



PROSTHETIC CATALOGUE

ITS. INNOVATION AND TECHNOLOGY FOR SMILE PROFESSIONALS.



Prosthetic catalogue

CONTENTS

Company philosophy	4
Prosthesis solutions	6
Quick guide Conical Connection	8
Quick guide External Connection	10
Quick guide Internal Connection	12
SECOND PHASE COMPONENTS	14
ITS torque wrench	14
Healing abutment	15
Transfer for pick-up impression (direct technique)	16
Transfer for snap impression (indirect technique)	17
Laboratory analogue	18
Temporary abutment - TITANIUM	20
Temporary abutment - PTA	21
AST abutment - STRAIGHT TITANIUM	22
APT abutment – PREANGLED 17° and 25°	23
Bonding converter	24
Aesthetic abutment - CASTABLE	25
Aesthetic abutment COBALT-CHROME and GOLD BASES	26
Equator abutment (By Rhein 83)	27
O-Ring abutment	28
COMPONENT LIST FOR IMMEDIATE LOADING	30
Straight conical abutment	30
Conical abutment – PREANGLED 17° and 30°	32
DRIVERS, CONNECTIONS AND ACCESSORIES	34
Drivers and connections	34
Prosthesis kits - Laboratory clamps	35
Screw removal kits	35
Support and teaching materials	36





ITS Italy: A company of people

Marco Manno, Founder and CEO

I am a businessman, but first of all a person who is sure of being able to determine his own fate and the success of his business.

Armed with this conviction, I have been able to climb a long and articulated professional career with perseverance and humility, which led to me managing several companies and studying all aspects of management and business strategy in depth and with curiosity, before creating - with satisfaction and considerable effort - an innovative start-up in the field of biotechnology for tissue regeneration and the creation and management of Essemme Components, a company that designs, produces, and distributes ITS®, an Italian company specialising in prosthetic implants and other certified products.

Willpower is my guide; I can't stand the fatalistic attitude that leads people to look at external events as the cause of problems. Those who attribute the blame of their failure to others abdicate responsibility, a fundamental value of every company's ethics.

Our team: Whoever collaborates wins

One of my greatest passions is to share knowledge and experience with those who are willing to learn it and apply it.

My goal is to create and consolidate a team of employees who are satisfied with their jobs and ensure that they recognise our company as an ideal place to express and develop their human and professional potential.

Certifications

ESSEMME COMPONENTS S.r.l. adopts a Quality Management System conforming to ISO 9001.

Medical devices supplied by ESSEMME COMPONENTS S.r.l. comply with Directive 93/42/EEC and subsequent amendments.

Mission: To spread smiles

Taking care of and maintaining consistently high quality products for oral prosthetic implant reconstructions, to guarantee the reliability, safety and the success of the latest prosthetic and surgical procedures, thus ensuring the health, beauty and well-being of our patients.

ITS Italy: Medical devices for the best performance of your dental practice

ITS Italy® is an Italian company that deals with the design, development and distribution of medical devices, which provides partners with a range of reliable prosthetic implant products and ongoing clinical support from a team of specialists, implemented through information, updates and numerous ITS® SPECIALISATION COURSES, CME accredited, organised with the most influential opinion leaders in the industry.

It also offers informative and practical courses, aimed at dentists proposing targeted managerial and organisational solutions that strike the best balance between the quality of services provided to patients and the best results in business, economy and in the management of your practice.

The energy that moves us: A passion for challenge

In many years of work in the dentistry and dental industry, we have developed the knowledge that those who work in this field, as well as in the implant field, is expected to perform much more than a normal professional duty. Medical dentists and specialists contribute not only to the hygiene and health of their patients, but they transform life, making it enjoyable and worth living, helping them to enjoy the well-being and satisfaction you get from the functionality and pleasant appearance.

Today dental practices are facing a delicate situation, determined by changes in the market and competitors offering lower quality, but at a lower cost. It is therefore essential to create a real **CULTURE**, through proper communication, which allows patients to understand the service they are receiving. We believe that the best response to the crisis is "networking" and building valuable **PARTNERSHIPS** based on skills and common interests. At this particular time, we are also providing partners with our knowledge through further education training courses in crucial areas to be competitive on the market.

The challenge that we have taken is to understand, anticipate and meet the needs of professionals in order to achieve the satisfaction and smiles of their patients; and to support Dental Practices in the path to success by helping them to explain to their patients the **VALUE** of an **ECCELLENTE** service.

Vision: Accelerate business, share knowledge

To make the company the place of development for maximum human potential, to stimulate employees and partners to cherish the experience, to welcome challenges and push the limits, achieving results above the norm, to be shared through consulting and training.



Prosthesis solutions

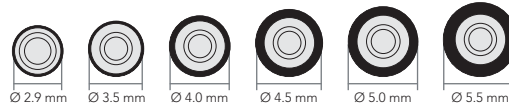
The ITS® line is organised in accordance with a platform and colour coding concept that makes it easier for the team to identify and select the correct implant platform.

The main indications for use of the cylindrical implant provide for its application in all cases where the bone volume permits.

The anatomical form is recommended for optimising implant positioning in unfavourable anatomic conditions.

Its design facilitates the clinician in dislocating the implant where there are post-extraction sites, in cases of converging roots, jaw bone undercuts, and in all aesthetic areas.

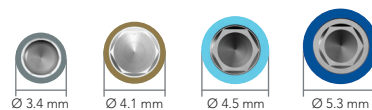
DIAMETERS AND PLATFORM CORRESPONDENCE



EXTERNAL CONNECTION PLATFORM



CONNECTION PLATFORM



Diameters and colour coding

GUIDE FOR THE CORRECT IMPLANT PLATFORM SELECTION

ITS® implant systems have been developed with the aim of offering the clinician the best versatility in selecting the correct implant platform.

The ITS® range of implants is organised in accordance with a platform and colour coding concept that makes it easier for both the surgeon and the prosthetist to identify and select the correct implant platform.

The term "platform" indicates the outer diameter of the top of the implant and is available in various diameters with external and / or internal connection.

PLATFORM	Ø 3.4 mm		Ø 3.5 mm	Ø 4.0 mm	Ø 4.1 mm		Ø 4.5 mm	Ø 4.5 mm	Ø 5.0 mm	Ø 5.3 mm	Ø 5.5 mm
CONNECTION	EXTERNAL	INTERNAL	CONICAL	CONICAL	EXTERNAL	INTERNAL	CONICAL	INTERNAL	EXTERNAL	INTERNAL	CONICAL
INDICATIONS UPPER JAW	» Lateral incisors		» Lateral incisors	» Central incisors » Lateral incisors	» Incisors » Premolars » Canines		» Central incisors » Lateral incisors	» Central incisors » Canines » Premolars » Molars			» Premolars » Molars
INDICATIONS LOWER JAW	» Central incisors » Lateral incisors		» Central incisors » Lateral incisors	» Lateral incisors » Canines	» Canines » Premolars		» Premolars » Molars	» Canines » Premolars » Molars			» Molars

Precision and quality control

The ITS® line is perfectly in line with quality and precision requirements, thanks to the most sophisticated equipment on the market today that provides high precision in the manufacture of specific implant and prosthetic components for the medical sector.

Essemme Components systematically outsources testing and quality control with electron microscopy systems to qualified companies to ensure biomechanical reliability and precision continuity of the ITS® implant system.

International literature says that an inaccurate fit between the implant and prosthetic components can result in plaque formation, inflammation, and fracture of prosthetic screws resulting in bone loss over time.

BIBLIOGRAPHY

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Balshi T: Preventing and resolving complications with osseointegrated implants. *Dent Clin North Am* 1989; 33:821.

