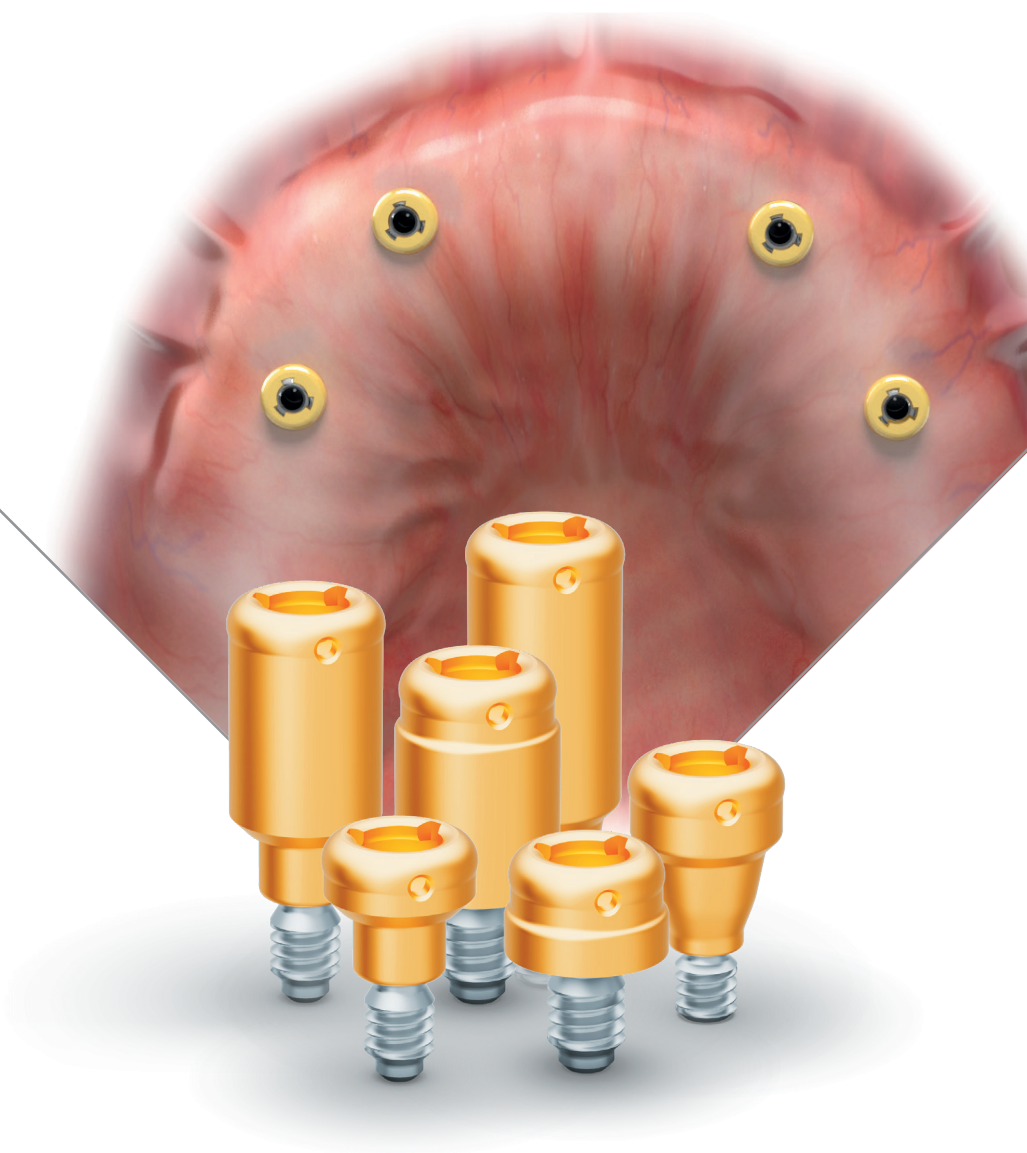
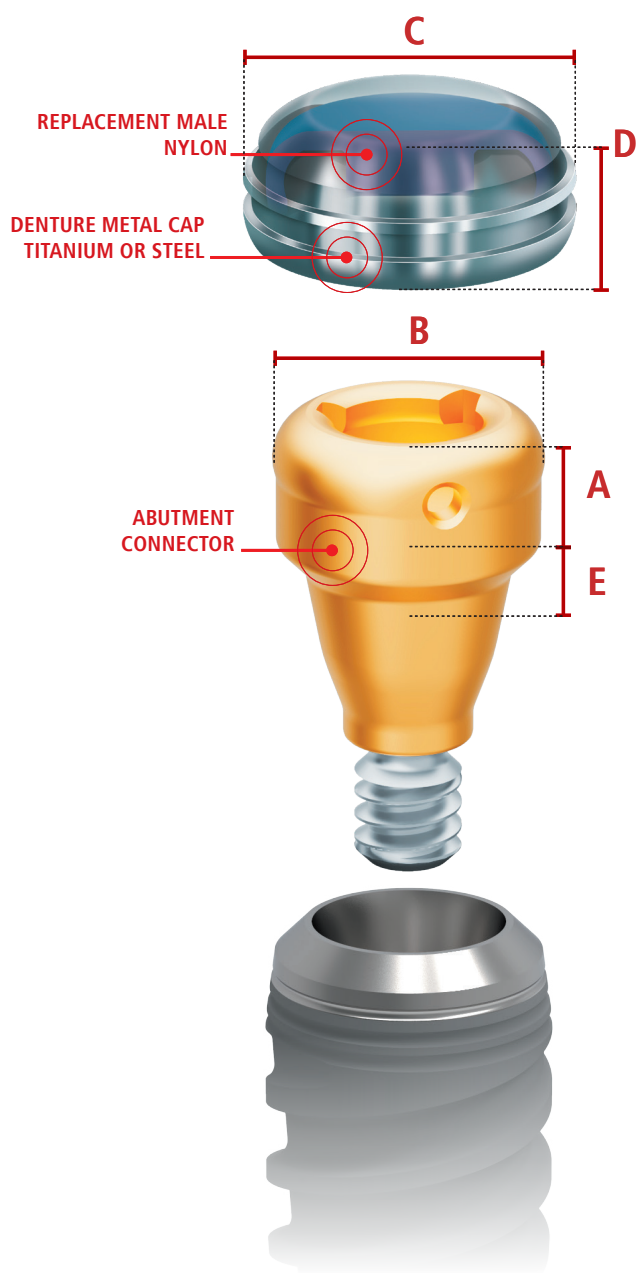


