



**ProShape**  
Custom abutment

Tailored abutments as individual  
as your patients



**MODERN**  
Dental Europe

# WHAT IS PROSHAPE

## Tailored abutments as individual as your patients

Experience **precision, esthetics, and reliability** with ProShape. Designed to get the best clinical results for implant dentistry, our individual abutments deliver superior outcomes for both practitioners and patients.

ProShape is designed to simplify and optimize implant restorations, offering a versatile and reliable solution no matter the case. Whether you require a **screw-retained or cement-retained restoration**, ProShape delivers exceptional precision, esthetics, and long-term stability. In most cases, we recommend using a screw-retained solution for its superior retrievability, reduced risk of complications, and long-term success.

### Need an Angulated Abutment? No Problem!

If the position and/or angulation of the implant demands a different approach, we provide cement-retained restorations as well, ensuring optimal function and esthetics. Plus, if an angulated screw channel is required, we produce it at no extra cost for specific brands.



# PROSHAPE

## Design Principles



### ESTHETICS

Mimicking natural teeth for superior results in relation to esthetics.



### RETRIEVABILITY

First choice is a screw retained restoration for easy access for adjustments and repairs. Also in more compromised situations we can deliver an angulated screw channel or abutment without any compromise.



### HYGIENE & BIOLOGY

The individual design promotes accessibility for cleaning as well as creating the right emergence profile to improve the tissue "adhesion" to the implant abutment/ crown. Our sanitizing process is designed to support dentists by ensuring a clean environment for optimal tissue management and patient care.

## WHY CHOOSE PROSHAPE?



### GOOD ESTHETICS

- The gold standard for your individual abutments. Gold-colored anodized abutments for a natural and seamless appearance.
- Optimized and individualised shape, size and color matching for a perfect integration with surrounding teeth.

### PREDICTABLE TISSUE MANAGEMENT

- Promotes healthy gingiva, reducing the risk of inflammation and peri-implantitis.
- Seamless interface and cementline minimizes gaps for enhanced tissue compatibility.

### LONG-TERM STABILITY & DURABILITY

- TiN-coated screws reduce wear, corrosion, and the risk of loosening.
- Even force distribution for reduced mechanical failure and improved longevity.

### AFFORDABLE QUALITY FOR ALL YOUR IMPLANT SOLUTIONS

At Modern Dental Europe, we combine the latest technologies with craftsmanship to deliver high-quality implant solutions that are appreciated by dentists worldwide. Our team of experienced technicians has extensive knowledge of various implant systems and utilizes the latest (digital) techniques to ensure a perfect fit and excellent aesthetic results.

We offer a complete process, from scan strategy to abutment and crown, for all common implant systems. This process is fully managed in-house, allowing us to guarantee high quality while working quickly and cost-efficiently. We provide premium solutions that surpass the standard Ti-base options from implant suppliers.

Impressions for the production of a workpiece can be submitted both analog and digitally. For digital impressions, files can easily be sent to us via your existing scanner, without the need for additional equipment.



# PROSHAPE ABUTMENTS

## Advantages of Individual Abutments

### ADVANTAGES OF INDIVIDUAL ABUTMENTS OVER STANDARD TI-BASE ABUTMENTS

Using individually manufactured abutments offers significant advantages over standard Ti-base abutments. Standard abutments often follow a “one-size-fits-all” approach, which does not always provide the best results for the patient’s specific anatomy. On the other hand, individual abutments are custom-made, providing an optimal balance between function and aesthetics.

With individual abutments, we can account for the patient’s unique characteristics, such as tooth alignment, bone volume, and gingival shape. This results in a better fit and a more natural appearance. It also enables us to create a precise emergence profile, which promotes gingival health and contributes to long-lasting aesthetic results.

Another key advantage of individual abutments is the ability to use backward planning. By designing the restoration with the end result in mind, the abutment and restoration are perfectly aligned, resulting in optimal aesthetic and functional outcomes.



This approach provides a superior starting point compared to standard abutments. It makes individual abutments the perfect choice for clinicians looking to optimize both functionality and aesthetics, offering patients a top-tier implant solution.

