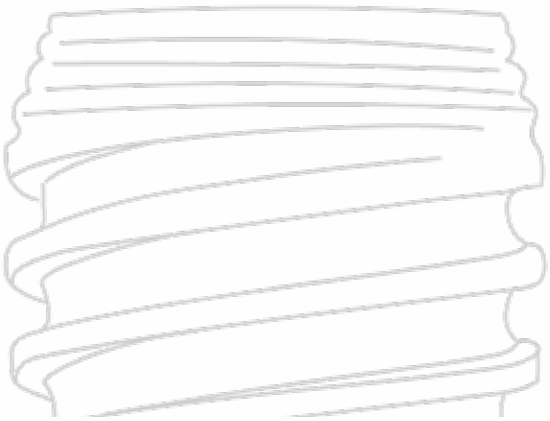
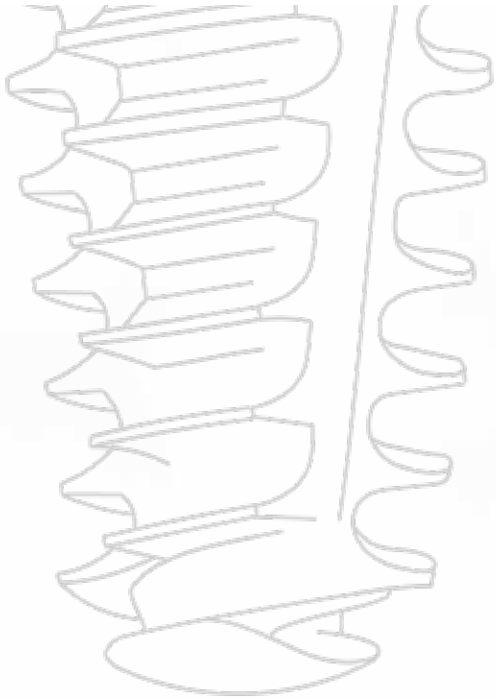
ARGON
MEDICAL DEVICES & DENTAL IMPLANTS

QUALITY & DESIGN
MADE IN GERMANY



k3pro®

KONUS DENTAL IMPLANTS



PRODUCT CATALOG

2026/27

Content

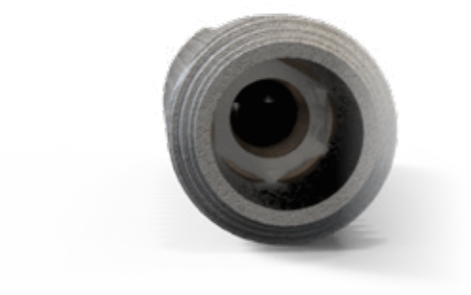
The unique, innovative and proven implant

OUR HISTORY

For more than 25 years, Argon has been at the forefront of implant innovation, delivering a comprehensive system built on proven principles and expertise. Committed to collaboration, we work closely with our customers to ensure a high-quality solution that meets today's needs and shapes the future.

ENGINEER-LED MANAGEMENT BACKED BY SCIENCE

While Argon's implants and instruments are proprietary innovations developed by our engineer-led management, we place equal importance on collaborating with specialists to enrich and expand our product portfolio. With prosthetics, Argon has been providing titanium adhesive bases for milling digital crowns since 2010 and has developed drilling protocols for minimally invasive procedures and maximum precision with particularly reduced bone volume since 2013. Since 2017, we have been working alongside Dr. med. dent. Kai Zwanzig, a highly esteemed German implantology specialist, who serves as our scientific advisor in the development of prosthetic components for the Stable Tissue Concept. In 2021, we introduced our Compress implant (C-Line), featuring an additional thread design, that is designed to allow greater primary stability in softer bone. We take great pride in our live surgery implantology training program, a collaborative effort with well-known national and international speakers, held at Argon's in-house clinic in Bingen am Rhein.



THE TAPERED CONNECTION - IMPLANT AND ABUTMENT

Argon's K3Pro® implant, like its predecessors, throughout the company's history, are built on a 1.5° conical connection between the implant and abutment. In recent years, the global market has moved toward conical implant systems, moving away from so-called traditional "tube-in-tube" or "butt-joint connections."

THE IMPORTANCE OF A CONICAL CONNECTION

Both scientific studies and practical experience in implantology have consistently revealed a common occurrence of crestal bone loss (and associated gingival recession) around the implant shoulder, particularly in the initial years following implant placement. Observations have shown that the cause of this is a result of too much load on the cortical bone, primarily bacterial colonization on the interior of the implant. As a result, bacteria is pumped into and out of the implant by the chewing load and the accompanying micro-movements, leading to implant surface contamination and accelerating bone resorption. To counteract this, the primary goal is to improve the seal around the implant, which is achieved using various conical configurations. These conical configurations can have either a steep or flat angle, depending on the specific approach.

THE IMPLANT-ABUTMENT INTERFACE

A scientific study comparing the theoretical concept of welding an implant and abutment to the conventional screw-retained approach in two piece implant systems has revealed an important insight: significant marginal bone loss is primarily linked to microvements at implant-abutment interface, while the size of the the microgap appears to play a lesser role. This raises a critical question - can micro-movements in a two-piece implant system be completely eliminated, achieving stability comparable to a welded joint? The answer is a resounding yes!

THE WEAKNESSES OF A SIMPLE CONICAL CONNECTION

If you examine the formation of microgaps and the pump effect in more detail *(Erfassung, Ursachen und Folgen von Mikrobewegungen am Implantat-Abutment-Interface Zipprich, Holger / Weigl, Paul / Lange, Bodo / Lauer, Hans Christoph 2007-2020)*, you can see that weaknesses are apparent. Abutments with a short taper dip into the implant during occlusal loading, spreading it open, increases the risk of fracture. Particularly shallow taper angles and do not dip, but offer no tightness under lateral loading and no friction; therefore, the pumping effect cannot be prevented. The same applies to micromovements between the implant components, which also cannot be minimized by these simple conical solutions, depending on the angle from which the force is applied. The load of this connection lies solely on the screw, as with conventional solutions. One of the most frustrating challenges in implantology is the loosening or fracturing of the connecting screw, a problem that is not resolved by either of these two conical connection types.

THE BENEFIT OF A "REAL" TAPERED CONNECTION IN IMPLANTOLOGY PROVIDED BY ARGON K3PRO®

From a mechanical engineering perspective it is known that a true taper, a.k.a "Morse Taper" has a 1.5° angle- combined with a certain length. Only a steep long taper can generate the high level of friction needed to shift the connection load away from the screw. The load is transferred deep into the implant, distributing evenly into the bone. As a result, the connection is both friction-locked and form-fit, eliminating one-sided load peaks and significantly reducing the risk of component fractures - whether screw, abutment, or implant.
Micro-movements between the implant components are also effectively eliminated. K3Pro® offers the unshakable stability of a one-piece, monolithic implant system with all the unrestricted prosthetic advantages of a two-piece implant system. The K3Pro® system has a vast amount of surgical and prosthetic options for any indication.

OUR TECHNICAL SUPERIORITY IS YOUR ADVANTAGE

In summary, this specialized tapered connection, offers micromovement freedom and a bacterial-tight seal - delivering exceptional reliability and long-term stability. Due to non-positive connections, it also eliminates titanium abrasions, an issue that is receiving strong scientific attention. Another key advantage is superior esthetics: thanks to its secure seal, the K3Pro® system can - and should - be placed particularly deep. This enables the formation of a bony seal over the implant shoulder, promoting consistently stable soft tissue conditions. The stable tissue concept builds on this foundation. Exclusive to K3Pro® and the XP prosthetic line, it is specifically designed for subcrestal placement ≥ 2mm, optimizing both biological and esthetic outcomes. Lastly, we've prioritized user-friendly handling. Our unique disengagement technology allows clinicians and dental technicians to reliably and gently release the form-fitting taper between the implant and abutment ensuring efficient, patient-friendly workflows at every step.

THE K3PRO® PRINCIPLE OF UNCOMPROMISING QUALITY "MADE AND DEVELOPED IN GERMANY

The Argon Group is a medium-sized German engineer-led company which always strives for the optimal technical solution. All our products are without exception "Manufactured and Engineered in Germany."

Development & Testing

Scientifically proven:

K3PRO® IS MICROMOTION-FREE PROVIDING A BACTERIAL SEAL

A study of particular importance for the sustainability of implantological restorations took place at Frankfurt University Hospital: "Detection, causes and consequences of micromovements at the implant-abutment interface" by Zipprich, Holger / Weigl, Paul / Lange, Bodo / Lauer, Hans-Christoph. A large proportion of multi-unit implant systems use a clearance-fitted joint design between implant and abutment. The clinical relevance of a highly loaded and cyclically stressed implant-abutment connection is considered significant. This is because two-piece implant systems dominate the market due to their prosthetic advantages. In addition, increased technical failure of the implant-abutment connection is observed with unsplinted single crowns in the posterior region. In addition, crestal bone resorption often occurs after abutment assembly at the implant-abutment interface if positioning was crestal or subcrestal. The aim of an in vitro study was to evaluate the behavior of implant-abutment connections under simulated chewing loads. Of particular interest was the recording of micromovements between the abutment and the endosseous implant body during dynamic load application. Here, the abutments were loaded at 30° with a force up to 200N. The point of force application was 8 mm from the implant platform, and the rate of force increase was 0.3 N/ms . The interface of the implant-abutment connection was recorded and measured radiographically with a video camera (1,000 frames/s).

EVALUATION THE RESULTS

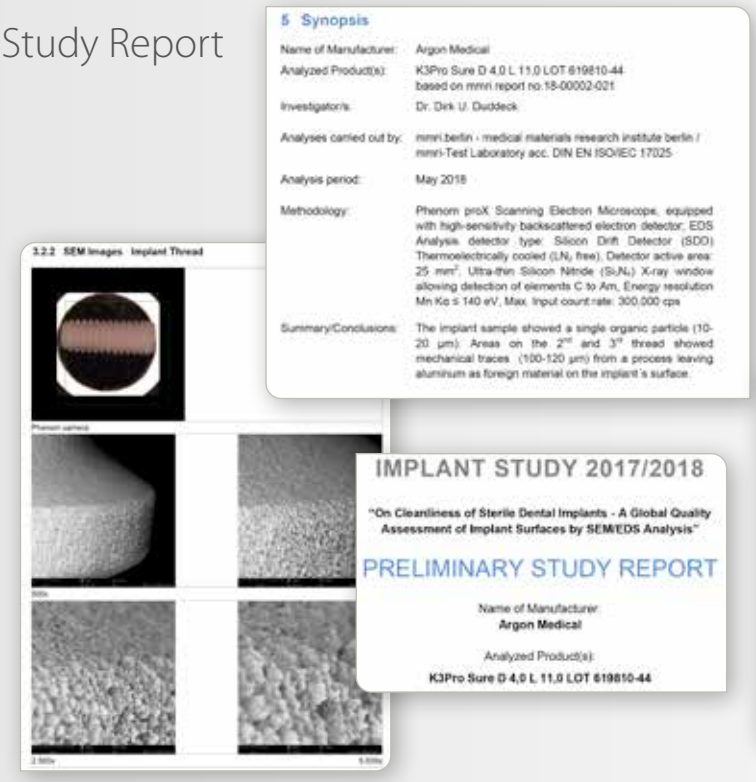
The results of the study using K3Pro® implants (4.5 mm x 13 mm) from Argon Medical Productions GmbH & Co. KG shows no gap formation in the X-ray analysis even at the maximum load of 200N. The subsequent micropump analysis also shows no penetration of a saliva-like X-ray contrast agent.

Comparatively, it can be stated that up to now, without exception, every classical butt joint with a purely horizontal contact surface between the implant and the abutment shows a microgap and a micropump effect with the same test parameters.

With tapered implant-abutment connections from other manufacturers, a gap formation between the implant and the abutment can be observed. The tapered Argon K3Pro® implant, on the other hand, does not show any gap formation between the implant and the abutment.

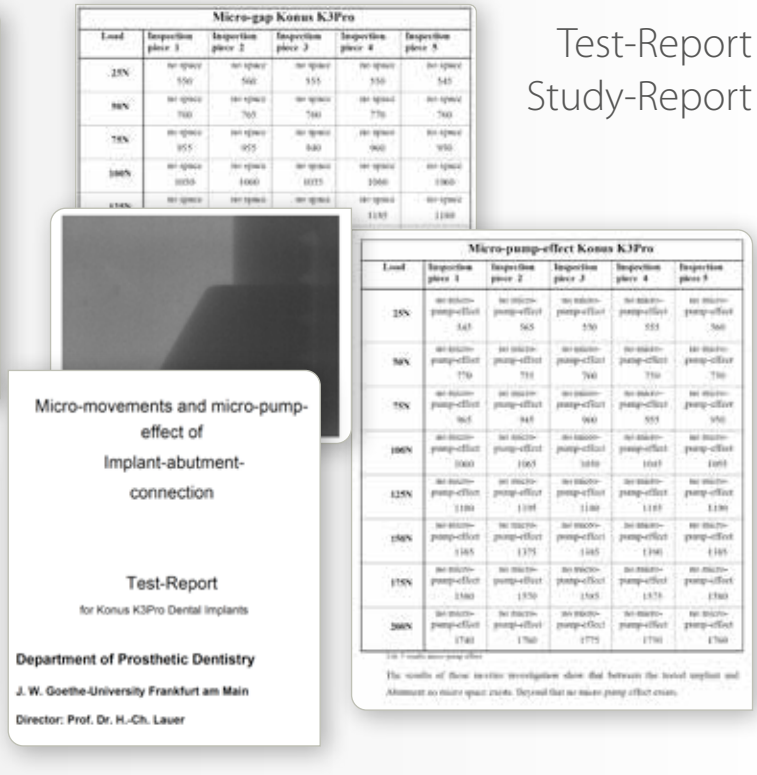
Preliminary

Study Report



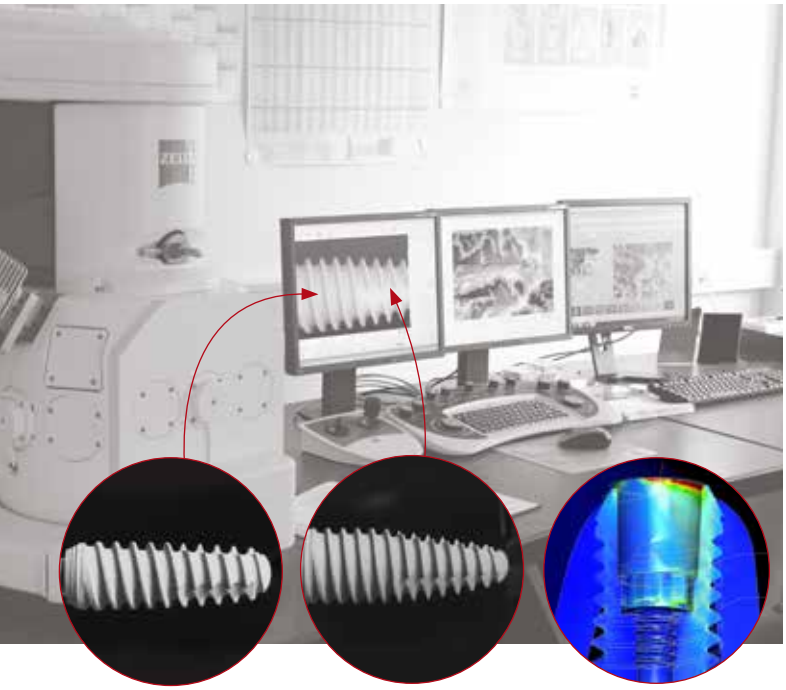
Micromovements

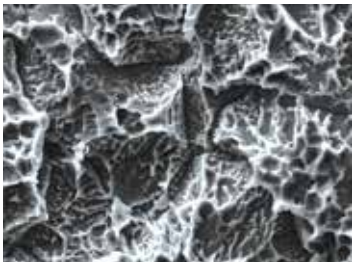
Test-Report
Study-Report

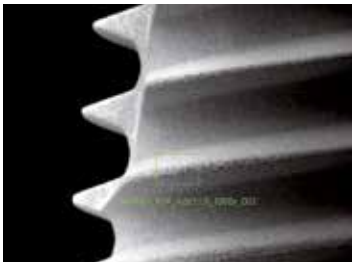


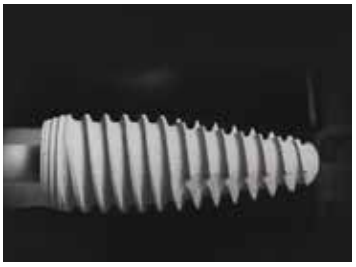
Engineering & Production

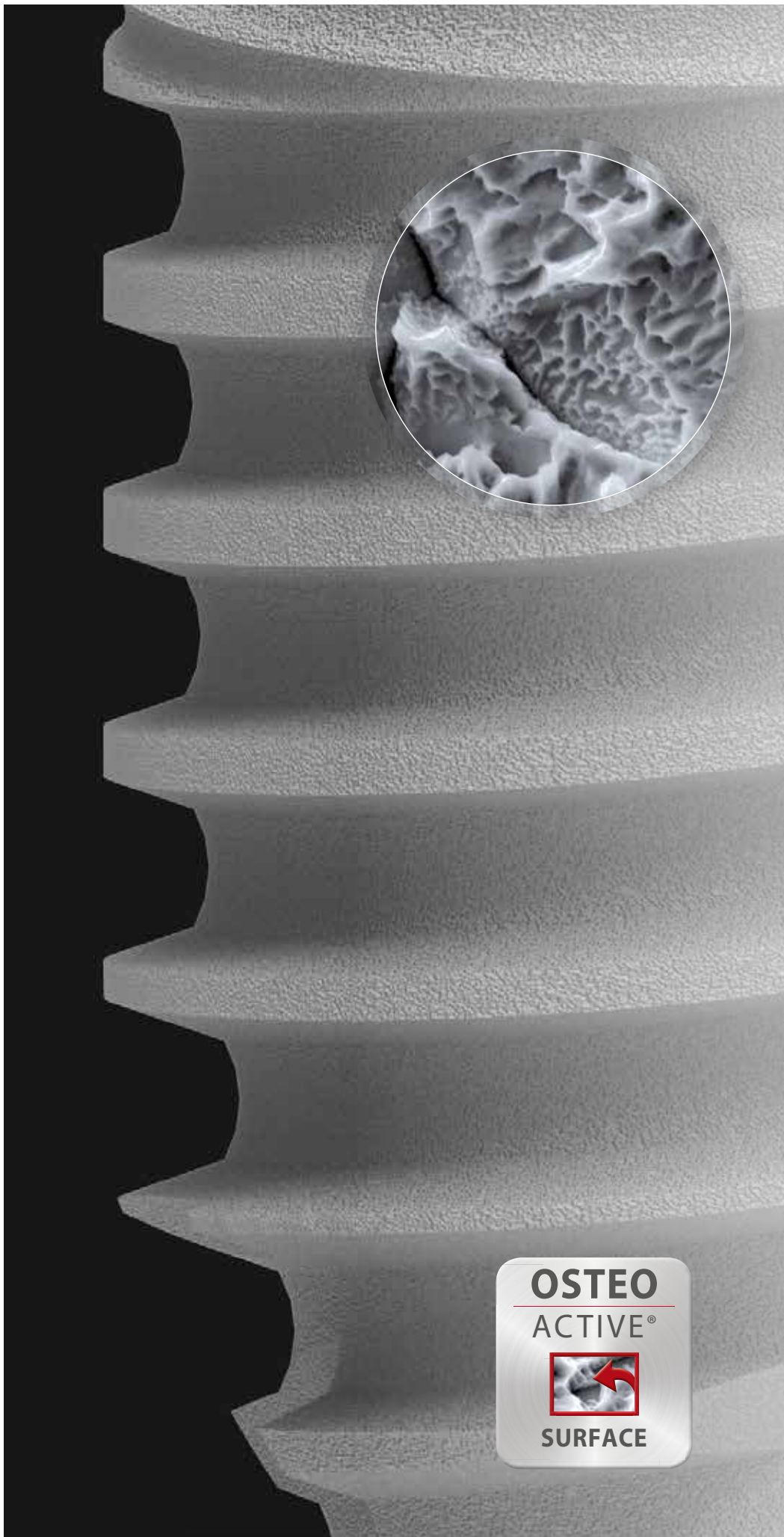
We design, manufacture, treat, clean and package all our components so that we can assure the highest quality standard. Only select materials of exceptional purity are used in the production of our implants. Rigorous component testing is an integral part of our process - each batch is carefully inspected for accuracy, fit, and precision. In addition, each batch of implants undergoes thorough analysis to verify cleanliness and surface texture, and is tested for load-bearing capacity of the implant/abutment connection in accordance with standards EN/DIN/ISO 14801. This ongoing quality control ensures that each batch meets our highest standards so you can rely on consistent, exceptional performance.










OSTEO
ACTIVE®
SURFACE

Osseointegration:
The surface makes the difference

5 points why **OsteoActive** is pioneering the connection between bone tissue and implant.

Roughness

Roughness on the implant surface is important because it promotes bone cell adhesion. A slightly rough surface provides more areas where cells can adhere, thus supporting bone growth.

Surface

A surface that generates excellent properties with many micro- and macrostructures, including so-called undercuts, to enable fast and safe osseointegration. The patented process ensures consistently excellent surface properties.

Purity

Highest purity of the implant surface to avoid entry of desired particles and foreign substances during implantation.

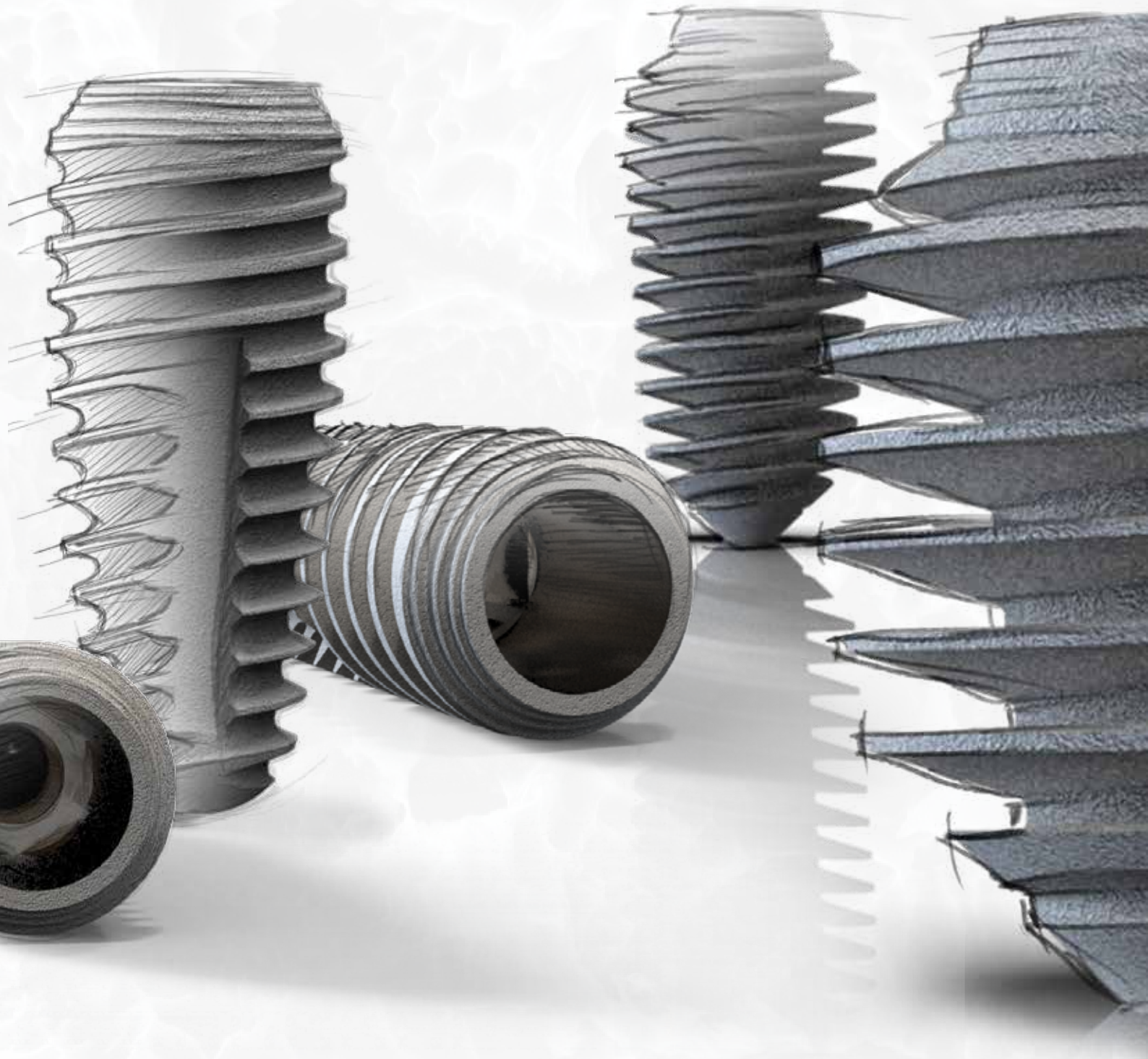
Biology

Biocompatibility of the implant surface is achieved by careful selection of materials, manufacturing processes and surface treatments. In this way, we achieve high compatibility with gentle tissue integration.

Stability

Short healing times and tissue-friendly surface promote colonization by osteoblasts – a resilient fusion that ensures resistance and functionality in equal measure.

k3pro® Implants



Utilize the following guide for selecting the right implant, so you can find your way to the right decision with certainty.

Step 1: Thread design selection

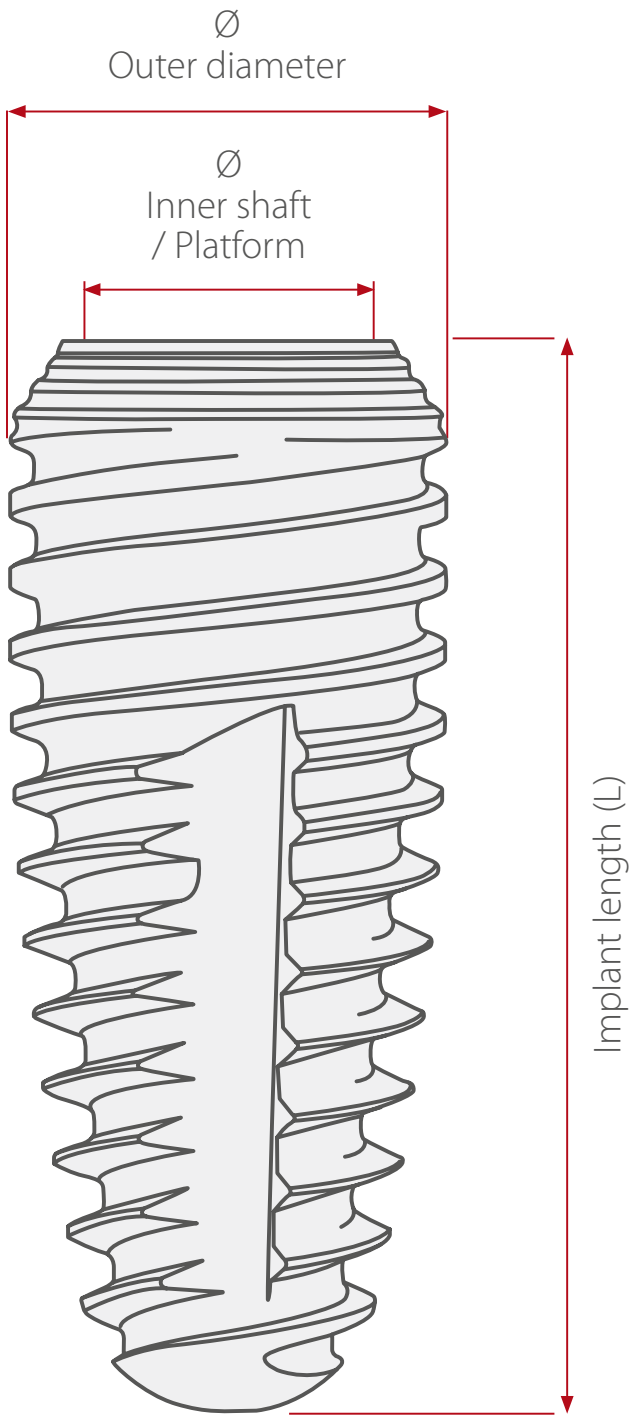
Depending on the desired surgical procedure and supply or quality of bone there are four available thread designs each with identical matching prosthetics: Rapid, Compress, Sure and Short. This is indicated in the order number by the last digit with the letters "R", "C", "S" and the designation "Short."

Step 2: Outer diameter selection

K3Pro® implants are always two-piece and are available in an outer diameter range of 3.0 to 8.0 millimeters. The width dimension of the inner taper corresponds to the prosthetic platform, but this always follows the outer diameter (be sure to observe our notes on the following page). Please also note: due to the sloping shoulder design, the widest point of the implant to which the outer diameter refers is 1 millimeter below the upper dimensions. In the case of subcrestal positioning, therefore, it is not the crestal width of the alveolar ridge that is decisive for the selection, but the width 2 to 3 millimeters below it! The outer diameter can be identified by the first two digits in the order number.

Step 3: Implant length Selection

Implant lengths range from 6.0 millimeters (for the "Short" platform) to 17 millimeters. Due to the advantage of the form-fit and force-fit Morse Taper taper connection between implant and abutment and the possibility of subcrestal positioning, a shorter length can be selected with K3Pro® compared to conventional bone-level implants without this leading to indication restrictions. The third, fourth and fifth digits of the order number indicate the length of the implant.



30009.K3PRO.R

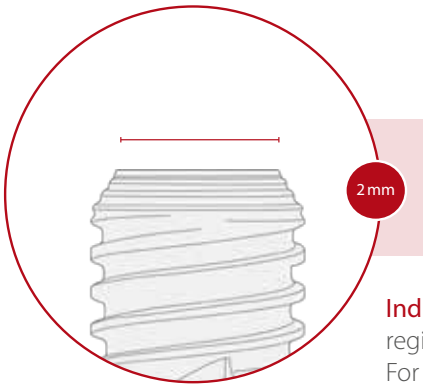
30 = Outer diameter (ex. 3.0 mm)
09 = Implant length (ex. 9.0 mm)
R = Implant name (ex. Rapid)

The implant packaging is color coded (red, yellow, blue) which indicates the prosthetic platform of this implant (note the information on the following page)

Surgical handling

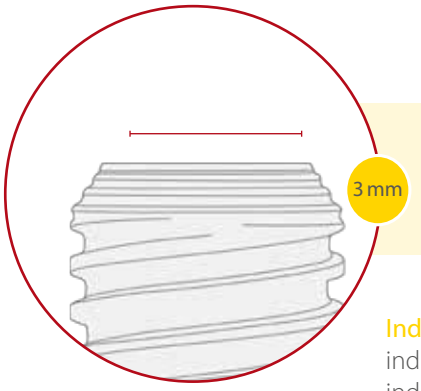
COLOR CODING & REMOVAL OF THE IMPLANT FROM THE PACKAGING

The K3Pro® implant system is divided prosthetically into three platforms, depending on the size of the implants. Implants with an outer diameter of 3.0 mm or 3.5 mm belong to the 2mm platform (red). Implants with an outer diameter of 4.0 mm up to 8.0 mm belong to the 3mm platform (yellow). The exception is the Short implant (blue) series with lengths of 6.0mm. These also have a 3 mm tapered internal connection, but has a different prosthetic screw due to the shortness of the implants.



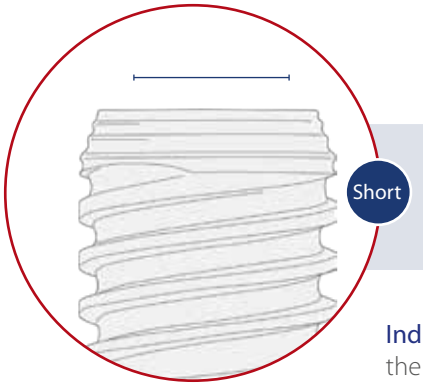
- The platform is 2 mm wide.
- Utilize the screw **ETS.K3Pro/2.Set**, as well as all components which are marked for use with the 2mm platform (red).

Indication Restrictions: These are only permitted as single crowns in the anterior region. In the posterior region, they must be splinted on at least two implants. For removable dentures in the edentulous jaw, at least four red platform implants are required.



- The platform is 3 mm wide.
- Select the **ETS.K3Pro/3.Set** screw, as well as all components marked for use with the 3mm platform (yellow).

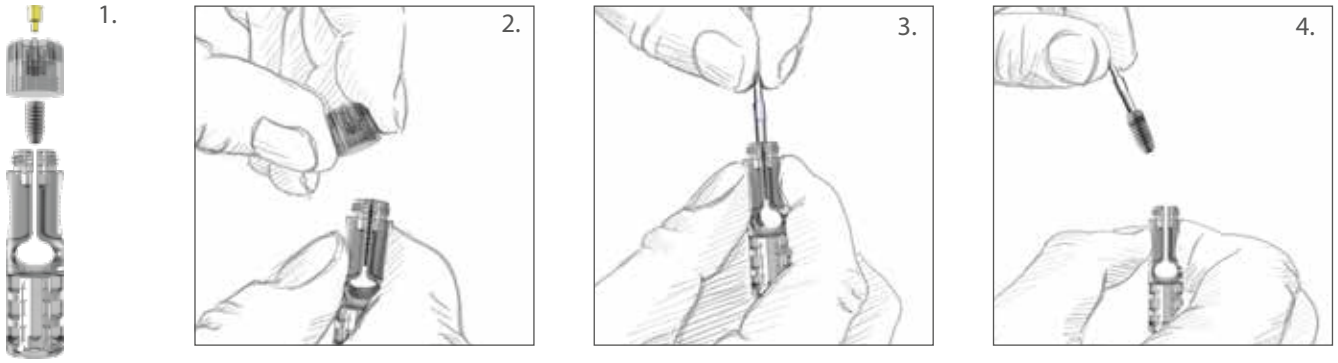
Indication Restrictions: These are approved as single crowns for all indications without restriction. The minimum size for implants without any indication restriction is therefore 4.0 x 8.0 mm for K3Pro®.