G White: Osteointegrated Dental Technology. Ed. Quintessence Publishing. 1993

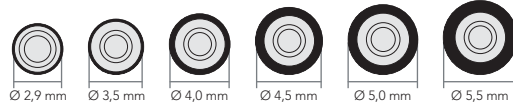


Quick Guide Conical Connection

UNIVERSAL PROSTHETIC CONNECTION

K-SP 2,9 mm	K-SP 3,5 mm	K-MP 4,0 mm	K-RP 4,5 mm	K-LP 5,0 mm	K-LP 5,5 mm
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DIAMETERS AND PLATFORMS CORRESPONDENCE



Universal component for all diameters

SECOND PHASE PROCEDURE

SURGEON				PROSTHODONTIST				
COVER SCREWS	HEALING ABUTMENT			TEMPORARY titanium	peek	TRANSFER FOR IMPRESSION	TRANSFER SAS	ANALOGUE
	profile Ø 4.0	profile Ø 4.5	profile Ø 6.0					
KCS 00 locking-taper cover screw	KPK 2860 conical healing abutment profile Ø 4.0 h 0.5 mm	KPK 2720 conical healing abutment 2.9 narrow collar h 0.7 mm	KPK 2660 conical healing abutment narrow collar h 0.7 mm	KTP 5520 conical titanium temporary abutment 2.9 h 1.5 mm	KTP 5580 temporary conical abutment in peek	KTC 3820 conical coping pick-up 2.9	KAST 5221S transfer abutment 2.9 collar 1.5 mm	KLR 4200 conical laboratory analogue 2.9
KCS 01 locking-taper cover screw 2.9		KPK 2721 conical healing abutment 2.9 narrow collar h 1.5 mm	KPK 2661 conical healing abutment narrow collar h 1.5 mm	KTP 5570 conical titanium temporary abutment h 1.5 mm		KTC 3860 conical coping pick-up	KAST 5261S transfer abutment collar 1.5 mm	KLR 4800 conical laboratory analogue
		KPK 2723 conical healing abutment 2.9 narrow collar h 3 mm	KPK 2663 conical healing abutment narrow collar h 3 mm	KTP 5573 conical titanium temporary abutment h 3 mm			KAST 5263S transfer abutment collar 3 mm	
		KPK 2760 conical healing abutment narrow collar h 0.7 mm						
		KPK 2761 conical healing abutment narrow collar h 1.5 mm						
		KPK 2763 conical healing abutment narrow collar h 3 mm						

QUICK GUIDE CONICAL CONNECTION

PROSTHETIC CATALOGUE

NOTE: You can ask the company for a complete prosthetic components catalogue

FOR IMMEDIATE LOADING

DEVICES OVER KPCA AND KAC

CASTABLE FOR ABUTMENT KAC-KPCA	TEMPORARY ABUTMENT KAC-KPCA	PROTECTIVE COPING FOR ABUTMENT KAC-KPCA	LABORATORY ANALOGUE FOR ABUTMENT KAC-KPCA	COPING PICK-UP FOR ABUTMENT KAC-KPCA
CNP 5062 castable for KAC-Kpca abutment	TPNC 5562 Temporary for KAC-Kpca abutment	HPCA 5500 Protective coping for KAC-Kpca abutment HPCA 5508 Protective coping H 8 mm for KAC-Kpca abutment	LRC 4602 laboratory analogue for KAC-Kpca abutment	TCNT 3652 coping pick-up for KAC-Kpca abutment

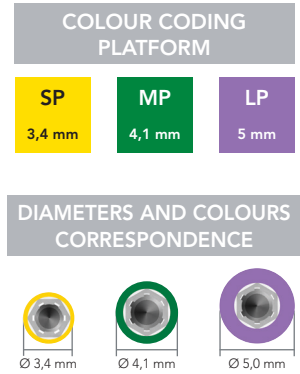
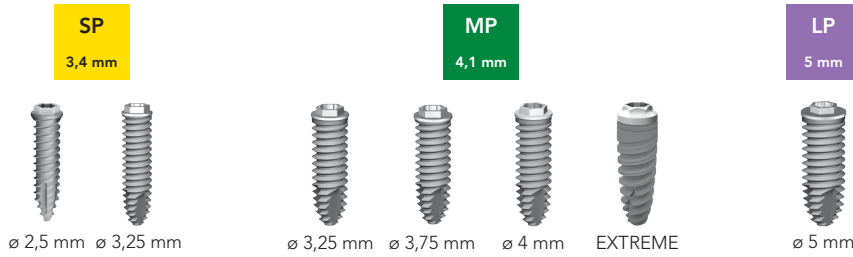
PROSTHETIC ABUTMENT

LABORATORY - PROSTHETIC OPTIONS - ABUTMENTS
















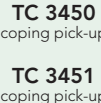
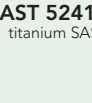
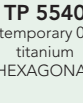
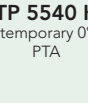
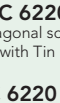
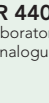


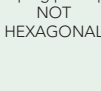






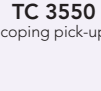










STRAIGHT TITANIUM		PRE-ANGLED TITANIUM		BONDING CONVERTER	AESTHETIC CASTABLE	STRAIGHT CONICAL	PRE-ANGLED CONICAL	EQUATOR O-RING
Chamfer shoulder	Finishing shoulder	Chamfer shoulder	Finishing shoulder					
KAST 5260 conical straight titanium abutment chamfer collar 0.7 mm	KASN 5220 conical straight titanium abutment 2.9 collar 0,7 mm	KAPT 5360 pre-angle 17° conical titanium abutment chamfer collar 0.7 mm	KAPN 5220 pre-angle 17° conical titanium abutment 2.9 collar 0.7 mm	KUHG 5500 conical bonding base abutment h 1 mm	KUHG 5000 conical aesthetic abutment with chrome-cobalt base	KAC 5522 conical titanium abutment 2.9 collar 2.5 mm	KPCA 5581 pre-angle 17° conical titanium abutment collar 1.5 mm	130KR01 (*) conical EQUATOR abutment collar 1,5 mm
KAST 5261 conical straight titanium abutment chamfer collar 1.5 mm	KASN 5221 conical straight titanium abutment 2.9 collar 1.5 mm	KAPT 5361 pre-angle 17° conical titanium abutment chamfer collar 1.5 mm	KAPN 5221 pre-angle 17° conical titanium abutment 2.9 collar 1.5 mm	KUHG 5600 conical bonding base abutment h 1 mm rotating	KUHG 5100 preformed based conical aesthetic abutment	KAC 5540 conical titanium abutment collar 0.7 mm	KPCA 5582 pre-angle 17° conical titanium abutment collar 2.5 mm	130KR03 (*) conical EQUATOR abutment collar 3 mm
KAST 5263 conical straight titanium abutment chamfer collar 3 mm	KASN 5223 conical straight titanium abutment 2.9 collar 3 mm	KAPT 5363 pre-angle 17° conical titanium abutment chamfer collar 3 mm	KAPN 5223 pre-angle 17° conical titanium abutment 2.9 collar 3 mm	KUHG 5502 Conical bonding base abutment h 2 mm	KUHG 5200 conical aesthetic abutment 2.9 with chrome-cobalt base	KAC 5541 conical titanium abutment collar 1.5 mm	KPCA 5584 pre-angle 17° conical titanium abutment collar 4 mm	KBA 5421 OR conical O-RING abutment 2.9 collar 1,5 mm
KAST 5263 conical straight titanium abutment chamfer collar 3 mm	KASN 5260 conical straight titanium abutment 2.9 collar 0,7 mm	KAPT 5363 pre-angle 17° conical titanium abutment chamfer collar 3 mm	KAPN 5260 pre-angle 17° conical titanium abutment 2.9 collar 0,7 mm	KUHG 5602 Conical bonding base abutment h 2 mm rotating	KUHP 5000 conical aesthetic castable abutment	KAC 5542 conical titanium abutment collar 2.5 mm	KPCA 5591 pre-angle 30° conical titanium abutment collar 1.5 mm	KBA 5423 OR conical O-RING abutment 2.9 collar 3 mm
KASN 5261 conical straight titanium abutment 2.9 collar 1,5 mm	KASN 5263 conical straight titanium abutment 2.9 collar 3 mm	KAPN 5261 pre-angle 17° conical titanium abutment 2.9 collar 1,5 mm	KAPN 5263 pre-angle 17° conical titanium abutment 2.9 collar 3 mm	KUHG 5503 Conical bonding base abutment h 3 mm	KSC 6100 closure screw	KAC 5544 conical titanium abutment collar 4 mm	KPCA 5592 pre-angle 30° conical titanium abutment collar 2.5 mm	KBA 5461 OR O-RING abutment conical collar 1.5 mm
KASN 5263 conical straight titanium abutment 2.9 collar 3 mm	KASN 5264 conical straight titanium abutment 2.9 collar 4,5 mm	KAPN 5264 pre-angle 17° conical titanium abutment 2.9 collar 4,5 mm	KAPN 5270 pre-angle 25° conical titanium abutment 2.9 collar 0,7 mm	KUHG 5603 Conical bonding base abutment h 3 mm rotating	KSC 6120 closure screw	KPCA 5594 pre-angle 30° conical titanium abutment collar 4 mm	KPCA 5594 pre-angle 30° conical titanium abutment collar 4 mm	KBA 5463 OR conical O-RING abutment collar 3 mm
KASN 5264 conical straight titanium abutment 2.9 collar 4,5 mm	KAPN 5271 pre-angle 25° conical titanium abutment 2.9 collar 1,5 mm	KAPN 5271 pre-angle 25° conical titanium abutment 2.9 collar 1,5 mm	KAPN 5271 pre-angle 25° conical titanium abutment 2.9 collar 1,5 mm	KSC 6150 closure screw	KSC 6150 closure screw	KPCA 5594 pre-angle 30° conical titanium abutment collar 4 mm	KPCA 5594 pre-angle 30° conical titanium abutment collar 4 mm	KBA 5464 OR conical O-RING abutment collar 4,5 mm
KAPN 5273 pre-angle 25° conical titanium abutment 2.9 collar 3 mm	KAPN 5273 pre-angle 25° conical titanium abutment 2.9 collar 3 mm	KAPN 5273 pre-angle 25° conical titanium abutment 2.9 collar 3 mm	KAPN 5273 pre-angle 25° conical titanium abutment 2.9 collar 3 mm					