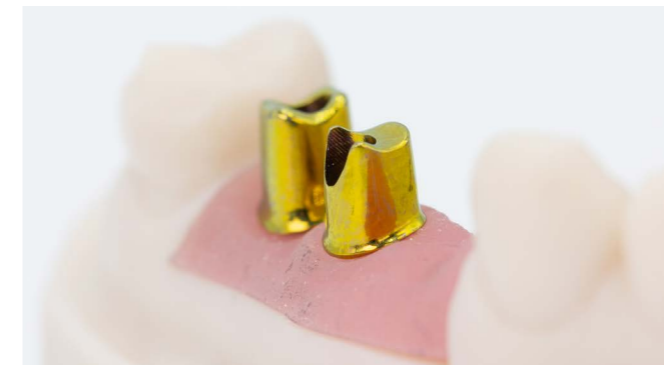


# PROSHAPE ABUTMENTS

## Functionality & Aesthetics

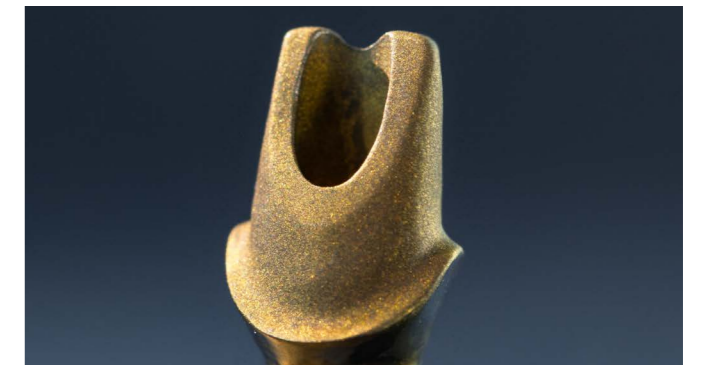
### ANODIZED ABUTMENTS – BIOCOMPATIBILITY AND PERFECT FOUNDATION FOR “PINK & WHITE” AESTHETICS

Our ProShape titanium individual abutments are anodized, offering an excellent combination of biocompatibility and aesthetics, making them the ideal choice for implant restorations in both posterior and aesthetic zones. Anodizing titanium gives the abutment a unique surface treatment, promoting integration with surrounding tissue and minimizing the risk of gingival discoloration.



### BIOCOMPATIBILITY

Anodizing titanium enhances the abutment’s biocompatibility, ensuring better integration with the gingiva and reducing the risk of inflammation or irritation. This not only contributes to healthier tissue but also improves the durability of the implant solution.



### SANDBLASTED SURFACE

The surface of our abutments are sandblasted to promote a more secure connection and enhancing the bond between the abutment and cement. This process also leads to better durability and stability of the implant in general, minimizing the risk of displacement or failure, and ensuring a longer-lasting restoration.



### “PINK & WHITE” AESTHETICS

Our anodized abutments form the perfect foundation for harmonious “pink & white” aesthetics. The subtle coloring of the abutment prevents any gingival show-through, resulting in a more natural and aesthetically pleasing appearance. The abutments also provide a stable and aesthetic base for both the gingiva (“pink”) and the crown (“white”), enhancing the overall visual balance and aesthetic of the implant.

By choosing ProShape, you are opting for a biocompatible solution that elevates both the aesthetics and functionality of your implant restorations.



### OPTIONAL: ORIGINAL CONNECTION ABUTMENT

The original connection abutment is a combination of an Original “pre-milled” abutment which is designed and produced by us.

The pre-milled abutments are constructed in our milling machines. The preformed connection is not touched in this production process, but everything found above the neck of the implant is milled individually based on the patient’s specific design. This offers the best of both worlds; an individually designed abutment, as well as the guarantee of the original-on-original.