- The platform is 3 mm wide (the thread is shortened).
- Utilize the screw **AS.K3Pro_S1.6.Set**, as well as all components which are marked for use with the Short Platform (blue).

Indication Restrictions: These are also permitted as single crowns in the posterior region. However, do not use angled abutments on short platforms in the posterior region. In this case, splinting with at least one additional implant is required.

REMOVING THE IMPLANT FROM THE PACKAGE/CONTAINER



1. There are titanium pins inside the container that hold the implant, assuring the container material does not come in contact with the implant to maintain implant cleanliness.
2. While wearing appropriate surgical attire, remove the implant from the container by holding the container vertically, removing the cover screw cap.
3. While pinching the sides of the container, place the insertion instrument into the implant so that the marker line disappears (make sure that the insertion instrument is correctly seated in the hexagon on the inside of the implant using the control line)
4. Release the tension on the carrier to remove the implant from the container. The implant is held by the insertion instrument with a slightly conical clamp in the hexagon. The implant is made of grade four titanium (pure titanium), and the implant driver is made of hardened surgical steel, so the hexagon of the implant should not be loaded beyond the recommended insertion forces.

!

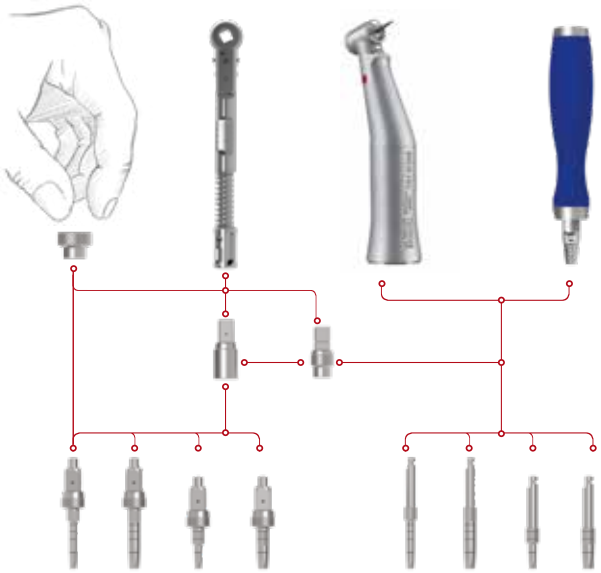
If higher insertion forces than specified are required, we recommend insertion instruments without conical clamping which allow **10-15 Ncm** higher insertion forces.

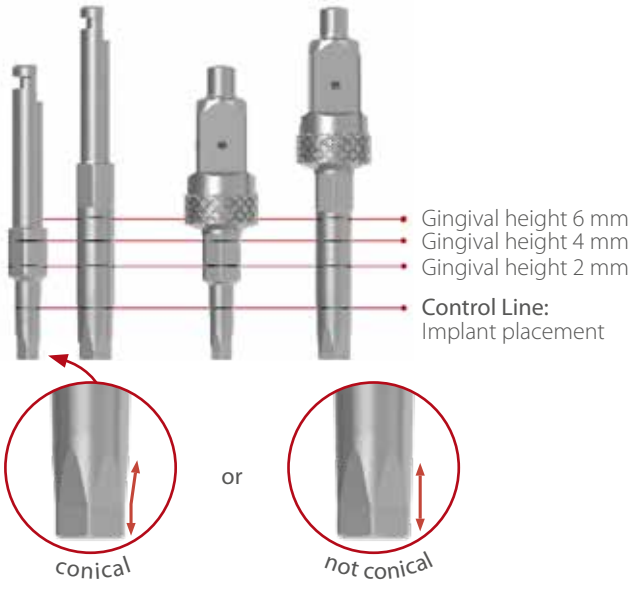
Please note that insertion instruments without conical clamping are to be used for removing implants from the containers.

Connect implant and driver so that the marking line disappears to ensure that the driver is seated in the hex of the implant.

Recommended insertion forces for implants 2 mm: 25 Ncm; 3 mm & Short: 35 Ncm

IMPLANT PLACEMENT

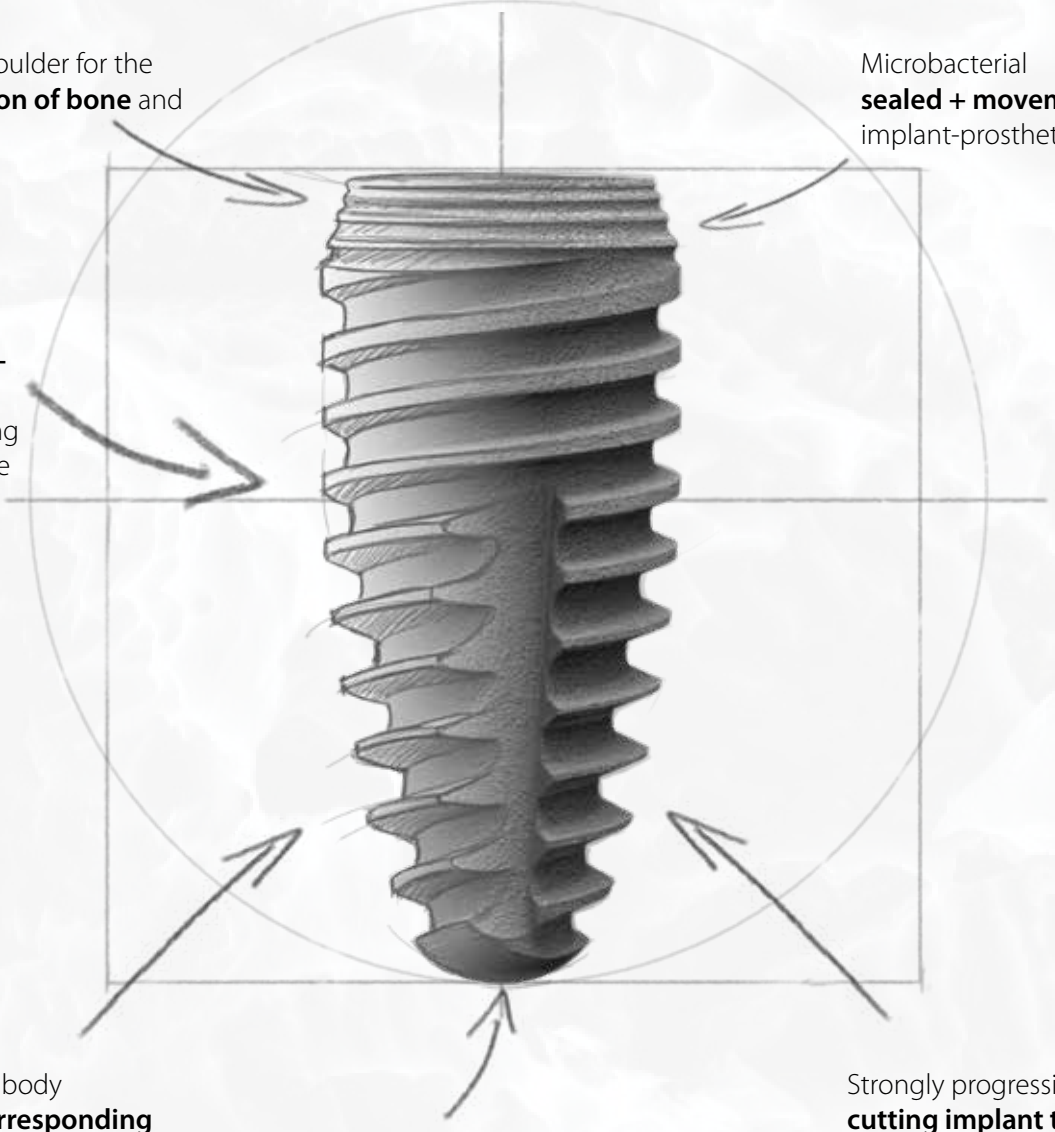




R-LINE

What changes with the R-Line?

In addition to the improved OsteoActive® Pro surface, the R-Line is fully compatible with the new (r)evolutionary line drills. In the future, you will be able to use these specially contoured final drills to place Rapid, Compress and Sure with an equally perfect fit. You no longer need taps or countersinks and actively influence primary stability by upsizing or downsizing within the drilling protocol.



Oblique shoulder for the **preservation of bone** and **soft tissue**

Microbacterial **sealed + movement-free** implant-prosthetic connection

Thread design optimized for **very high primary stability** and immediate loading with varying bone conditions

Conical implant body anatomically **corresponding to the tooth root**

Apically rounded tip to **protect the Schneiderian membrane** with cutting grooves to increase the surface area

Strongly progressive apically **cutting implant thread**

Rapid® Implants - R-Line

The K3Pro® Rapid implant features a self-tapping thread design and conical implant body, allowing for directional adjustment even after the osteotomy. Its cutting thread and integrated groove enables precise, controlled design for versatility. Rapid implants are suitable for all indications and offer high primary stability. The apically cutting thread generates a particularly high insertion torque. In addition to conventional restorations such as single crowns or bridges, K3Pro® implants are ideal for occlusally screw-retained Multi Units (Rapid Fix), temporaries and immediate loading. The conical outer shape, which is anatomically based on the tooth root, allows the biological width to be reduced and is well suited for immediate implant placement. The sloping shoulder and subcrestal insert allows for tight bone closure and a slender emergence profile from the sulcus, ensuring long-term bone and papilla preservation. The wide rapid implants are indicated for immediate implant placement following molar extractions.

1-3 mm subcrestal placement

ADVANTAGES

- **OsteoActive®** surface for fast and secure osseointegration
- Bacteria-seal and micromovement-free implant-prosthetic connection
- Drop shoulder for crestal bone preservation and soft tissue retention
- Microgrooves for increased surface area
- Tapered implant body matching the anatomy of the tooth root, well suited for immediate implant placement
- Progressive thread for optimal primary stability and immediate loading
- Tapered thread design
- Two parallel threads
- Self-tapping thread for easy insertion and high insertion forces
- Available with 2 mm and 3 mm platform

FEATURES

Diameter from 3.0-8.0 mm (Rapid Wide with 7.0 and 8.0 mm)

Implant length from 8.0-17.0 mm

Self-tapping thread

Conical Morse taper internal connection with connecting screw

OsteoActive® Surface

Platform	Length					Diameter
	9.0 mm	11.0 mm	13.0 mm	15.0 mm	17.0 mm	
2 mm						Ø 3.0 mm
	30009K3PRO.R	30011K3PRO.R	30013K3PRO.R	30015K3PRO.R	30017K3PRO.R	
2 mm						Ø 3.5 mm
	35009K3PRO.R	35011K3PRO.R	35013K3PRO.R	35015K3PRO.R	35017K3PRO.R	

Platform	Length						Diameter
	8.0 mm	9.0 mm	11.0 mm	13.0 mm	15.0 mm	17.0 mm	
3 mm							Ø 4.0 mm
	40008K3PRO.R	40009K3PRO.R	40011K3PRO.R	40013K3PRO.R	40015K3PRO.R	40017K3PRO.R	
3 mm							Ø 4.5 mm
	45008K3PRO.R	45009K3PRO.R	45011K3PRO.R	45013K3PRO.R	45015K3PRO.R	45017K3PRO.R	

Diameter	Length 8.0 mm	Length 9.0 mm	Length 11.0 mm	Length 13.0 mm	Platform
Ø 5.0 mm	 50008K3PRO.R	 50009K3PRO.R	 50011K3PRO.R	 50013K3PRO.R	3 mm
Ø 6.0 mm	 60008K3PRO.R	 60009K3PRO.R			3 mm

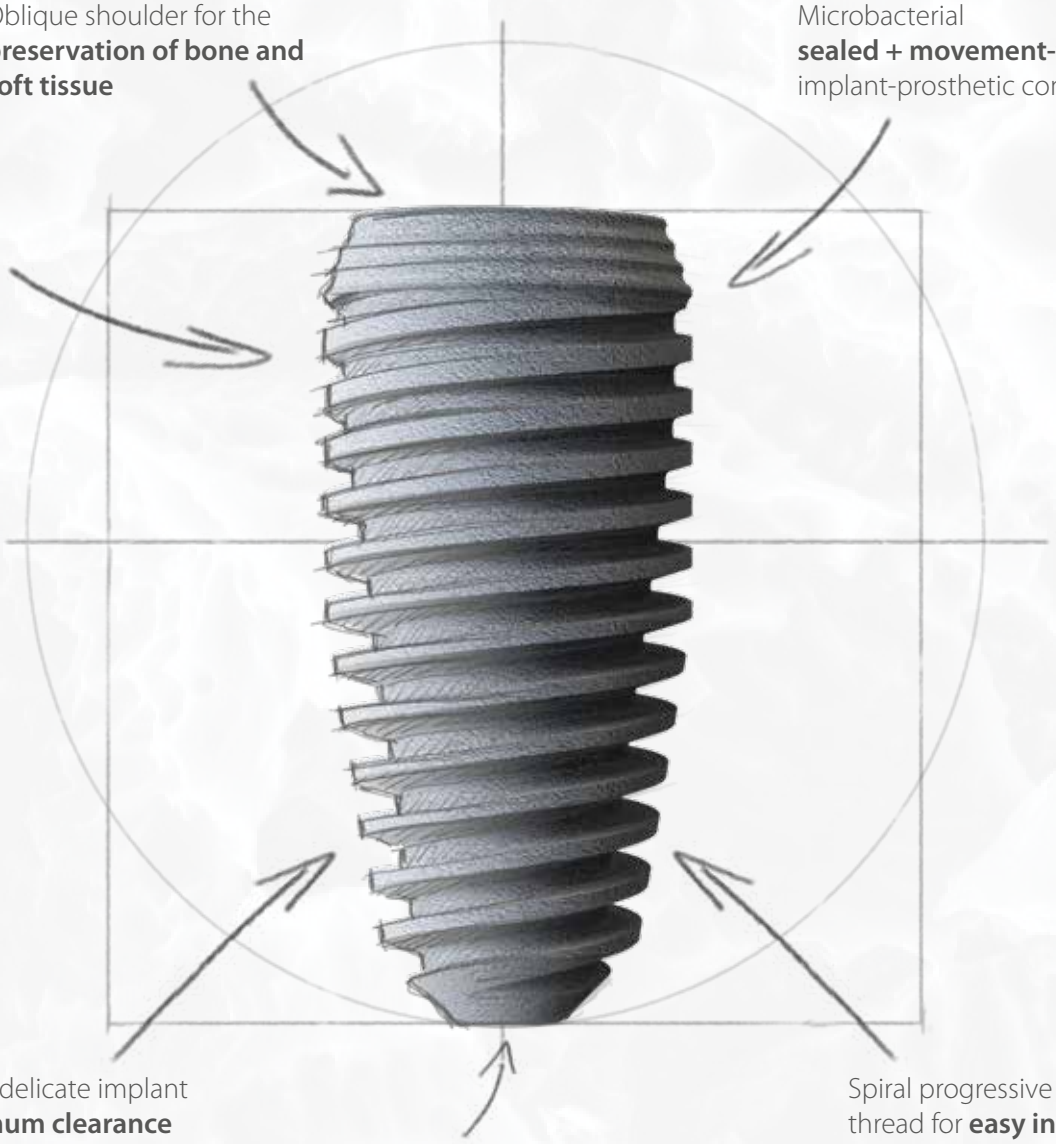
RAPID WIDE

Diameter	Length 9.0 mm	Length 11.0 mm	Platform
Ø 7.0 mm	 70009K3PRO.R	 70011K3PRO.R	3 mm
Ø 8.0 mm	 80009K3PRO.R	 80011K3PRO.R	3 mm

C-LINE

What changes with the C-Line?

In addition to the improved OsteoActive® Pro surface, the C-Line is fully compatible with the new (r)evolutionary line drills. In the future, you will be able to use these specially contoured final drills to place Rapid, Compress and Sure implants with an equally perfect fit. You will no longer need taps or countersinks.



Compress Implants - C-Line

The design of the revolutionary K3Pro® C-Line implants are engineered with a unique plateau cutting thread, which ensures high primary stability, especially in soft bone. The implant diameter is primarily defined by the width of the thread flanks and not by the implant body. Thus, the bone quality and degree of desired primary stability determine implant selection. The differences in the diameters of the C-Line implant lie in the dimension of the thread flanks and not in the body. The implant design includes a progressive cutting thread, without a cutting groove, which facilitates controlled implant placement in soft bone but also fixes to the wall of the extraction socket in the context of immediate implant placement. A particularly large rounded space is left for healing as a result of the blood coagulating. The plateau design of the thread promotes new bone formation by distributing the newly created compressive and tensile load. The progressive insertion force increases as a result of the spiral thread design.

1-3mm subcrestal placement

ADVANTAGES

- **OsteoActive®** surface for fast and safe osseointegration
- Bacteria-tight and micromovement-free implant-prosthetic connection
- Drop shoulder for crestal bone preservation and soft tissue preservation
- Deep thread flanks with implant body that remains delicate
- Gradually increasing primary stability analogous to the enlarged diameters
- Ideally suited in conjunction with bone condensers and condensing drills
- Optimal for maxilla, soft bone and immediate implantation, promoting healing through coagulation
- Available with 3 mm platform

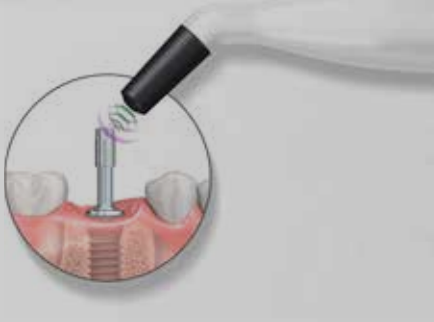
PROPERTIES

Diameter from 4.0-6.0 mm
Implant length from 8.0-13.0 mm
Self-tapping (spiral thread)
Conical Morse taper internal connection with connecting screw
OsteoActive® Surface

COMPRESS IMPLANTS – OVERVIEW Ø 4.0 / Ø 4.5 / Ø 5.0 / Ø 5.5 / Ø 6.0mm

Platform	Length 8.0 mm	9.0 mm	11.0 mm	13.0 mm	Diameter
3 mm	 40008K4PRO.OC	 40009K4PRO.OC	 40011K4PRO.OC	 40013K4PRO.OC	Ø 4.0 mm
3 mm	 45008K4PRO.OC	 45009K4PRO.OC	 45011K4PRO.OC	 45013K4PRO.OC	Ø 4.5 mm
3 mm	 50008K4PRO.OC	 50009K4PRO.OC	 50011K4PRO.OC	 50013K4PRO.OC	Ø 5.0 mm
3 mm	 55008K4PRO.OC	 55009K4PRO.OC	 55011K4PRO.OC		Ø 5.5 mm
3 mm	 60008K4PRO.OC	 60009K4PRO.OC	 60011K4PRO.OC		Ø 6.0 mm

Reliable.
Like k3pro®.
Penguin RFA.



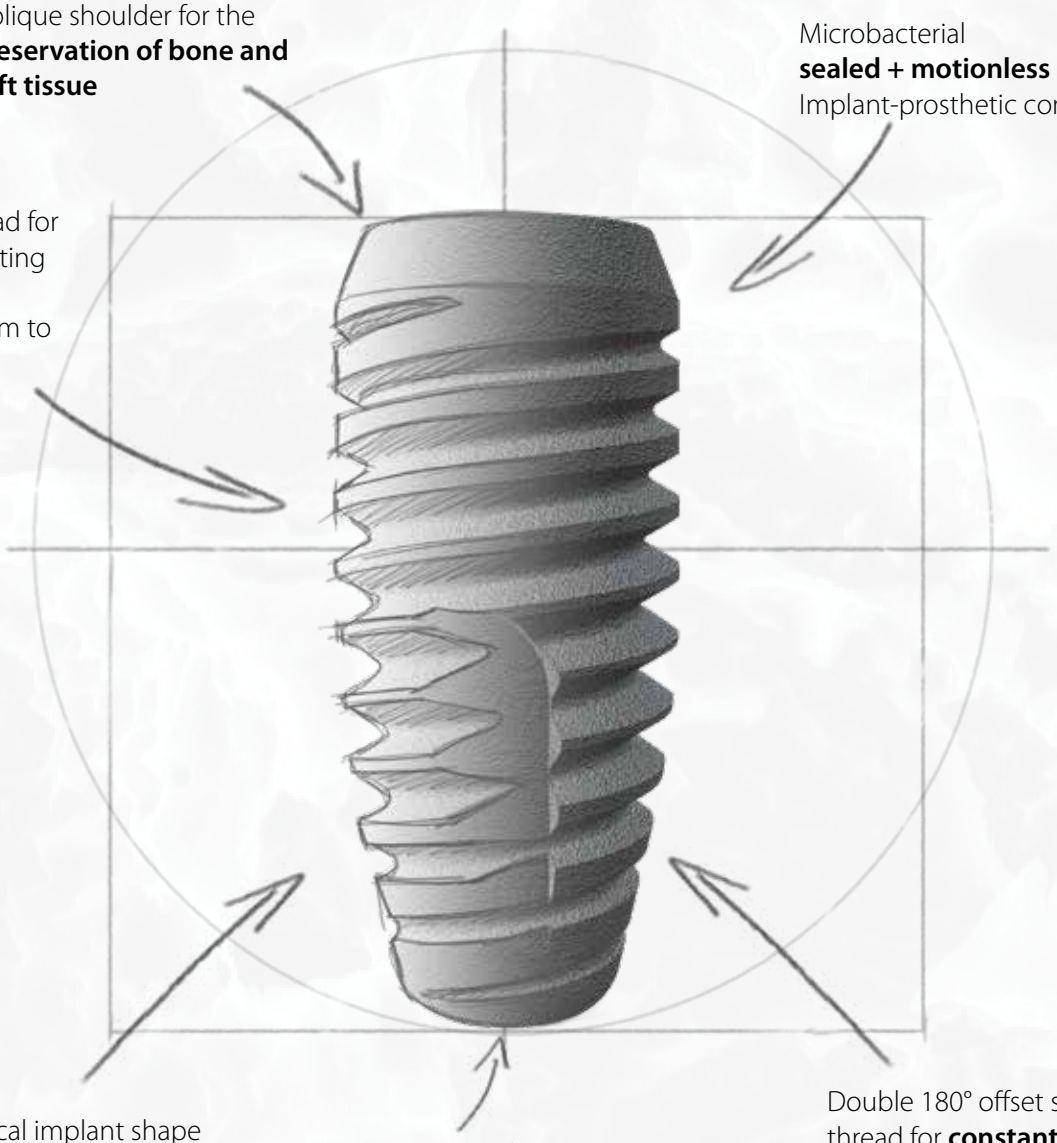
We recommend capturing measurements using the Penguin RFA, especially in the following cases:

- Determining the best time for loading the implant
- Assessing the progress of osseointegration specifically in compromised bone
- If an implantological failure is suspected

S-LINE

What changes with the S-Line?

In addition to the improved OsteoActive® Pro surface, the S-Line is fully compatible with the new (r)evolutionary line drills. In the future, you will be able to use these specially contoured final drills to place Rapid, Compress and Sure with an equally perfect fit. For this purpose, the apical shape of the Sure implant has been made slimmer and slightly conical. You no longer need taps or countersinks, as the new Sure S-Line includes a gentle cutting groove at the apex.



K3Pro® Sure Implants - S-Line

The K3Pro® Sure implant with a compression thread design is suitable for all indications, providing ideal primary stability in bone densities from D1 to D3. The parallel thread and the slightly cylindrical and apically tapered implant bodies provide a large surface area and bone contact in the upper part of the implant. When utilizing a uniform torque, the apical cutting groove improves the grip during insertion, particularly in compact bone. This latest evolution of the Sure implant is defined by the suffix "S-Line." The sloping shoulder, as well as the subcrestal insert, enables dense bone closure and a low emergence profile from the sulcus, ensuring long-term bone and papilla preservation.

1-3mm subcrestal placement

ADVANTAGES

- **OsteoActive®** surface for fast and safe osseointegration
- Bacteria-seal and micromovement-free implant-prosthetic connection
- Drop shoulder for crestal bone preservation and soft tissue preservations
- Cylindrical-conical shape for a uniform torque
- Implant body in conical-cylindrical design for large Bone Implant Contact (BIC)
- Compression thread for increased primary stability
- Two parallel threads
- Cylindrical thread design with apical conical shape and cutting groove
- Uniform insertion force during implant placement
- Available with 2 mm and 3 mm platform

PROPERTIES

Diameter from 3.0-6.0 mm
Implant length from 8.0-13.0 mm
Conical Morse taper internal connection with connecting screw
OsteoActive® Surface

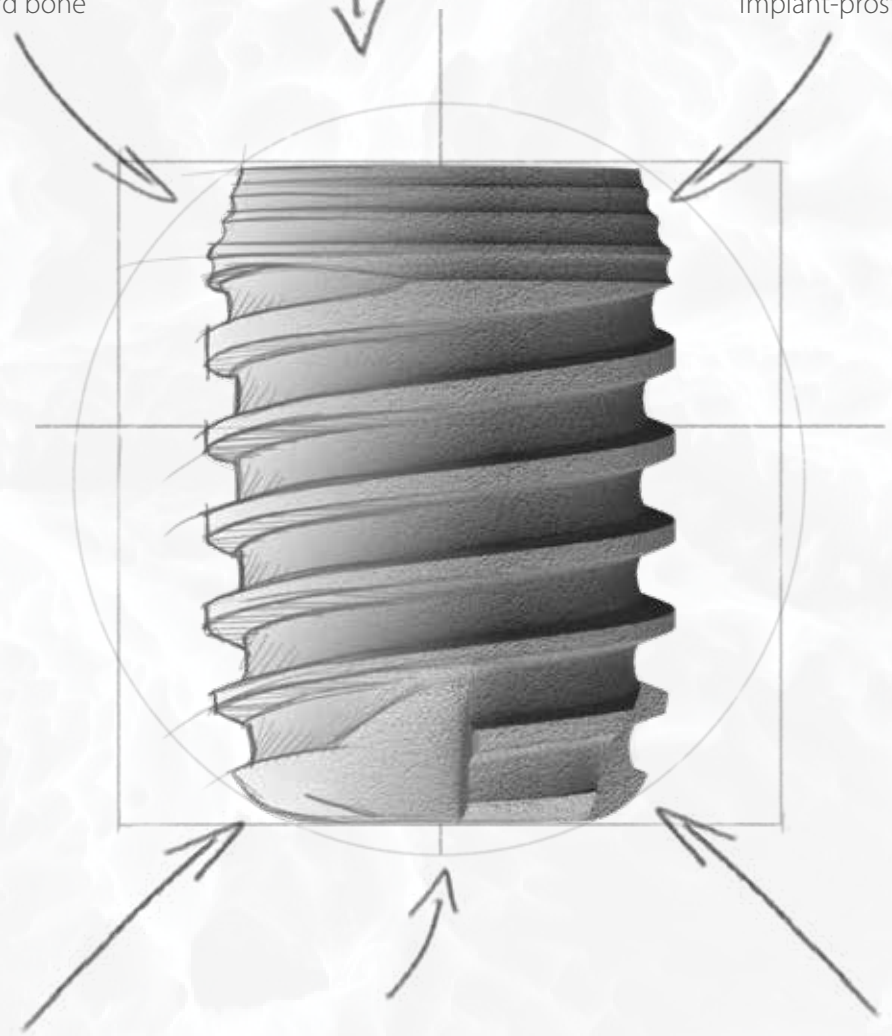
Platform	Length				Diameter
	8.0 mm	9.0 mm	11.0 mm	13.0 mm	
2 mm		 30009K3PRO.S	 30011K3PRO.S	 30013K3PRO.S	Ø 3.0 mm
2 mm		 35009K3PRO.S	 35011K3PRO.S	 35013K3PRO.S	Ø 3.5 mm
3 mm	 40008K3PRO.S	 40009K3PRO.S	 40011K3PRO.S	 40013K3PRO.S	Ø 4.0 mm
3 mm	 45008K3PRO.S	 45009K3PRO.S	 45011K3PRO.S	 45013K3PRO.S	Ø 4.5 mm
3 mm	 50008K3PRO.S	 50009K3PRO.S	 50011K3PRO.S	 50013K3PRO.S	Ø 5.0 mm
3 mm	 60008K3PRO.S	 60009K3PRO.S			Ø 6.0 mm

SHORT

Oblique shoulder for the **preservation of the bone** and soft tissue

Compression thread for **manual thread cutting** with high primary stability in medium to hard bone

Microbacterial **sealed + motionless** Implant-prosthetic connection



Cylindrical implant body for **maximum possible surface size** for short implants

Apically smooth tip to protect the **Schneiderian membrane** rim and to effectively support the internal sinus lift

Small apical cutting groove where the thread attaches allows for **easier insertion** in hard bone

Short Implants - Short Line

The K3Pro® Short Implant is designed for the most difficult indications with severely reduced bone availability. The cylindrical outer shape of the implant maximizes the surface area, and the apical rounded cutting grooves, work together during these challenging conditions. Consistent with the Argon K3Pro® brand, the Short line implant system offers a steep conical connection with a 1.5° true morse taper which helps ensure bacterial tightness and provides a micromovement free environment. Our short implants can be splinted or used as a single tooth replacement, effectively supporting the reconstruction and long-term preservation of the bone thanks to the newly created compressive and tensile load. In addition, our new special short implant drills optimize insertion.

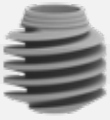
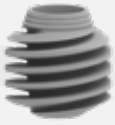
1-3mm subcrestal placement

ADVANTAGES

- **OsteoActive®** surface for fast and safe osseointegration
- Bacteria-seal and micromovement-free implant-prosthetic connection
- Drop shoulder for crestal bone preservation and soft tissue preservation
- Micro grooves for increased surface area
- Implant body in conical-cylindrical design for particularly large Bone Implant Contact (BIC)
- Compression thread for increased primary stability
- Two parallel threads
- Apical cutting groove for rapid bone remodeling
- Apical rounding to protect Schneider's membrane
- Available with 3 mm Short-Platform (blue)

PROPERTIES

Diameter from 4.0-6.0 mm
Implants with a length of only 6.0 mm
Tapered Morse taper internal connection with short connection screw
OsteoActive® Surface

Diameter	Length	Platform
	6.0 mm	
	Compress / **Rapid**	
Ø 4.0 mm	 40060K3PRO.C/SHORT  40060K3PRO.R/SHORT	Short
Ø 4.5 mm	 45060K3PRO.C/SHORT  45060K3PRO.R/SHORT	Short
Ø 5.0 mm	 50060K3PRO.C/SHORT  50060K3PRO.R/SHORT	Short
Ø 5.5 mm	 55060K3PRO.C/SHORT	Short
Ø 6.0 mm	 60060K3PRO.C/SHORT  60060K3PRO.R/SHORT	Short

k3pro® Cover Screws

For membrane fixation:
- Available in heights from 0 - 3 mm
- Disc widths from 3.5 - 8.0 mm

Available for all platforms

2 mm 3 mm Short

XP Bone Profile Screw
- Designed for the biological profile
- Standardized exit heights of 1mm, 2mm and 3mm, which are complemented by a prosthetic product portfolio

VS: Cover Screw
for sealing the tapered connection during the healing phase

COVER SCREWS & HEALING POSTS

The K3Pro® product portfolio provides versatile solutions to protect the taper connection of the implant immediately after insertion. A precision friction-lock creates a reliable seal, shielding the connection from external influences throughout osseointegration.

Each implant is delivered with a VSK cover screw that sits flush with the implant platform, ensuring a clean, secure closure. Additionally, our IKAS membrane fixation screws enable simultaneous stabilization of both membranes and augmentation materials - streamlining the procedure.

The latest innovation, our K3Pro® XP Bone Profile Screws (BPS), not only make it easy to locate the implant post-osseointegration but also helps establish a stable, biologically shaped bone emergence profile - perfectly maintained with the XP prosthetic line.

SCREW PLUGS (1x each included as standard in each package)

Item number	Description	Figure	Platform
VSK2K	Cover Screw for K3Pro® 2 mm Platform		2 mm
VSK3K	Cover Screw for K3Pro® 3 mm Platform		3 mm
VSK3K_S	Cover Screw for K3Pro® Short Platform		Short

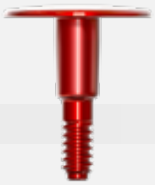
HEALING POST

Item number	Description	Figure	Platform
TPE2K	Healing Post for K3Pro® 2 mm Platform		2 mm
TPE3K	Healing Post for K3Pro® 3 mm Platform		3 mm

Membrane fixation screws

K3Pro® implants of all dimensions, in combination with the Implant **Membrane Fixation Screws (IKAS),** are particularly well suited for single-stage implantation and augmentation. As one of only a few systems on the market, the entire surface of the implant is to be covered by bone or bone substitute material. This also suitable for immediate implant placement. The IKAS cover screw, which can also be used to fix a membrane or a bone ring or bone block, provides a minimally invasive, tissue-conserving approach during uncovery.