(*) By Rhein 83

Quick Guide External Connection



SECOND PHASE PROCEDURE

	SURGEON			PROSTHODONTIST				
	COVER SCREWS	HEALING CAP	TRANSFER FOR IMPRESSION	TRANSFER SAS	TEMPORARY ABUTMENT PEEK TITANIUM	WAXING AND CLOSING SCREW	ANALOGUE	
SP 3,4 mm	 CS 0030 cover screw	 PK 2333 healing screw h 3 mm	 TC 3330 coping pick-up	 AST 5231S titanium SAS	 TP 5530 temporary 0° titanium HEXAGONAL	 TP 5530 K temporary 0° PTA	 SC 6110 hexagonal screw with Tin	 LR 4300 laboratory analogue
		 PK 2334 healing screw h 4 mm	 TC 3331 coping pick-up NOT HEXAGONAL		 TP 5531 temporary 0° titanium NOT HEXAGONAL		 SCL 6230 screw for coping pick-up	
		 PK 2335 healing screw h 5 mm						
MP 4,1 mm	 CS 0040 cover screw	 PK 2453 healing abutment h 3 mm	 TC 3450 coping pick-up	 AST 5241S titanium SAS	 TP 5540 temporary 0° titanium HEXAGONAL	 TP 5540 K temporary 0° PTA	 SC 6220 hexagonal screw with Tin	 LR 4400 laboratory analogue
	 CS 0041 cover screw headless	 PK 2454 healing abutment h 4 mm	 TC 3451 coping pick-up NOT HEXAGONAL		 TP 5541 temporary 0° titanium NOT HEXAGONAL		 SC 6220 Q square screw with Tin	
		 PK 2455 healing abutment h 5 mm					 SCL 6240 KA screw for coping pick-up	
LP 5 mm	 CS 0050 cover screw	 PK 2553 healing abutment h 3 mm	 TC 3550 coping pick-up	 AST 5241S titanium SAS	 TP 5550 temporary 0° titanium HEXAGONAL	 TP 5540 K temporary 0° PTA	 SC 6220 hexagonal screw with Tin	 LR 4500 laboratory analogue
		 PK 2554 healing abutment h 4 mm			 TP 5551 temporary 0° titanium NOT HEXAGONAL		 SC 6220 Q square screw with Tin	
		 PK 2555 healing abutment h 5 mm					 SCL 6240 KA screw for coping pick-up	

NOTE: You can ask the company for a complete prosthetic components catalogue

FOR IMMEDIATE LOADING

DEVICES OVER PCA AND AC

CASTABLE FOR ABUTMENT AC-PCA	TEMPORARY FOR ABUTMENT AC-PCA	PROTECTIVE COPING FOR ABUTMENT AC-PCA	LABORATORY ANALOGUE FOR ABUTMENT AC-PCA	COPING PICK-UP FOR ABUTMENT AC-PCA
CNP 5062 castable for AC-PCA abutment	TPNC 5562 Temporary for AC-PCA abutment	HPCA 5500 Protective coping for AC-PCA abutment HPCA 5508 Protective coping H 8 mm for AC-PCA abutment	LRC 4602 laboratory analogue for AC-PCA abutment	TCNT 3652 coping pick-up for AC-PCA abutment

PROSTHETIC ABUTMENT

LABORATORY - PROSTHETIC OPTIONS - ABUTMENTS

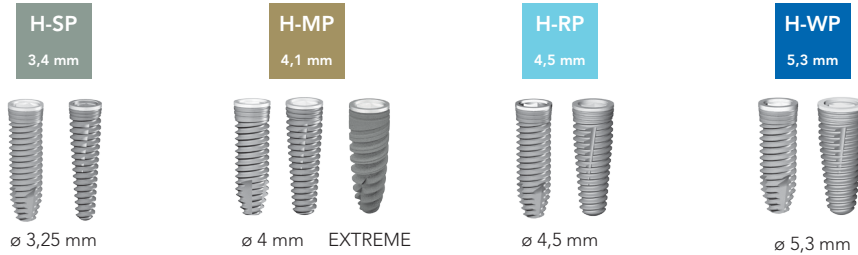
STRAIGHT TITANIUM	PRE-ANGLED TITANIUM	BONDING CONVERTER	AESTHETIC CASTABLE	AESTHETIC GOLD BASE	STRAIGHT CONICAL	PRE-ANGLED CONICAL	EQUATOR O-RING
AST 5231 pre-angle 0° titanium abutment collar 1 mm AST 5233 pre-angle 0° titanium abutment collar 3 mm	APT 5332 titanium abutment 17° 2 mm collar		UHP 5030 aesthetic castable abutment HEXAGONAL UNP 5031 aesthetic castable abutment NOT HEXAGONAL	UHG 5130 gold base castable abutment HEXAGONAL UNG 5131 gold base castable abutment NOT HEXAGONAL	AC 5532 conical abutment 2 mm collar AC 5533 conical abutment 3 mm collar		BA 5431 OR O-RING abutment collar 1 mm BA 5433 OR O-RING abutment collar 3 mm
AST 5241 pre-angle 0° titanium abutment collar 1 mm AST 5243 pre-angle 0° titanium abutment collar 3 mm	APT 5341 titanium abutment 17° 1 mm collar APT 5343 titanium abutment 17° 3 mm collar	UHG 5400 External hex. Bonding base abutment with hex UNG 5401 External hex. Bonding base abutment without hex	UHP 5040 aesthetic castable abutment HEXAGONAL UNP 5041 aesthetic castable abutment NOT HEXAGONAL UHP 5040K jointed aesthetic castable abutment HEXAGONAL UNP 5041K jointed aesthetic castable abutment NOT HEXAGONAL	UHG 5140 gold base castable abutment HEXAGONAL UNG 5141 gold base castable abutment NOT HEXAGONAL	AC 5542 conical abutment 2 mm collar AC 5543 conical abutment 3 mm collar AC 5544 conical abutment 4 mm collar	PCA 5542 titanium abutment 17° h 2 mm collar PCA 5543 titanium abutment 17° h 3 mm collar PCA 5553 titanium abutment 30° h 3 mm collar	BA 5441 OR O-RING abutment collar 1 mm BA 5443 OR O-RING abutment collar 3 mm 130BRK2 (*) Equator abutment collar 2mm 130BRK3 (*) Equator abutment collar 3mm
AST 5251 pre-angle 0° titanium abutment collar 1 mm AST 5253 pre-angle 0° titanium abutment collar 3 mm	APT 5351 titanium abutment 17° 1 mm collar APT 5353 titanium abutment 17° 3 mm collar		UHP 5050 aesthetic castable abutment HEXAGONAL UNP 5051 aesthetic castable abutment NOT HEXAGONAL	UHG 5150 gold base castable abutment HEXAGONAL	AC 5542 conical abutment 2 mm collar AC 5543 conical abutment 3 mm collar AC 5544 conical abutment 4 mm collar	PCA 5542 titanium abutment 17° h 2 mm collar PCA 5543 titanium abutment 17° h 3 mm collar PCA 5553 titanium abutment 30° h 3 mm collar	BA 5441 OR O-RING abutment collar 1 mm BA 5443 OR O-RING abutment collar 3 mm

(*) By Rhein 83

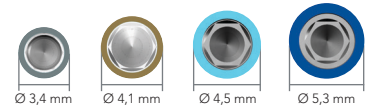
Quick guide Internal Connection

COLOUR CODING PLATFORM











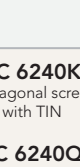








































H-SP 3,4 mm	H-MP 4,1 mm	H-RP 4,5 mm	H-WP 5,3 mm
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DIAMETERS AND COLOURS CORRESPONDENCE