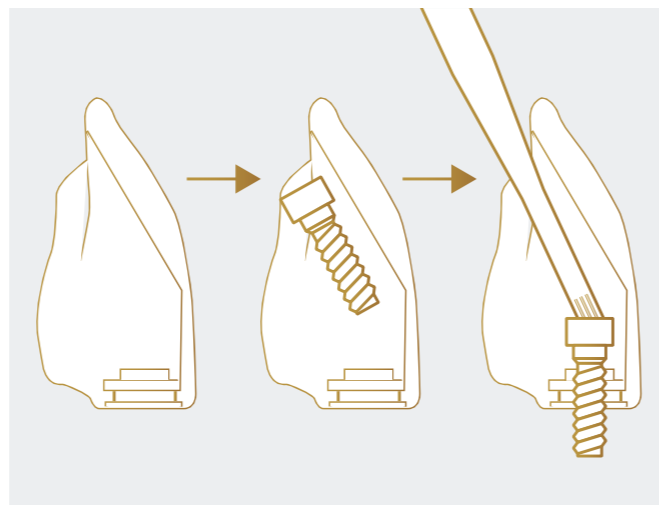
# PROSHAPE ABUTMENTS

## With Angulated Screw Channel

### FLEXIBILITY WITHOUT COMPROMISE

At Modern Dental, we understand that each implant restoration brings its own unique challenges. That's why we offer angulated screw channel abutments. This innovation provides a solution for complex cases where the screw opening cannot be placed in the ideal position. With this abutment, you can correct the screw opening by up to 25 degrees, ensuring optimal positioning and aesthetics.

A major advantage of this angulated screw channel is that it does not affect the quality or aesthetics of the final restoration.



### ONE PRICE, ALL SITUATIONS

We maintain the same price for both standard and angulated screw channel abutments. This means that for any situation, regardless of complexity, you can rely on a high-quality final product without additional costs. This makes ProShape a cost-effective solution for all treatments requiring an angulated screw channel, without compromising on quality or aesthetics.

With ProShape, you can tackle any challenge, knowing you'll receive a perfectly fitting implant, no matter the situation, at the same attractive price.

# PROSHAPE TIN-COATED SCREWS

## The New Standard

### TIN-COATED SCREWS FOR LONG-TERM DURABILITY AND STABILITY

We strive to deliver implant solutions of the highest quality and durability. Therefore, all our prosthetic screws come with a Titanium Nitride (TiN) coating, setting the standard for durability and stability. These TiN-coated screws offer numerous advantages for you as a clinician:



#### 1. PERFECT COMPATIBILITY

Each screw is identical in shape, thread, and connection to the original screws of the implant system. This means that if a screw ever needs to be replaced, it can be effortlessly done with an original screw from the respective implant. This ensures that patients, even when treated by another dentist or in an emergency situation, will not encounter any issues.

#### 2. INCREASED STABILITY

Thanks to the TiN coating, the risk of screws coming loose is significantly reduced. Research shows that the coating helps improve the stability of the screw connection, extending the restoration's lifespan and reducing the risk of complications.

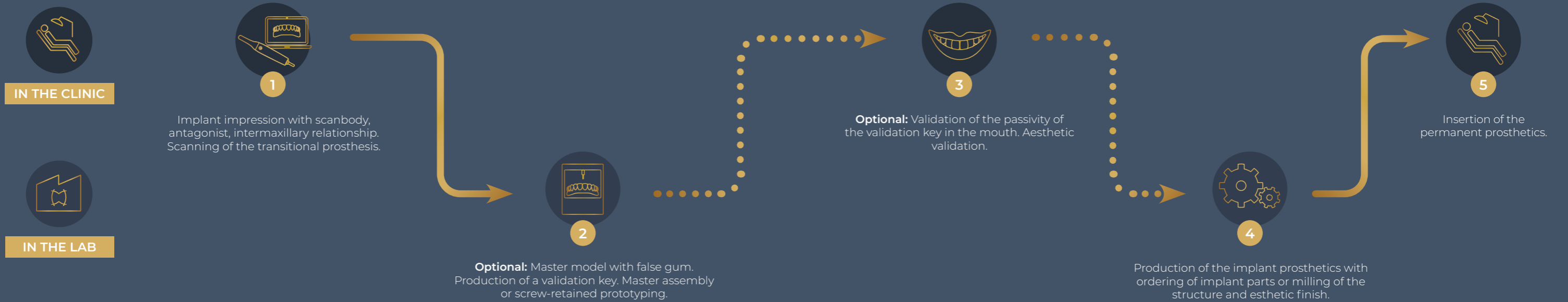
#### 3. USE OF 'LAB SCREWS'

Each ProShape workpiece comes with special 'Lab Screws' for use during the laboratory process. These screws, recognizable by their blue color, ensure that the final TiN-coated clinical screws are only used when placing the restoration in the mouth. This prevents wear on the TiN coating, maintaining the quality for final placement.