IKAS IMPLANT/MEMBRANE FIXATION SCREWS

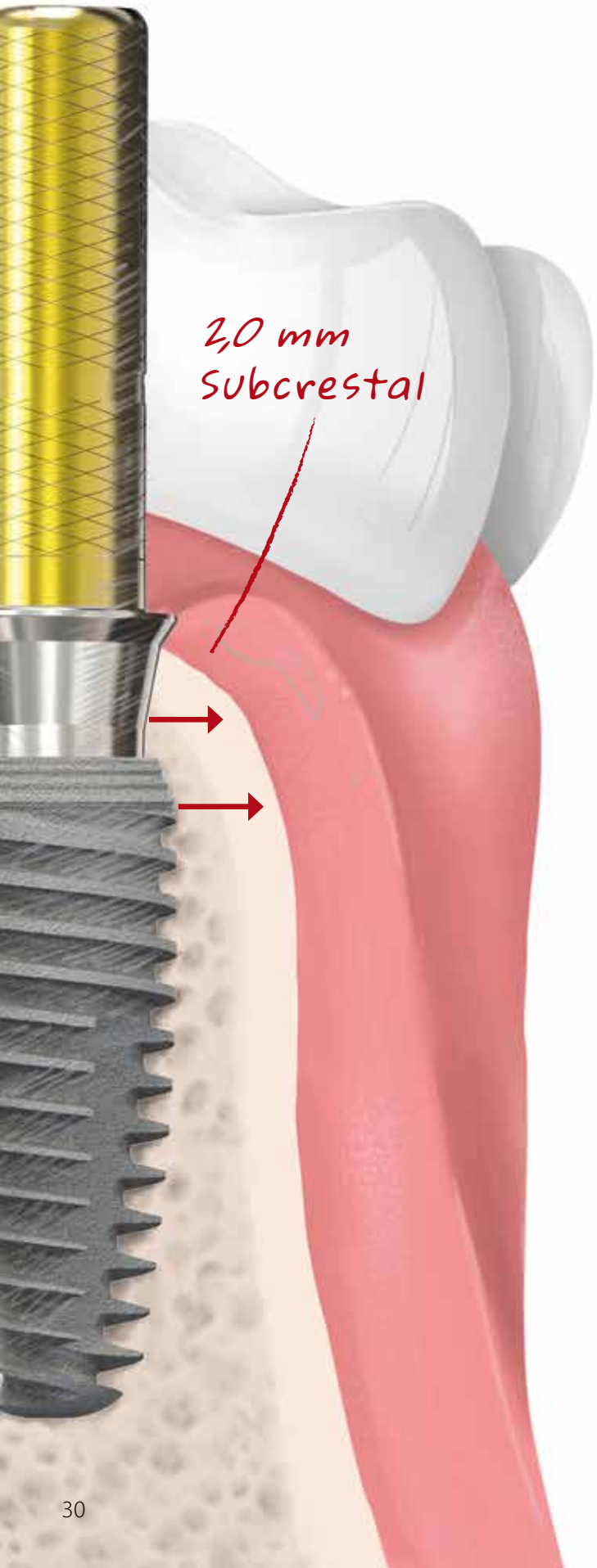
Platform	Clearance 0.0 mm	1.0 mm	2.0 mm	3.0 mm	Diameter
2 mm	 IKAS_35000.2	 IKAS_35010.2	 IKAS_35020.2	 IKAS_35030.2	Ø 3.5 mm
2 mm	 IKAS_60000.2	 IKAS_60010.2	 IKAS_60020.2	 IKAS_60030.2	Ø 6.0 mm
2 mm	 IKAS_65000.2	 IKAS_65010.2	 IKAS_65020.2	 IKAS_65030.2	Ø 6.5 mm

Membrane fixation screws

Diameter	Clearance 0.0 mm	1.0 mm	2.0 mm	3.0 mm	Platform
Ø 4.5 mm	 IKAS_45000.3	 IKAS_45010.3	 IKAS_45020.3	 IKAS_45030.3	3 mm
Ø 6.5 mm	 IKAS_65000.3	 IKAS_65010.3	 IKAS_65020.3	 IKAS_65030.3	3 mm
Ø 8.0 mm	 IKAS_80000.3	 IKAS_80010.3	 IKAS_80020.3	 IKAS_80030.3	3 mm

Diameter	Clearance 0.0 mm	1.0 mm	2.0 mm	3.0 mm	Platform
4.5 mm	 IKAS_45000.3_S	 IKAS_45010.3_S	 IKAS_45020.3_S	 IKAS_45030.3_S	Short

XP line



WE ARE CREATING STABLE TISSUE

In science and teaching, it has been established that a minimum of 3.0 millimeters of gingiva height from the implant shoulder must be permanently present in order to ensure the preservation of the bone and gingiva as well as the health of the implant with the help of prosthetics. This corresponds to the to the concept of preventing bone resorption.

Conventional crestal implants require a minimum mucosal height of 3mm to function properly. ArgonK3Pro's sub-crestally placed implants perform reliably even in reduced mucosal thickness. This means clinicians can confidently place implants in a wider range of clinical scenarios, helping preserve gingival health, maintain bone levels, and support long-term implant success."

A gingiva with a thickness of at least 3 millimeters must be present so that this protective mucosal cuff around the crestal implant remains stable. This is rare in reality and thus most complex soft tissue surgery is necessary.

Users of our K3Pro® systems for subcrestal insertion benefit from a clinical advantage. Now we are expanding the range of indications even further. Newly developed components with identical emergence profiles for healing, impression taking, laboratory and prosthetics now enable subcrestal insertion of up to 3 millimeters for the first time. Subsequent prepartion of the emergence profile and the associated re-traumatization of the regenerated tissue is no longer necessary!

The unique biology created in this subcrestal philosphy of healing remains untouched after surgery, providing Stable Tissue with vital bone and gingiva. For each respective gingival height, the healing screws, gingiva formers, impression posts and abutments function in unison like a first-class orchestra.

CREATING
STABLE TISSUE

After decades of scientific knowledge, oral implantology has long since outgrown its infancy as a successful form of treatment. It is time for doctors and patients to become demanding! Pure function is no longer enough, perfection in esthetics and sustainability is a must. Experienced implantologists know: „The bone sets the tone, but the tissue is the issue." Sustainable preservation of the soft tissue requires stable bone conditions. But what happens if this is not the case? Especially if considerable damage has already occurred due to outdated, highly invasive implant systems that do not comply with the principles of biological dentistry?

The preservation of hard and soft tissue is essential for long-term implantological success in terms of esthetics and function in equal measure.

With regard to sustainability in hard tissue management, science has successfully established the concept of preventing bone loss, adhering to strict rules in surgery and prosthetics, some of which require a great deal of effort so that long-term bone preservation is possible.

At Argon Dental, we are firmly convinced that in implantology, the long-term health of the soft tissue and perfect red-white esthetics must begin deep in the cancellous bone and we consistently implement this with our products: with a two-part implant that is placed subcrestally, is bacteria-proof and anatomically corresponds to the shape of the tooth. Anatomic in the bone, stable and strong exactly where it matters: at the implant-abutment connection.

This is the essential prerequisite for creating stable soft tissue conditions under all circumstances. We take the bone resorption prevention principle a decisive step further:

We are Creating Stable Tissue.

Dr. med. dent. Kai Zwanzig
Oral surgeon, specialist in
implantology and periodontology

„Since my first hour in implantology, I have been working on the dream of an implant system that fully complies with biological dentistry.

Concerning the 3-millimetre rule, which at that time was the basic principle for sustainable implantological success, I realized when I switched to K3Pro that the optimization for subcrestal use provided the perfect conditions.

Minimally invasive surgery and prosthetics define biological success. A one stage procedure with augmentation and implant placement must also be realizable.

Together with the specialists from Argon, my best dental technicians and in exchange with my friends – all of them innovative colleagues – I am delighted to present this development to you and to stand for the **Stable Tissue Concept** with my reputation".

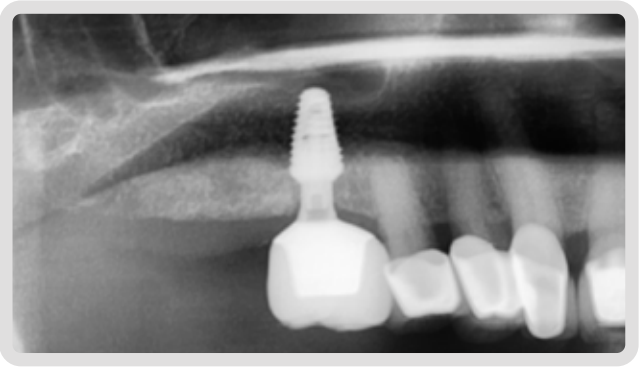
THE +3 MILLIMETER RULE

OR THE "STABLE TISSUE CONCEPT"

Compliance with the +3 mm rule, taking into account older recognized studies, plays a central role in the stable tissue concept, which is becoming increasingly important in modern implantology. This rule states that a total soft tissue height of at least 3 mm must be ensured during implant placement in order to achieve stable and attractive results in the long term. However, 4 mm would be better.

Stable Tissue aims to shape and maintain the soft tissue around the implant so that it remains stable and does not recede. This is crucial to avoid both functional and esthetic complications. The soft tissue plays a fundamental role in protecting the underlying bone and preventing peri-implantitis with the associated risk of implant loss.

Recent studies have shown that a soft tissue thickness of less than 3 mm in bone level implants often leads to recession and esthetic compromise. Adequate soft tissue, on the other hand, acts as a barrier against bacterial invasion and mechanical stress.



This promotes the integration of the implant and helps to keep the surrounding tissue healthy and stable.

But we know that 4 mm of gingiva is rare. The K3Pro® system with its micro-movement-free, bacteria-proof tapered connection is optimized for subcrestal use. Experienced users have therefore always placed the implant deeper in order to be on the safe side regardless of the mucosal conditions.

We are therefore talking about the evolution towards the +3 mm rule, as the bone height can be included in the overall biological height. The practical implementation of this rule is surprisingly simple with K3Pro XP: after successful analysis of the soft and hard tissue supply, a shorter implant with extended prosthetic components (Xtended Prosthetics) can achieve a uniquely sustainable result in cases of doubt.

Working according to the stable tissue concept is essential to ensure the longevity of implants. The correct volume of hard and soft tissue is the key factor for the success of implant therapy and contributes significantly to patient satisfaction.

See our speaker Dr. Kai Zwanzig on the advantages of the revolutionary **Stable Tissue Concept.**

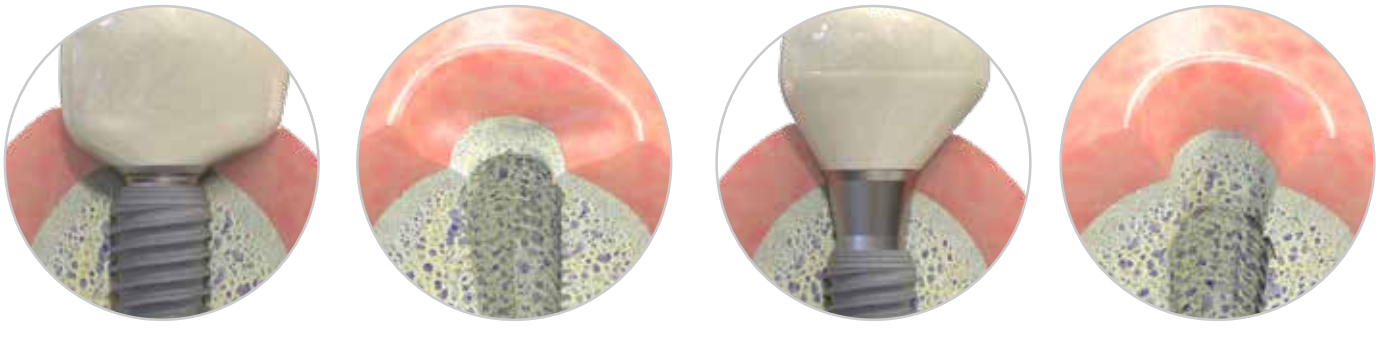
K3Pro® Concave vs Convex

The XP difference of the emergence and exit profiles

The XP Prosthetics line allows a continuous exit profile form the implant shoulder, so that the implant can be placed 1-2 or 3mm sub-crestal without the abutment interfering with the bone and through a wide convex profile preventing the abutment from seating in the implant.

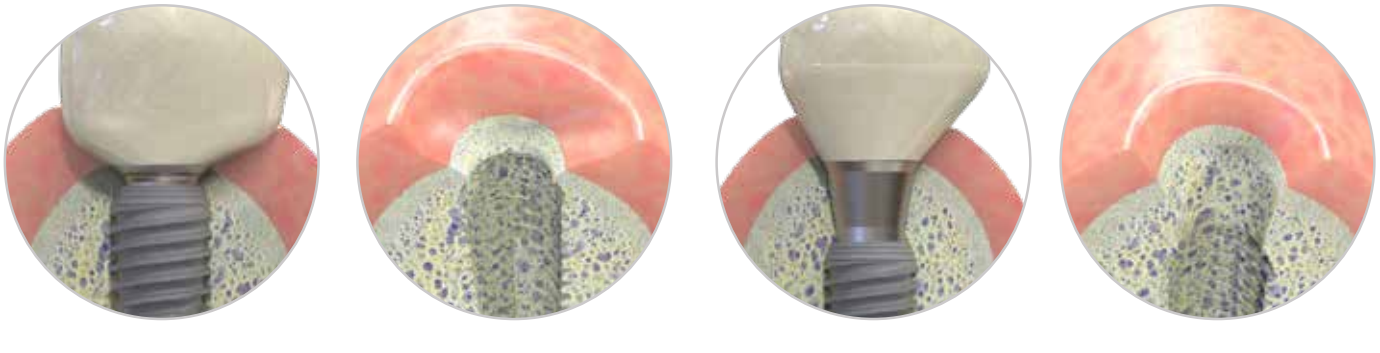
1mm Subcrestal

K3Pro® Convex | XP-Concave



2mm Subcrestal

K3Pro® Convex | XP-Concave

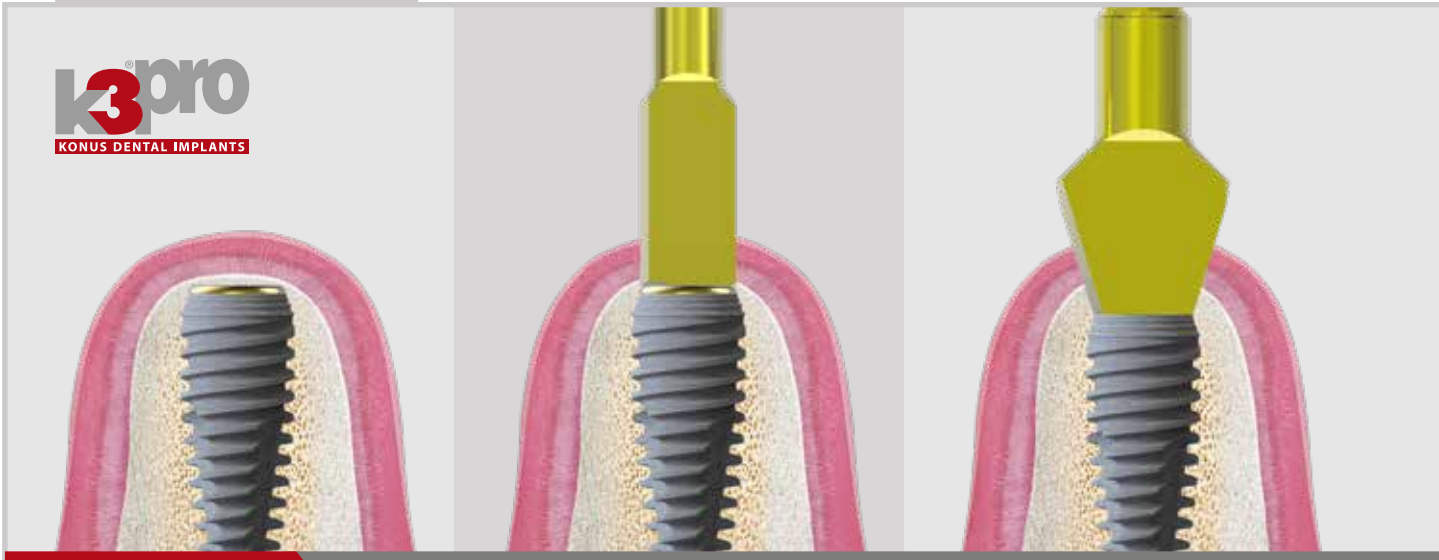


3mm Subcrestal

K3Pro® Convex | XP-Concave

UNLEASH THE FULL **BIOLOGICAL POTENTIAL** OF K3PRO® WITH THE XP LINE

WORKFLOW K3PRO CLASSIC



PLEASE NOTE: XP-LINE COMPONENTS CAN BE USED AT ANY TIME IN THE WORKFLOW WITHIN K3PRO CLASSIC.

1. Our K3Pro standard screw plug is covered by bone.
2. The bone must be removed by using a special exposure instrument.
3. The sulcus former shapes the bone above the implant shoulder.

WORKFLOW K3PRO XP LINE

Courtesy of Dr. Jan Bublik
Wisconsin, USA

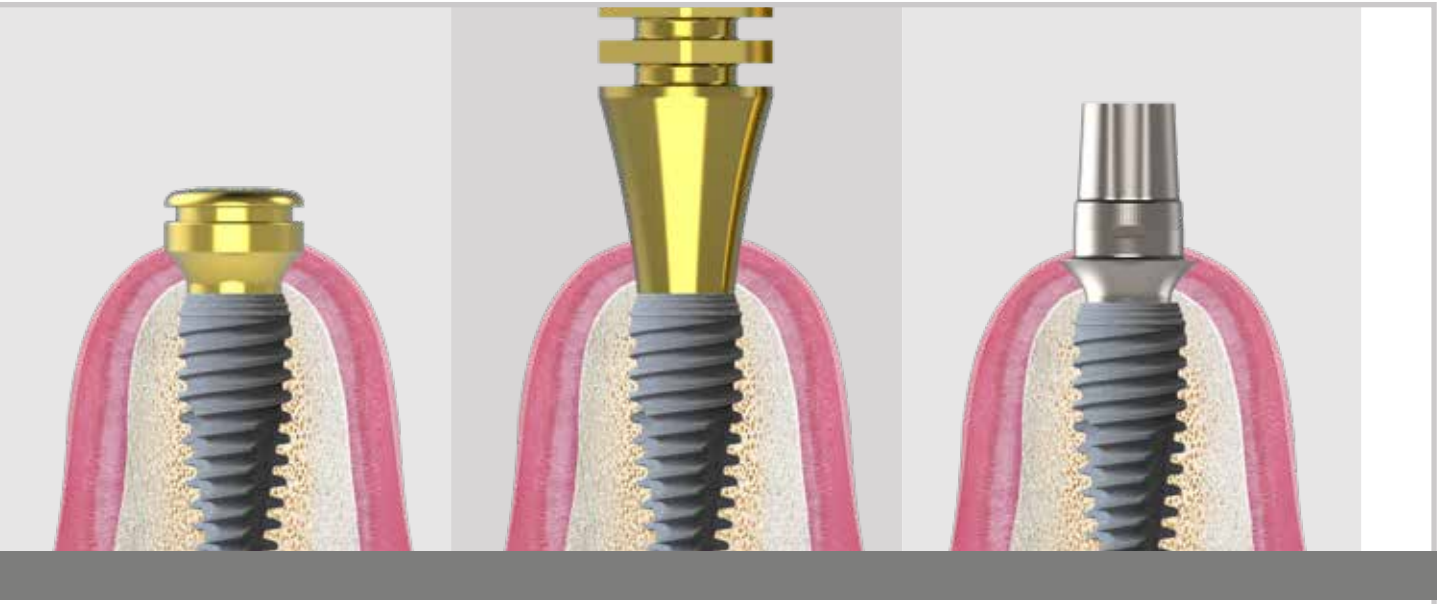
PLEASE NOTE: IN THE WORKFLOW WITHIN THE XP-LINE, THE K3PRO CLASSIC COMPONENTS CAN ONLY

1. The XP Bone Profile Screw forms the emergence profile with the closure of the implant.

2/3. There is no need to expose the closure screw or remove the bone. The tissue obtained during osseointegration is retained.

K3Pro® The Workflows

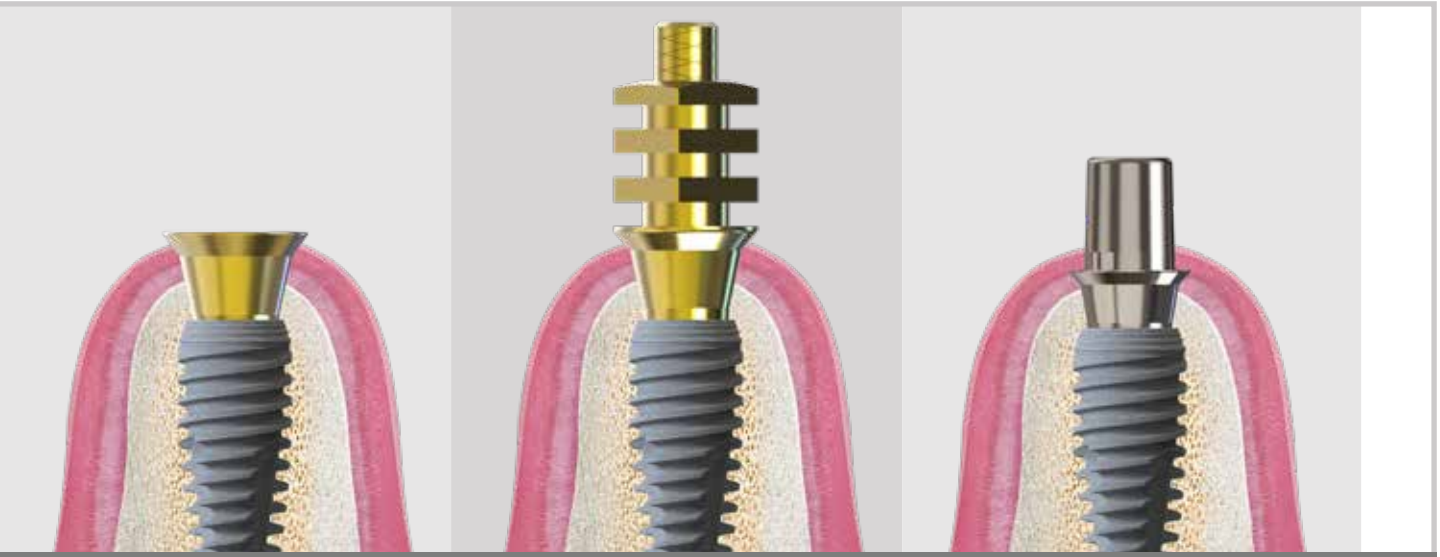
With the K3Pro® XP system, we remove the system-related limitation of the subcrestal insertion of a maximum of 1 mm and eliminate the use of the reamer for subsequent adjustment of the emergence profile. By preparing the bone emergence profile using our new Bone Profile Screws and the variable use of up to 3 mm subcrestal insertion, you can expect the highest esthetic results with absolute repeatability with a follow-up program of prosthetic components that can be perfectly integrated into the existing profile.



4 The classic K3Pro gingiva formers rests on the shoulder of the implant.

5 The classic impression posts also rests on the implant shoulder to determine the height.

6 The subsequent final prosthesis is enclosed again by new bone formation.



BE USED WITH THE SULCUS FORMER.

4 The K3Pro XP gingiva formers fit seamlessly into the geometry of the Bone Profile Screw.

5 Our XP impression post determines the height of the insertion by fitting into the hexagon socket.

6 Taking into account the bone height (B), the abutments fit seamlessly into the profile.

SELECTION GUIDE **OF THE CORRECT ABUTMENT**

1. Step: Selection of the right prosthetic platform.
Make sure you know which platform the implant to be restored belongs to:

2 mm **2mm Platform**
(Implants with a diameter of 3.0/3.5 mm)

3 mm **3mm Platform**
(implants with a diameter of 4.0 mm or more)

Short **Short Platform**
(Implants with a length of 5.5 - 6.5 mm)

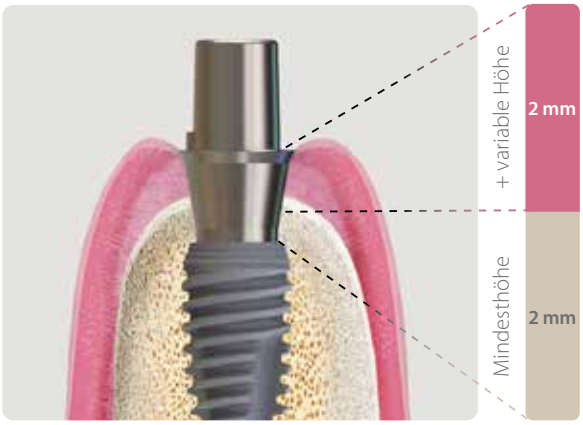
Attention: The same type of abutment is usually used for the yellow and blue platforms, but the difference lies in the retaining screw, which must be ordered separately.

2. Step: Selection of the preparation height (total height) Within the K3Pro® system, we use the preparation height to describe the distance between the preparation level and the implant shoulder. It should be noted that K3Pro® implants are generally placed subcrestally. Within the Stable Tissue Concept and thus the use of K3Pro® XP components, the insertion depth can be easily determined by identifying the Bone Profile Screw used:

Attention: This information is very important as it specifies the minimum height of the abutment to be selected. Falling below this height would result in the preparation margin not being within the gingiva as desired, but subcrestally.

Taking into account the minimum height (B), the prosthetic step should therefore be 0.9 mm below the tissue height (H).

	H2	H3	H4	H5	H6
B1	P1	P2	P3	P4	P4
B2		P2	P3	P4	P4
B3			P3	P4	P4



In this example, there is a subcrestal insertion of 2 mm, whereupon a Bone Profile Screw B2 was used. The minimum height of the abutment to be selected is therefore > 2 mm, but ideally 0.9 mm below the gingiva. An abutment P3.1 (prosthetic level 3.1 mm above the implant shoulder) is used.

H - 0,9 mm = P

Attention:

P must not be lower than B

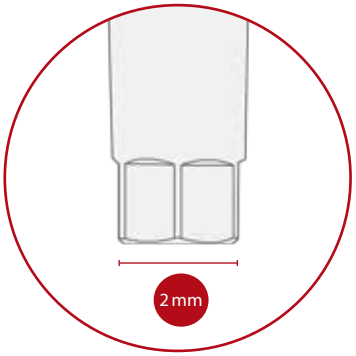
K3pro® Abutment Choice

Step 3: Specifying and selecting the plate width
The first two digits indicate the diameter of the abutment. Normally, this is based on the prosthetic platform. In some cases, however, it is also possible for this to be selected. This applies in particular to the prefabricated gingiva formers.

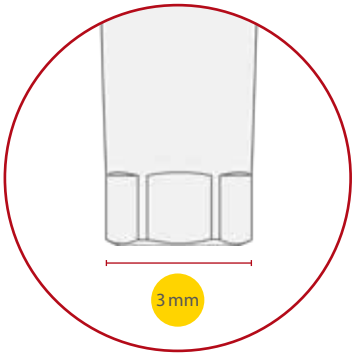
Step 4: Angulation selection
K3Pro® abutments are offered in straight and angulations (up to 40°) which is indicated by the third and fourth digits of the order number.

Step 5: Selecting the gingiva height (also referred to as preparation or total height)
The fifth and sixth digits indicate the distance between the preparation step and the implant shoulder for K3Pro® abutments. Please note that in the recommended case the subcrestal insertion of K3Pro®, the term gingival height is misleading and it therefore does not include the subcrestal portion of the abutment. Therefore, consider the total height indicated by the number.

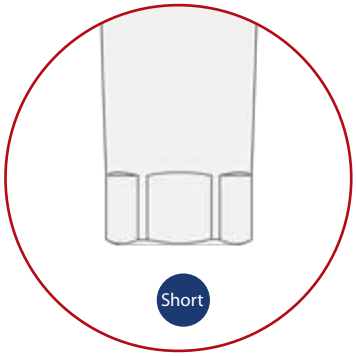
COLOR CODING OF OUR PLATFORMS



The platform is 2 mm wide.
Connecting screw:
ETS.K3Pro/2.Set



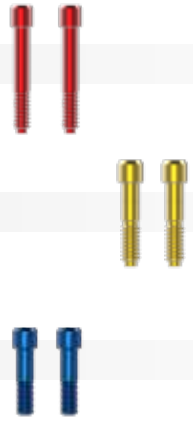
The platform is 3 mm wide.
Connecting screw:
ETS.K3Pro/3.Set



The platform is 3 mm wide.
For Short implants, use the following connection screw:
AS.K3Pro_S.1.6/Set

ABUTMENT SCREWS

Item Number	Description	Platform
ETS.K3PRO/2.SET	Abutment screw K3Pro® 2mm (2 pieces)	2 mm
ETS.K3PRO/3.SET	Abutment screw K3Pro® 3mm (2 pieces)	3 mm
AS.K3PRO_S1.6/SET	Body screw K3Pro® Short (2 pieces)	Short

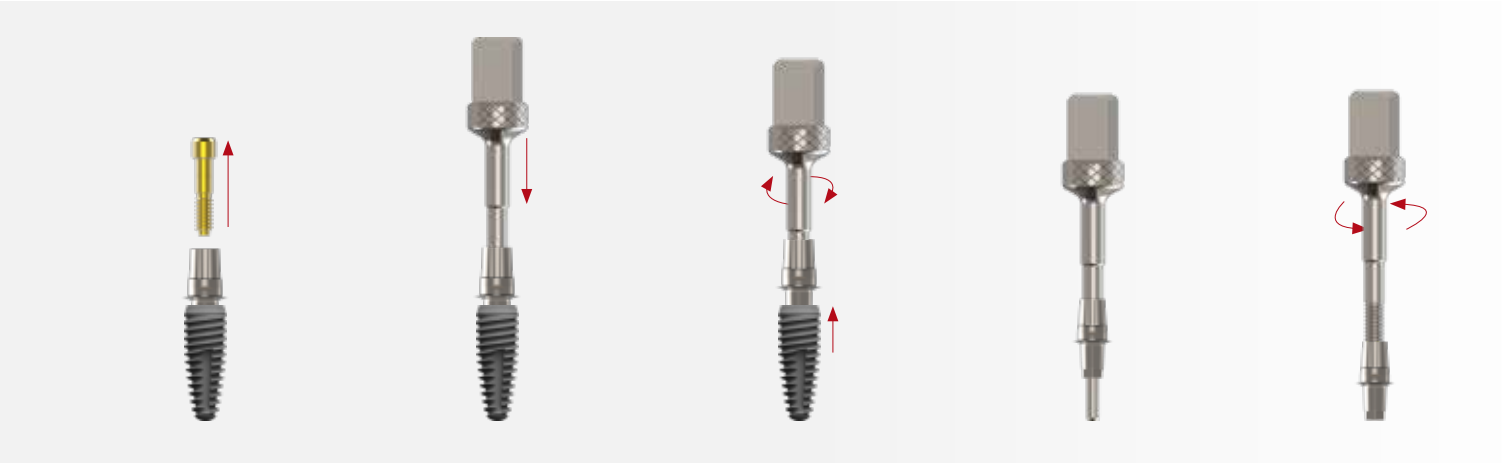


Notice:
Please note that abutment screws must always be ordered separately and are not supplied with the abutments themselves.

Product	Platform			Figure
	2 mm	3 mm	Short	
Surface-mounting screw	20 Ncm	25 Ncm	20 Ncm	
Retaining screw, open/closed transfer post	5 Ncm	5 Ncm	5 Ncm	
Temporary abutments (TPA)	5 Ncm	5 Ncm	5 Ncm	
Gingiva former (TA), Titanium	5 Ncm	5 Ncm	5 Ncm	
Finder / ball head superstructures (DLA)	20 Ncm	25 Ncm	20 Ncm	
RapidFix abutments (MU) or MultiBase (MB) secondary retaining screw	20 Ncm Max. 10 Ncm	25 Ncm Max. 10 Ncm	20 Ncm Max. 10 Ncm	

Prosthetic handling

REMOVING THE ABUTMENT - LOOSENING THE CONICAL CONNECTION



K3Pro® is a two-part implant system with a very specific conical implant-abutment connection, which is particularly characterized by its length, which is equivalent to a force fit by cold welding. Its prosthetic application differs from conventional implant systems that use butt-joint, platform-switch, flat or short-cone connections. Therefore, please read these application instructions carefully before starting treatment.

Be Sure to order the K3Pro® prosthetic instruments, including the abutment removal tool and hex screwdriver. Utilizing these instruments is a basic prerequisite for success.

Instructions for removing a K3Pro® abutment with a seperate connection screw:

1. Select the required instruments
Its important to know the exact implant placements you are using (2mm, 3mm, short). For detailed advice on which specific instruments you need for your case, please contact your Argon consultant.

2. Removing the connecting screw
Insert the hex screwdriver into the head of the retaining screw and check it's seated properly based on feel. Next, turn the screwdriver counterclockwise using a torque ratchet (taking into account the insertion forces specific to the implant platform to loosely and completely remove the screw from the thread). For the red implant platform (2 mm internal taper) follow 20 Ncm, for the yellow implant platform (3 mm internal taper) follow 25 Ncm and for the blue implant platform (3 mm with short screw with micro thread) follow 20 Ncm. Make sure that you set the correct torque value on the ratchet before removing the scew from the abutment channel. **Tip: the hex driver is designed to make it easier for you to remove the screw. After the screw has already been removed from the thread, press the screwdriver into the screw head again. The screw now adheres securely to the instrument and can be easily removed by pulling it upwards.**

3. Removing the abutment
Insert the abutment removal tool into the abutment and turn clockwise. Continue turning until you feel resistance at one point, making sure you **do not pull!** Instead, use a torque ratchet following the torque values in step two above to turn clockwise a little further. You can remove the abutment, secured by the conical cold weld, by using the unscrewing mechanism to gently lift it off. Next, unscrew the abutment from the implant.

Please do not attempt to proceed without the abutment removal instrument change to tool, for example with pliers or ultrasonic devices. The friction is intentionally much too strong due to the design. Improper handling can lead in damage to the abutment or compromise the integrity of the implant.

Stage 1: BPS

B1
B2
B3

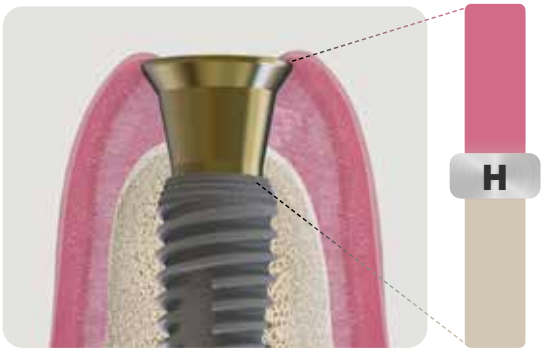
Choose your insertion depth

A biologically optimal sulcus design begins with precise shaping of the bone profile. The Bone Profile Screw (BPS) is available in three versions to accomodate different subcrestal insertion depths, depending on the clinical indication.