SECOND PHASE PROCEDURE

	SURGEON		PROSTHODONTIST					
	COVER SCREWS	HEALING SCREW	TRANSFER FOR IMPRESSION	SAS TRANSFER	TEMPORARY ABUTMENT PEEK TITANIUM	WAXING AND CLOSURE SCREW	ANALOGUE	
H-SP 3,4 mm	 HCS 0030 cover screw	 HPK 2253 healing screw h 3 mm  HPK 2254 healing screw h 4 mm  HPK 2255 healing screw h 5 mm	 HTC 3330 coping pick-up	 HAST 5221S titanium SAS	 HTP 5530 temporary abutment 0° titanium	 HTP 5530K temporary abutment 0° PTA	 SC 6240K hexagonal screw with TIN  SC 6240Q hexagonal screw with TIN square head  SCL 6240 screw for coping pick-up	 HLR 4300 laboratory analogue
H-MP 4,1 mm	 HCS 0040 cover screw  HCS 0041 cover screw headless	 HPK 2353 healing screw h 3 mm  HPK 2354 healing screw h 4 mm  HPK 2355 healing screw h 5 mm	 HTC 3450 coping pick-up	 HAST 5231S titanium SAS	 HTP 5540 temporary 0° titanium  HTP 5541 temporary 0° titanium NOT HEXAGONAL	 HTP 5540K temporary abutment 0° PTA	 SC 6240K hexagonal screw with TIN  SC 6240Q hexagonal screw with TIN  SCL 6240 screw for coping pick-up	 HLR 4400 laboratory analogue
H-RP 4,5 mm	 HCS 0045 cover screw	 HPK 2453 healing screw h 3 mm  HPK 2454 healing screw h 4 mm  HPK 2455 healing screw h 5 mm	 HTC 3650 coping pick-up	 HAST 5241S titanium SAS	 HTP 5560 temporary 0° titanium  HTP 5561 temporary 0° titanium NOT HEXAGONAL	 HTP 5560K temporary abutment 0° PTA	 SC 6200 hexagonal screw with TIN  SC 6200Q hexagonal screw with TIN square head  SCL 6240 KA screw for coping pick-up	 HLR 4600 laboratory analogue
H-WP 5,3 mm	 HCS 0050 cover screw	 HPK 2553 healing screw h 3 mm  HPK 2554 healing screw h 4 mm  HPK 2555 healing screw h 5 mm	 HTC 3750 coping pick-up	 HAST 5241S titanium SAS	 HTP 5570 temporary abutment 0° titanium	 HTP 5560K temporary abutment 0° PTA	 SC 6200 hexagonal screw with TIN  SC 6200Q hexagonal screw with TIN square head  SCL 6240 KA screw for coping pick-up	 HLR 4700 laboratory analogue

NOTE: You can ask the company for a complete prosthetic components catalogue

FOR IMMEDIATE LOADING

DEVICES FOR HAC AND HPCA

CASTABLE FOR ABUTMENT HAC-HPCA	TEMPORARY FOR ABUTMENT HAC-HPCA	PROTECTIVE COPING FOR ABUTMENT HAC-HPCA	LABORATORY ANALOGUE FOR ABUTMENT HAC-HPCA	COPING PICK-UP FOR ABUTMENT HAC-HPCA
CNP 5062 castable for hac -HPCA abutment	TPNC 5562 Temporary for hac -HPCA abutment	HPCA 5500 Protective coping for hac -HPCA abutment HPCA 5508 Protective coping H 8 mm for hac -HPCA abutment	LRC 4602 laboratory analogue for hac -HPCA abutment	TCNT 3652 coping pick-up for hac -HPCA abutment

PROSTHETIC ABUTMENT

LABORATORY - PROSTHETIC OPTIONS - ABUTMENT

STRAIGHT TITANIUM	PRE-ANGLED TITANIUM	BONDING CONVERTER	AESTHETIC CASTABLE	AESTHETIC GOLD BASE	STRAIGHT CONICAL	PRE-ANGLED CONICAL	EQUATOR O-RING
HAST 5221 0° titanium abutment collar 1 mm	HAPT 5322 17° titanium abutment collar 2 mm	HUHP 5020 conical aesthetic castable abutment	HUHG 5120 gold base castable abutment	HAC 5522 straight conical abutment 2 mm collar	HBA 5421OR O-RING abutment 1 mm collar	HAPT 5323 17° titanium abutment collar 3 mm	HBA 5422OR O-RING abutment 2 mm collar
HAST 5222 0° titanium abutment collar 2 mm		HUNP 5021 aesthetic castable abutment NOT HEXAGONAL		HAC 5523 straight conical abutment 3 mm collar	HBA 5424OR O-RING abutment 4 mm collar		
HAST 5230 0° titanium abutment finishing shoulder	HAPT 5331 17° titanium abutment collar 1 mm	HUHG 5500 Base/Bonding base abutment with hex	HUHP 5030 conical aesthetic castable abutment	HUHG 5130 gold base castable abutment	HAC 5532 straight conical abutment 2 mm collar	HAPT 5333 17° titanium abutment collar 3 mm	HBA 5431OR O-RING abutment 1 mm collar
HAST 5231 0° titanium abutment collar 1 mm		HUNG 5600 Base/Bonding base abutment without hex	HUNP 5031 aesthetic castable abutment NOT HEXAGONAL		HAC 5533 straight conical abutment 3 mm collar		HBA 5433OR O-RING abutment 1 mm collar
HAST 5233 0° titanium abutment collar 3 mm			HUHP 5030K JOINTED aesthetic castable abutment		HAC 5534 straight conical abutment 4 mm collar		130ITS42 (*) Equator abutment 2 mm collar
							130ITS43 (*) Equator abutment 3 mm collar
HAST 5240 0° titanium abutment finishing shoulder	HAPT 5341 17° titanium abutment collar 1 mm		HUHP 5040 aesthetic castable abutment	HUHG 5140 gold base castable abutment	HAC 5542 straight conical abutment 2 mm collar		HBA 5441OR O-RING abutment 1 mm collar
HAST 5241 0° titanium abutment collar 1 mm	HAPT 5343 17° titanium abutment collar 3 mm		HUNP 5041 aesthetic castable abutment NOT HEXAGONAL		HAC 5544 straight conical abutment 4 mm collar		HBA 5442OR O-RING abutment 2 mm collar
HAST 5243 0° titanium abutment collar 3 mm							HBA 5443OR O-RING abutment 3 mm collar
HAST 5251 0° titanium abutment collar 1 mm	HAPT 5351 17° titanium abutment collar 1 mm		HUHP 5050 aesthetic castable abutment	HUHG 5150 gold base castable abutment	HAC 5542 straight conical abutment 2 mm collar		HBA 5451OR O-RING abutment 1 mm collar
HAST 5253 0° titanium abutment collar 3 mm	HAPT 5352 17° titanium abutment collar 2 mm		HUNP 5051 aesthetic castable abutment NOT HEXAGONAL		HAC 5544 straight conical abutment 4 mm collar		HBA 5452OR O-RING abutment 2 mm collar
							HBA 5454OR O-RING abutment 4 mm collar

QUICK GUIDE INTERNAL CONNECTION

PROSTHETIC CATALOGUE

(*) By Rhein 83

SECOND PHASE COMPONENTS

ITS torque wrench

PRECISE

Made of steel.

Tightening can be managed with a variation of 5 Ncm

The torque range can be managed between 10 and 70 Ncm.

FUNCTIONAL

Lightness and anatomical shape promote easy access during surgery and consequent comfort in the steps of surgery in the oral cavity, even in posterior areas.

The ITS torque wrench may also be used as a fixed wrench in immediate loading procedures.

TIGHTENING TORQUE

Torque precision of implant components, whether for healing or customised abutments, is critical to the success of the rehabilitation.

Well-calibrated tightening can only be guaranteed using a precision instrument, equipped with a system that allows full adjustment of the insertion force.

The ITS torque wrench with ring nut to select screwing torque ensures controlled torque from a minimum of 10 Ncm to a maximum of 70 Ncm.