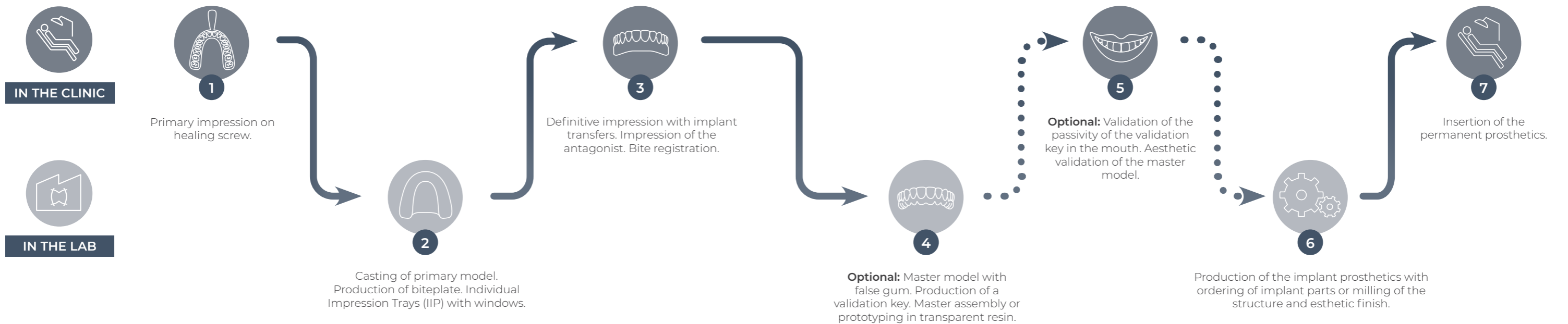
**DIGITAL WORKFLOW**

in **3** to **5** steps



**ANALOGUE WORKFLOW**

in **5** to **7** steps



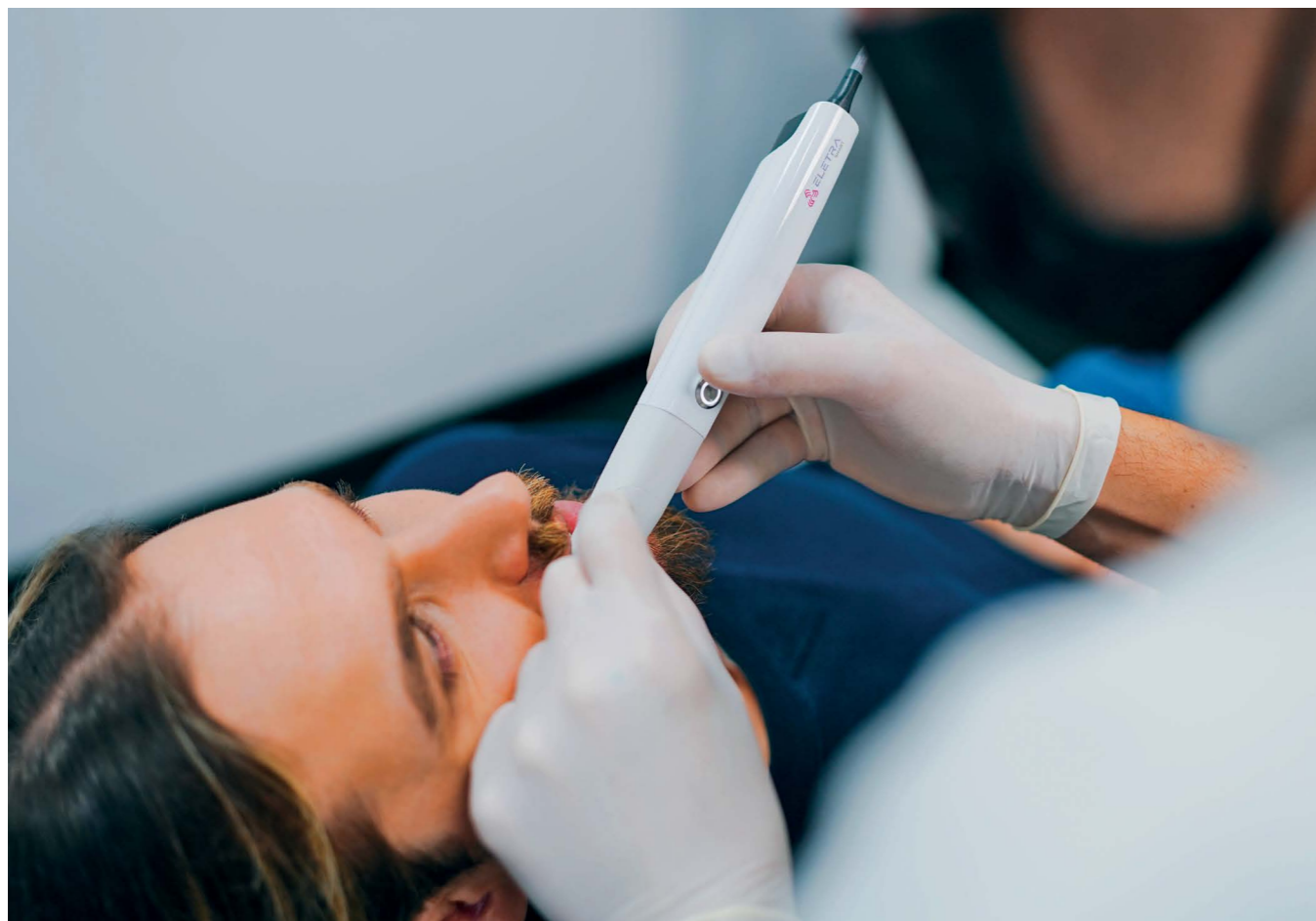
## DIGITAL VS ANALOG IMPRESSIONS

### The Benefits of Our Technology and Scanbodies

You can submit your impressions in the way that best suits your workflow – either digitally or analog. Analog impressions can be sent to us via courier, as usual. This remains a reliable option, but more and more dental professionals are opting for the benefits of digital impressions, where accuracy, speed, and efficiency are key.

#### DIGITAL IMPRESSIONS: FASTER AND MORE ACCURATE

With digital impressions, data can be easily transmitted via your existing scanners. ProShape supports all common digital scanning systems, such as Medit, 3Shape, and