1 mm subcrestal = B1
2 mm subcrestal = B2
3 mm subcrestal = B3

Stage 2: TA

H2
H4
H6



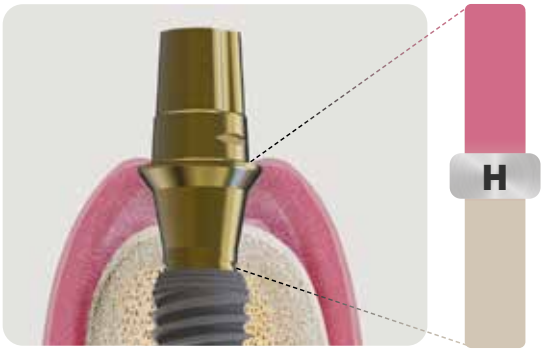
Shape the fabric

At this stage, the bone emergence profile previously shaped by the bone profile screw is accurately captured and remains unchanged in its original form. The key selection criterion is the total soft tissue height above the implant shoulder.

2 mm Tissue height = H2
4 mm Tissue height = H4
6 mm Tissue height = H6

Stage 3 Analog: GT / OT Stage 3 Digital: SB

H2
H4
H6



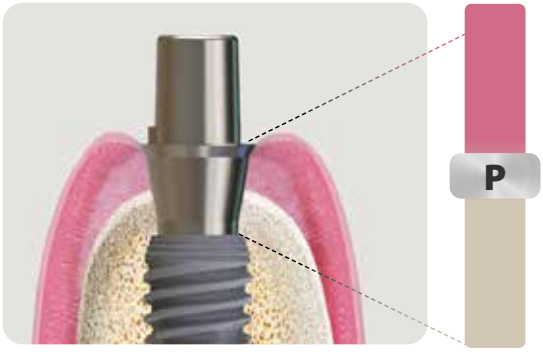
The laboratory transfer

In contrast to the selection of the height of the Bone Profile Screws (BPS), the height of the impression posts (such as healing abutments) is shown based on the total height measured from the implant shoulder. This is the total biological height above the implant. The scan-bodies can be used universally.

2 mm Tissue height = H2
4 mm Tissue height = H4
6 mm Tissue height = H6

Stage 4: Prosthetics

P1
P2
P3
P4
P5



The selection of the prosthetic component In this example, there is a subcrestal insertion of 2 mm, whereupon a Bone Profile Screw B2 was used. The minimum height of the abutment to be selected is therefore > 2 mm, but ideally approx. 1.0 - 1.5 mm below the gingiva. An abutment P3 (prosthetic level 3.0 mm above the implant shoulder) is used.

1,0 mm prosthetic level = P1 3,0 mm prosthetic level = P3
2,0 mm prosthetic level = P2 4,0 mm prosthetic level = P4

Stage 1: BPS

BPS .XP
Bone Profile Screws

Stage 2: TA

TA .XP
Gingiva Former

Stage 3 Digital: SB

SB
Digital impression

Analog GT/OT

GT .XP
Closed transfer post

OT .XP
Open transfer post

Stage 4 Prosthetics

KSA .XP
Adhesive/scan

FB.XP
FlexibleBase

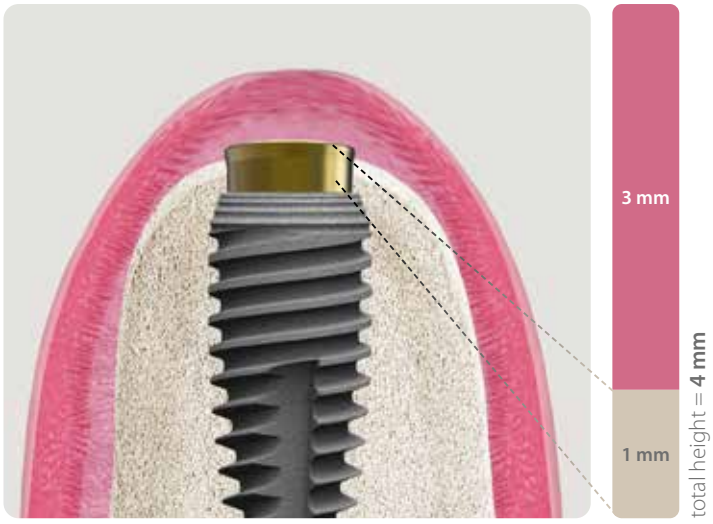
CS .XP
Cerec

MB.XP
MultiBase

MU.XP
Multiunit

PM.XP
Premill

TPA.XP
Temporary abutments



1 mm subcrestale insertion + 3 mm Gingiva

= 4 mm total height

If you find **3 mm of soft tissue**, it is sufficient to place your implant **1 mm subcrestally** to achieve the desired total height of at least 4 mm.

Please select a Bone Profile Screw of **height B1.**

B1

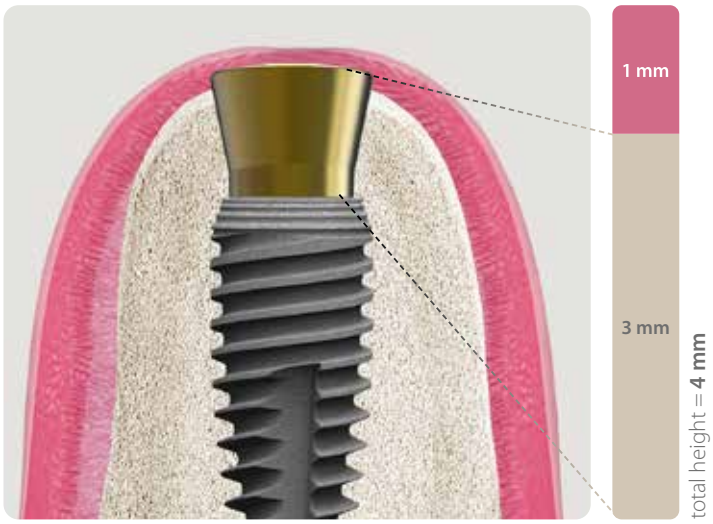
2 mm subcrestale insertion + 2 mm Gingiva

= 4 mm total height

If you find **2 mm of soft tissue**, it is sufficient to place your implant **2 mm subcrestally** to achieve the desired total height of at least 4 mm.

Please select a Bone Profile Screw of **height B2.**

B2



3 mm subcrestale insertion + 1 mm Gingiva

= 4 mm total height

If you find **1 mm of soft tissue,** it is sufficient to place your implant **3 mm subcrestally** to achieve the desired total height of at least 4 mm.

Please select a Bone Profile Screw of **height B3.**

B3

K3Pro® XP Bone Profile Screws

The K3Pro® BPS.XP Bone Profile Screws are used in place of standard closure screws to support the stable tissue concept. They shape the bone emergence profile, providing the essential foundation for optimal biological integration. Localization and exposure are straight forward. Additionally, the bone profile enables minimially invasive follow-up treatment -including gingiva shaping, emergence profile design, impression taking, and placement of the final abutment-even with implant positioning, up to 3mm subcrestal, thanks to the profile-matching XP line.

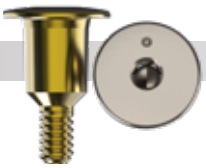
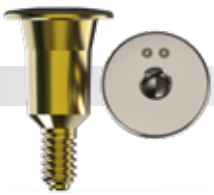
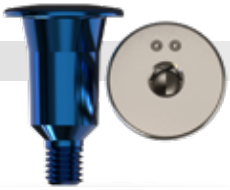
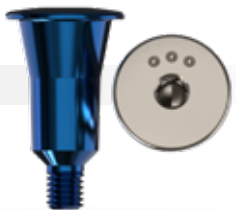
The decisive criteria for selection is the actual insertion depth of the implant, which is either determined intraoperatively using a measuring gauge or is already determined in the case of digital full-guided implant placement. The use of the BPS.XP in conjunction with the sloping, fully surface-treated implant shoulder of K3Pro® has the further advantage of being able to implant and augment at one time - for example in the membrane technique in the case of buccal bone deficiency - and to create hard tissue not only around but also above the implant.

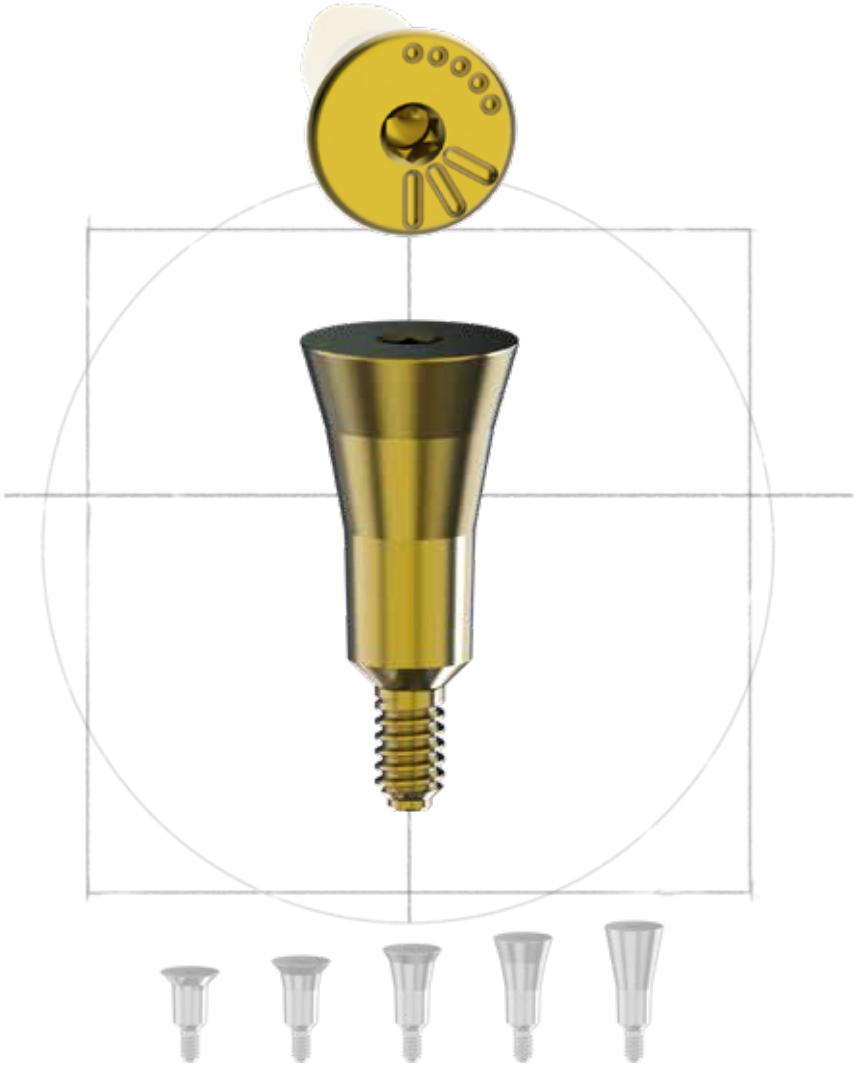
The K3Pro® BPS.XP bone profile screws are available in three platform-specific heights. They are screwed in hand-tight with a maximum of 10 Ncm.

BONE PROFILE SCREW

	1.0 mm	2.0 mm	3.0 mm
2 mm	 BPS.XP 21010/2	 BPS.XP 25020/2	 BPS.XP 31030/2
3 mm	 BPS.XP 31010/3	 BPS.XP 35020/3	 BPS.XP/39030/3
Short	 BPS.XP 31010/3S	 BPS.XP 35020/3S	 BPS.XP 39030/3S

BONE PROFILE SCREW WITH COVERPLATE

2 mm	 BPS.XP 25010/2T	 BPS.XP 21020/2T	 BPS.XP 31030/2T
3 mm	 BPS.XP 50010/3T	 BPS.XP 50020/3T	 BPS.XP 50030/3T
Short	 BPS_XP 31010/3ST	 BPS.XP 35020/3ST	 BPS.XP 39030/3ST



K3Pro® XP Gingiva Former

The K3Pro® TA.XP gingiva formers match the shape of the bone emergence profile formed by the BPS.XP. The selection criteria is the intended total height above the implant shoulder; the sulcular portion of the bone remains untouched due to the congruent shape, regardless of which BPS.XP was used (this applies to a limited extent for H2 and H3). This creates optimal conditions in the biological zone.

The K3Pro® XP Advantage:

Even with a deep subcrestal implant position, the newly formed hard and soft tissue above the implant remains undisturbed - eliminating the need for invasive intervention. The K3Pro® TA.XP gingiva formers are available in up to six platform-specific heights. For select platforms, up to three widths (S M L) are offered to allow optimal horizontal shaping of the mucosa based on the clinical indication. We recommend using a measuring instrument to determine the gingival height as a guide for selection - either measured from the implant shoulder, or subtracting the height of the BPS screw, if used.

As an option, the K3Pro® TA.XP gingiva formers are of course also suitable for open implant healing. They are screwed in, hand-tight, with a maximum of 10 Ncm.

	2.0 mm	4.0 mm	6.0 mm
2 mm S	 TA.XP 40020/2	 TA.XP 40040/2	 TA.XP 40060/2
3 mm L	 TA.XP 40020/3	 TA.XP 40040/3	 TA.XP 40060/3
3 mm M	 TA.XP 50020/3	 TA.XP 50040/3	 TA.XP 50060/3
3 mm L	 TA.XP 65020/3	 TA.XP 65040/3	 TA.XP 65060/3
Short M	 TA.XP 50020/3S	 TA.XP 50040/3S	 TA.XP 50060/3S
Short L	 TA.XP 65020/3S	 TA.XP 65040/3S	 TA.XP 65060/3S

V1 V2

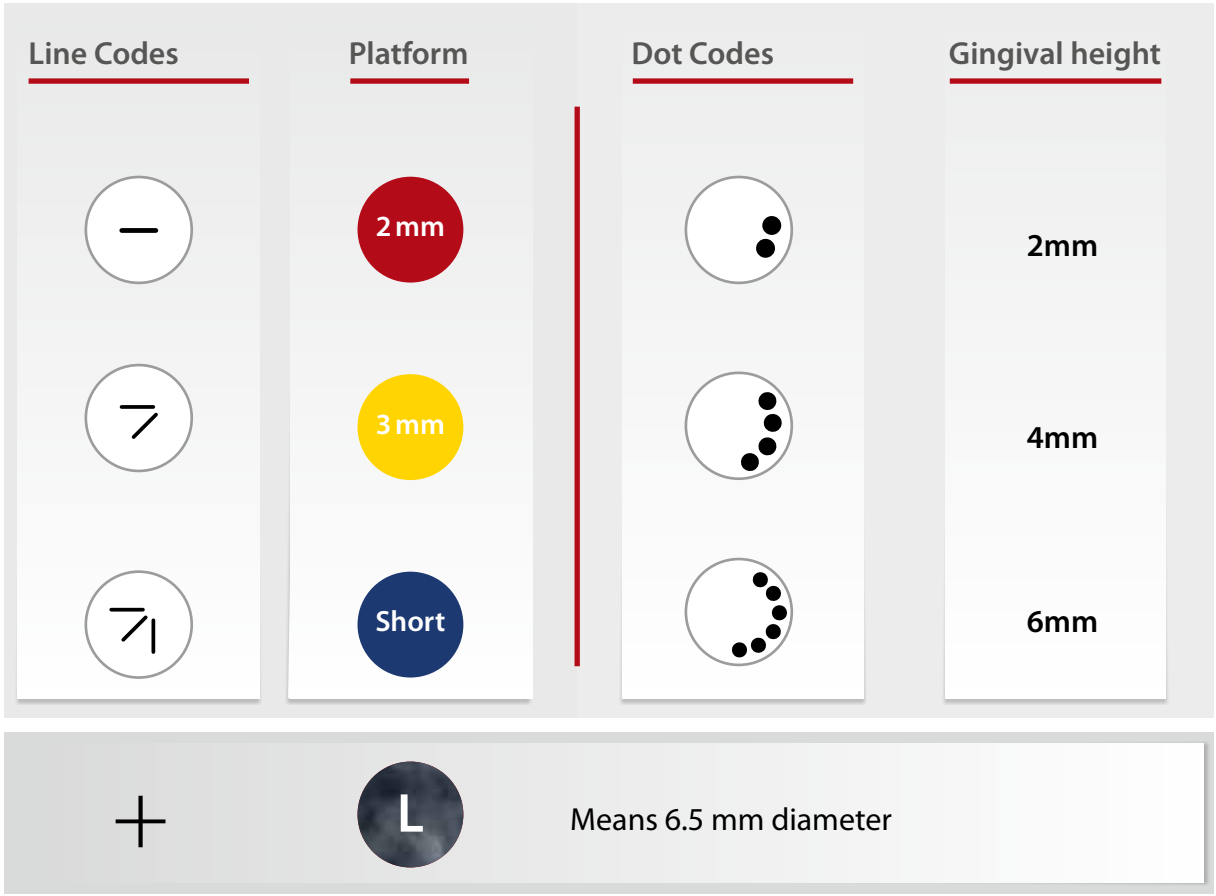
All TA.XP Gingivalformers are available as downloads in our digital library. There two scan versions available; **Version 1** with lasered stock number and **Version 2** with additional notches or dots, which are easier readable by some scanners than just the lasered stock number.

The TA.XP digital gingiva formers are clearly labeled, enabling reliable identification during further processing of intraoral scans.

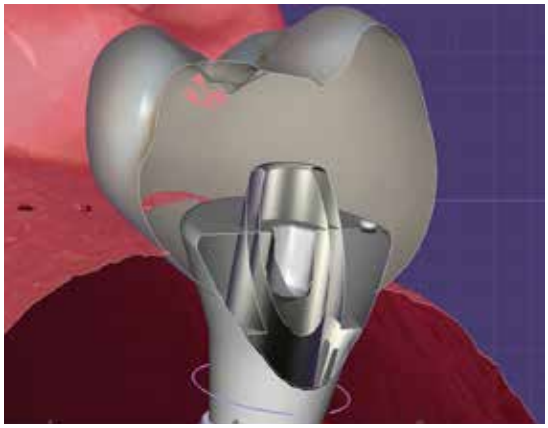
In the design software, the TA.XP raw form can be loaded as a visualization scan file and superimposed with the intraoral scan. This makes it possible to digitally recreate the exact emergence profile.

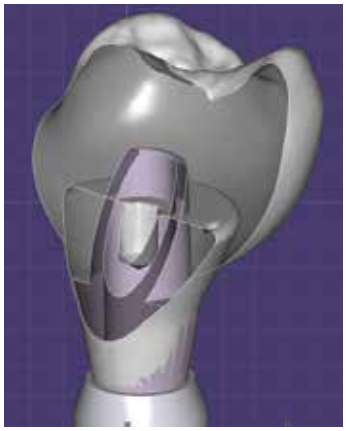
The result is a precisely planned emergence profile and a smooth workflow when seating the crown in the patient.

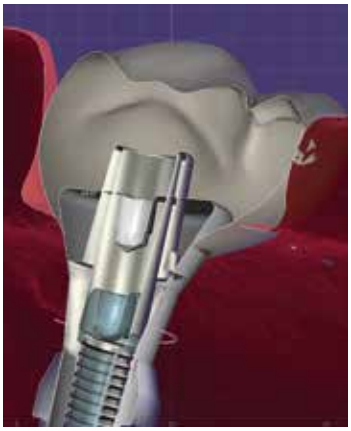
GINGIVA FORMER LABELING SYSTEM



CAD overlay Gingivalformer/Abutment/Crown

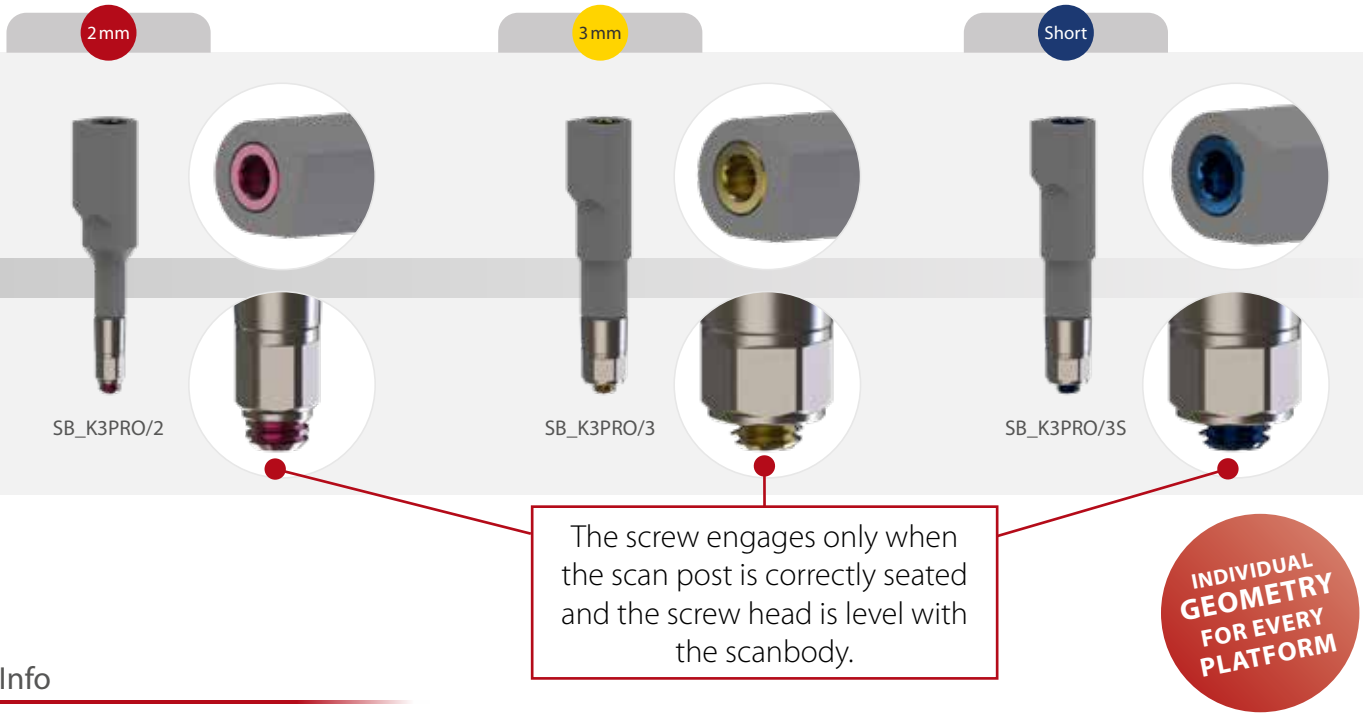






K3Pro® Scanbody

The K3Pro® SB scanbodies transfer the implant position to the laboratory during intraoral scanning and enable the fabrication of a printed model or the direct digital design of the restoration. If the impression of the implant position and emergence profile is taken conventionally with an open or closed abutment, the scanbody is used for the laboratory scanner. In combination with the XP or the classic K3Pro® prosthetic line, the complete abutment portfolio can be accessed with the familiar design software and customized dentures can be fabricated. The criteria for selecting the correct scanbody is based on the implant platform; the insertion depth of the implant is irrelevant due to its slim design. It has a hexagon for securing the rotation. After being screwed in, the screw is flush with the head of the scanbody, which helps determine if the scanbody is properly seated. This innovation helps clarify the process for both doctors and laboratories, ensuring a smooth an efficient workflow. Utilizing the notch above the implant connection allows the correct fit to be checked on the X-ray image. The maximum tightening torque is 10 Ncm. Note: It is impossible to mix up the different platforms in the laboratory, as each scanbody has an individual geometry.



Info

The **SB K3Pro®** scan abutments can be used with both the **K3Pro® Classic** prosthetics and the new XP-Line prosthetics. Like the high BPS closure and healing screws and the TA XP healing abutments, they already take up the shape of the biological tissue cylinder above the implant shoulder. They can also be used for crestally placed implants and can be aligned with any digitizable **K3Pro®** abutment. They are suitable for both for intraoral digital impressions as well as for the laboratory scan on the classic model. The secure implant fit and the reliability of the scan are ensured because the specific retaining screw is integrated and, when correctly seated in the hex, is completely flush with the head of the scan post after being screwed in.

- Available for all platforms, regardless of the insertion depth of the implant
- Fits directly into the implant , without conical force fit, ensuring precision and tissue protection during intraoperative use
- Rotation-proof due to seat in hexagon and visualization aid thanks to flush-fitting retaining screw
- For digital intraoral impression or laboratory scan
- Can be used universally with all prosthetic design software in conjunction with the K3Pro library

exocad
exoplan
dental wings
coDiagnostiX
Atomic AI
B4D
CAD FLIX
ProDigiDent Lab
SHERA WERKSTOFF TECHNOLOGIE
vatech
Denseo
DÜRR DENTAL
BlueSkyPlan.com
hypsocad
PLANMECA
3shape
Biss Dental Software Suite
reU i-Dixel
SICAT
smop powered by swissmeda

CAD/CAM libraries can be requested from the respective manufacturer. Alternatively, you can also download them via:
www.argon-dental.de

Would you like further information about this topic or do you have technical questions? Feel free to contact us by email at:
support@argon-dental.de

The latest versions of our K3Pro® CAD/CAM libraries can be found in our media library at
www. argon-dental.de

K3Pro® XP Transfer posts (GT)

The K3Pro® GT.XP transfer posts convey the implant position to the laboratory after the impression is taken with a closed or prefabricated tray. The transfer is particularly precise, as the GT.XP exactly matches the soft tissue profile formed by the TA.XP gingiva formers.

They serve as more than just a transfer post - they inform the laboratory with critical information about the mucosal height and emergence profile diameter. This facilitates the accurate selection of abutment preparation height, especially when the BPS.XP bone profile screw used. The criteria for selection is quite simple, as they are available in identical heights and widths as the TA.XP gingiva formers. This means that no invasive intervention in the healed hard and soft tissue structure above the implant is required, even with a deep subcrestal implant position.

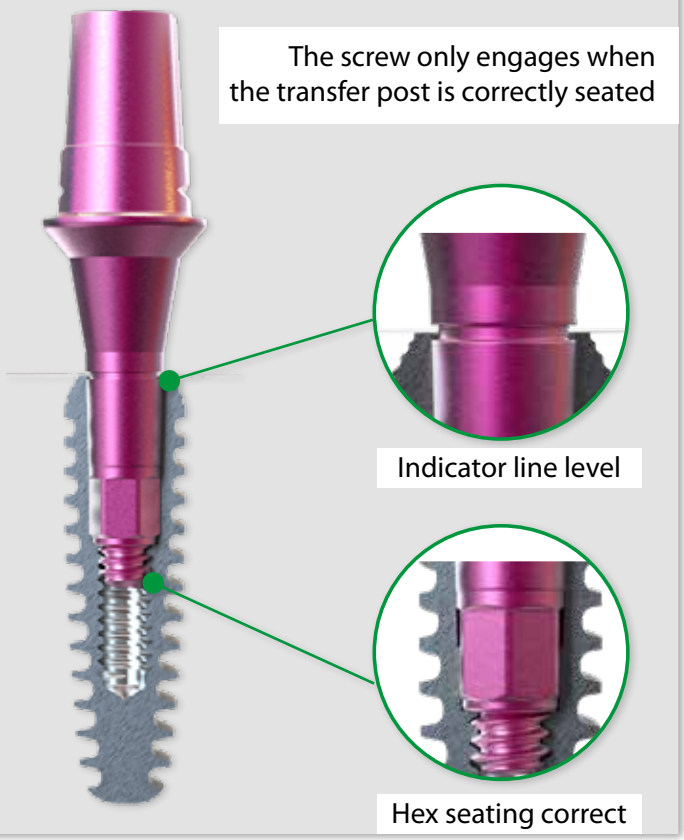
The K3Pro® GT.XP impression posts are used in a set with precisely fitting snap-on caps, which can only be used in two positions offset by 180°. They have an internal hexagon in the implant to prevent rotation. Their use is particularly recommended distally or with restricted mouth opening. They are screwed in, hand-tight, with a maximum of 10 Ncm.

2.0 mm	4.0 mm	6.0 mm	
 GT.XP 40020/2.SET	 GT.XP 40040/2.SET	 GT.XP 40060/2.SET	2 mm S
 GT.XP 50020/3.SET	 GT.XP 50040/3.SET	 GT.XP 50060/3.SET	3 mm M
	 GT.XP 65040/3.SET	 GT.XP 65060/3.SET	3 mm L

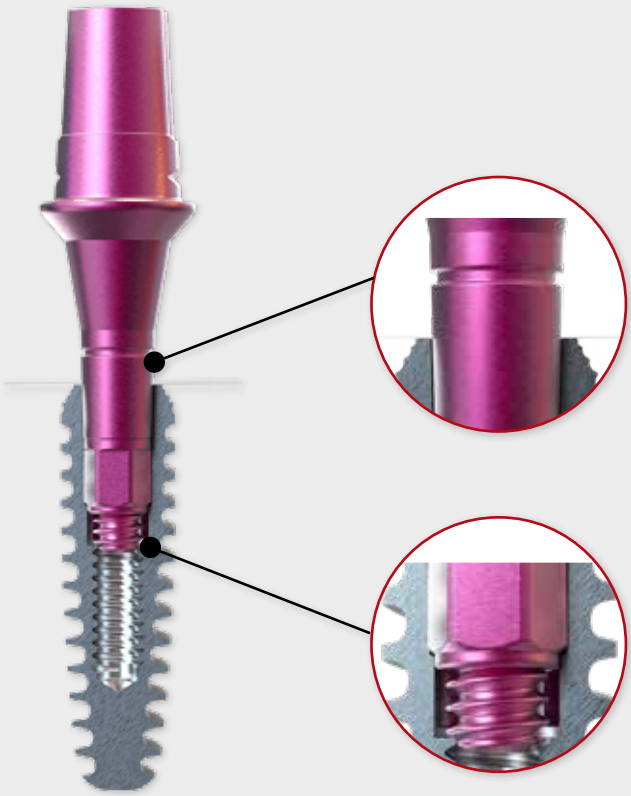
Each of our GT transfer posts is supplied as a set including the corresponding impression cap.

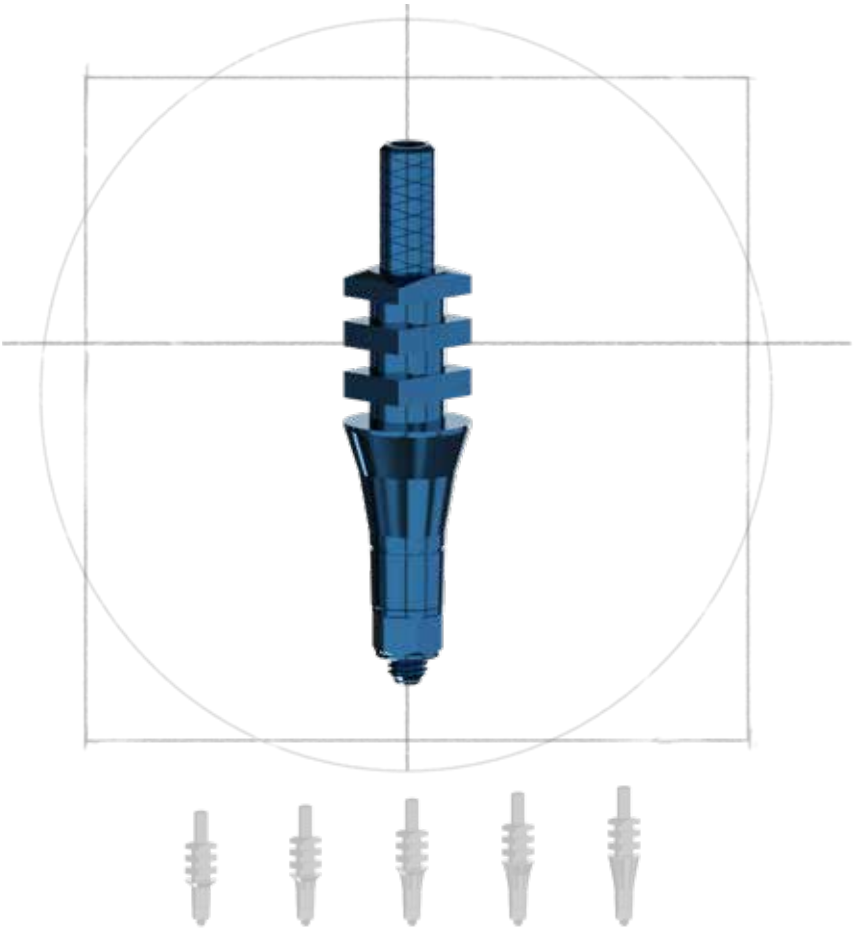
	2.0 mm	4.0 mm	6.0 mm
Short M	 GT.XP 50020/3S.SET	 GT.XP 50040/3S.SET	 GT.XP 50060/3S.SET
Short L		 GT.XP 65040/3S.SET	 GT.XP 65060/3S.SET

CORRECT



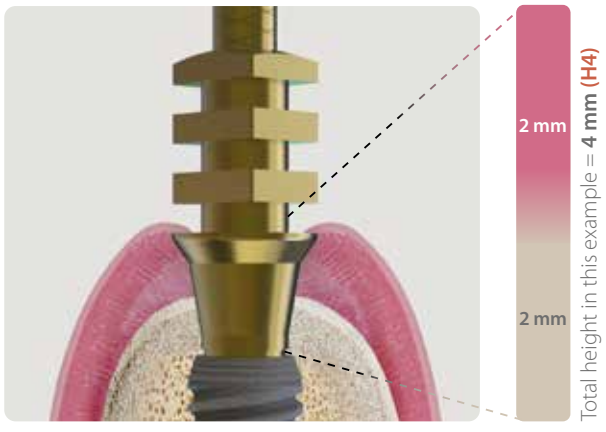
FALSE





K3Pro® XP Transfer posts (OT)

The K3Pro® OT.XP transfer posts convey the implant position to the laboratory after impression taking with an individual tray. They precisely pick up the soft tissue profile formed by the TA.XP gingiva formers. They inform the laboratory about the height of the mucosa and the diameter of the emergence profile, which makes it easier to select the preparation height of the abutment. They are available in identical heights and widths as the TA.XP healing abutments and do not require any invasive intervention in the healed tissue structure. The K3Pro® OT.XP impression posts have retention grooves for a secure hold in the impression material, a rectangular flattening and an internal hexagon to prevent rotation. A central retaining screw ensures good accessibility even with a high tray and deep insertion. They are screwed in, hand-tight, with a maximum of 10 Ncm.