CK 7201



CK 7202



CK 7203

Healing abutment

CONICAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	PROFILE	COLLAR
	K-SP 2,9 mm	KPK 2720	Healing abutment	Ø 4,5 mm	h 0,7 mm
		KPK 2721	Healing abutment	Ø 4,5 mm	h 1,5 mm
		KPK 2723	Healing abutment	Ø 4,5 mm	h 3,0 mm
	K UNIVERSAL	KPK 2860	Healing abutment	Ø 4 mm	h 0,5 mm
		KPK 2760	Healing abutment	Ø 4,5 mm	h 0,7 mm
		KPK 2761	Healing abutment	Ø 4,5 mm	h 1,5 mm
		KPK 2763	Healing abutment	Ø 4,5 mm	h 3,0 mm
		KPK 2660	Healing abutment	Ø 5,5 mm	h 0,7 mm
		KPK 2661	Healing abutment	Ø 5,5 mm	h 1,5 mm
		KPK 2663	Healing abutment	Ø 5,5 mm	h 3,0 mm

EXTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	PROFILE	COLLAR
	SP 3,4 mm	PK 2333	Healing abutment	Ø 3,4 mm	h 3 mm
		PK 2334	Healing abutment	Ø 3,4 mm	h 4 mm
		PK 2335	Healing abutment	Ø 3,4 mm	h 5 mm
	MP 4,1 mm	PK 2453	Healing abutment	Ø 4 mm	h 3 mm
		PK 2454	Healing abutment	Ø 4 mm	h 4 mm
		PK 2455	Healing abutment	Ø 4 mm	h 5 mm
	LP 5 mm	PK 2553	Healing abutment	Ø 5 mm	h 3 mm
		PK 2554	Healing abutment	Ø 5 mm	h 4 mm
		PK 2555	Healing abutment	Ø 5 mm	h 5 mm

INTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	PROFILE	COLLAR
	H-SP 3,4 mm	HPK 2253	Healing abutment	Ø 3,4 mm	h 3 mm
		HPK 2254	Healing abutment	Ø 3,4 mm	h 4 mm
		HPK 2255	Healing abutment	Ø 3,4 mm	h 5 mm
	H-MP 4,1 mm	HPK 2353	Healing abutment	Ø 4 mm	h 3 mm
		HPK 2354	Healing abutment	Ø 4 mm	h 4 mm
		HPK 2355	Healing abutment	Ø 4 mm	h 5 mm
	H-RP 4,5 mm	HPK 2453	Healing abutment	Ø 4,5 mm	h 3 mm
		HPK 2454	Healing abutment	Ø 4,5 mm	h 4 mm
		HPK 2455	Healing abutment	Ø 4,5 mm	h 5 mm
H-WP 5,3 mm	HPK 2553	Healing abutment	Ø 5,3 mm	h 3 mm	
	HPK 2554	Healing abutment	Ø 5,3 mm	h 4 mm	
	HPK 2555	Healing abutment	Ø 5,3 mm	h 5 mm	


Transfer for pick-up impression (direct technique)

This comprises a device (coping) and a locking guide pin which is screwed directly into the implant.


The transfer is used with a drilled impression tray, coupled to the hexagon of the implant to properly transfer the position.

Before removing the impression from the oral cavity, the locking guide pins are unscrewed.



CONICAL CONNECTION

	PLATFORM	CODE	DESCRIPTION
	K-SP 2,9 mm	KTC 3820	Coping pick-up
	K UNIVERSAL	KTC 3860	Coping pick-up

EXTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION
	SP 3,4 mm	TC 3330	Coping pick-up
		TC 3331	Rotating coping pick-up
	MP 4,1 mm	TC 3450	Coping pick-up
		TC 3451	Rotating coping pick-up
	LP 5 mm	TC 3550	Coping pick-up

INTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION
	H-SP 3,4 mm	HTC 3330	Coping pick-up
	H-MP 4,1 mm	HTC 3450	Coping pick-up
	H-RP 4,5 mm	HTC 3650	Coping pick-up
	H-WP 5,3 mm	HTC 3750	Coping pick-up
		TCNT 3652	Coping abutment for immediate loading. Detects the position of the abutment on the plaster template.

Transfer for snap impression (indirect technique)

The SAS impression procedure involves detecting the implant position using a standard impression tray. The SAS transfer abutment ensures optimal coupling and precise impression taking in cases of major disparallelism and / or in situations with a reduced apical / coronal sense of spatiality, requiring a limited prosthesis size, compared to that of a traditional transfer coping pick up. It consists of two pieces: The metallic transfer and the plastic coping. When removing the impression tray, only the plastic coping will automatically remain in the material for the hardened impression. Once the metal transfer is unscrewed and removed, the technician shall mount it on the analogue using the screw and insert it into the tray.

CONICAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	COLLAR
	K-SP 2,9 mm	KAST 5221S	SAS titanium	h 1,5 mm
	K UNIVERSAL	KAST 5261S	SAS titanium	h 1,5 mm
		KAST 5263S	SAS titanium	h 3,0 mm

EXTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	COLLAR
	SP 3,4 mm	AST 5231S	SAS titanium	h 1,5 mm
	MP 4,1 mm	AST 5241S	SAS titanium	h 1,5 mm

INTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	COLLAR
	H-SP 3,4 mm	HAST 5221S	SAS titanium	h 1,5 mm
	H-MP 4,1 mm	HAST 5231S	SAS titanium	h 1,5 mm
	H-RP 4,5 mm	HAST 5241S	SAS titanium	h 1,5 mm

Accessories


	CODE	DESCRIPTION
	TCS 00	Impression coping
	MD 7020	Large short hexagonal driver
	MD 7021	Large long hexagonal driver
	CD 7120	Large short hexagonal connection
	CD 7121	Large short hexagonal connection

Laboratory analogue


Available in titanium with conical platform, external hex and internal hex.

The analogue is also available for the immediate loading abutment, the Kone Weld System abutment and the SAS abutment. Their shape faithfully reproduces the reference abutment head.



CONICAL CONNECTION

	PLATFORM	CODE	DESCRIPTION
	K-SP 2,9 mm	KLR 4200	Conical analogue Ø 2.9 mm
	K UNIVERSAL	KLR 4800	Universal conical analogue

EXTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION
	SP 3,4 mm	LR 4300	Flat analogue 3.4 mm
	MP 4,1 mm	LR 4400	Flat analogue 4.1 mm
	LP 5 mm	LR 4500	Flat analogue 5.0 mm

INTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION
	H-SP 3,4 mm	HLR 4300	Flat analogue 3.4 mm
	H-MP 4,1 mm	HLR 4400	Flat analogue 4.1 mm
	H-RP 4,5 mm	HLR 4600	Flat analogue 4.5 mm
	H-WP 5,3 mm	HLR 4700	Flat analogue 5.3 mm
		LRC 4602	Analog for immediate loading abutment.
		LRC 4603	Analog for Kone Weld System abutment
		LR 4780	Analog for SAS abutment

CONICAL CONNECTION

	PLATFORM	CODE	DESCRIPTION
	K-SP 2,9 mm	KSC 6120	Screw for cobalt-chrome base Ø 2.9 mm
	K UNIVERSAL	KSC 6100	Screw for conical castable
		KSC 6150	Screw for cobalt-chrome base

EXTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION
	SP 3,4 mm	SC 6110	Hexagonal screw in titanium
	MP 4,1 mm	SC 6220	Hexagonal screw special treatment
	LP 5 mm	SC 6220Q	Hexagonal screw special treatment

INTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION
	H-SP 3,4 mm	SC 6240K	Hexagonal screw special treatment
	H-MP 4,1 mm	SC 6240Q	Hexagonal screw special treatment
	H-RP 4,5 mm	SC 6200	Hexagonal screw special treatment
	H-WP 5,3 mm	SC 6200Q	Hexagonal screw special treatment
		SAC 6600	Closure screw for conical abutment angled and straight

EXTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION
	SP 3,4 mm	SCL 6230	Work screw
	MP 4,1 mm	LP 5 mm	SCL 6240KA

INTERNAL CONNECTION

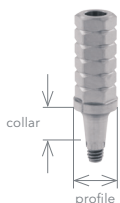
	PLATFORM	CODE	DESCRIPTION	
	H-SP 3,4 mm	H-MP 4,1 mm	SCL 6240	Work screw
	H-RP 4,5 mm	H-WP 5,3 mm	SCL 6240KA	Work screw

Temporary abutment - TITANIUM


The ITS® prosthesis line has temporary cylinders with hexagonal or rotating bases to be used for the screwed or cemented reconstruction of crowns and bridges on implants. The technique, just like conventional prostheses, provides for the possibility of adapting an acrylic crown directly in your practice, or even a temporary one prepared by the technician in the laboratory.

Each pack includes a titanium tightening screw.



CONICAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	TYPE
	K-SP 2,9 mm	KTP 5520	Temporary titanium h 1.5 mm	
		KTP 5561	Temporary titanium h 1.5 mm smooth	
	K UNIVERSAL	KTP 5563	Temporary titanium h 3 mm smooth	
		KTP 5570	Temporary titanium h 1.5 mm	
		KTP 5573	Temporary titanium h 3 mm	

EXTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	TYPE
	SP 3,4 mm	TP 5530	Temporary titanium	Hexagonal
		TP 5531	Temporary titanium	Non-Hexagonal
	MP 4,1 mm	TP 5540	Temporary titanium	Hexagonal
		TP 5541	Temporary titanium	Non-Hexagonal
	LP 5 mm	TP 5550	Temporary titanium	Hexagonal
		TP 5551	Temporary titanium	Non-Hexagonal

INTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	TYPE
	H-SP 3,4 mm	HTP 5530	Temporary titanium	Hexagonal
		H-MP 4,1 mm	HTP 5540	Temporary titanium
	H-RP 4,5 mm		HTP 5541	Temporary titanium
		H-WP 5,3 mm	HTP 5560	Temporary titanium
	HTP 5561		Temporary titanium	Non-Hexagonal
		TPNC 5562	Cannula for immediate loading	
		TPNC 5563	Smooth cannula for welding on abutment	

Temporary abutment - PTA

The provisional PTA abutments are made of a high-precision plastic material known as Peek, and are used to create single and multiple aesthetic prostheses, that can be both screwed and cemented. This entails the particularly simple and innovative management of modern implant prostheses.


THE CLINICAL BENEFITS ARE AS FOLLOWS:

- » Reduction of preparation time while maintaining extreme accuracy and stability of the device
- » Excellent aesthetic result
- » Optimum conditioning of soft tissues
- » Reduction of components and cost optimisation.


Available in the 0° version for external or internal connection implant platforms, 2 mm collar.

For the conical connection, the abutment is a single-piece that can be milled with integrated screw.

CONICAL CONNECTION

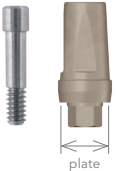
	PLATFORM	CODE	DESCRIPTION
	K UNIVERSAL	KTP 5580	Straight PTA

EXTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION
	SP 3,4 mm	TP 5530K	Straight PTA
	MP 4,1 mm	TP 5540K	Straight PTA
	LP 5 mm		

Temporary 4.1 mm PTA abutments can be coupled on 5.0 mm platforms using the Platform Switching technique (Prosthetic lateralisation).

INTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION
	H-SP 3,4 mm	HTP 5530K	Straight PTA
	H-MP 4,1 mm	HTP 5540K	Straight PTA
	H-RP 4,5 mm	H-WP 5,3 mm	HTP 5560K

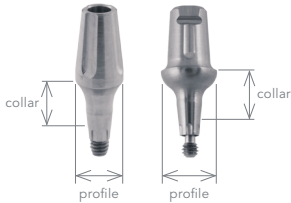
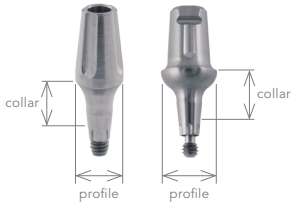
Temporary 4.5 mm PTA abutments can be coupled on 5.3 mm platforms using the Platform Switching technique (Prosthetic lateralisation).

AST abutment - STRAIGHT TITANIUM

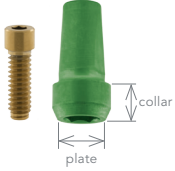
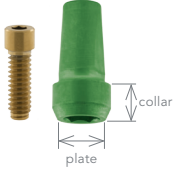
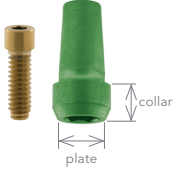
Thanks to its morphology, the straight and angled titanium abutment may be used in the prosthetic restoration of individual teeth, bridges or the entire jaw. It is a simple solution for those who want to use cemented prosthetic implant techniques.

The abutments are prepared by the technician in the laboratory which allows the preparation of the margins so that they fit the contour of the gum perfectly.

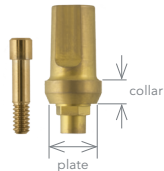
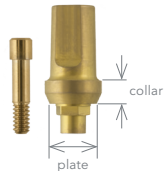
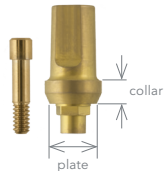
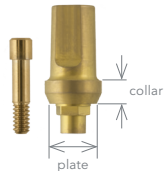
CONICAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	COLLAR
	K-SP 2,9 mm	KASN 5220	Straight titanium finishing	h 0,7 mm
		KASN 5221	Straight titanium finishing	h 1,5 mm
		KASN 5223	Straight titanium finishing	h 3,0 mm
	K UNIVERSAL	KASN 5260	Straight titanium finishing	h 0,7 mm
		KASN 5261	Straight titanium finishing	h 1,5 mm
		KASN 5263	Straight titanium finishing	h 3,0 mm
		KASN 5264	Straight titanium chamfer	h 4,5 mm
		KAST 5260	Straight titanium chamfer	h 0,7 mm
		KAST 5261	Straight titanium chamfer	h 1,5 mm
		KAST 5263	Straight titanium chamfer	h 3,0 mm

EXTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	COLLAR
	SP 3,4 mm	AST 5231	Straight titanium	h 1 mm
		AST 5233	Straight titanium	h 3 mm
	MP 4,1 mm	AST 5241	Straight titanium	h 1 mm
		AST 5243	Straight titanium	h 3 mm
	LP 5 mm	AST 5251	Straight titanium	h 1 mm
		AST 5253	Straight titanium	h 3 mm

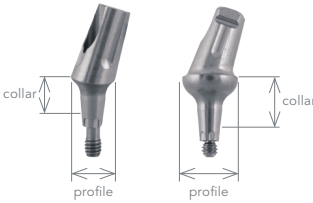

INTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	COLLAR
	H-SP 3,4 mm	HAST 5221	Straight titanium	h 1 mm
		HAST 5222	Straight titanium	h 2 mm
	H-MP 4,1 mm	HAST 5231	Straight titanium	h 1 mm
		HAST 5233	Straight titanium	h 3 mm
	H-RP 4,5 mm	HAST 5241	Straight titanium	h 1 mm
		HAST 5242	Straight titanium	h 2 mm
	H-WP 5,3 mm	HAST 5243	Straight titanium	h 3 mm
		HAST 5251	Straight titanium	h 1 mm
		HAST 5253	Straight titanium	h 3 mm

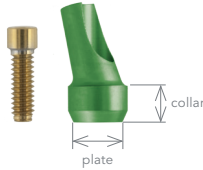
APT abutment - PREANGLED 17° and 25°

The straight titanium abutments are used when there is no excessive disparallelism (max. 7/8 degrees), while preangled 17° are used where the implants do not offer an alignment that would ensure the prosthetic restorations.

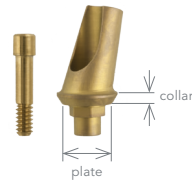
CONICAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	COLLAR
	K-SP 2,9 mm	KAPN 5220	Preangled 17° finishing	h 0,7 mm
		KAPN 5221	Preangled 17° finishing	h 1,5 mm
		KAPN 5223	Preangled 17° finishing	h 3,0 mm
	K UNIVERSAL	KAPN 5260	Preangled 17° finishing	h 0,7 mm
		KAPN 5261	Preangled 17° finishing	h 1,5 mm
		KAPN 5263	Preangled 17° finishing	h 3,0 mm
		KAPN 5264	Preangled 17° finishing	h 4,5 mm
		KAPN 5270	Preangled 25° finishing	h 0,7 mm
		KAPN 5271	Preangled 25° finishing	h 1,5 mm
		KAPN 5273	Preangled 25° finishing	h 3,0 mm
		KAPT 5360	Preangled 17° chamfer	h 0,7 mm
		KAPT 5361	Preangled 17° chamfer	h 1,5 mm
		KAPT 5363	Preangled 17° chamfer	h 3,0 mm

EXTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	COLLAR	
	SP 3,4 mm	APT 5332	Preangled 17°	h 2 mm	
		MP 4,1 mm	APT 5341	Preangled 17°	h 1 mm
			APT 5343	Preangled 17°	h 3 mm
LP 5 mm	APT 5351	Preangled 17°	h 1 mm		
	APT 5353	Preangled 17°	h 3 mm		

INTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	COLLAR
	H-SP 3,4 mm	HAPT 5322	Preangled 17°	h 2 mm
		HAPT 5323	Preangled 17°	h 3 mm
	H-MP 4,1 mm	HAPT 5331	Preangled 17°	h 1 mm
		HAPT 5333	Preangled 17°	h 3 mm
	H-RP 4,5 mm	HAPT 5341	Preangled 17°	h 1 mm
		HAPT 5343	Preangled 17°	h 3 mm
	H-WP 5,3 mm	HAPT 5351	Preangled 17°	h 1 mm
		HAPT 5352	Preangled 17°	h 2 mm

Bonding converter

ITS offers a wide range of bonding converters with conical external and internal prosthetic connection, available in **rotating** version and **Indexed / Hexagonal** and in transmucosal heights available from 1, 2 and 3 mm, allowing the creation of individual abutments in **cobalt-chrome and zirconium oxide** with the bonding technique.