Eletra, ensuring seamless integration with our production processes. Using digital impressions offers significant advantages: it eliminates the chance of errors when sending and processing physical models, saves time, and increases the accuracy of the final restoration.



The Start of your Digital Journey

# DIGITAL VS ANALOG IMPRESSIONS

## The Benefits of Our Technology and Scanbodies

### THE IMPORTANCE OF SCANBODIES FOR PRECISE IMPLANTS

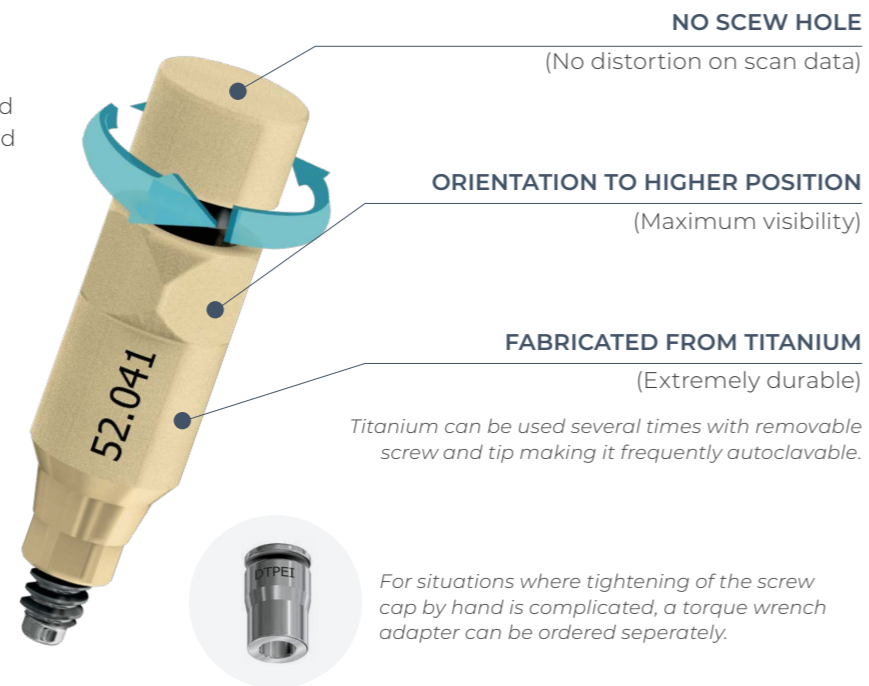
To ensure the highest accuracy of our custom-made abutments and suprastructures, we recommend using our intraoral scanbodies. These scanbodies are made of titanium, can be tightened without a screwdriver, and have no screw hole, preventing distortion in the scan data. This ensures the most precise results when scanning implants.