In contrast to the selection of the height of the Bone Profile Screws (BPS), the height of the Open Impression Copings (OT) is shown based on the total height measured from the implant shoulder. Therefore, this is the total biological height above the implant.

In the component selection, this is indicated by the designations **H2 – H4 – H6**.

H2 **H4** **H6**

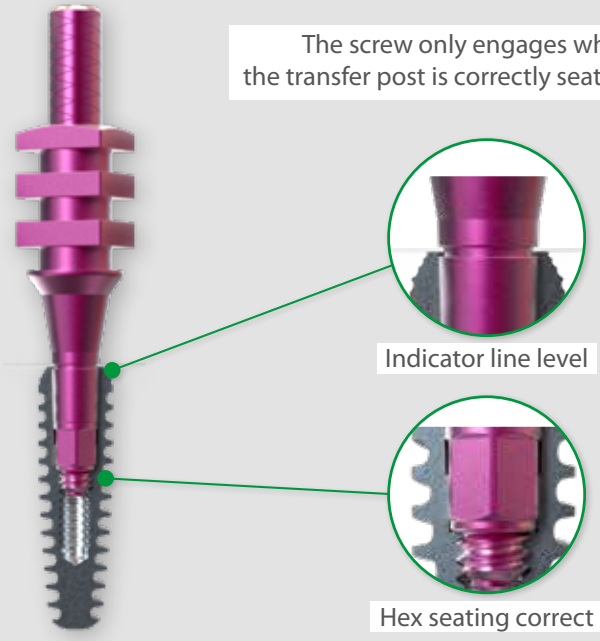
	2.0 mm	4.0 mm	6.0 mm
Short M	 OT.XP 50020/3S.SET	 OT.XP 50040/3S.SET	 OT.XP 50060/3S.SET
Short L		 OT.XP 65040/3S.SET	 OT.XP 65060/3S.SET

SLIM LINE

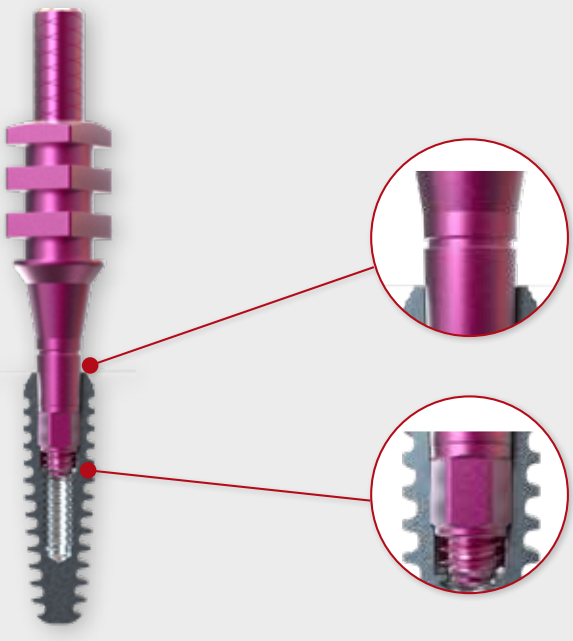
	8.0 mm
XS	 OT.XP 40080/3S_SL.SET Slim Line

CORRECT

The screw only engages when the transfer post is correctly seated.



FALSE



2.0 mm | 4.0 mm | 6.0 mm

S 2 mm

OT.XP 40020/2.SET

OT.XP 40040/2.SET

OT.XP 40060/2.SET

M 3 mm

OT.XP 50020/3.SET

OT.XP 50040/3.SET

OT.XP 50060/3.SET

L 3 mm

OT.XP 65040/3.SET

OT.XP 65060/3.SET

SLIM LINE

8.0 mm | 8.0 mm

XS

OT.XP 30080/2_SL.SET
Slim Line

OT.XP 40080/3_SL.SET
Slim Line

K3Pro® XP KSA Abutments

The K3Pro® KSA.XP abutments are the most common solution for final restorations in the stable tissue concept, whether for single crowns or cemented bridges.

They enable the fabrication of customized emergence abutments using the zirconia hybrid technique as well as monolithic occlusally screw-retained single crowns made of zirconia or pressed ceramic.

These abutments can be processed both digitally (via universal, platform-specific scan posts or scan caps on the abutment) and manually (with optional modeling cap) and are integrated in all common design software. Their esthetic quality is particularly noteworthy due to the reduced platform-specific diameter. The abutments have a classic conical connection with a platform-specific insertion torque of 20 or 25 Ncm, which can only be revised using an unscrewing instrument. In the XP series, they are available in a wide range of step heights from 1.5 mm to 4.5 mm above the implant shoulder. They are ideal for subcrestal applications with a depth of 1 mm, 2 mm or 3 mm and offer a secure rotation lock with CAMS on the preparation level as well as sufficient abutment height for a stable bond strength.

1.5 mm	2.5 mm	3.5 mm	4.5 mm	
				2 mm
KSA.XP 400015/2	KSA.XP 400025/2	KSA.XP 400035/2		
				2 mm
KSA.XP 41515/2	KSA.XP 41525/2	KSA.XP 41535/2		
				3 mm Short
KSA.XP 430015/3	KSA.XP 430025/3	KSA.XP 430035/3	KSA.XP 430045/3	
				3 mm Short
KSA.XP 431515/3	KSA.XP 431525/3	KSA_XP 431535/3	KSA.XP 431545/3	

2 mm 	3 mm 	Short 
ETS.K3Pro/2.Set	ETS.K3Pro/3.Set	AS.K3ProS1/6.Set

PLEASE NOTE: The abutments are supplied without prosthetic screws. These must be ordered separately.

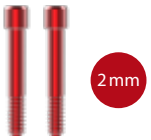
K3Pro® XP FB Flexible Base

The K3Pro® FB.XP Flexible Base Abutments are the best choice when it comes to esthetic restorations in the stable tissue concept, for single crowns and cemented bridges. They enable the individual fabrication of zirconia abutments using CAD-CAM or manual procedures with their own emergence profile, ideal for occlusally screw-retained monolithic crowns. These abutments are extremely aesthetic thanks to their golden titanium nitride coating and minimal plate diameter. Their continuous geometry is compatible with XP healing screws, healing abutments and impression posts.

The FB.XP abutments are designed for subcrestal inserts of 1 mm, 2 mm or 3 mm and high subgingival zirconia components with step heights of up to 3.5 mm above the implant shoulder. A rotation lock with a cam on the preparation level and a maximum, individually shortenable abutment height ensure outstanding bonding strength, especially for long crowns. They offer a conical force fit in the implant with 20 Ncm for 2 mm or short platforms and 25 Ncm for 3 mm platforms. The abutments are also suitable for the intraoperative fabrication of a healing cap.

They are processed digitally with a universal scan post or scan cap, manually with an optional modeling cap and are integrated in all common design software. Their emergence geometry matches the shape of the XP components and ensures harmonious integration into the implant system. These properties make them the ideal choice for precise and esthetic restorations that meet the specific requirements of the stable tissue concept.

1.5 mm	2.5 mm	3.5 mm	
			2 mm
FB.XP 400015/2	FB.XP 400025/2	FB.XP 400035/2	
			3 mm Short
FB.XP 400015/3	FB.XP 400025/3	FB.XP 400035/3	

 2 mm	 3 mm	 Short
ETS.K3Pro/2.Set	ETS.K3Pro/3.Set	AS.K3Pro_S1.6.Set

PLEASE NOTE: The abutments are supplied without prosthetic screws. These must be ordered separately.

K3Pro® XP Cerec compatible abutments

The K3Pro® CS.XP abutments are the solution for dental restorations in the Stable Tissue Concept with the Cerec® technique. They enable the precise fabrication of customized emergence abutments and occlusally screw-retained monolithic single crowns.

The abutment height, shape and rotation CAM correspond exactly to the Cerec® blank geometry. These abutments are digitally molded using intraoral scanning, whereby the original Cerec® scan cap is placed over the rotation-secured abutment. In addition, they serve as a basis for emergence profiles in the Cerec® procedure and are Cerec® Blank-compatible, with the abutment design ensuring maximum adhesive strength.

The CS.XP abutments offer the classic conical connection with a platform-specific insertion torque of 20 or 25 Ncm, which can only be revised using an unscrewing instrument. In the XP series, they are available specifically for deep subcrestal insertions in three prosthetic heights (1.1 mm, 2.1 mm, 3.1 mm) above the implant shoulder. These features make them extremely flexible and adaptable for different clinical requirements, supporting the long-term functionality and restoration aesthetics.

1.5 mm | 2.5 mm | 3.5 mm

2 mm

CS.XP 400015/2 | CS.XP 400025/2 | CS.XP 400035/2

3 mm | Short

CS.XP 400015/3 | CS.XP 400025/3 | CS.XP 400035/3

2 mm

ETS.K3Pro/2.Set

3 mm

ETS.K3Pro/3.Set

Short

AS.K3Pro_S1.6.Set

PLEASE NOTE: The abutments are supplied without prosthetic screws. These must be ordered separately.

K3Pro® XP MB Multibase – the bar / frame abutment

The K3Pro® XP MultiBase abutments are specially designed for conditionally removable or screw-retained dentures and bars with a subcrestal insertion of two millimeters. These abutments offer rotation-secured direct screw retention of single crowns at abutment level as well as reliable fixation for implant-supported bar restorations. Their precise 1.5° tapered connection ensures a bacteria-proof connection that supports the long-term preservation of bone and soft tissue and thus promotes the health of the surrounding tissue.

The abutments are suitable for both analog and CAD-based workflows, thanks to the integrated data set in the K3Pro® library. This enables efficient and precise planning and fabrication of the restoration. The abutment base of the MultiBase abutments cannot be re-prepared; adjustments are made using special abutment caps.

The tightening torque varies depending on the platform size: 20 Ncm for 2 mm platforms, 30 Ncm for 3 mm platforms and 20 Ncm for short platforms. These different torques ensure an optimum connection and stability for each platform size, which contributes to the longevity and reliability of the supply.

1.0 mm	2.0 mm	3.0 mm	4.0 mm	5.0 mm

2 mm

MB.XP 400010/2 | MB.XP 400020/2 | MB.XP 400030/2 | MB.XP 400040/2 | MB.XP 400050/2

3 mm

MB.XP 400010/3 | MB.XP 400020/3 | MB.XP 400030/3 | MB.XP 400040/3 | MB.XP 400050/3

Short

MB.XP 400010/3S | MB.XP 400020/3S | MB.XP 400030/3S | MB.XP 400040/3S | MB.XP 400050/3S

INSERTION INSTRUMENT

MB_HREI_2/3
Insertion tool for K3Pro XP MultiBase Abutments

SCAN COMPONENTS

MB 4000SK/SET
K3Pro XP MultiBase Scan Cap - Titanium HLD coated incl. secondary screw

MB 4000SK_PK/SET
K3Pro XP MultiBase Scan Cap - Peek

LABORATORY COMPONENTS

MB 4000OT
K3Pro XP MultiBase Open Transfer Set incl. secondary screw

MB 4000LA
K3Pro XP MultiBase Lab Analog

MB 4000GT
K3Pro XP MultiBase Closed Transfer Set incl. secondary screw and transfer cap

ANTI-ROTATIONAL CAPS WITH SEPARATE SCREW

MB 4000TB_TI/SET
K3Pro XP MultiBase TiBase Cap - Titanium incl. secondary screw

MB 4000LK_TI/SET
K3Pro XP MultiBase Laser Cap - Titanium incl. secondary screw

MB 4000PK_PK/SET
K3Pro XP MultiBase Provisional Cap - Peek incl. secondary screw

MB 4000AK_POM/SET
K3Pro XP MultiBase Burnout Cap - POM incl. secondary screw

MB 4000PM_TI/SET
K3Pro XP MultiBase Premill Cap - Titanium incl. secondary screw

NON-ANTI-ROTATIONAL CAPS WITH INTEGRATED SCREW

MB 4000VK
MultiBase Cover Cap with integrated screw

MB 4000GK
MultiBase Gingival Cap with integrated screw

MB 4000FK
MultiBase Finder/Locater Cap with integrated screw

SCREW SET

HSVBA_1.6/SET
MultiBase secondary screw 1.6mm (2 pieces)

NON-ANTI-ROTATIONAL CAPS WITH SEPERATE SCREW

MB 4000KH
MulitBase Glue Cap with separate screw

MB 4000LK
MulitBase Laser Cap with cylinder and separate screw

MB 4000PK
MulitBase PEEK Cap with cylinder and separate screw

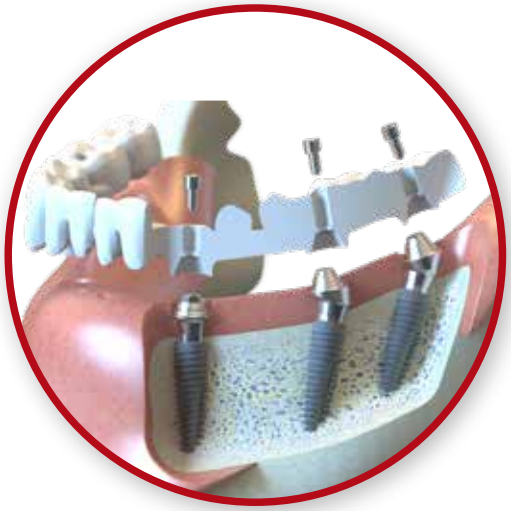
MB 4000POM
MulitBase POM Cap with cylinder and separate screw

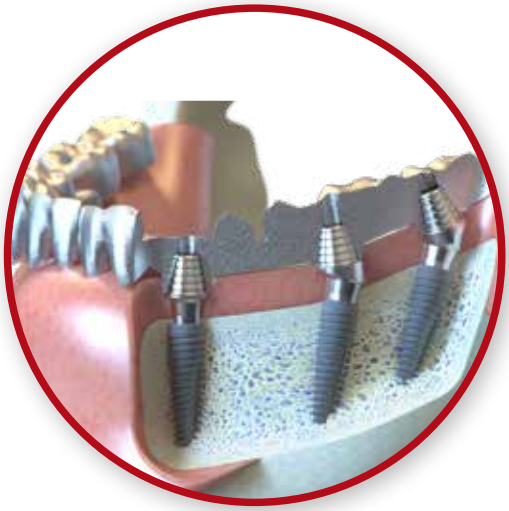
MU.XP

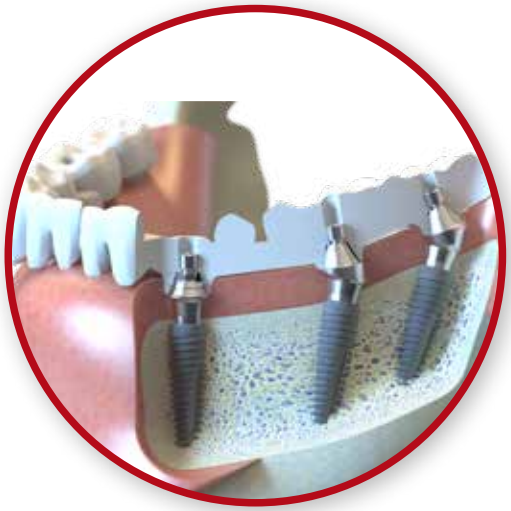
MU – MulitUnit Abutment:

MU Abutments are designed for screw retained bridges or the typical All-on-X restorations. Hereby is often the case that the implants are set at angulations which needs to be compensated by the abutment, which are available from 0, 20, 30 and 40°.

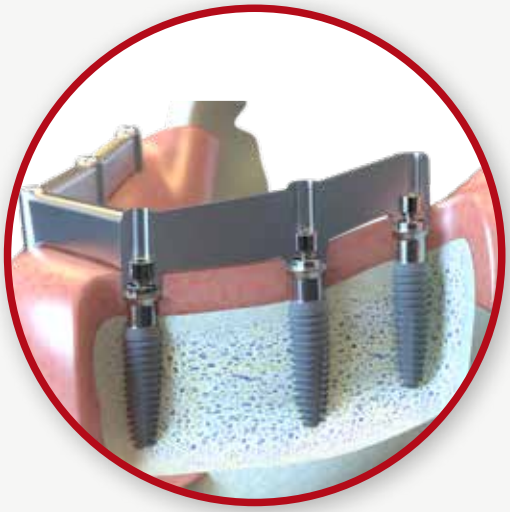
The secondary caps are rotational and used for integration in a frame or direct in a prothesis, as well as direct abutment screwed restorations with Zirconium.







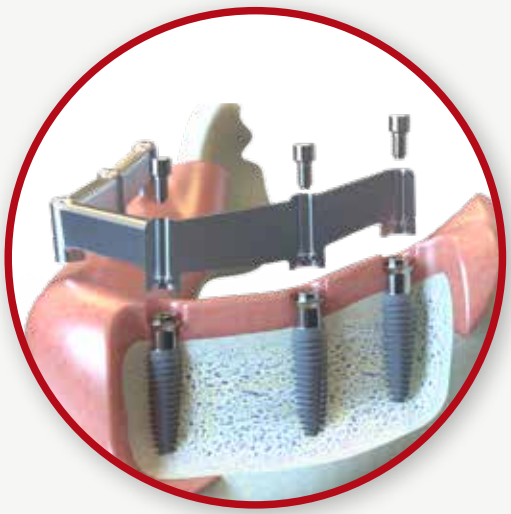
MB.XP



MB – MulitBase Abutment:

MB Abutments are designed to be used for removable bar retained restorations. The abutment platform allows for direct screw retained bar or framed prothesis, with which the restorations are lowered to compensate for thin gingival types.

The secondary caps are availble in both rotation and anti-rotation versions.



K3Pro® XP MU Multiunit – Nobel® compatable

The K3Pro® XP Multiunit abutments are specially designed for conditionally removable or screw-retained dentures with a subcrestal insertion of 2 millimeters. These abutments offer secure, rotation-secured direct screw retention of single crowns at abutment level as well as reliable fixation for implant-supported bar restorations. Particularly noteworthy is that the K3Pro® XP Multiunit abutments are compatible with the Nobel® connection. Their precise 1.5° conical connection ensures a bacteria-proof connection that supports the long-term preservation of bone and soft tissue. This enables dentists who already work with these instruments to integrate them seamlessly into their practice procedures. The abutments are suitable for both analog and CAD-based workflows, thanks to the integrated data set in the K3Pro® library. The result is an efficient restoration. The abutment base of the MultiBase abutments cannot be re-prepared, which ensures high precision and reliability. Adjustments are made using special abutment caps to meet the esthetic and functional requirements of patients. The tightening torque varies depending on the platform size: 20 Ncm for 2 mm platforms, 30 Ncm for 3 mm platforms and 20 Ncm for short platforms.

	1.0 mm	2.0 mm	3.0 mm	4.0 mm	5.0 mm
2 mm 0°	 MU.XP 400010/2	 MU.XP 400020/2	 MU.XP 400030/2	 MU.XP 400040/2	 MU.XP 400050/2
3 mm 0°	 MU.XP 400010/3	 MU.XP 400020/3	 MU.XP 400030/3	 MU.XP 400040/3	 MU.XP 400050/3
3 mm Short 0°	 MU.XP 400010/3S	 MU.XP 400020/3S	 MU.XP 400030/3S	 MU.XP 400040/3S	 MU.XP 400050/3S
2 mm 20°		 MU.XP 402020/2	 MU.XP 402030/2	 MU.XP 402040/2	 MU.XP 402050/2
3 mm Short 20°	 MU.XP 402010/3	 MU.XP 402020/3	 MU.XP 402030/3	 MU.XP 402040/3	 MU.XP 402050/3

	1.0 mm	2.0 mm	3.0 mm	4.0 mm	5.0 mm
2 mm 30°		 MU.XP 403020/2	 MU.XP 403030/2	 MU.XP 403040/2	 MU.XP 403050/2
3 mm Short 30°	 MU.XP 403010/3	 MU.XP 403020/3	 MU.XP 403030/3	 MU.XP 403040/3	 MU.XP 403050/3
2 mm 40°		 MU.XP 404020/2	 MU.XP 404030/2	 MU.XP 404040/2	 MU.XP 404050/2
3 mm Short 40°	 MU.XP 404010/3	 MU.XP 404020/3	 MU.XP 404030/3	 MU.XP 404040/3	 MU.XP 404050/3

MU.XP_KT/SET
K3Pro® XP MultiUnit Cap Titanium incl. secondary screw

TEMPORARY CAPS WITH INTEGRATED UG SCREW

MU.XP_VK
K3Pro XP MultiUnit Closure Cap, Screw Connection: Torx (UG); Screw Type: integrated

MU.XP_GV5.5
K3Pro XP MultiUnit Gingiva former Cap Ø 5.5mm, Screw Connection: Torx (UG); Screw Type: integrated

MU.XP_GV6.5
K3Pro XP MultiUnit Gingiva former Cap Ø 6.5mm, Screw Connection: Torx (UG); Screw Type: integrated

MU.XP_GV7.5
K3Pro XP MultiUnit Gingiva former Cap Ø 7.5mm, Screw Connection: Torx (UG); Screw Type: integrated

PERMANENT CAPS WITH SEPARATE UG SCREW

MU.XP_KT/SET
K3Pro XP MultiUnit Cap Titanium incl. secondary screw

MU.XP_KP/SET
K3Pro XP MultiUnit Cap POM incl. secondary screw

MU.XP_KPK/SET
K3Pro XP MultiUnit Cap Peek incl. secondary screw

MU.XP_KK/SET
K3Pro XP MultiUnit Glue Cap incl. secondary screw

SCAN LABORTORY

MU.XP_SKT.S
K3Pro XP MultiUnit Scan Cap Titanium Screw Connection: Torx (T5), Screw Type: integrated (Short Version)

MU.XP_SKT.L
K3Pro XP MultiUnit Scan Cap Titanium, long Torx (T5), integrated screw (Long Version)

LABORTORY COMPONENTS

MU.XP_OT/SET
K3Pro XP MultiUnit OT Transfer Cap incl. Fixation Screw

MU.XP_GTK/SET
K3Pro XP MultiUnit GT Transfer Cap incl. Fixation Screw and Cap

MU.XP_LA
K3Pro XP MultiUnit Lab Analog

PLEASE NOTE: All screws are equipped with the UG (universal grip) connection.

INSTRUMENTS

MU.XP_EIR
K3Pro XP MultiUnit Insertion Tool
Ratchet connection

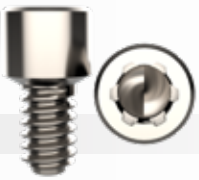
MU.XP_EIW
K3Pro XP MultiUnit Insertion Tool
Contra Angle connection

MU.XP_WS.UGD_L
K3Pro XP MultiUnit Instrument
Universal Grip
long, Nobel compatible

MU.XP_WS.UGD_K
K3Pro XP MultiUnit Instrument
Universal Grip
short, Nobel compatible

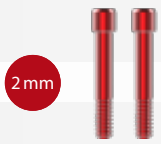
MU DIRECT SCREW RETAINED

MU.XP_HSDV/SET
K3Pro XP MultiUnit Fixation screw for
zirconium, Universal Grip connection
(2 pcs.)



MU.XP_HSK/SET
K3Pro XP MultiUnit Fixation screw..
Universal Grip connection (2 pcs.)

ABUTMENT SCREWS (FOR ANGLED MU.XP ABUTMENTS)



ETS.K3Pro/2.Set

ETS.K3Pro/3.Set

AS.K3Pro_S1.6.Set

PLEASE NOTE: The abutments are supplied without prosthetic screws. These must be ordered separately.

THE **ARGON** COURSES

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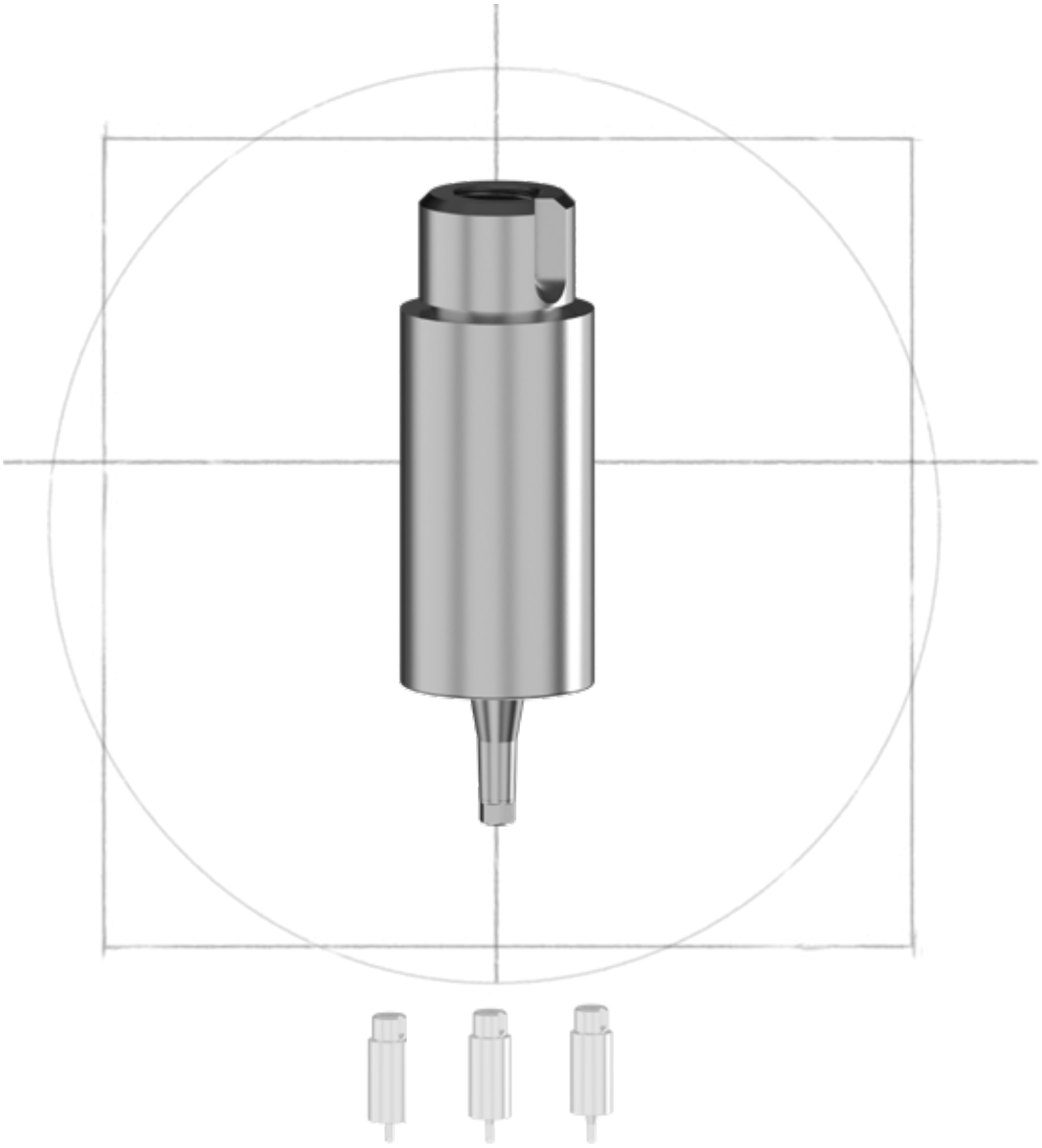
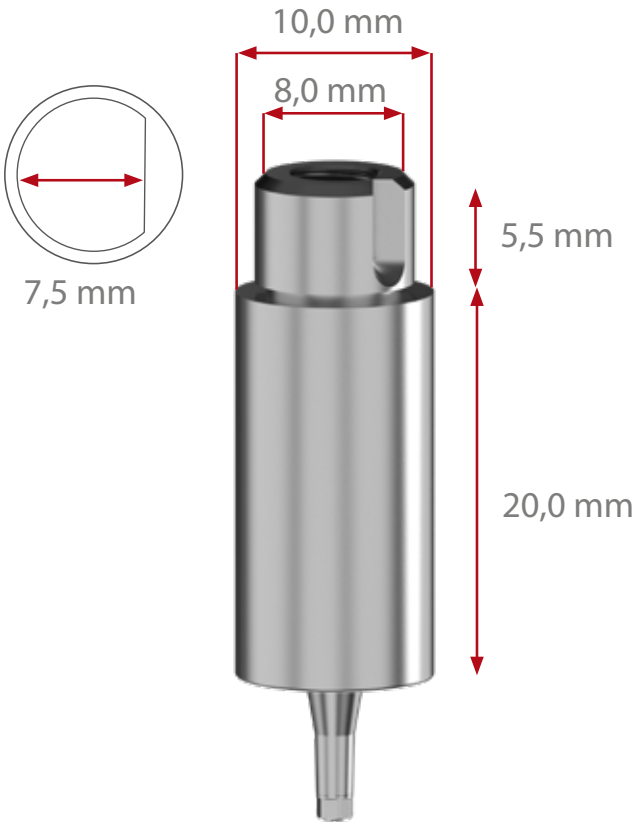


K3Pro® XP Premill abutments

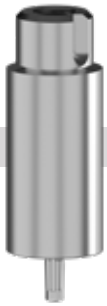
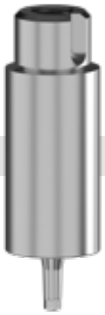
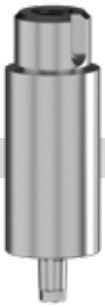
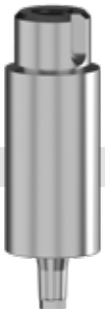
The Premill XP abutments serve as the foundation for digitally milling titanium abutments for the K3Pro® implant. They are available for both inner diameters with 2 gingival heights and 2 different insertion depths - 1 or 2 millimeters subcrestally designed to match the bone profile created by the the BPS. XP screw. Each abutment features a conical implant-abutment connection. The XP Premill abutments are supplied with anUNI connection and, when used with the compatible appropriate milling holder and frame insert, are suitable for use in semi-industrial milling machines from various manufacturers. Please contact us for more information.

DIMENSIONS OF THE **K3PRO® XP PREMILLS**

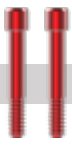


The Premill Abutments are compatable to DESS® holders and are made for various machine manufacturers.

CAD Libraries
can be found online in our media library:
www.argon-dental.de/mediathek

	1.5 mm	2.5 mm	3.5 mm
2 mm	 PM.XP 100015/2	 PM.XP 100025/2	 PM.XP 100035/2
3 mm Short	 PM.XP 100015/3	 PM.XP 100025/3	 PM.XP 100035/3

2 mm



ETS.K3Pro/2.Set

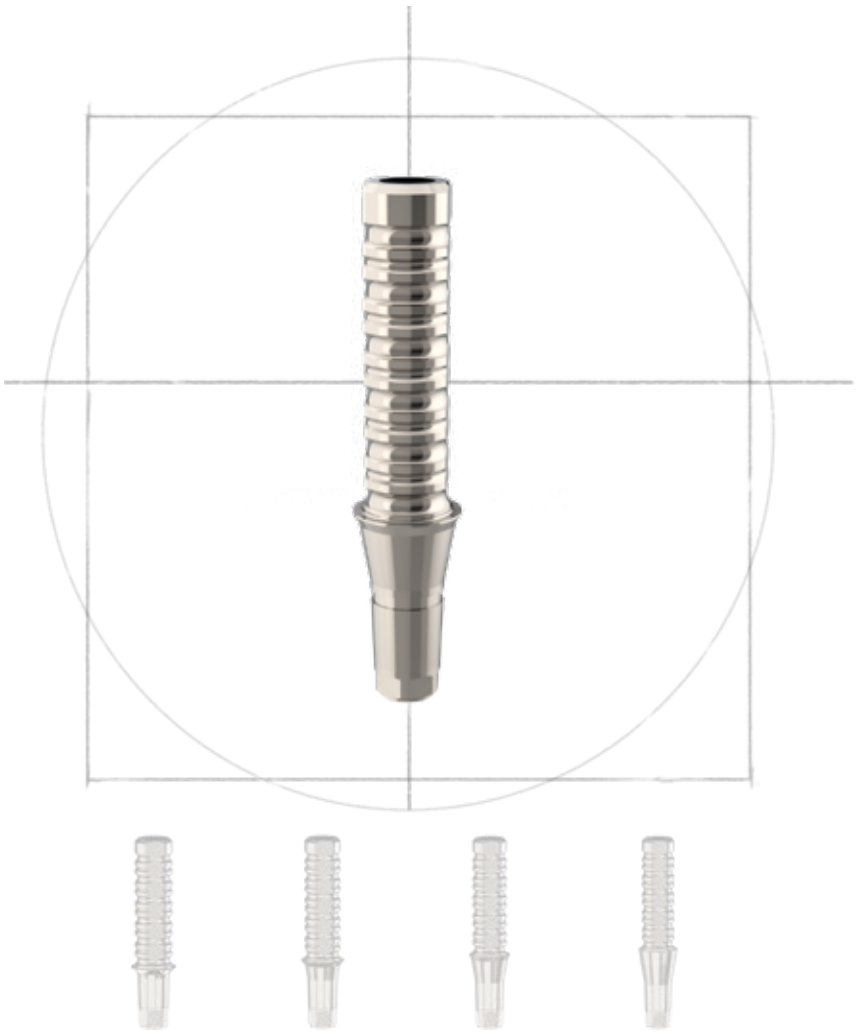
3 mm

ETS.K3Pro/3.Set

Short

AS.K3Pro_S1/6.Set

PLEASE NOTE: The abutments are supplied without prosthetic screws. These must be ordered separately.



K3Pro® XP TPA provisional Abutments

The new K3Pro® XP TPA abutments are specially designed to customize temporary restorations directly in the mouth. These abutments can be shortened individually so that they can be adapted to the specific needs of each patient. Available in titanium, they offer a wide range of applications. During the wearing phase of the temporary abutment, no conical frictional connection is made to the abutment in order to protect the healing implant. This means that the temporary denture can be manipulated more easily, which is a significant advantage. The abutment sits in the hexagon and is fixed in place with a retaining screw. Classic prosthetics are based on seating on the implant shoulder and dispense with conical clamping, which is made possible by the use of platform-specific abutment retaining screws. These abutments are not only suitable for temporary dentures, but also for the fabrication of individual gingiva formers, which optimally support the healing and adaptation of the gums.