The abutments are supplied with final screw in grade 5 titanium, which fixes the bonding converter to the implant in the correct position and with a high value of retentiveness. The customised abutment is then held in place with anaerobic cement.

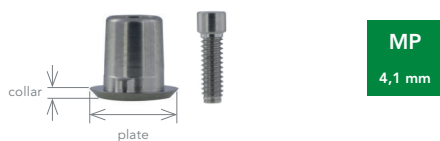
CONICAL CONNECTION

PLATFORM	CODE	DESCRIPTION	TYPE
	KUHG 5500	Bond converter conical h 1 mm	Indexed
	KUHG 5600	Bond converter conical h 1 mm	Rotating
	KUHG 5502	Bond converter conical h 2 mm	Indexed
	KUHG 5602	Bond converter conical h 2 mm	Rotating
	KUHG 5503	Bond converter conical h 3 mm	Indexed
	KUHG 5603	Bond converter conical h 3 mm	Rotating



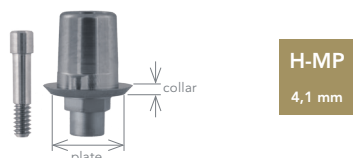
EXTERNAL CONNECTION

PLATFORM	CODE	DESCRIPTION	TIPOLOGIA
	UHG 5400	Bonding converter hexagonal external	Hexagonal
	UNG 5401	Bonding converter hexagonal external	Rotating



INTERNAL CONNECTION

PLATFORM	CODE	DESCRIPTION	TYPE
	HUHG 5500	Base / bonding converter flat 4 mm	Hexagonal
	HUNG 5600	Base / bonding converter flat 4 mm	Rotating





Aesthetic abutment - CASTABLE





These are designed to provide maximum versatility and aesthetics in single, multiple and total prostheses. These abutments enable prosthetic restorations even in the most complex cases and are available with an anti-rotational hexagon for individual or custom rebuilds and rotating (without hexagon) for multiple or total restorations with bar.

The aesthetic abutment is recommended in situations where the inter-arch space is minimal and where implants with angle up to 30° / 40° degrees are required. The abutment is available as a castable, in precious metal palladium and cobalt chromium.

CONICAL CONNECTION






	PLATFORM	CODE	DESCRIPTION	TYPE
		KUHP 5000	Aesthetic castable	

EXTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	TYPE
		UHP 5030	Aesthetic castable	Hexagonal
		UNP 5031	Aesthetic castable	Non-Hexagonal
		UHP 5040	Aesthetic castable	Hexagonal
		UNP 5041	Aesthetic castable	Non-Hexagonal
		UHP 5040K	Jointed castable	Hexagonal
		UNP 5041K	Jointed castable	Non-Hexagonal
	UHP 5050	Aesthetic castable	Hexagonal	
	UNP 5051	Aesthetic castable	Non-Hexagonal	

(*) Dedicated driver pag. 34

INTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	TYPE
		HUHP 5020	Aesthetic castable	Hexagonal
		HUNP 5021	Aesthetic castable	Non-Hexagonal
		HUHP 5030	Aesthetic castable	Hexagonal
		HUNP 5031	Aesthetic castable	Non-Hexagonal
		HUHP 5030K	Jointed castable	Hexagonal
		HUHP 5040	Aesthetic castable	Non-Hexagonal
		HUNP 5041	Aesthetic castable	Hexagonal
		HUHP 5050	Aesthetic castable	Non-Hexagonal
		HUNP 5051	Aesthetic castable	Hexagonal

(*) Dedicated driver pag. 34

Aesthetic abutment COBALT-CHROME and GOLD BASES

A quick, predictable and cheap way to achieve screwed or cemented crowns on implants. Notoriously, the most secure and predictable method to create custom abutments involves the use of castable cannula with a precious metal base.


These ensure the creation of a custom crown via the perfect fusion between the prosthetic parts.

TECHNICAL FEATURES OF COBALT-CHROME


The Cobalt-Chrome alloy is characterised by high resistance to corrosion, due to its biocompatibility, and the low hardness which means the wear from cutters is considerably reduced.

The use of CAD CAM techniques allows us to overcome the limitations of traditional fusion techniques, thus managing to change virtually any irregularities and undercuts on the abutments, to identify the preparation margins, and to allow a complete design of the structure to be built.


CONICAL CONNECTION

	PLATFORM	CODE	DESCRIPTION
	K-SP 2,9 mm	KUHG 5200	Cobalt-chrome base
	K UNIVERSAL	KUHG 5000	Cobalt-chrome base
		KUHG 5100	Gold base aesthetic abutment

EXTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	TYPE
	SP 3,4 mm	UHG 5130	Aesthetic abutment in gold alloy	Hexagonal
		UNG 5131	Aesthetic abutment in gold alloy	Non-Hexagonal
	MP 4,1 mm	UHG 5140	Aesthetic abutment in gold alloy	Hexagonal
		UNG 5141	Aesthetic abutment in gold alloy	Non-Hexagonal
	LP 5 mm	UHG 5150	Aesthetic abutment in gold alloy in	Hexagonal

INTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	TYPE
	H-SP 3,4 mm	HUHG 5120	Aesthetic abutment in gold alloy	Hexagonal
	H-MP 4,1 mm	HUHG 5130	Aesthetic abutment in gold alloy	Hexagonal
	H-RP 4,5 mm	HUHG 5140	Aesthetic abutment in gold alloy	Hexagonal
	H-WP 5,3 mm	HUHG 5150	Aesthetic abutment in gold alloy	Hexagonal

Equator abutment (By Rhein 83)

Is the smallest dimensional attachment system in the market counting on a reduced vertical profile of 2.1 mm with a 4.4 mm diameter.

Compatible with all implant systems and brands. The innovative design of the Equator attachment provides a superior stability and retention to the prosthesis.

CONICAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	COLLAR
		130KR01	Equator abutment	h 1,5 mm
		130KR03	Equator abutment	h 3,0 mm

EXTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	COLLAR
		130BRK2	Equator abutment	h 2,0 mm
		130BRK3	Equator abutment	h 3,0 mm

INTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	COLLAR
		130ITS42	Equator abutment	h 2,0 mm
		130ITS43	Equator abutment	h 3,0 mm

Accessories

	CODE	DESCRIPTION
	140CEV	Retentive coping - purple (strong 2700g)
	140CET	Retentive coping - clear white (standard 1800g)
	140CER	Retentive coping - pink (soft 1200g)
	140CEG	Retentive coping - yellow (extra-soft 600g)
	141CAE	Coping stainless steel containers
	774CHE	Square wrench + holder for screwing Ot-equator

O-Ring abutment

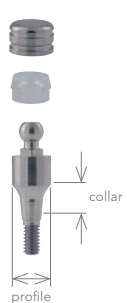
The abutment with ball attachment is recommended for overdentures supported by two or more implants and partially supported by soft tissue.

The O-Ring abutment (Male), available in various heights, is screwed directly into the implant and the retentive female is fixed to the prosthesis according to the direct technique (practice) or indirect (laboratory).

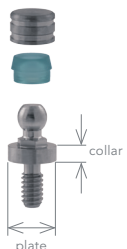
If the implants show excessive disparallelism, the use of a specific castable abutment is recommended.

The kit includes a titanium abutment, a container, two retention copings and a spacer.

CONICAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	COLLAR
	K-SP 2,9 mm	KBA 5421OR	O-Ring abutment	h 1,5 mm
		KBA 5423OR	O-Ring abutment	h 3,0 mm
	K UNIVERSAL	KBA 5461OR	O-Ring abutment	h 1,5 mm
		KBA 5463OR	O-Ring abutment	h 3,0 mm
		KBA 5464OR	O-Ring abutment	h 4,5 mm








EXTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	COLLAR
	SP 3,4 mm	BA 5431OR	O-Ring abutment	h 1,0 mm
		BA 5433OR	O-Ring abutment	h 3,0 mm
	MP 4,1 mm LP 5 mm	BA 5441OR	O-Ring abutment	h 1,0 mm
		BA 5443OR	O-Ring abutment	h 3,0 mm

INTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION	COLLAR
	H-SP 3,4 mm	HBA 5421OR	O-Ring abutment	h 1,0 mm
		HBA 5422OR	O-Ring abutment	h 2,0 mm
		HBA 5424OR	O-Ring abutment	h 4,0 mm
	H-MP 4,1 mm	HBA 5431OR	O-Ring abutment	h 1,0 mm
		HBA 5433OR	O-Ring abutment	h 3,0 mm
	H-RP 4,5 mm	HBA 5441OR	O-Ring abutment	h 1,0 mm
		HBA 5442OR	O-Ring abutment	h 2,0 mm
		HBA 5443OR	O-Ring abutment	h 3,0 mm
	H-WP 5,3 mm	HBA 5451OR	O-Ring abutment	h 1,0 mm
		HBA 5452OR	O-Ring abutment	h 2,0 mm
		HBA 5454OR	O-Ring abutment	h 4,0 mm

Accessories

	CODE	DESCRIPTION
	DBA 7030	O-Ring Driver
	CD 7030	O-Ring handpiece connection
	040 CRN	Transparent coping
	040 CRN	Pink coping
	049 PCN	Green coping
	100 AD	3 directional rings kit 0°, 7° or 14°
	100 PD	Protective disc

COMPONENT LIST FOR IMMEDIATE LOADING

Straight conical abutment

Conical abutments are a great alternative to the traditional product made on aesthetic abutments or in titanium. It is the ideal solution for screw-retained implant prostheses, in cases of partial or total edentulous patients and immediate or delayed loading.

Conical abutments act as a transgingival element for prosthetic components and are screwed to the implant after selecting transmucosal height.

CONICAL CONNECTION



PLATFORM	CODE	DESCRIPTION	COLLAR
K-SP 2,9 mm	KAC 5522	Straight conical	h 2,5 mm
	KAC 5540	Straight conical	h 0,7 mm
K UNIVERSAL	KAC 5541	Straight conical	h 1,5 mm
	KAC 5542	Straight conical	h 2,5 mm
	KAC 5544	Straight conical	h 4,0 mm

EXTERNAL CONNECTION



PLATFORM	CODE	DESCRIPTION	COLLAR
SP 3,4 mm	AC 5532	Straight conical	h 2 mm
	AC 5533	Straight conical	h 3 mm
MP 4,1 mm	AC 5542	Straight conical	h 2 mm
	AC 5543	Straight conical	h 3 mm
	AC 5544	Straight conical	h 4 mm

AC 4.1 mm PTA abutments can be coupled on 5.0 mm platforms using the Platform Switching technique (Prosthetic lateralisation).











INTERNAL CONNECTION



PLATFORM	CODE	DESCRIPTION	COLLAR
H-SP 3,4 mm	HAC 5522	Straight conical	h 2 mm
	HAC 5523	Straight conical	h 3 mm
H-MP 4,1 mm	HAC 5532	Straight conical	h 2 mm
	HAC 5533	Straight conical	h 3 mm
	HAC 5534	Straight conical	h 4 mm
H-RP 4,5 mm	H-WP 5,3 mm	HAC 5542	h 2 mm
HAC 5544		h 4 mm	

HAC 4.5 mm PTA abutments can be coupled on 5.3 mm platforms using the Platform Switching technique (Prosthetic lateralisation).

Accessories

	CODE	DESCRIPTION
	DKAC 5500	Straight conical abutment driver
	CD 7080	Straight conical abutment handpiece connection
	TCNT 3652	Impression transfer for abutment level
	LRC 4602	Conical abutment analogue
	TPNC 5562	Titanium temporary abutment cannula
	SAC 6600	Tightening screw
	CNP 5062	Castable cylinder
	SAC 6600	Tightening screw
	HPCA 5500	Protection
	HPCA 5508	Protection h 8mm

NOTE: A procedures manual for immediate temporary prostheses is available for free.

COMPONENT LIST FOR IMMEDIATE LOADING

Conical abutment – PREANGLED 17° and 30°

Conical abutments angled at 17° and 30° are a great alternative to the traditional product made on aesthetic abutments or in titanium.

It is the ideal solution for screw-retained implant prostheses, in cases of partial or total edentulous patients and immediate or delayed loading, even in cases of disparallelism between multiple implants.

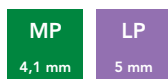
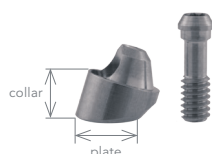
Conical abutments act as a transgingival element for prosthetic components and are screwed to the implant after selecting transmucosal height.

CONICAL CONNECTION



PLATFORM	CODE	DESCRIPTION	COLLAR
	KPCA 5581	Conical 17°	h 1,5 mm
	KPCA 5582	Conical 17°	h 2,5 mm
	KPCA 5584	Conical 17°	h 4,0 mm
	KPCA 5591	Conical 30°	h 1,5 mm
	KPCA 5592	Conical 30°	h 2,5 mm
	KPCA 5594	Conical 30°	h 4,0 mm

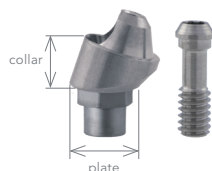
EXTERNAL CONNECTION



PLATFORM	CODE	DESCRIPTION	COLLAR
	PCA 5542	Conical 17°	h 2,0 mm
	PCA 5543	Conical 17°	h 3,0 mm
	PCA 5553	Conical 30°	h 3,0 mm

PCA 4.1 mm PTA abutments can be coupled on 5.0 mm platforms using the Platform Switching technique (Prosthetic lateralisation).









INTERNAL CONNECTION



PLATFORM	CODE	DESCRIPTION	COLLAR
	HPCA 5532	Conical 17°	h 2,0 mm
	HPCA 5543	Conical 30°	h 3,0 mm

HPCA 4.5 mm PTA abutments can be coupled on 5.3 mm platforms using the Platform Switching technique (Prosthetic lateralisation).






Accessories

	CODE	DESCRIPTION
	DPCA 7070	Abutment positioner
	TCNT 3652	Abutment level
	LRC 4602	Abutment analogue
	TPNC 5562	Temporary cannula
	SAC 6600	Tightening screw
	CNP 5062	Castable cylinder
	SAC 6600	Tightening screw
	HPCA 5500	Protection
	HPCA 5508	Protection h 8mm






NOTE: A procedures manual for immediate temporary prostheses is available for free.

Drivers and connections

PROSTHESIS DRIVERS

	CODE	DESCRIPTION
	MD 7010	Short hexagonal driver 0.9 mm
	MD 7011	Long hexagonal driver 0.9 mm
	MD 7020	Short hexagonal driver 1.2 mm
	MD 7021	Long hexagonal driver 1.2 mm
	MD 7030	Short square driver
	MD 7031	Long square driver
	DBA 7030	O-ring driver
	MD 0000	Handpiece connection adapter
	DKAC 5500	Straight conical driver
	DPCA 7070	Preangled conical driver

PROSTHESIS CONNECTIONS

	CODE	DESCRIPTION
	CD 7110	Short hexagonal connection 0.9 mm
	CD 7111	Long hexagonal connection 0.9 mm
	CD 7120	Short hexagonal connection 1.2 mm
	CD 7121	Long hexagonal connection 1.2 mm
	CD 7130	Short square connection
	CD 7131	Long square connection
	CD 7070	Handpiece connection for jointed castable
	CD 7030	O-ring abutment connection
	CD 7080	Straight conical abutment connection

Prosthesis kits - Laboratory clamps

EXTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION
	SP 3,4 mm	LRM 4300	Clamp
	MP 4,1 mm	LRM 4400	Clamp
	LP 5 mm	LRM 4500	Clamp

INTERNAL CONNECTION

	PLATFORM	CODE	DESCRIPTION
	H-SP 3,4 mm	HLRM 4300	Clamp
	H-MP 4,1 mm	HLRM 4400	Clamp
	H-RP 4,5 mm	HLRM 4600	Clamp
	H-WP 5,3 mm	HLRM 4700	Clamp

- K1200
- HK1200



Screw removal kits

K1200 EXTERNAL CONNECTION

	CODE	DESCRIPTION
	CLT1	Manual taper to check and correct the implant internal thread (2,0 mm pitch)

HK1200 INTERNAL CONNECTION

	CODE	DESCRIPTION
	CLT0	Manual taper to check and correct the implant internal thread (1,6 mm pitch)

REMOVAL KIT FOR PROSTHETIC ABUTMENTS

	CODE	DESCRIPTION
	MD 2000	Tool for disabling the conical connection, implant abutment and resulting in the removal of the prosthetic abutment

SUPPORT AND TEACHING MATERIALS



TRAINING AND TEACHING

Essemme components organises regular update meetings aiming to provide clinical and scientific information on the various subjects related to implant prosthesis and surgery.

Basic training programmes for the novice professional are proposed, as well as advanced techniques for the more demanding professional.

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