# BTK CONNECTOR

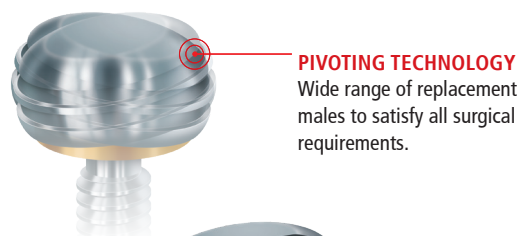
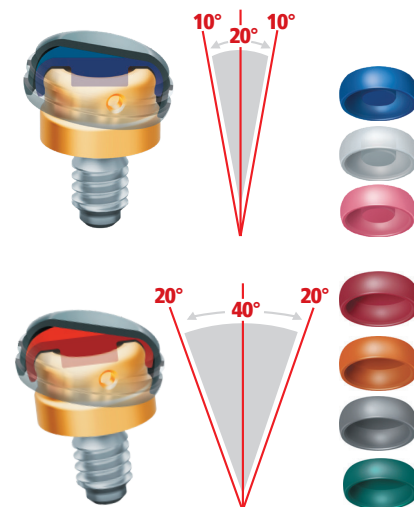


THE VERSATILE  
OVERDENTURE  
ATTACHMENT SYSTEM

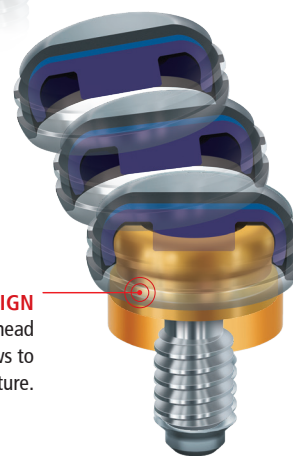
# THE VERSATILE OVERDENTURE ATTACHMENT SYSTEM



**VERSATILITY IN RETENTION AND ANGLE**  
Connector attachments allows to restore divergence between two implants up to 40° (20° angle for each implant).



**SELF-ALIGNING DESIGN**  
The structure of the head of the abutment allows to easily seat the overdenture.



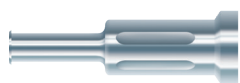
INTERNAL HEXAGON		EXTERNAL HEXAGON		HEXAGONAL CONICAL	A	B	C	D	E
IR	EN	ER	KR		MALE SEATING AREA (mm)	ABUTMENT DIAMETER (mm)	DENTURE METAL CAP DIAMETER (mm)	DENTURE METAL CAP VERTICAL HEIGHT (mm)	CUFF HEIGHT (mm)
261IR0A0	-	-	-		1,60	3,86	5,45	2,50	0,63
261IR1A0	261EN1A0	261ER1A0	261KR1A0	1					
261IR2A0	261EN2A0	261ER2A0	261KR2A0	2					
261IR3A0	261EN3A0	261ER3A0	261KR3A0	3					
261IR4A0	261EN4A0	261ER4A0	261KR4A0	4					
261IR5A0	261EN5A0	261ER5A0	261KR5A0	5					
261IR6A0	261EN6A0	261ER6A0	261KR6A0	6					

A Connector code includes: Connector abutment, denture metal cap, block-out spacer and three replacement males.

visit [btk.dental](http://btk.dental)

# CONNECTOR CORE TOOL

Connector System features Connector Core Tool (cod. 502MA004), a unique instrument that contains 3 tools in 1. This convenient tool is used to carry and place Connector Abutments, remove Connector Males, and insert new males into the Denture Metal Cap.