1.5 mm | 2.5 mm | 3.5 mm | 4.5 mm

2 mm


TPA.XP 400015/2


TPA.XP 400025/2


TPA.XP 400035/2

3 mm Short


TPA.XP 400015/3


TPA.XP 400025/3


TPA.XP 400035/3


TPA.XP 400045/3

2 mm


ETS.K3Pro/2.Set

3 mm


ETS.K3Pro/3.Set

Short


AS.K3Pro_S1.6.Set

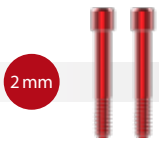
1.5 mm | 2.5 mm | 3.5 mm | 4.5 mm

2 mm

TPA.XP 400015/2.P | TPA.XP 400025/2.P | TPA.XP 400035/2.P

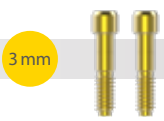
3 mm | Short

TPA.XP 400015/3.P | TPA.XP 400025/3.P | TPA.XP 400035/3.P | TPA.XP 400045/3



2 mm

ETS.K3Pro/2.Set

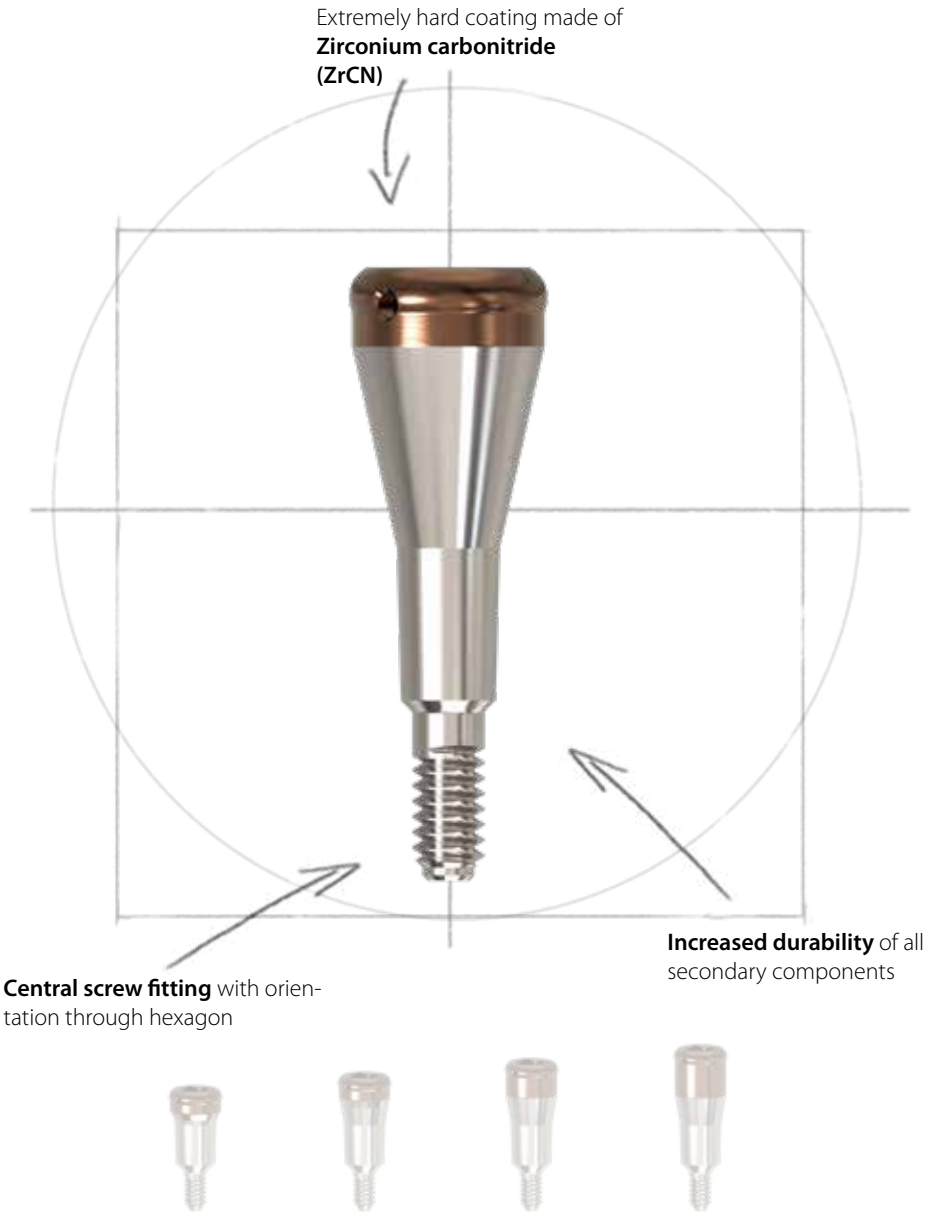


3 mm

ETS.K3Pro/3.Set

Short

AS.K3Pro_S1.6.Set



K3Pro® XP DLA provisional Abutments

The K3Pro® Finder Pro abutments are the innovative solution for removable implant dentures. Features include:

Biocompatible PVD hard coating
The multilayer coating is made of extremely hard zirconium carbonitride (ZrCN). It has high abrasion and wear resistance. Zirconium surfaces have twice the plaque resistance of titanium, which largely prevents inflammatory reactions on the soft tissue.

Retention inserts made of high-performance plastic
The retention inserts are very tough and have a high dynamic load capacity (number of load cycles). Also, they have a high chemical and lipid resistance (grease) with a low tendency to water absorption. The DOCKLOCS® ATTACHMENT SYSTEMS and retention inserts are made of high-performance plastic. The retention inserts are very hard and tough based on their dynamic load capacity (number of load cycles). They also have high chemical and lipid resistance (grease) with a low tendency to absorb water.

Abutments with 18° angulation
With these abutments, divergences between implants can be corrected up to 65°, allowing the practitioner to cover a wide range of clinical situations.

1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm	6.5 mm	
						2 mm
DLA15000+NH/2	DLA25000+NH/2	DLA35000+NH/2	DLA45000+NH/2	DLA55000+NH/2	DLA65000+NH/2	
						3 mm
DLA15000+NH/3	DLA25000+NH/3	DLA35000+NH/3	DLA45000+NH/3	DLA55000+NH/3	DLA65000+NH/3	
						Short
DLA15000+NH/3S	DLA25000+NH/3	DLA35000+NH/3s	DLA45000+NH/3S	DLA55000+NH/3	DLA65000+NH/3S	
						2 mm
DLA 401820.H/2PRO	DLA 401830.H/2PRO	DLA 401840.H/2PRO	DLA 401850.H/2PRO	DLA 401860.H/2PRO		
						3 mm Short
DLA 401820.H/3PRO	DLA 401830.H/3PRO	DLA 401840.H/3PRO	DLA 401850.H/3PRO	DLA 401860.H/3PRO		

COVER - AND GINGIVAL CAPS

DLCI
Finder Pro universal instrument four parts

DLCI_P
Finder Pro Universal Instrument Practice

DLLS_02
Finder Pro laboratory set up to 40° divergence compensation

DLR_05/SET
Finder Pro retention insert red, extra light retention, 10°-20°, 2 pcs.

DLR_06/SET
Finder Pro retention insert orange, light retention, 10°-20°, 2 pcs.

SECONDARY CAPS

DLR_07/SET
Finder Pro retention insert green, strong retention, 10°-20°, 2 pcs.

DLR_08/SET
Finder Pro processing insert black, (not suitable for long-term use), 2 pcs.

DLR_09/SET
Finder Pro block out ring, 2 pieces

DLR_12/SET
Finder Pro spacer sleeve, 2 pieces

DLR_13
Finder Pro angle measuring aid, stainless steel

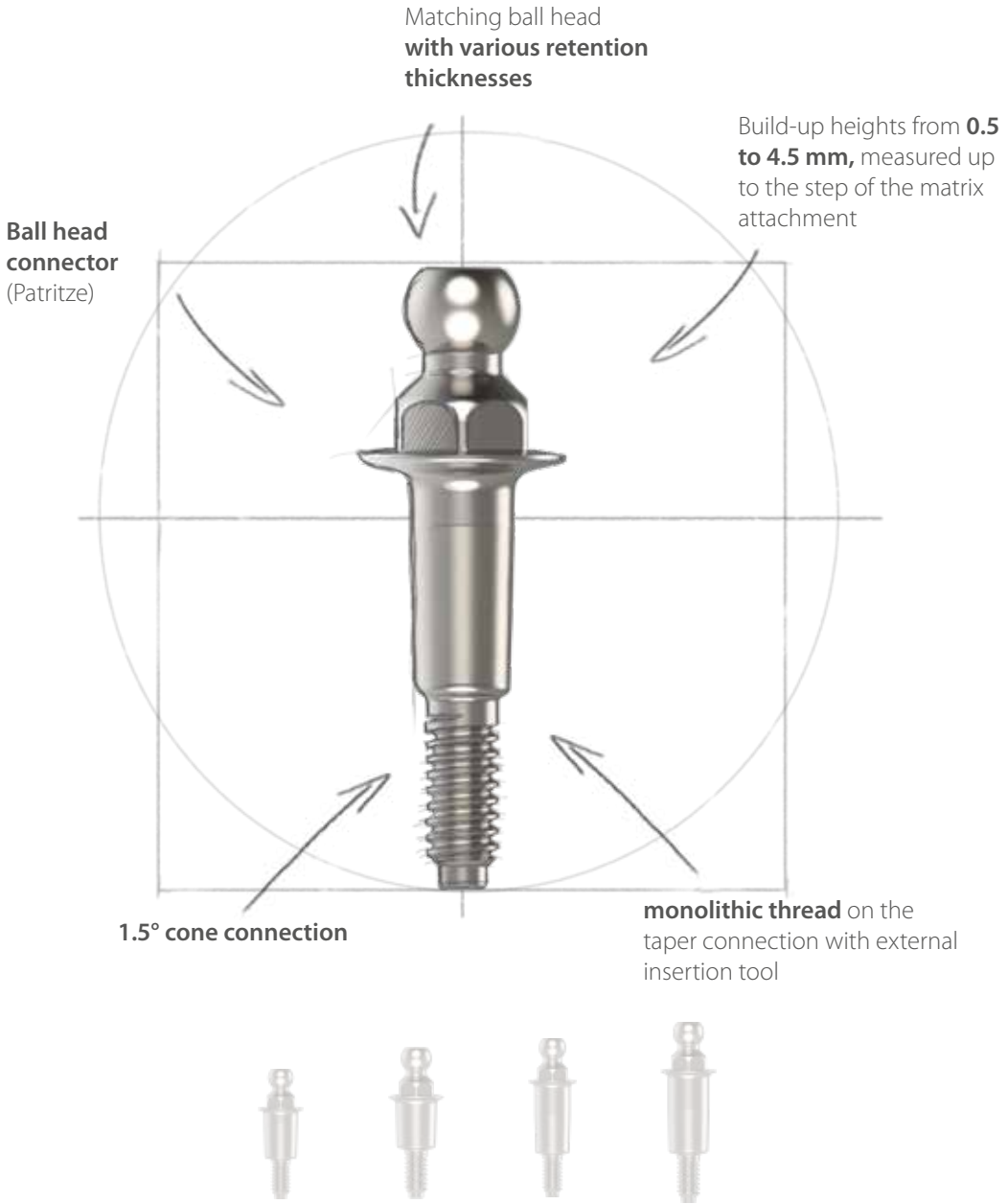
SCAN- AND TRANSFERCAPS / LABATORY ANALOGS

DLR_14
Finder Pro Lab Analog 0°

DLR_15
Finder Pro impression post, with black processing insert

DLR_16
Finder Pro parallelization post

DLR_26
Finder Pro Lab Analog 18°



KKA Ball Head Abutments

The **K3Pro® O-ring/ball** head abutments are the proven solution for overdenture restorations. The wearing comfort of dentures on ball attachments relies on gingival support, whose health is sustainably ensured by the tightness of our implant-abutment connection. The retention strength is precisely controlled by the hardness of the ring inserts. O-ring implant-supported removable overdentures are particularly easy to handle and are therefore especially well suited for use in geriatric dentistry.

1.5 mm	2.5 mm	3.5 mm	4.5 mm

2 mm

KKA 0500+NH/2PRO

KKA 1500+NH/2PRO

KKA 3000+NH/2PRO

KKA 4500+NH/2PRO

3 mm

KKA 0500+NH/3PRO

KKA 1500+NH/3PRO

KKA 3000+NH/3PRO

KKA 4500+NH/3PRO

Short

KKA 0500+NH/3PRO_S

KKA 1500+NH/3PRO_S

KKA 3000+NH/3PRO_S

KKA 4500+NH/3PRO_S

ACCESSORIES

KKAA.01
Ball Head Structure Analog

KK_GK.H
Spherical head die (closed, hard)

KK_GK.S
Spherical head die (closed, soft)

KK_OK.H
Spherical head die (open, hard)

KK_OK.S
Spherical head die (open, soft)

KK_OR.EH/SET
Ball head ring (black - extra hard 1800g), 2 pieces

KK_OR.H/SET K3Pro
Ball head ring (green - hard 1200g), 2 pieces

KK_OR.L/SET
Ball head ring (light green - lab 500g), 2 pieces

KK_OR.W/SET
Ball head ring (red - soft 900g), 2 pieces

KKEI_01
Ball head insertion tool with ISO connection

KKEI_02
Ball head insertion tool with ratchet connection

Click Analog System

The K3Pro® click analog – dental technology revolution for implant prosthetics

Dentists and dental technicians are aligned on what matters most in implant-based restorations: precision fit on the very first try. Argon K3Pros tapered abutment connection is known for delivering superior aesthetics and long-term bone and soft tissue stability. This provides a level of accuracy built into the system, thanks to a reliable force-fit and form-fit between the abutment and the laboratory analog. And when it comes to repositioning, technicians get the kind of quick, intuitive handling they've always wanted. It's as simple and familiar as working with a dowel pin

Argon fulfills this wish in a special way: with a two-part system consisting of the actual analog and the matching sleeve. With a high-precision bayonet lock, the analog clicks into the sleeve with a clearly audible and noticeable click. The abutment is connected to the click analog with the insertion force corresponding to the mouth, and it can be snapped into and clicked out of the model as often as desired without having to use the abutment removal instrument (which is used to revise the conical force fit).

With the advanced differentiation between two sleeves, we offer you the perfect solution, regardless of whether you are working in the digital or manual world of dental technology. The manual sleeve for plaster models impresses with its longer geometry, which provides additional safety during grinding and protects the screw for the bayonet catch in the laboratory analog. On the digital side, the sleeve scores points with a smart nose design that ensures optimum protection against rotation in the 3D-printed model.

The result: a revolutionary ease of operation for the laboratory in a system with a solid conical internal connection, without making any concession to precision!

Your advantages at a glance:

- *Simple handling as when using a saw model and butt-joint-connection*
- *Efficient stock-keeping thanks to a uniform click sleeve variant for all three K3Pro® platforms*
- *Maximum precision thanks to unidirectional, rotation-locked insertion direction of the analog at the marked position*
- *Can be used for both: classic plaster models and printed models (insertion instrument required)*
- *If desired, also firmly lockable thanks to integrated screw*
- *Color coding for easy selection of the right platform*

LABORATORY ANALOG

Item number	Description	Figure	Platform
LAK3Pro/2	Laboratory Analog K3Pro® 2 mm shaft		2 mm
LAK3Pro/3	Laboratory Analog K3Pro® 3 mm shaft		3 mm
LAK3Pro/3_S	Laboratory Analog K3Pro® 3 mm shaft		Short

LAB CLICK ANALOG

Item number	Description	Figure	Platform
LAK3Pro.KH	Lab Click Sleeve for Analog K3Pro® 2 mm Shaft		2 mm 3 mm Short
LAK3PRO.KHD	Lab Click Sleeve for Analog K3Pro® - digital		2 mm 3 mm Short
LAK3Pro.KA/2	Lab Click Analog K3Pro® 2 mm shaft		2 mm
LAK3Pro.KA/3	Lab Click Analog K3Pro® 3 mm shaft		3 mm
LAK3Pro.KA/3_S	Lab Click Analog K3Pro® 3 mm shaft		Short
LAK3PRO.EH	K3Pro® Click Analog Insertion Instrument with Silicone Handle		2 mm 3 mm Short

K3pro® Surgical & Prosthetic Trays

Tray-Overview
INSTRUMENT TRAYS

Conventional Surgery

SK10_K3PRO
K3Pro® Basic Core Kit

SK10_K3PRO_S
K3Pro® Basic Core Kit
including short implant drills

Fully Guided Surgery

WT_RS_K3PRO

Rapid Surgery Tools
Ø 3.0 / Ø 3.5 mm
WTI01_K3PRO/SET

Rapid Surgery Tools
Ø 4.0 / Ø 4.5 mm
WTI02_K3PRO/SET

Rapid Surgery Tools
Ø 5.0 / Ø 5.5/ Ø 6.0 mm
WTI03_K3PRO/SET

Rapid Surgery Tools
Accessories
WTI04_K3PRO/SET

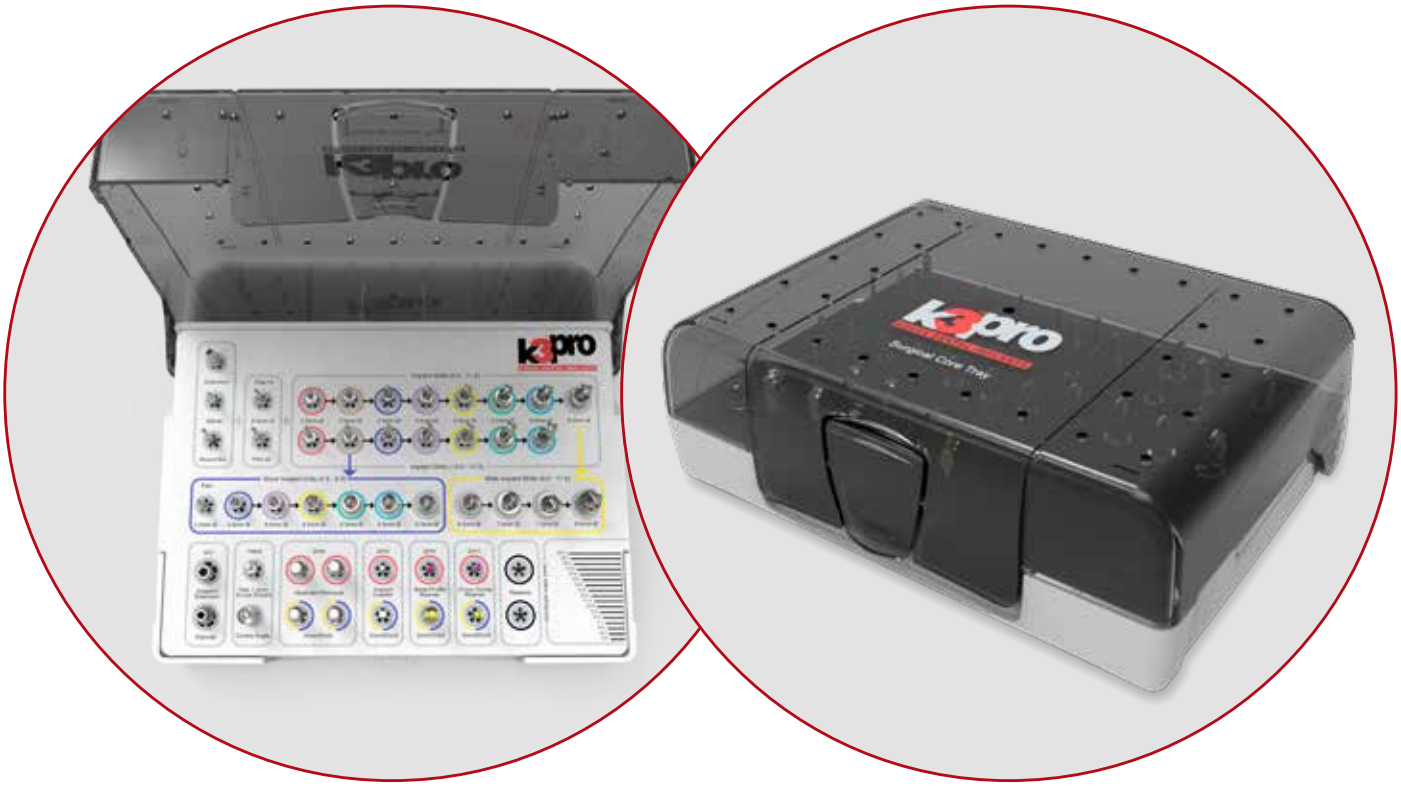
Prosthetics Trays

PK02_K3PRO
K3Pro® Prosthetic Tray

K3Pro® by Argon presents you the brand new

"CORE" OP-TRAY

A well-rounded kit for successful implant surgery



What are the main advantages?

- A modular system with everything in one place!
- Includes the new K3Pro® final drills for the Rapid, Compress and Sure implant designs
- The new K3Pro® final drills include spiral step drilling, which make the taps and sinkers obsolete, thus saving clinicians an extra step
- The final drills are available in two different overall lengths which helps with limited intraoral space

k3pro® Core Tray SK10

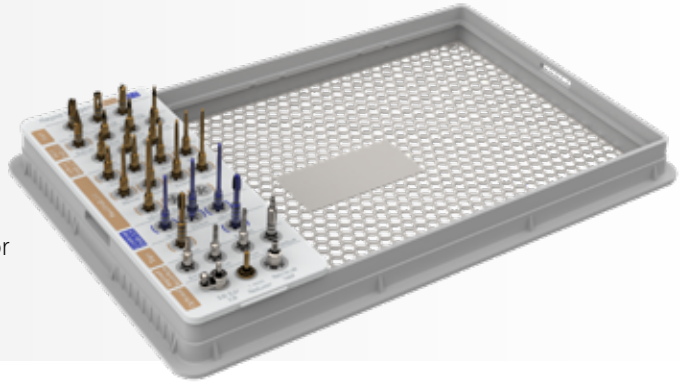
MANUAL SURGICAL TRAY

Guided Surgery

TRAYS FOR FULLY GUIDED IMPLANT SURGERY

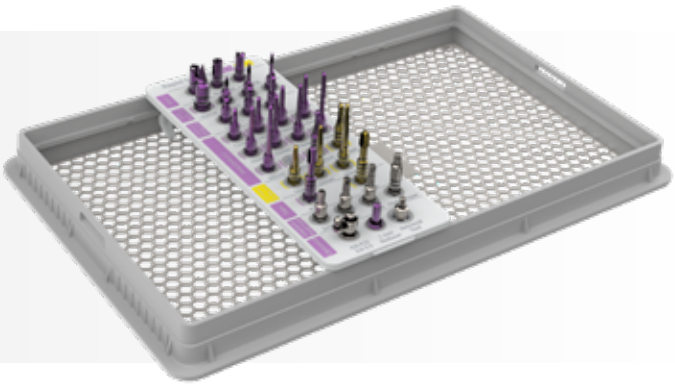
Module 1 Rapid Surgery Tools
Ø 3.0 / Ø 3.5 mm

The instrument set for fully guided implant surgery with K3Pro® Rapid for diameters 3.0 and 3.5. For minimally invasive and periosteum-sparing implantology by means of a surgical guide, which is used with the corresponding 3.0-3.5 mm K3Pro® drill sleeves. The kit includes: gingival punch, trephine, pilot drills and implant inserter with precise depth stop for mechanical and ratchet insertion.



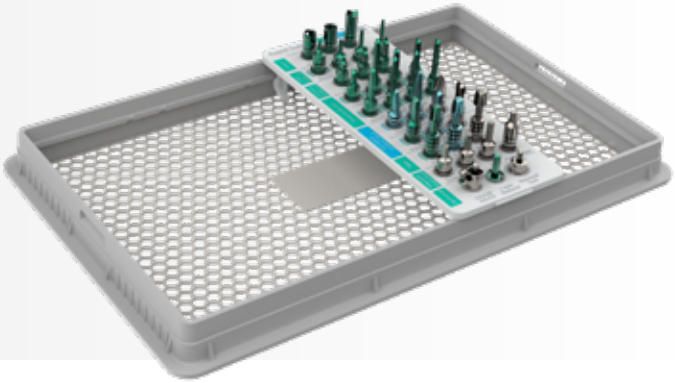
Module 2 Rapid Surgery Tools
Ø 4.0 / Ø 4.5 mm

The instrument set for fully guided implant surgery with K3Pro® Rapid and Short for diameters 4.0 and 4.5 mm. For minimally invasive and periosteum-sparing implantology by means of a drill template equipped with the corresponding 4.0-4.5 mm K3Pro® drill sleeves. The kit is equipped with gingival punch, trephine and implant inserter with precise depth stop for mechanical and ratchet insertion.



Module 3 Rapid Surgery Tools
Ø 5.0 / Ø 5.5/ Ø 6.0 mm

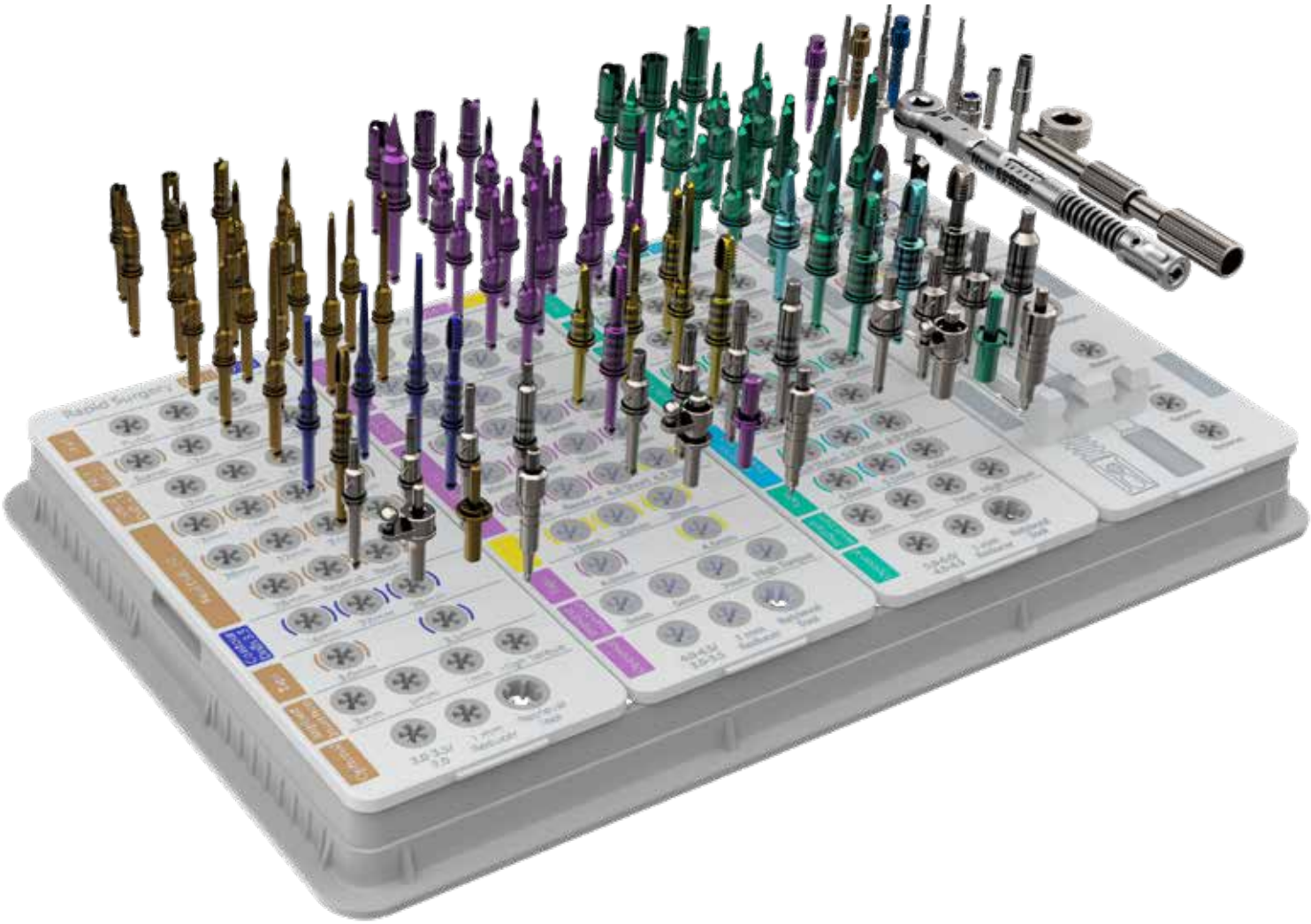
The instrument set for fully guided implant surgery with K3Pro® Rapid and Short for diameters 5.0 and 6.0 mm. For minimally invasive and periosteum-preserving implantology using a drill guide which is equipped with the corresponding 5.0-6.0 mm K3Pro® drill sleeves. Kit includes gingival punch, trephine and implant inserter with precise depth stop for mechanical and ratchet insertion.



Module 4 Rapid Surgery Tools
Accessories

The instrument set for fully guided implant surgery with K3Pro® Rapid and Short for diameters 5.0 and 6.0 mm. For minimally invasive and periosteum-preserving implantology using a drill guide which is equipped with the corresponding 5.0-6.0 mm K3Pro® drill sleeves. Kit includes gingival punch, trephine and implant inserter with precise depth stop for mechanical and ratchet insertion.

THE GUIDED SURGERY WASHTRAY



A Time-Saving Revolution in Instrument Reprocessing

The Rapid Surgery Washtray is designed to streamline and simplify the cleaning, disinfection, and sterilization of surgical instruments, saving valuable time and effort. Unlike traditional surgical cassettes—where instruments must be manually removed, meticulously cleaned, and then returned to the tray, a process that can take up to 30 minutes per tray—the Rapid Surgery Washtray allows instruments to remain securely in place throughout the entire reprocessing cycle.

From the treatment unit to machine cleaning, disinfection, and steam sterilization, the Rapid Surgery Washtray ensures seamless workflow. Its proven design, inspired by the well-known Argon Surgical Kits, offers intuitive handling and familiar orientation during procedures. Instruments are firmly fixed and clearly arranged, with robust holders that prevent shifting, even if the tray is rotated 180 degrees. Reprocessing is straightforward: after use, the loaded tray undergoes a five-minute pre-cleaning in an ultrasonic bath, followed by placement in a thermal disinfector. From there, it's ready for autoclaving in a sterilization bag or container. Only coarse debris needs to be removed manually, significantly reducing the risk of injury to dental staff and hygiene personnel.

Constructed from high-quality stainless steel with a durable plastic insert certified for up to 300 cycles, the Rapid Surgery Washtray is built to last. Additionally, it is compatible with all common dental sterilization containers, making it a versatile and practical solution for modern dental practices.
Simplify your reprocessing routine and enhance efficiency with the Rapid Surgery Washtray – a smarter way to manage your instruments

Rapid Surgery Tools
Ø 3.0 / Ø 3.5 mm

Argon Rapid Surgery **Twin Cut Technology**

Argon's Twin Cut Technology introduces double-edged drills that deliver superior efficiency, safety, and precision compared to single-edged models. Here are eight compelling advantages that set **Argon Twin Cut Technology** apart:

1. Faster Material Removal: With two cutting edges, these drills enable quicker and more consistent material removal, significantly reducing processing time.
2. Enhanced Precision: Dual cutting edges ensure cleaner, more accurate cuts, leading to improved fit and superior primary stability.
3. Reduced Heat Generation: By minimizing friction, the design generates less heat, protecting tissues from thermal damage during procedures.
4. Lower Vibrations: The innovative construction reduces vibrations, offering greater comfort for both patients and practitioners.
5. Extended Service Life: Built for durability, these drills experience more even wear, resulting in a longer lifespan and cost savings.
6. Improved Visibility: Consistent material removal enhances the view of the treatment area, increasing precision and safety.
7. Greater Patient Safety: Lower heat and vibration levels reduce the risk of discomfort, tissue damage, and procedural complications.
8. Simplified Handling: The balanced, ergonomic design offers superior control, particularly during complex treatments.

The Argon Rapid Surgery Twin Cut Technology combines innovation and practicality to elevate surgical performance, ensuring better outcomes for both patients and dental professionals.

Four individually removable and mountable modules for maximum flexibility:

Rapid Surgery Tools
Ø 4.0 / Ø 4.5 mm

Rapid Surgery Tools
Ø 5.0 / Ø 5.5/ Ø 6.0 mm

Rapid Surgery Tools
Accessories

Surgical protocol: guided precision

Please find below our complete **drilling protocol** using our 4.0 x 11.0 Rapid Implant as an example:

The purpose of this surgical protocol is to provide support and guidance regarding the order of the instruments to be used and how to use them. It is understood that the necessary professional experience in matters of judgment will always take precedence. This protocol does not create any enforceable warranties, rights, recoveries/periods or claims or obligations.