### Additionally, our scanbodies offer more benefits:

- They can be placed in the mouth without tools, making the workflow simpler and faster.
- Thanks to the use of titanium and the Zr-nitride coating, these scanbodies are resistant to repeated sterilization, making them durable and reliable in any clinical situation.

Whether you choose a digital or analog impression method, with ProShape, you can trust a flawless production process and results of the highest quality. Our advanced technology, combined with precision instruments like our scanbodies, ensures perfect implant solutions every time.



# PROSHAPE QUALITY STANDARDS

## Production Process

### OUR QUALITY STANDARDS – AN UNMATCHED INDUSTRY BENCHMARK

At Modern Dental, quality is at the core of everything we do. The implementation and strict adherence to our QMS (quality management system) is an essential part of our process. This allows us to deliver products globally that meet the highest legal requirements and standards of every market. Our products are certified with the most renowned quality standards, including ISO 13485:2016 for medical devices and ISO 9001:2015 for general quality management. This ensures that every ProShape product meets the highest demands for safety, reliability, and durability.

Our production uses the latest generation of high-precision milling machines, which are also used by leading implant manufacturers. Every product undergoes a carefully controlled quality process, using advanced measuring equipment to guarantee the highest precision and consistency. From raw materials to the finished product, every detail is meticulously monitored to ensure that our customers receive only the best.

With ProShape, you are assured of quality and precision, supported by leading certifications and a commitment to perfection at every step of the production process.



### DESIGN PHASE

Thanks to our large scale, we have a full team of employees for each scanner type who are specialized in making specific types of lab work.



### SOFTWARE

Despite the fact that most manufacturers claim to have “open” systems, practice shows that not all solutions are possible without possessing the specific, appropriate software. We own the software packages of almost all implant manufacturers.



### PRODUCTION

We have the same high-quality milling machines used by well-known implant brands for milling our supra-structures.



### CONTROL AND INSPECTION

Guided by our own scientific research and customer feedback, we continuously improve our product design. Surfaces are now even tighter with the lowest tolerances for a high quality end result.

# PROSHAPE QUALITY STANDARDS

## Sanitizing and Shipping Procedures

### SANITIZING AND SHIPPING PROCEDURES – QUALITY AND SAFETY FIRST

Before your workpiece leaves our lab, it undergoes a careful and thorough sanitizing process. This extensive cleaning process helps reduce the risk of peri-implantitis. By applying this strict sanitization procedure, we ensure the safety and hygiene of every workpiece, so it arrives at your practice in optimal condition.



### PACKAGING LAB SCREW

All lab screws are packaged individually. A transparent sticker with "Lab Screw" is placed on the opening side of the bag to remind that it cannot be used clinically. On the packaging of the workpiece is a sticker labeled "consumable lab screw is in the box".

At ProShape, we take no chances when it comes to the safety and quality of our products. Our sanitizing and shipping process ensures that your workpiece arrives clean, safe, and fully ready for clinical use.



# PROSHAPE QUALITY STANDARDS

## Warranty

We offer robust warranties to ensure you always have a reliable solution:

**15-year warranty on our ProShape titanium abutments and crowns.**

If any issues arise with an implant due to a ProShape product, we handle the warranty negotiations with the implant supplier and arrange a replacement product if necessary, so you have nothing to worry about.

With ProShape, you can trust top-quality products, backed by a solid warranty policy, allowing you to focus entirely on patient care.

– For our full and latest policy, visit our website.







Trees for All