MALE REMOVAL (Ref. 502MA024)

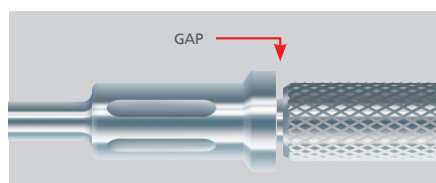


MALE SEATING TOOL



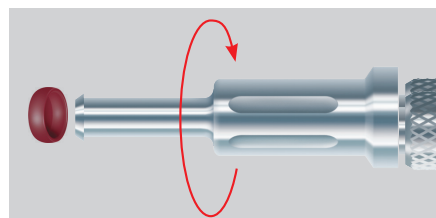
CONNECTOR ABUTMENT DRIVER

## How to use Connector Core Tool



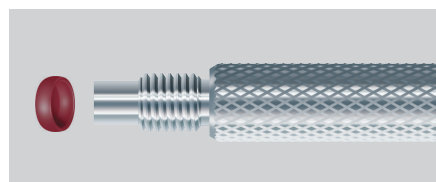
### HOW TO REMOVE THE WORN-OUT MALES

Loosen the Male Removal a full 3 turns counter clockwise (you will see a visible gap). To remove a Replacement Male from the metal cap; simply insert the tip into the metal cap/male assembly and push straight in to the bottom of the replacement male. Then tilt the tool so that the sharp edge of the tip will grab hold of the male and pull it out of the cap.



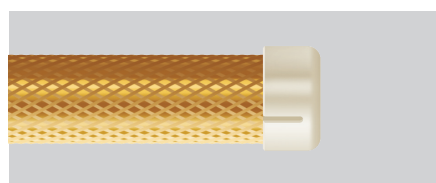
### HOW TO DISCARD THE MALE

To discard the replacement male from the tip on the Connector Core Tool; tighten the Male Removal Tool clockwise back onto the Connector Core Tool. This will activate the removal pin and dislodge the male from the tip end of the Connector Removal Tool. **Caution: To discard the male we suggest to point the tool down and away from you, close to a solid surface, to avoid losing the male while dislodging.**



### HOW TO INSERT THE REPLACEMENT MALE





Separate the Male Removal section from the Connector Core tool and use the Male Seating tool end of the remaining two sections to place the chosen Replacement Male on the end of the Male Seating Tool. Place it into the empty Denture Metal Cap with a light pressure. **Caution: We suggest not to reverse the Male Seating Tool once you place the new male. To avoid losing the Replacement Male is preferable to turn upside down the restoration so the Denture Metal Cap is face down.**



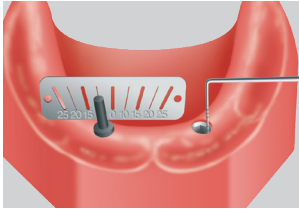
### HOW TO INSERT THE ABUTMENT

The retaining sleeve slips onto the Abutment Driver end of the Connector Core Tool, and is designed to hold a Connector Abutment onto the Driver, allowing the driver/sleeve and abutment to be held vertically without abutment falling off the driver, making it easier to deliver the abutment to the patient's implant. **Caution: 30Ncm maximum insertion torque.**

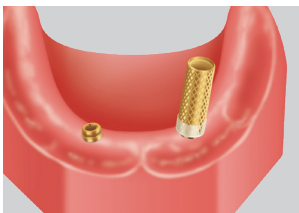
## Connector Accessories

PICTURE	PRODUCT	CODE	DESCRIPTION
	<b>CONNECTOR HANDPIECE DRIVER</b>	530HS027	L 23mm
	Handpiece driver to place the Connector abutment. 30Ncm maximum insertion torque. Available separately in two size/length.	530HS028	L 29mm
	<b>CONNECTOR DRIVER FOR TORQUE WRENCH</b>	530JD029	L10mm (connection JD)
	<b>RETAINING SLEEVE - CONNECTOR CORE TOOL</b> The Retaining Sleeve slips onto the Abutment driver end of the Connector Core Tool. It is designed to hold a Connector Abutment onto the Driver, making it easier to deliver the abutment to the patient's mouth. Connector Core Tool is provided with a retaining sleeve. Validated to withstand five autoclave sterilization cycles. 1 piece package.	690NA320	