Stage 1 — 50-100 rpm

GS_RS4.0-4.5
Rapid Surgery Punch
4,0 & 4,5mm

Stage 2 — 50-100 rpm

TF_RS4.0-4.5
Rapid Surgery Trephine
4,0 & 4,5mm

Optional — 50-100 rpm

RS_PF_4.0-4.5
Rapid Surgery Levelling
4,0 & 4,5mm

Stage 3 — 50-100 rpm

RS_K_4.0-4.5
Rapid Surgery Starter
4,0 & 4,5mm

Stage 4 — 200 rpm

RS_PB4.0-4.5/12
Rapid Surgery Pilot Drill
2,0 x 12,0mm für 4,0 & 4,5mm

200 rpm

RS_PB4.0-4.5/14
Rapid Surgery Pilot Drill
2,0 x 14,0mm für 4,0 & 4,5mm

200 rpm

RS_PB4.0-4.5/16
Rapid Surgery Pilot Drill
2,0 x 16,0mm für 4,0 & 4,5mm

pure flexibility
maximum security

K3pro KONUS DENTAL IMPLANTS

RS_KB4.0-4.5/12
Rapid Surgery Cortical Drill
3,5 x 12mm for 4,0 & 4,5mm

RS_KB4.0-4.5/14
Rapid Surgery Cortical Drill
3,5 x 14mm for 4,0 & 4,5mm

RS_KB4.0-4.5/16
Rapid Surgery Cortical Drill
3,5 x 16mm for 4,0 & 4,5mm

RS_B4.0/12.0
Implant Drill
4,0 x 12,0mm

RS_B4.0/14.0
Implant Drill
4,0 x 14,0mm

RS_B4.0/16.0
Implant Drill
4,0 x 16,0mm

RS_B4.0/18.0
Implant Drill
4,0 x 18,0mm

RS_B4.0/20.0
Implant Drill
4,0 x 20,0mm

RS_G4.0
Rapid Surgery Tap
4,0mm

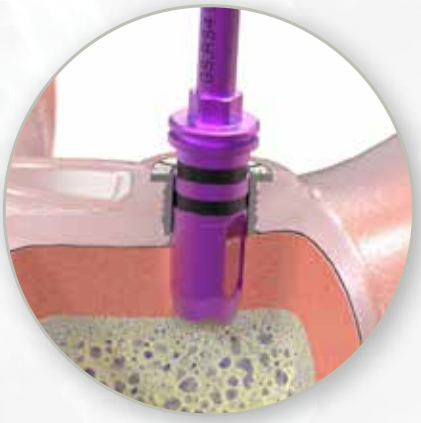
RAPID
Surgery

RSIE_WS4.0-4.5/5
Rapid Surgery Contra Angle Implant Inserter 4,0 & 4,5mm GHH 5mm

RAPID SURGERY GUIDED DRILL SYSTEM

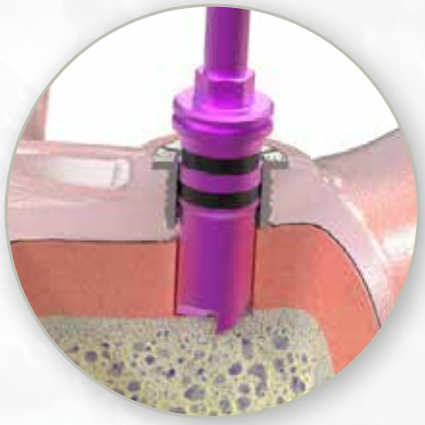
Implant Placement with the highest precision.
Chronological steps for the controlled, precise and simple guided drilling, without cumbersome adaptors or spoons.

SEQUENCE EXAMPLE:



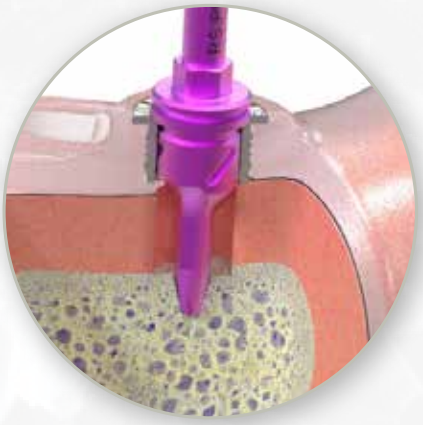
1) Gingival Punch

2) Trepan Punch

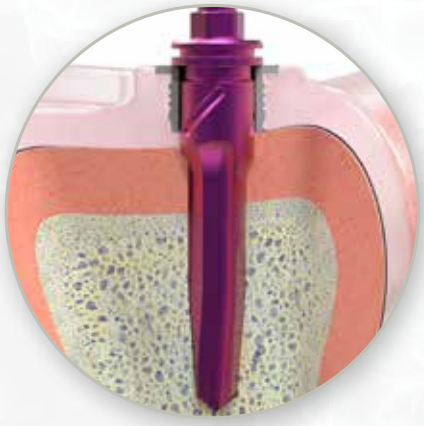


3) Leveling Drill

4) Starter Drill



5) Pilot Drill



6) Cortical-/Implant-Drill

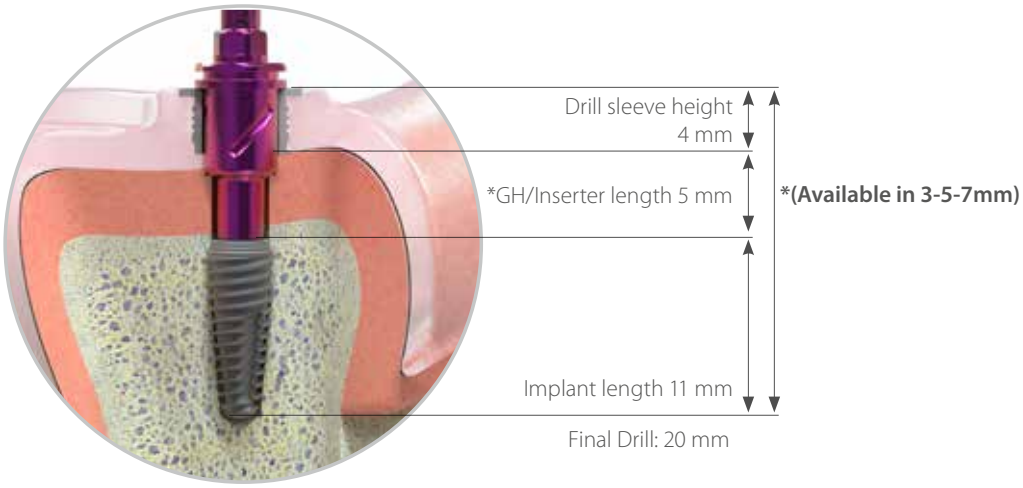
7) The Osteotomie

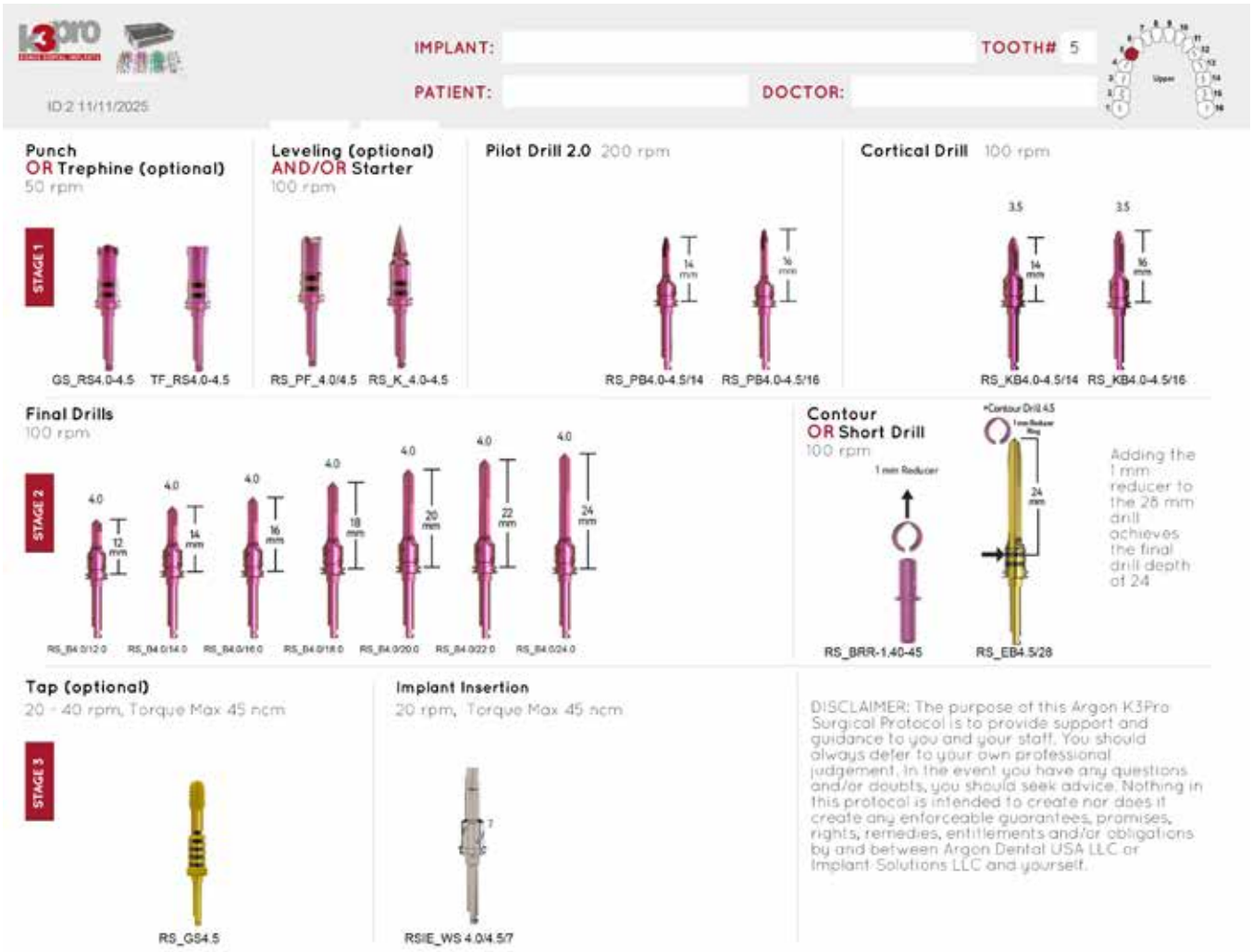
8) Implant Inserter

9) Apical Drill View

DRILL TEMPLATE

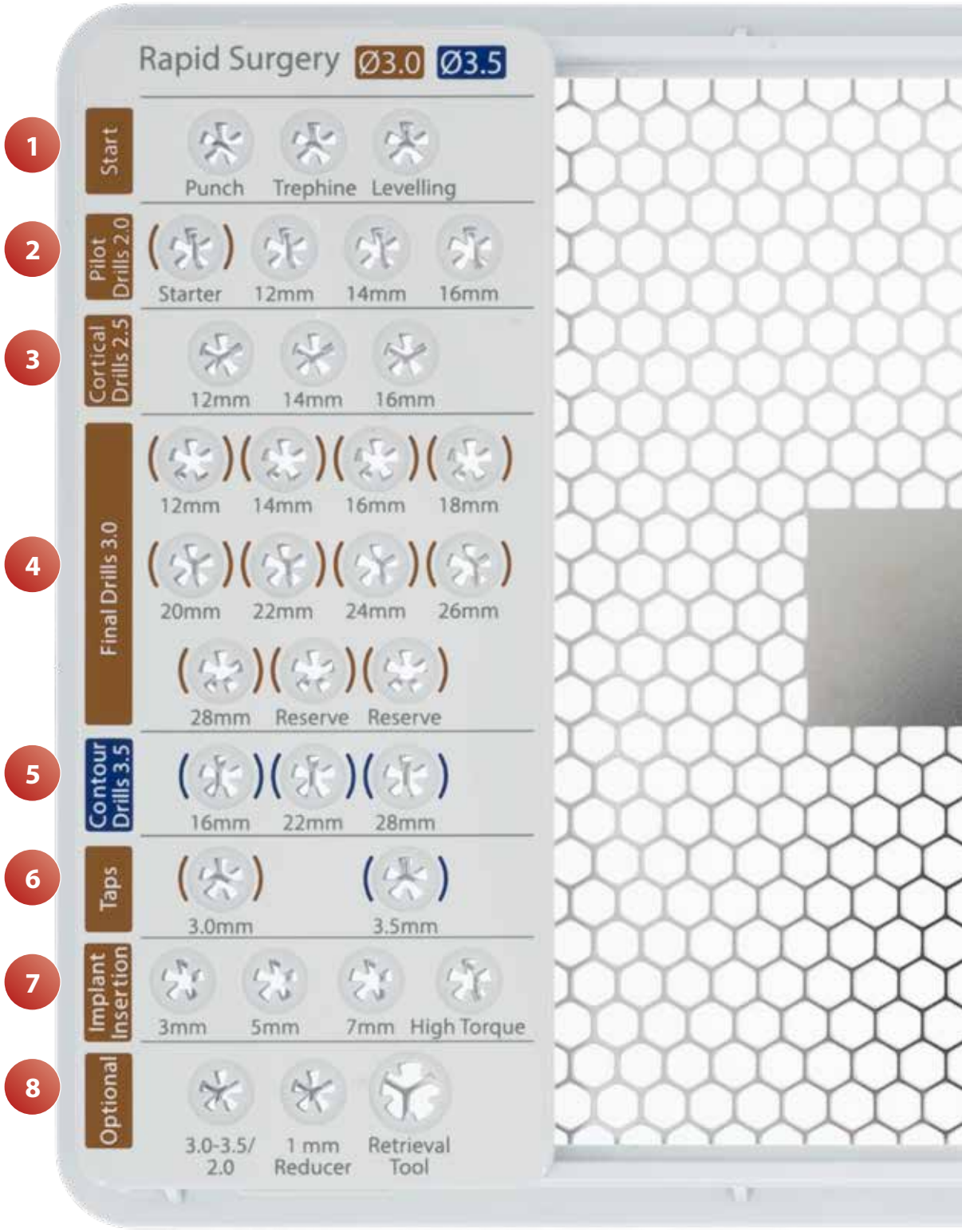
The drilling system is based on a CBCT X-ray image previously taken of the patient's jaw. The resulting DICOM data set is processed using manufactured-specific software in conjunction with the K3Pro® data sets to create an exact drilling template for placing the implants. The protoco l supplied for this purpose is equipped with technical data, application notes and implant type designations - creating an exact blueprint for the treating doctor and user. Integrating digitized CBCT data with advanced planning software and K3Pro® compatible datasets, the placement of K3Pro® implants becomes a highly precise and predictable procedure. This enables immediate implant loading and seamless restoration using pre-fabricated abutments and prostheses.





Module 1: Rapid Surgery Tools Ø 3.0 / Ø 3.5 mm

Please find below a complete overview of the contents for your **Argon Rapid Surgery 2.0 Tray** in diameters of Ø 3.0 and Ø 3.5 mm, as well as the article numbers relevant for your order.



1 Start

Punch GS_RS3.0-3.5
Rapid Surgery Gingiva Punch 3.0 & 3.5mm

Trephine TF_RS3.0-3.5
Rapid Surgery Trephine Bur 3.0 & 3.5mm

Leveling RS_PF_3.0-3.5
Rapid Surgery leveling Bur 3.0 & 3.5mm

2 Pilot Drills 2.0

Starter RS_K_3.0-3.5
Rapid Surgery Starter Bur 3.0 & 3.5mm

Pilot Drill RS_PB3.0-3.5/12
Rapid Surgery Pilot Drill 2.0 x 12.0mm
for 3,0 & 3,5mm

Pilot Drill RS_PB3.0-3.5/14
Rapid Surgery Pilot Drill 2.0 x 14.0mm
for 3,0 & 3,5mm

Pilot Drill RS_PB3.0-3.5/16
Rapid Surgery Pilot Drill 2.0 x 16.0mm
for 3,0 & 3,5mm

3 Cortical Drills 2.5

Cortical Drill RS_KB3.0-3.5/12
Rapid Surgery Cortical Drill 2.5 x 12mm
for 3.0 & 3.5mm

Cortical Drill RS_KB3.0-3.5/14
Rapid Surgery Cortical Drill 2.5 x 14mm
for 3.0 & 3.5mm

Cortical Drill RS_KB3.0-3.5/16
Rapid Surgery Cortical Drill 2.5 x 16mm
for 3.0 & 3.5mm

4 Final Drills 3.0

Final Drill RS_B3.0/12.0
Rapid Surgery Implant Drill 3.0 x 12.0mm

Final Drill RS_B3.0/14.0
Rapid Surgery Implant Drill 3.0 x 14.0mm

Final Drill RS_B3.0/16.0
Rapid Surgery Implant Drill 3.0 x 16.0mm

Final Drill RS_B3.0/18.0
Rapid Surgery Implant Drill 3.0 x 18.0mm

Final Drill RS_B3.0/20.0
Rapid Surgery Implant Drill 3.0 x 20.0mm

Final Drill RS_B3.0/22.0
Rapid Surgery Implant Drill 3.0 x 22.0mm

Final Drill RS_B3.0/24.0
Rapid Surgery Implant Drill 3.0 x 24.0mm

Final Drill RS_B3.0/26.0
Rapid Surgery Implant Drill 3.0 x 26.0mm

Final Drill RS_B3.0/28.0
Rapid Surgery Implant Drill 3.0 x 28.0mm

Reserve

Reserve

5 Contour Drills 3.5

Contour Drill RS_EB3.5/16.0
Rapid Surgery Extension Drill 3.5 x 16.0mm

Contour Drill RS_EB3.5/22.0
Rapid Surgery Extension Drill 3.5 x 22.0mm

Contour Drill RS_EB3.5/28.0
Rapid Surgery Extension Drill 3.5 x 28.0mm

6 Taps

Tap RS_GS3.0
Rapid Surgery Tap Instrument 3.0mm

Tap RS_GS3.5
Rapid Surgery Tap Instrument 3.5mm

7 Implant Insertion

Inserter RSIE_WS3.0-3.5/3
RS Contra Angle Implant Inserter 3.0+3.5mm
GHH 3mm

Inserter RSIE_WS3.0-3.5/5
RS Contra Angle Implant Inserter 3.0+3.5mm
GHH 5mm

Inserter RSIE_WS3.0-3.5/7
RS Contra Angle Implant Inserter 3.0+3.5mm
GHH 7mm

Inserter RSIE_WS3.0-3.5
Rapid Surgery Inserter
3,0 & 3,5mm – High Torque

8 Optional

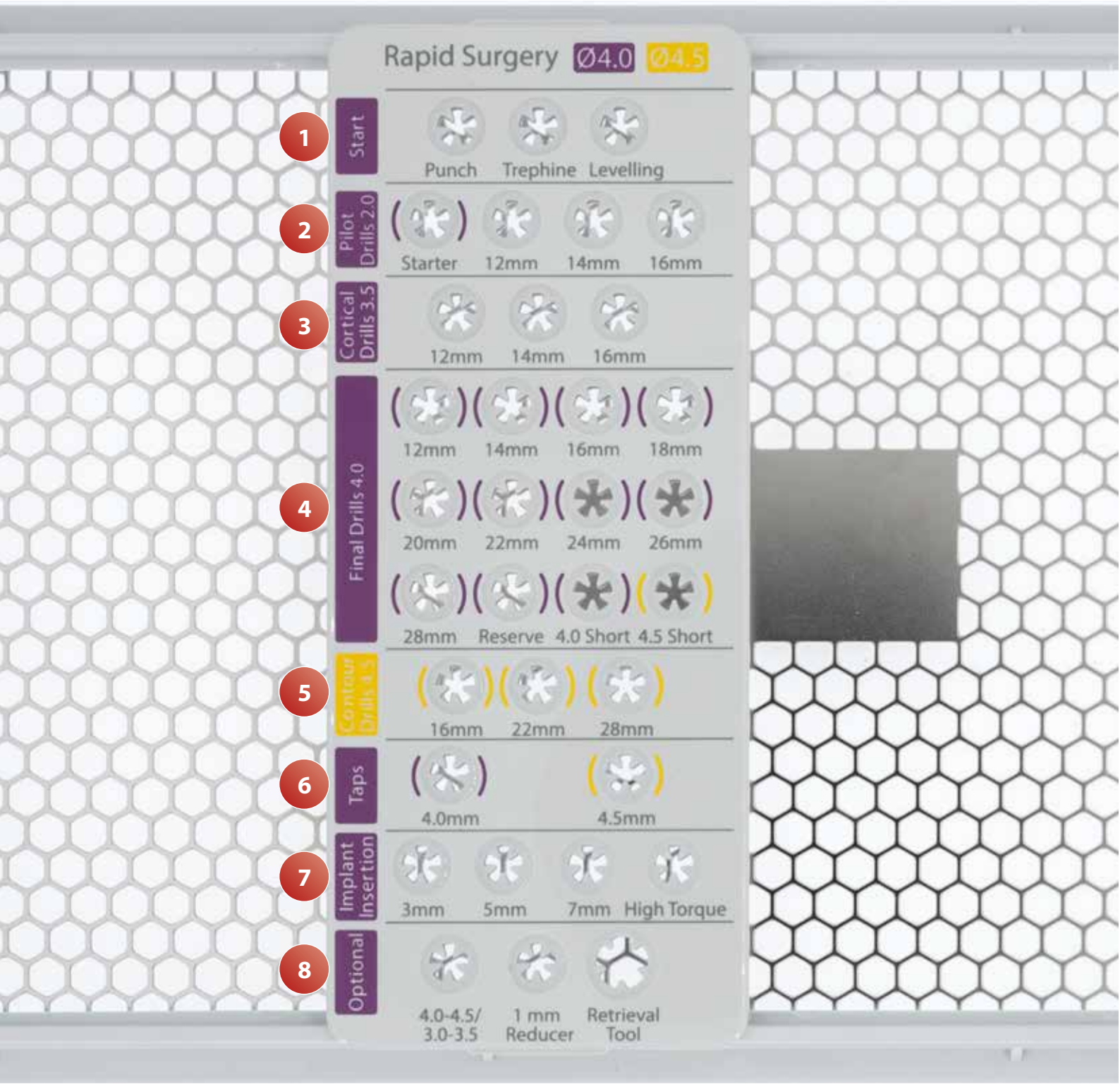
Adaptor/ Reduction Sleeve
RS_BTR.30-35_20

Drill Reduction - 1mm
RS_BRR-1.30-35

Retrieval Tool RSRT_RA3.0-3.5
Rapid Surgery Implant Retrieval Tool
3.0 & 3.5mm

Module 2: Rapid Surgery Tools Ø 4.0 / Ø 4.5 mm

Please find below a complete overview of the contents for your **Argon Rapid Surgery 2.0 Tray** in diameters of Ø 4.0 and Ø 4.5 mm, as well as the article numbers relevant for your order.



1 Start

Punch GS_RS4.0-4.5
Rapid Surgery Gingiva Punch 4.0 & 4.5mm

Trephine TF_RS4.0-4.5
Rapid Surgery Trephine Bur 4.0 & 4.5mm

Leveling RS_PF_4.0-4.5
Rapid Surgery leveling Bur 4.0 & 4.5mm

2 Pilot Drills 2.0

Starter RS_K_4.0-4.5
Rapid Surgery Starter Bur 4.0 & 4.5mm

Pilot Drill RS_PB4.0-4.5/12
Rapid Surgery Pilot Drill 2.0 x 12.0mm
for 4,0 & 4,5mm

Pilot Drill RS_PB4.0-4.5/14
Rapid Surgery Pilot Drill 2.0 x 14.0mm
for 4,0 & 4,5mm

Pilot Drill RS_PB4.0-4.5/16
Rapid Surgery Pilot Drill 2.0 x 16.0mm
for 4,0 & 4,5mm

3 Cortical Drills 3.5

Cortical Drills RS_KB4.0-4.5/12
Rapid Surgery Cortical Drill 3.5 x 12mm
for 4.0 & 4.5mm

Cortical Drills RS_KB4.0-4.5/14
Rapid Surgery Cortical Drill 3.5 x 14mm
for 4.0 & 4.5mm

Cortical Drills RS_KB4.0-4.5/16
Rapid Surgery Cortical Drill 3.5 x 16mm
for 4.0 & 4.5mm

4 Final Drills 4.0

Final Drill RS_B4.0/12.0
Rapid Surgery Implant Drill 4.0 x 12.0mm

Final Drill RS_B4.0/14.0
Rapid Surgery Implant Drill 4.0 x 14.0mm

Final Drill RS_B4.0/16.0
Rapid Surgery Implant Drill 4.0 x 16.0mm

Final Drill RS_B4.0/18.0
Rapid Surgery Implant Drill 4.0 x 18.0mm

Final Drill RS_B4.0/20.0
Rapid Surgery Implant Drill 4.0 x 20.0mm

Final Drill RS_B4.0/22.0
Rapid Surgery Implant Drill 4.0 x 22.0mm

Final Drill RS_B4.0/24.0
Rapid Surgery Implant Drill 4.0 x 24.0mm

Final Drill RS_B4.0/26.0
Rapid Surgery Implant Drill 4.0 x 26.0mm

Final Drill RS_B4.0/28.0
Rapid Surgery Implant Drill 4.0 x 28.0mm

Short Drill RS_B4.0/19.0KS
Rapid Surgery Short Drill 4.0 x 19.0mm

Short Drill RS_B4.5/19.0KS
Rapid Surgery Short Drill 4.5 x 19.0mm

5 Contour Drills 4.5

Contour Drill RS_EB4.5/16.0
Rapid Surgery Extension Drill 4.5 x 16.0mm

Contour Drill RS_EB4.5/22.0
Rapid Surgery Extension Drill 4.5 x 22.0mm

Contour Drill RS_EB4.5/28.0
Rapid Surgery Extension Drill 4.5 x 28.0mm

6 Taps

Tap RS_GS4.0
Rapid Surgery Tap Instrument 4.0mm

Tap RS_GS4.5
Rapid Surgery Tap Instrument 4.5mm

7 Implant Insertion

Inserter RSIE_WS4.0-4.5/3
RS Contra Angle Implant Inserter 4.0+4.5mm
GHH 3mm

Inserter RSIE_WS4.0-4.5/5
RS Contra Angle Implant Inserter 4.0+4.5mm
GHH 5 mm

Inserter RSIE_WS4.0-4.5/7
RS Contra Angle Implant Inserter 4.0+4.5mm
GHH 7 mm

Inserter RSIE_WS4.0-4.5
Rapid Surgery Inserter
4,0 & 4,5mm – High Torque

8 Optional

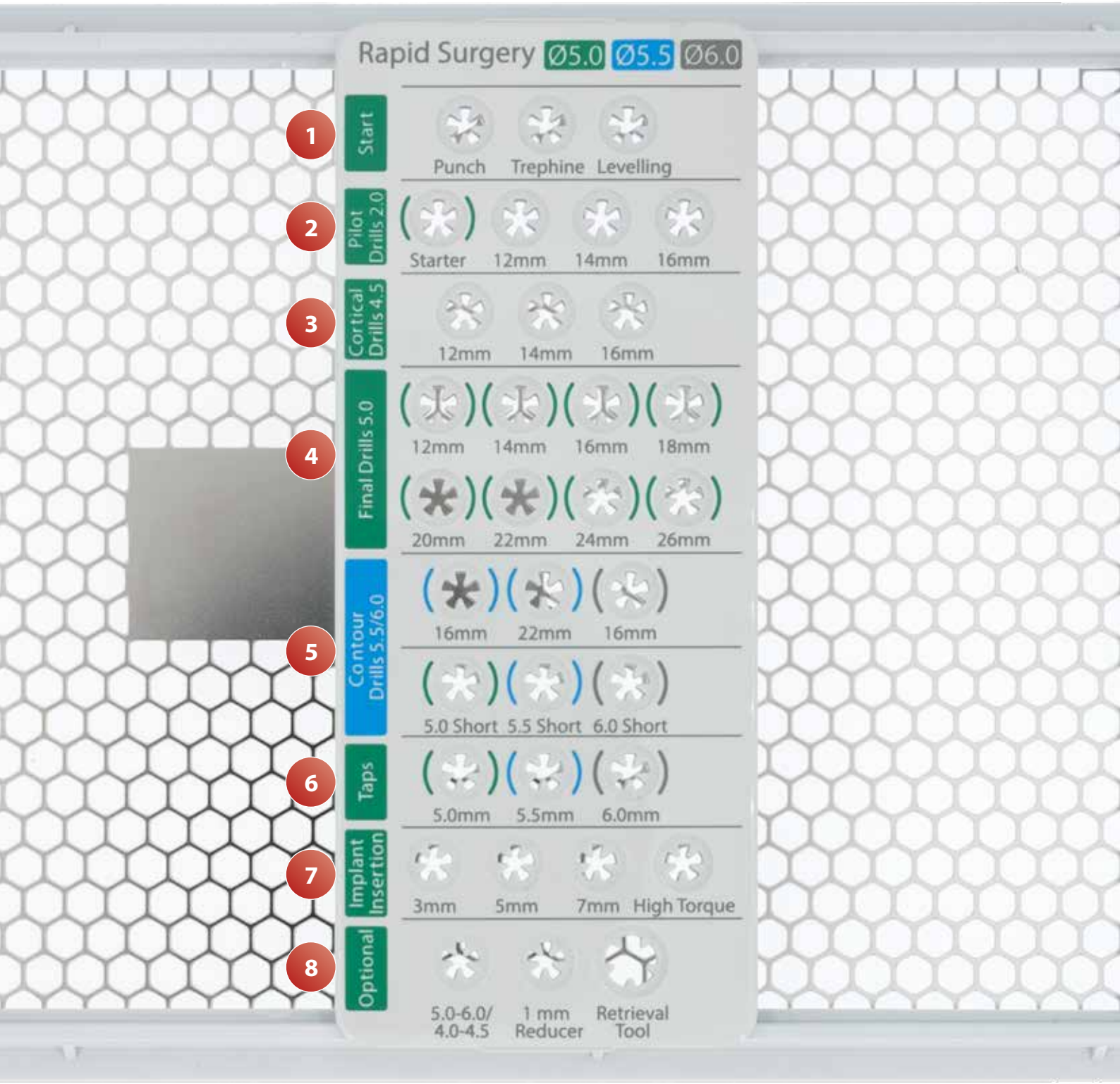
Adaptor/ Reduction Sleeve
RS_BTR.40-45_30-35

Drill Reduction – 1mm
RS_BRR-1.40-45

Retrieval Tool RSRT_RA4.0-4.5
Rapid Surgery Implant Retrieval Tool
4.0 & 4.5mm

Module 3: Rapid Surgery Tools Ø 5.0 / Ø 5.5 / Ø 6.0 mm

Please find below a complete overview of the contents for your **Argon Rapid Surgery 2.0 Tray** in diameters of Ø 5.0, Ø 5.5 and Ø 6.0 mm, as well as the article numbers relevant for your order.



1 Start

Punch GS_RS5.0-6.0
Rapid Surgery Gingiva Punch 5.0 & 6.5mm

Trephine TF_RS5.0-6.0
Rapid Surgery Trephine 5,0 & 6,0mm

Leveling RS_PF_5.0-6.0
Rapid Surgery leveling Bur 5.0 & 6.0mm

2 Pilot Drills 2.0

Starter RS_K_5.0-6.0
Rapid Surgery Starter Bur 5.0 & 6.0mm

Pilot Drill RS_PB5.0-6.0/12
Rapid Surgery Pilot Drill 2.0 x 12.0mm
for 5,0 & 6,0mm

Pilot Drill RS_PB5.0-6.0/14
Rapid Surgery Pilot Drill 2.0 x 14.0mm
for 5,0 & 6,0mm

Pilot Drill RS_PB5.0-6.0/16
Rapid Surgery Pilot Drill 2.0 x 16.0mm
for 5,0 & 6,0mm

3 Cortical Drills 4.5

Cortical Drill RS_KB5.0-6.0/12
Rapid Surgery Cortical Drill 4.5 x 12mm
for 5.0 & 6.0mm

Cortical Drill RS_KB5.0-6.0/14
Rapid Surgery Cortical Drill 4.5 x 14mm
for 5.0 & 6.0mm

Cortical Drill RS_KB5.0-6.0/16
Rapid Surgery Cortical Drill 4.5 x 16mm
for 5.0 & 6.0mm

4 Final Drills 5.0

Final Drill RS_B5.0/12.0
Rapid Surgery Implant Drill 5.0 x 12.0mm

Final Drill RS_B5.0/14.0
Rapid Surgery Implant Drill 5.0 x 14.0mm

Final Drill RS_B5.0/16.0
Rapid Surgery Implant Drill 5.0 x 16.0mm

Final Drill RS_B5.0/18.0
Rapid Surgery Implant Drill 5.0 x 18.0mm

Final Drill RS_B5.0/20.0
Rapid Surgery Implant Drill 5.0 x 20.0mm

Final Drill RS_B5.0/22.0
Rapid Surgery Implant Drill 5.0 x 22.0mm

Final Drill RS_B5.0/24.0
Rapid Surgery Implant Drill 5.0 x 24.0mm

Final Drill RS_B5.0/26.0
Rapid Surgery Implant Drill 5.0 x 26.0mm

5 Contour Drills 5.5 / 6.0

Contour Drill RS_EB5.5/16
Rapid Surgery Extension Drill 5.5 x 16.0mm

Contour Drill RS_EB5.5/22
Rapid Surgery Extension Drill 5.5 x 22mm

Contour Drill RS_EB6.0/16
Rapid Surgery Extension Drill 6.0 x 16.0mm

Contour Drill RS_B5.0/19.0KS
Rapid Surgery Extension Drill 5.0 x 19.0mm

Contour Drill RS_B5.5/19.0KS
Rapid Surgery Extension Drill 5.5 x 19.0mm

Contour Drill RS_B6.0/19.0KS
Rapid Surgery Extension Drill 6.0 x 19.0mm

6 Taps

Tap RS_GS5.0
Rapid Surgery Tap Instrument 5.0mm

Tap RS_GS5.5
Rapid Surgery Tap Instrument 5.5mm

Tap RS_GS6.0
Rapid Surgery Tap Instrument 6.0mm

7 Implant Insertion

Inserter RSIE_WS5.0-6.0/3
RS Contra Angle Implant Inserter 5.0+6.0mm
GHH 3mm

Inserter RSIE_WS5.0-6.0/5
RS Contra Angle Implant Inserter 5.0+6.0mm
GHH 5mm

Inserter RSIE_WS5.0-6.0/7
RS Contra Angle Implant Inserter 5.0+6.0mm
GHH 7mm

Inserter RSIE_WS5.0-6.0
Rapid Surgery Inserter
5,0 & 6,0mm – High Torque

8 Optional

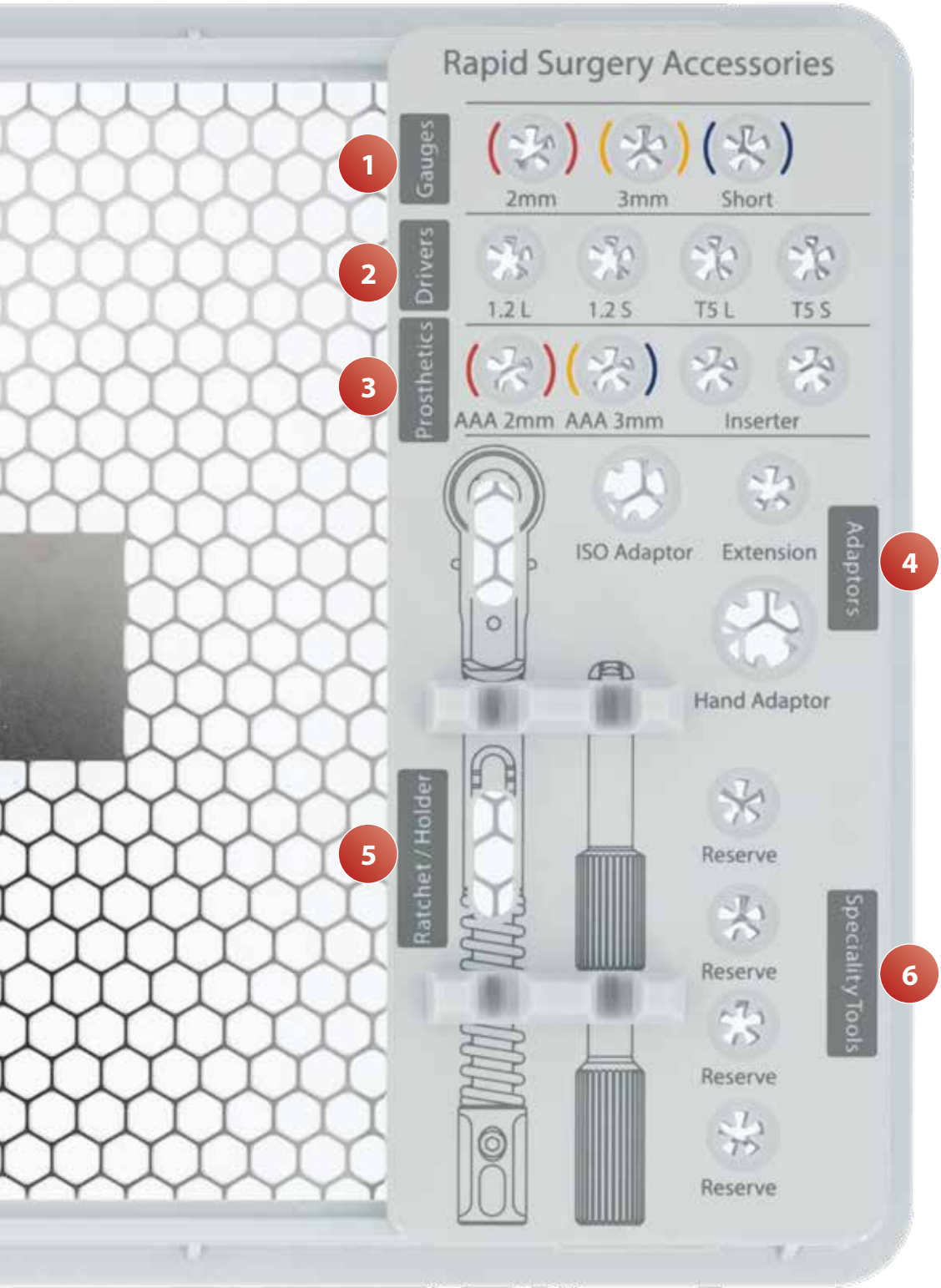
Adaptor/ Reduction Sleeve
RS_BTR.50-60_40-45

Drill Reduction – 1 mm
RS_BRR-1.50-60

Retrieval Tool RSRT_RA5.0-6.0
Rapid Surgery Implant Retrieval Tool
5.0 & 6.0mm

Module 4: Rapid Surgery Tools – Accessories

Please find below a complete overview of the accessories in the **Argon Rapid Surgery 2.0 Tray**, along with the article numbers relevant to your order.