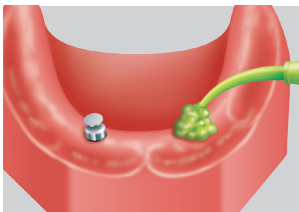
## OPERATIVE PROTOCOL



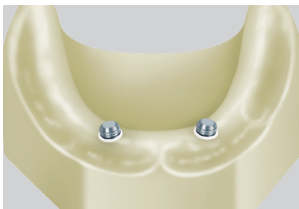
Remove the healing abutment and measure the tissue depth to select the proper abutment cuff heights. If implants are divergent, measure the angle to determine the replacement male indicated, use the angle measurement guide (cod. 540MA026) and the Connector parallel pin (cod. 540MA027.04).



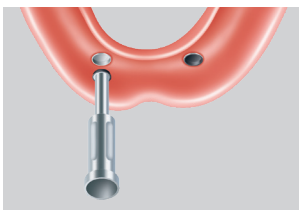
Place the Connector Abutment into the retaining Sleeve on the Abutment Driver (gold end of the Connector Core Tool). Place the abutment into the implant and thread into place until finger tight. To verify the insertion torque use the Connector handpiece driver (cod. 530HS015 - 530HS016) or Connector driver for torque wrench (cod. 530JD029). 30Ncm maximum insertion torque.



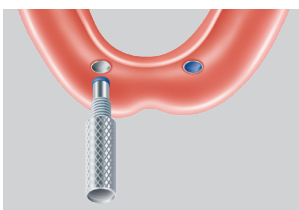
Place the Connector Impression Coping onto the abutment and push down to snap into place. Syringe impression material around the coping, fill the impression tray and place it into the mouth.



Press the Connector Abutment Replica into the impression coping in the impression. Pour die stone into the impression to create the cast. Place the block-out spacer over the replica. Press the Metal Caps with the Black Male onto the replica. Process and finish the overdenture on the cast around the Metal Cap.





Remove the Black Males from each Denture Metal Cap using the Connector Male Removal Tool, portion of the Connector Core Tool.



Place the Connector Male attachment selected for each abutment into the Denture Metal Cap using the Connector Male Seating Tool.

# CONNECTOR SPARE KIT AND ACCESSORIES

PICTURE	CODE	PRODUCT	DESCRIPTION
<b>Spare Kit</b>			
	690NA011	Kit Connector Replacement Males	The package includes a Denture Metal cap, a block-out spacer, and three Replacement Males (20° of divergence between two implants)
	690NA022	Denture Metal Cap + Block-Out Spacer	The Denture Metal Cap connects abutment and restoration. The black Male is for temporary use only and has to be replaced with the selected Connector Male. The Block-out Spacer blocks out the area immediately surrounding the abutment while finishing and relining the overdenture. This space will allow full resiliency of the Denture Metal Cap over the chosen male.
	690NA006.04	Connector Replacement Males (20° Of Divergence)	15N Blue Kit 4pcs (700gr. 0-20°)
	690NA008.04	Connector Replacement Males (20° Of Divergence)	30N Pink Kit 4pcs (1400gr. 0-20°)
	690NA010.04	Connector Replacement Males (20° Of Divergence)	50N White Kit 4pcs (2300gr. 0-20°)
	690NA005.04	Connector Replacement Males (40° Of Divergence)	10N Red Kit 4pcs (700gr. 20-40°)
	690NA007.04	Connector Replacement Males (40° Of Divergence)	20N Orange Kit 4pcs (900gr. 20-40°)
	690NA009.04	Connector Replacement Males (40° Of Divergence)	40N Green Kit 4pcs (1400gr. 20-40°)
	690NA134.04	Zero Retention Replacement Males	0N Grey Kit 4pcs (0gr.) The package includes four zero retention replacement males. Indicated when more than three Connector abutment are in place, to ease the restoration removal.
<b>Lab Components</b>			
	690NA054.04	Black Replacement Males	0N Black Kit 4pcs The package includes four black replacement males. They are for temporary use only, while finishing and relining the overdenture. They have to be replaced with the correct retentive male.
	321NA0A0	Connector Impression Post	The impression coping duplicates the shape and position of the Connector abutment in the impression to accurately position the abutment replica in the cast model.
	301C00A0	Connector Abutment Replica	The abutment replica duplicates the position of the Connector abutment in the cast model.
<b>Connector Accessories</b>			
	540MA026	Angle Measurement Guide	The angle measurement guide determines the abutment divergence in degrees.
	540MA027.04	Connector Parallel Pin	The parallel pin allows to determine the abutment angle. 4 pieces package.

### **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.**



CE marked product, in accordance with Directive 93/42/EEC and subsequent modifications and additions.

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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.