1 Gauges

2 mm Gauge
hms_xp_2_g

3mm Gauge
hms_xp_3_g

3mm ShortGauge
hms_xp_3s_g

2 Drivers

Driver WSE_SK1.2k
Hexagon screwdriver with contra-angle connection, short

Driver WSE_SK1.2l
Hexagon screwdriver with contra-angle connection, long

Inserter MU.XP_KIT.K3
K3Pro XP MultiUnit Ball/ Torx Instrument Contra Angle connection (Short)

Inserter MU.XP_KIT.K3
K3Pro XP MultiUnit Ball/ Torx Instrument Contra Angle connection (Long)

3 Prosthetics

Removal tool AAA.WS_K3PRO/2
Abutment removal– GH 0.5mm - 2.0mm

Removal tool AAA.WS_K3PRO/3
Abutment removal– GH 0.5mm - 3.0mm

Inserter MU.XP_EIW
K3Pro XP MultiUnit Insertion Tool Contra Angle connection

Inserter MU.XP_EIR
K3Pro XP MultiUnit Insertion Tool Ratchet connection

4 Adaptors

ISO adapter RA_ISO.WSA
with ratchet connection

Hand Knob RK01_VK4
Adapter with square connection

Drill extension KBV03
W&H Compatible

5 Ratchet/Holder

Ratchet TR_10.45
High Torque Ratchet

Adaptor/Reduction Sleeve Holder
RHH_NB

6 Specialty Tools

Reserve

Reserve

Reserve

Reserve

PK02_K3Pro
K3Pro® Prosthetic Tray

Surgical and prosthetic instruments for the entire K3Pro® product line (for any application). Inncludes surgical instruments for exposure and bone conditioning and probes and positioning aids for optimal abutment selection.

Instruments & Drills

SHORT IMPLANTS – DRILLING PROTOCOL

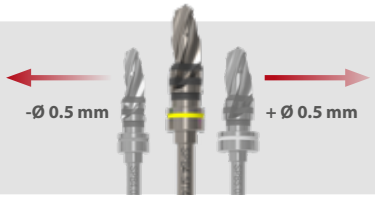
Plattform	Diameter	Rose drill	Starter drill	Pilot drill	Implant drill							Implant inserter	Screw plug
				2.0 mm	Ø 3.5 mm	Ø 4.0 mm	Ø 4.5 mm	Ø 5.0 mm	Ø 5.5 mm	Ø 6.0 mm			
		800 U/min	800 U/min	600 U/min	50–600 U/min	50–600 U/min	50–600 U/min	50–600 U/min	50–600 U/min	50–600 U/min	50–600 U/min	2 mm 20–25 Ncm 3mm/Short 20–35 Ncm	5 Ncm
Short	Ø 4.0 mm												
Implant lengths from 5.5-6.5 mm		KB1.9K	KB.STLD	KB2.0/9.0S	SPB3.5/10.0S	SPB4.0/10.0S						WSEI_1.6	VSK3K_S
Short	Ø 4.5 mm												
Implant lengths from 5.5-6.5 mm		KB1.9K	KB.STLD	KB2.0/9.0S	SPB3.5/10.0S	SPB4.0/10.0S	SPB4.5/10.0S					WSEI_1.6	VSK3K_S
Short	Ø 5.0 mm												
Implant lengths from 5.5-6.5 mm		KB1.9K	KB.STLD	KB2.0/9.0S	SPB3.5/10.0S	SPB4.0/10.0S	SPB4.5/10.0S	SPB5.0/10.0S				WSEI_1.6	VSK3K_S
Short	Ø 5.5 mm												
Implant lengths from 5.5-6.5 mm		KB1.9K	KB.STLD	KB2.0/9.0S	SPB3.5/10.0S	SPB4.0/10.0S	SPB4.5/10.0S	SPB5.0/10.0S	SPB5.5/10.0S			WSEI_1.6	VSK3K_S
Short	Ø 6.0 mm												
Implant lengths from 5.5-6.5 mm		KB1.9K	KB.STLD	KB2.0/9.0S	SPB3.5/10.0S	SPB4.0/10.0S	SPB4.5/10.0S	SPB5.0/10.0S	SPB5.5/10.0S	SPB6.0/10.0S		WSEI_1.6	VSK3K_S

K3pro® SURGICAL PROTOCOL (SURGICAL STEEL DRILLS)

S-LINE, R-LINE, C-LINE IMPLANTS

FOR SPB IMPLANT DRILLS

Platform	Diameter	Round Burr	Starter-drill	pilot drill	pilot drill	Implant drill							Implant Inserter	Cover Screw
				2.0 mm	2.0 mm	Ø 3.0 mm	Ø 3.5 mm	Ø 4.0 mm	Ø 4.5 mm	Ø 5.0 mm	Ø 5.5 mm	Ø 6.0 mm		
		800 rpm	800 rpm	600 rpm	600 rpm	50–600 rpm	50–600 rpm	50–600 rpm	50–600 rpm	50–600 rpm	50–600 rpm	50–600 rpm	2 mm 20–25 Ncm	
						35 Ncm	35 Ncm	35 Ncm	35 Ncm	35 Ncm	35 Ncm	35 Ncm	3mm/Short 20–35 Ncm	5 Ncm
2 mm	Ø 3.0 mm	KB1.9K	KB.STLD	KB2.0/14.0S KB2.0/20.0S	SPB2.5/14.0S SPB2.5/20.0S	SPB3.0/14.0S SPB3.0/20.0S							WSEI_1.4	VSK2K
Implant lengths from 8.0-11.0 mm Implant lengths from 13.0-17.0 mm														
2 mm	Ø 3.5 mm	KB1.9K	KB.STLD	KB2.0/14.0S KB2.0/20.0S	SPB2.5/14.0S SPB2.5/20.0S	SPB3.0/14.0S SPB3.0/20.0S	SPB3.5/14.0S SPB3.5/20.0S						WSEI_1.4	VSK2K
Implant lengths from 8.0-11.0 mm Implant lengths from 13.0-17.0 mm														
3 mm	Ø 4.0 mm	KB1.9K	KB.STLD	KB2.0/14.0S KB2.0/20.0S	SPB2.5/14.0S SPB2.5/20.0S	SPB3.0/14.0S SPB3.0/20.0S	SPB3.5/14.0S SPB3.5/20.0S	SPB4.0/14.0S SPB4.0/20.0S					WSEI_1.6	VSK3K
Implant lengths from 8.0-11.0 mm Implant lengths from 13.0-17.0 mm														
3 mm	Ø 4.5 mm	KB1.9K	KB.STLD	KB2.0/14.0S KB2.0/20.0S	SPB2.5/14.0S SPB2.5/20.0S	SPB3.0/14.0S SPB3.0/20.0S	SPB3.5/14.0S SPB3.5/20.0S	SPB4.0/14.0S SPB4.0/20.0S	SPB4.5/14.0S SPB4.5/20.0S				WSEI_1.6	VSK3K
Implant lengths from 8.0-11.0 mm Implant lengths from 13.0-17.0 mm														
3 mm	Ø 5.0 mm	KB1.9K	KB.STLD	KB2.0/14.0S KB2.0/20.0S	SPB2.5/14.0S SPB2.5/20.0S	SPB3.0/14.0S SPB3.0/20.0S	SPB3.5/14.0S SPB3.5/20.0S	SPB4.0/14.0S SPB4.0/20.0S	SPB4.5/14.0S SPB4.5/20.0S	SPB5.0/14.0S SPB5.0/20.0S			WSEI_1.6	VSK3K
Implant lengths from 8.0-11.0 mm Implant lengths from 13.0-17.0 mm														
3 mm	Ø 5.5 mm	KB1.9K	KB.STLD	KB2.0/14.0S KB2.0/20.0S	SPB2.5/14.0S SPB2.5/20.0S	SPB3.0/14.0S SPB3.0/20.0S	SPB3.5/14.0S SPB3.5/20.0S	SPB4.0/14.0S SPB4.0/20.0S	SPB4.5/14.0S SPB4.5/20.0S	SPB5.0/14.0S SPB5.0/20.0S	SPB5.5/14.0S SPB5.5/20.0S		WSEI_1.6	VSK3K
Implant lengths from 8.0-11.0 mm Implant lengths from 13.0-17.0 mm														
3 mm	Ø 6.0 mm	KB1.9K	KB.STLD	KB2.0/14.0S KB2.0/20.0S	SPB2.5/14.0S SPB2.5/20.0S	SPB3.0/14.0S SPB3.0/20.0S	SPB3.5/14.0S SPB3.5/20.0S	SPB4.0/14.0S SPB4.0/20.0S	SPB4.5/14.0S SPB4.5/20.0S	SPB5.0/14.0S SPB5.0/20.0S	SPB5.5/14.0S SPB5.5/20.0S	SPB6.0/14.0S SPB6.0/20.0S	WSEI_1.6	VSK3K
Implant lengths from 8.0-11.0 mm Implant lengths from 13.0-17.0 mm														



Actively influence your primary stability

by upsizing or downsizing the final drill within the drilling sequence. In hard bone you will reduce your required insertion force with a larger drill, whereas in soft bone you can increase your insertion force by using a smaller drill.

PILOT AND IMPLANT DRILLS

Implant drill for K3Pro Rapid, Sure, Compress implants (Ø 3.0 - 6.0 mm)

Diameter

	2.5 mm	3.0 mm	3.5 mm	4.0 mm	4.5 mm	5.0mm	5.5 mm	6.0 mm
Twist drill, for K3Pro Implant 8.0 mm - 11.0 mm	 SPB2.5/14.0S	 SPB3.0/14.0S	 SPB3.5/14.0S	 SPB4.0/14.0S	 SPB4.5/14.0S	 SPB5.0/14.0S	 SPB5.5/14.0S	 SPB6.0/14.0S
Twist drill, for K3Pro Implant 13.0 mm - 17.0mm	 SPB2.5/20.0S	 SPB3.0/20.0S	 SPB3.5/20.0S	 SPB4.0/20.0S	 SPB4.5/20.0S	 SPB5.0/20.0S	 SPB5.5/20.0S	

Implant drill for K3Pro Short implants (length: 5.5 - 6.5 mm)

Diameter

	3.5 mm	4.0 mm	4.5 mm	5.0mm	5.5 mm	6.0 mm
Twist drill, for K3Pro Short Implant. 5.5 mm - 6.5 mm	 SPB3.5/10.0S	 SPB4.0/10.0S	 SPB4.5/10.0S	 SPB5.0/10.0S	 SPB5.5/10.0S	 SPB6.0/10.0S

Implant drill for K3Pro Wide implants (Ø 7.0 - 8.0 mm)

Diameter

	6.5 mm	7.0mm	7.5 mm	8.0 mm
Twist drill, for K3Pro Wide Implant 8.0 mm - 11.0 mm	 SPB6.5/14.0S	 SPB7.0/14.0S	 SPB7.5/14.0S	 SPB8.0/14.0S

PILOT AND IMPLANT DRILLS

Starter drill

K3Pro® drill extension Closed	K3Pro® drill extension W&H Compatible	K3Pro® Rose drill	K3Pro® Directional drill
			
KBV02	KBV03	KB1.9K	KB.STLD

Pilot drill

Diameter	Length					
	9.0 mm	10.0 mm	11.0 mm	12.0 mm	13.0 mm	14.0 mm
Ø 2.0mm surgical steel						
	KB2.0/9.0S *1	KB2.0/10.0S	KB2.0/11.0S	KB2.0/12.0S	KB2.0/13.0S	KB2.0/14.0S *2

Diameter	Length					
	15.0mm	16.0 mm	17.0mm	18.0 mm	19.0 mm	20.0 mm
Ø 2.0mm surgical steel						
	KB2.0/15.0S	KB2.0/16.0S	KB2.0/17.0S	KB2.0/18.0S	KB2.0/19.0S	KB2.0/20.0S *3

*carries markings for K3Pro® Short implants

*2 carries all relevant markings for K3Pro® implants of 8.0-11.0mm length

*3 carries all relevant markings for K3Pro®3 implants from 13.0-17.0mm length

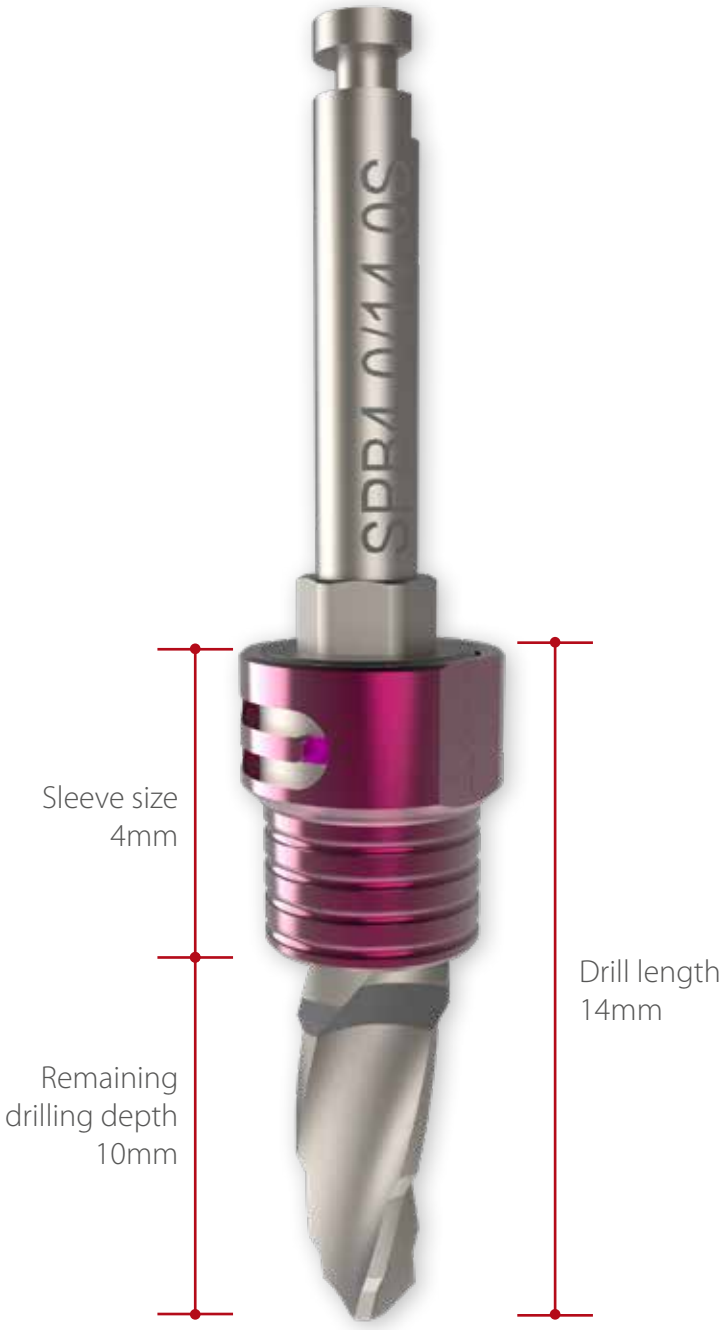
DRILL STOP SLEEVES

shortens the drill stop	- 1 mm	- 2 mm	- 3 mm	- 4 mm	- 5 mm	- 6 mm
Ø 2.5 – 3.5 mm	BS4201	BS4202	BS4203	BS4204	BS4205	BS4206
Ø 4.0 – 4.5mm	BS5101	BS5102	BS5103	BS5104	BS5105	BS5106
Ø 5.5 – 6.5 mm	BS6601	BS6602	BS6603	BS6604	BS6605	BS6606
Ø 7.0 – 8.0 mm	BS8601	BS8602	BS8603	BS8604	BS8605	BS8606

FOR EXCLUSIVE USE WITH

SPB DRILLS

IMPLANT DRILLS AND DRILL STOP SLEEVES FOR K3PRO®



SINKERS, BONE CONDENSERS & SULCUS REAMERS

Countersink

Implant diameter

Ø 3.0 mm	Ø 3.5 mm	Ø 4.0 mm	Ø 4.5 mm	Ø 5.0mm	Ø 6.0 mm
					
K3.0	K3.5	K4.0	K4.5	K5.0	K6.0

Tap

Implant diameter

Ø 3.0 mm	Ø 3.5 mm	Ø 4.0 mm	Ø 4.5 mm	Ø 5.0mm	Ø 6.0 mm
					
GS3.0	GS3.5	GS4.0	GS4.5	GS5.0	GS6.0

Bone Condenser

Implant diameter

	Ø 3.0 mm	Ø 3.5 mm	Ø 4.0 mm	Ø 4.5 mm	Ø 5.0mm	Ø 6.0 mm
							
KK2.1	KK2.4	KK2.7	KK2.9	KK3.5	KK3.8	KK4.3	KK5.3

IMPLANT DRIVERS, SCREWDRIVERS & ABUTMENT REMOVAL TOOLS

Implant inserter

2 mm

RAEI_1.4
Implant inserter for 2 mm shaft with ratchet connection

2 mm

RAEI.L_1.4
Implant inserter for 2 mm shaft with ratchet connection, **long**

3 mm Short

RAEI_1.6
Implant inserter for 3 mm shaft with ratchet connection

3 mm Short

RAEI.L_1.6
Implant inserter for 3 mm shaft with ratchet connection, **long**

2 mm

WSEI_1.4
Implant inserter for 2 mm shaft with contra-angle connection

2 mm

WSEI.L_1.4
Implant inserter for 2 mm shaft with contra-angle connection, **long**

3 mm Short

WSEI_1.6
Implant inserter for 3 mm shaft with contra-angle connection

3 mm Short

WSEI.L_1.6
Implant inserter for 3 mm shaft with contra-angle connection, **long**

2 mm

WSEI_1.4OK
Implant driver for 2mm contra-angle connection **without clamping***

2 mm

WSEI.L_1.4OK
Implant driver for 2 mm contra-angle connection, **long, without clamping** *

3 mm Short

WSEI_1.6OK
Implant driver for 3mm contra-angle connection **without clamping***

3 mm Short

WSEI.L_1.6OK
Implant driver for 3 mm contra-angle connection, **long, without clamping** *

* without clamping in the implant for maximum contact in the hex for higher insertion forces - not suitable for removing the implant from the packaging.

ABUTMENT REMOVAL TOOLS

NEW VERSIONS SUITABLE FOR K3PRO & K3PRO XP

2 mm

AAA.WS_K3PRO/2
Abutment removal for K3Pro 2mm Platform, GH 0.5mm - 3.0mm with elbow connection

2 mm

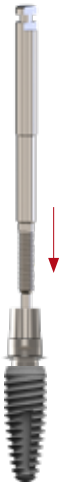
AAA.WS_K3PRO/2L
Abutment removal for K3Pro 2mm Platform, long, GH 3.0mm - 6.0mm with elbow connection

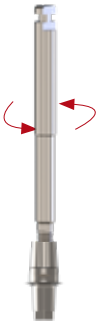
3 mm Short

AAA.WS_K3PRO/3
Abutment removal for K3Pro 3mm Platform, GH 0.5mm - 3.0mm with elbow connection

3 mm Short

AAA.WS_K3PRO/3L
Abutment removal for K3Pro 3mm Platform, long, GH 3.0mm - 6.0mm with elbow connection





SCREWDRIVER FOR ABUTMENT & COVER SCREWS AND GINGIVA FORMER (TITANIUM)

SKD01H
Hexagon screwdriver for manual insertion, **long**

SKD02H
Hexagon screwdriver for manual screwdriving, **short**

WSE_SK1.2k
Hexagon screwdriver with contra-angle connection, **short**

WSE_SK1.2L
Hexagon screwdriver with contra-angle connection, **long**

SKD01k
Hexagon screwdriver with ratchet connection, **short**

SKD01L
Hexagon screwdriver with ratchet connection, **long**

SKD01EL
Hexagon screwdriver with ratchet connection, **extra long**

SKD03H
Hexagon screwdriver for hand turning. **extra short**

SKD04H
Hexagon screwdriver for hand turning, **extra long**

WSE_SK1.2EK
Hexagon screwdriver with contra-angle connection, **extra short**

PREPARATION & MEASUREMENT, RATCHET, ADAPTER, GRIPS & PARALLEL PINS

Preparation & Measurement

ABPI01
Set-up preparation instrument & probe

BTS_K3Pro
Drill depth probe for K3Pro®

GS_3/2
K3Pro® gingival probe

Ratchet

TR_10.45
K3Pro® rotary torque ratchet
10-45 Ncm

RV_01.K
K3Pro® ratchet extension
5 mm

RV_01.L
K3Pro® ratchet extension
10 mm

Adapter

RA_ISO.WSA
ISO adapter with ratchet connection

RK01_VK4
Knurled head adapter with square connection

Handles

OS_EG.01
Hand insertion handle, titanium **(silver)**

OS_EG.01ti
Hand insertion handle, titanium **(gold)**

OSG_001
Hand insertion handle, **silicone**

Parallel Pins

Angulation

0°	10°	15°	20°
			
PP_00	PP_10	PP_15	PP_20

CLEANING INSTRUCTIONS FOR TRAYS & INSTRUMENTS

1. Immediate measures after application

- Removal of coarse contamination
- Flushing the cavities

2. Pre-cleaning

- Removal of residues and dirt
- Use of suitable, if necessary listed cleaning agents
- Optional use of auxiliary equipment (e.g. ultrasound)

3. Cleaning

- Combination of immersion and brushing of the instrument
- Use of suitable, if necessary listed cleaning agents
- The use of steel brushes or steel wool is strongly discouraged!

4. Intermediate rinsing

- Water rinsing for the removal of cleaning chemicals, dirt residues and other foreign substances
- All internal and external surfaces must be rinsed

5. Drain

- Complete draining of the medical device

6. Check for cleanliness

- Check by means of visual inspection, if necessary with magnifying glass/loupe lamp

7. Disinfection

- Immersion bath in verified disinfection solution
- Ensure complete wetting

8. Final rinse

- Water rinsing for the removal of cleaning chemicals, dirt residues and other foreign substances

9. Drying

- Drying of all surfaces, if necessary using compressed air, clean, low-germ, lint-free cloths or in a drying cabinet.

10. Documentation and release

11. Follow up with gloves

- Functional check (magnifying glass visual check)
- Packing
- Sterilization

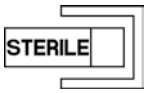
For detailed recommendations on instrument reprocessing, please refer to the "Brief Instructions: Reprocessing of Reusable Dental Instruments" issued for this purpose. For their reference, as well as for all other questions regarding the reprocessing process, you are welcome to contact us directly or visit us at www.argon-dental.de

Products of the Argon Group are CE marked and meet the requirements of the Medical Device Directive 93/42 EEC.

Please read the operating instructions carefully

Sterilized by radiation

Identifies the serial number



Interior product sterile

Suitable for single use only

Not sterile

Use before expiration date

Date of manufacture

Manufacturer

Shipping and service

UPS Standard:
Free of charge from an order value of 100 €
UPS Express:
From an order value of 200 € free of charge, delivery until the next working day.
UPS Express Saver:
From an order value of 300 € free of charge, delivery until the next working day at 12:00.

Personal order taking service

Monday - Friday 8:00-17:00
To ensure same-day shipping, the order must be placed no later than 14:00.

K3Pro® Lifetime Warranty

ARGON Dental offers a lifetime warranty for the K3Pro® implants. For more information.

-> www.argon-dental.de

Our Peri-Protect® System

The conical implant-abutment connection is advantageous in all aspects around the sustainability of an implantological restoration. Many aspects around patient compliance and oral hygiene are difficult for you to influence. But in essence, our ambition as a manufacturer is to produce one of the best implants in the world, making the implant as resistant to peri-implantitis as possible in terms of design for clinicians and their patients. Because peri-implantitis is everyone's business!

The idea behind it: a durable bony seal around and above the implant that never degrades. Because if we have healthy bone, we have healthy mucosa. Our first step towards this is subcrestal positioning. This is not just for aesthetics. Because long-term studies have shown that crestal bone collapse around the implant often causes stress on the corticalis. While other manufacturers consider how the shoulder should be designed to reduce this stress, we are one step ahead by not exerting it in the first place.

The second feature that goes hand-in-hand with this is the beveled, completely surface-treated implant shoulder. It forms the basic pre-requisite for sealing through new bone formation above the implant. And to ensure that this remains permanently, the most important function of our unique long taper comes into play here: the friction-locked and dimensionally stable connection to the abutment eliminates any micromovement or gap formation. This means that no bacterial contamination of the interior of the implant is possible.

What would our PeriProtect design be without the highest quality "Made in Germany" materials? It goes without saying that we only use grade 4 pure titanium for our implants. Our surface is etched using the unique OsteoActive process. This is the only way to achieve their maximum size thanks to particularly numerous cavities for safe osseointegration. Studies prove:

K3Pro® implants have been proven to have an absolutely clean surface! From the very beginning, we have done everything to give K3Pro® the optimal design against peri-implant complications. This is what we understand by sustainability. Your patients will love it. Now it is your turn.

K3pro® General terms and conditions

§ 1 General - Scope
(1) Our Terms and Conditions of Sale shall apply exclusively; we do not recognize any terms and conditions of the customer that conflict with or deviate from our Terms and Conditions of Sale unless we have expressly agreed to their validity in writing. Our Terms and Conditions of Sale shall also apply if we carry out the delivery to the customer without reservation in the knowledge of terms and conditions of the customer that conflict with or deviate from our Terms and Conditions of Sale.

§ 2 Offer - Documents
(1) The customer is bound to their order for 2 weeks. The purchase contract is concluded if we confirm the acceptance of the order of the object of purchase specified in more detail or have carried out the delivery within this period.
(2) Supplements and amendments to the contract require our confirmation in writing or by fax to be legally effective. Our field staff and other employees are not entitled to make verbal subsidiary agreements.
(3) If it turns out that ordered goods are not available, we reserve the right to withdraw from the contract. We will inform the customer immediately about the unavailability and refund any consideration already paid by the customer without delay.
(4) Illustrations, drawings, models, descriptions, files, calculations and other documents made available to the purchaser, customer or interested parties are to be treated confidentially. We reserve the right of ownership and copyright. The passing on to third parties requires our written consent. The customer may not make the aforementioned items or documents available or disclose them to third parties or use or reproduce them himself or through third parties without our express consent. Upon our request, he shall return the same to us in full and without retaining any copies.

§ 3 Prices - Terms of payment
(1) The prices offered are ex works or ex warehouse, plus the statutory value added tax. This will be shown separately in the invoice at the statutory rate on the day of invoicing.
(2) The costs for packaging, insurance, shipping and customs duties shall be invoiced separately to the Purchaser, unless we have expressly agreed otherwise in our respective current price list.
(3) Our deliveries are insured up to the value of goods in the amount of 500.00 euros. For deliveries higher than the aforementioned value of goods, the insurance cover will be extended accordingly by us. The additional costs associated with this will be invoiced separately to the purchaser.
(4) Our invoices are due and payable without deduction within 14 days of the invoice date. The statutory rules concerning the consequences of default in payment shall apply.
(5) If the customer defaults on payment, we shall be entitled to charge interest on arrears at a rate of 8% above the prime rate in accordance with § 1 of the Discount Rate Transition Act. We reserve the right to prove a higher damage caused by default. The customer shall be entitled to prove that we have suffered no or less damage as a result of the delay. In any case, we may charge the statutory interest rate.
(6) If the customer is in default of payment, we are entitled to charge reminder fees of 7.50 euros per letter for each additional reminder. There is no obligation to pay for the first reminder.
(7) The customer shall only be entitled to set-off rights if his counterclaims have been legally established, are undisputed or have been acknowledged by us. In addition, he shall be entitled to exercise a right of retention insofar as his counterclaim is based on the same contractual relationship.

§ 4 Retention of title
(1) Our deliveries are always subject to retention of title. All goods delivered by us remain our property until full payment of all claims arising from the business relationship with the customer.
(2) In the event of conduct by the customer in breach of the contract, in particular in the event of default in payment, we shall be entitled to take back the purchased item. Our taking back of the object of sale shall constitute a withdrawal from the contract.

§ 5 Right of return
(1) Goods returns are only possible after consultation with us and with our consent in the same accounting year, provided that the shelf life of the goods is at least another year and the returns are original, undamaged and saleable goods. The booking year is the calendar year.
(2) In the case of returns within a period of 3 months after receipt (the date of the proof of receipt from the shipper is decisive), a full refund of the purchase price will be made. After the expiry of 3 months, the customer shall pay us a handling fee of 25% of the sales price for returns from orders executed without defects. For the timeliness of the return within the 3 month period, the receipt of the goods by us is decisive.
(3) Deliveries of goods on medicines are excluded from the possibility of return.
(4) The costs of returning goods shall be borne by the customer, unless the delivered goods do not correspond to the ordered goods. The customer must provide proof of the return.

§ 6 Liability

(1) The purchaser is solely responsible for the knowledge and observance of relevant regulations for the use and storage of the delivered goods from the transfer of risk. The purchaser shall indemnify us against all claims and obligations arising against third parties that the purchaser violates this obligation.
(2) We shall be liable in accordance with the statutory provisions if we culpably breach a material contractual obligation; in this case, however, our liability for damages shall be limited to the foreseeable, typically occurring damage.
(3) Any further liability for damages other than that set forth in § 5 (2) shall be excluded - regardless of the legal nature of the asserted claim. This applies in particular to claims for damages arising from culpa in contrahendo, from other breaches of duty or from tortious claims for compensation for property damage pursuant to § 823 BGB.
(4) Insofar as our liability for damages is excluded or limited, this shall also apply with regard to the personal liability for damages of our employees, representatives and vicarious agents.

§ 7 EDP - data utilization

(1) The customer agrees that the data arising from the business relationship will be stored by us in accordance with § 28 of the Federal Data Protection Act for the purpose of data processing.

§ 8 Place of jurisdiction - Place of performance

(1) The place of performance is our place of business.
(2) The place of jurisdiction for all disputes arising from the business relationship shall be the registered office of the Company, provided that the Customer is a merchant, a legal entity under public law or a special fund under public law. We shall also be entitled to bring a claim against the customer before another court having jurisdiction by law. The statutory provisions on exclusive places of jurisdiction shall remain unaffected.
(3) The law of the Federal Republic of Germany shall apply; the validity of the UN Convention on Contracts for the International Sale of Goods is excluded.

K3pro® General notes

Please note:	All items can only be distributed to healthcare professionals. Please read the package insert carefully for surgical indications, Contraindications, warnings, instructions for use, warranty and limitations.
Delivery terms:	All prices are ex warehouse Bingen am Rhein. We reserve the right to make price and technical changes at any time. The goods remain our property until full payment. Return deliveries are only possible up to 14 days and only after consultation with the sales department. Furthermore we refer to our general terms and conditions.
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