

»» Passion for
Precision ««



MPS

MULTI PLATFORM SYSTEMS

Medentika®
on Original

 **MEDENTIKA®**
A Straumann Group Brand

Medentika® in a single sentence! Is that possible?

We supply dental technicians, dentists and patients with an attractive system of precise implants and durable abutments that are compatible with all popular implant systems at competitive prices.

Admittedly, the sentence is a little long, but it does convey the idea behind our innovative company. Regardless of which implants from leading manufacturers that individual patients already have, dentists and dental technicians still usually require a range of products in order to be able to work safely, comfortably and efficiently. Medentika® products are compatible not only with the systems of all major manufacturers, but they are also

much more affordable – even though we manufacture all products in Germany and Switzerland and take the job satisfaction of our employees into consideration. In future, dentists will be able to use our system to treat their patients efficiently, safely and quickly. Dental technicians no longer need to look over numerous catalogs and store countless product ranges. One catalog, one range and one contact partner are usually sufficient.



OUR PRIME OBJECTIVE IS FAIR COOPERATION. WE HAVE FOLLOWED THIS PRINCIPLE SINCE MEDENTIKA® WAS FORMED, AND WE WILL CONTINUE TO FORM PARTNERSHIPS IN FUTURE: ON AN EQUAL FOOTING, IN A SPIRIT OF OPENNESS AND COMPLETE TRANSPARENCY.

Anyone who works with Medentika® will soon realize that we are team players. A team that has been pooling its combined expertise and experience since the company was founded, and that is passionately dedicated to perfecting products day in, day out.

But before we start, let us speak frankly: In everything we do, our main aim is to offer you freedom of choice with a transparent pricing policy. That is exactly what you can expect from us and what you will also receive. You always have a choice: Do you want to commit yourself to one system? Or are you ready for an alternative, one that is always compatible, extremely precise and also economically competitive?

We produce extremely precise and durable abutments in-house that are compatible with all systems of the major manufacturers, and also offer four of our own implant systems. We do this at the highest technical level so that we are able to offer long-term solutions. By this, we mean not just our precision parts, but also our mutual business relations, your economic advantages and, ultimately the health and well-being of patients.

Am I on the safe side legally when using Medentika® products?

Medentika® prosthetic components and abutments allow users to be flexible in implant prosthetics and cater to all popular systems. This facilitates treatment, particularly in the case of patients with different implants.

The legal situation is explained by Dr. Karl-Heinz Schnieder, attorney specialist in medical law.

§ IMPLANT BRIDGES OR INDIVIDUAL ABUTMENTS ADAPTED TO VARIOUS IMPLANT SYSTEMS WITH MATCHING CONNECTION GEOMETRIES FACILITATE TREATMENT.

WHAT SHOULD DENTISTS CONSIDER WHEN COMBINING PRODUCTS?

The crucial factor is to identify what products the individual system parts may be combined with according to CE certification, the so-called "intended purpose" of the respective manufacturers. This decides whether, and if so with what other products, the implant component may be combined. If the combination is approved by the notified body and provided with the CE marking, then it poses no legal risk to the user.

In the event of a claim, an expert opinion must prove that complications only arose as a result of the connection of the implant and abutment element. Users can find the intended purpose in the instructions for use. Provided they observe the intended purpose, dentists can fully exploit the treatment options of new, flexible implant solutions in their practice.



As the co-owner of kwm, a law firm focusing on commercial and medical law, Dr. Karl-Heinz Schnieder helps dentists and laboratories deal with legal issues.

The attorney specializing in medical law and visiting lecturer at the Universities of Münster and SRH Hamm was formerly Head of the Law Division at the Westphalia-Lippe Association of Panel Dentists and is familiar with the legal stumbling blocks in everyday practice.

§ DOES THE RISK FOR DENTISTS INCREASE IF THEY COMBINE IMPLANT COMPONENTS FROM DIFFERENT MANUFACTURERS? WHO IS LIABLE FOR WHAT IN THE EVENT OF A CLAIM?

No, the legal risk for dentists is not greater if they combine components from different manufacturers which are approved for that purpose. The following basically applies: Every manufacturer is responsible for defects in their products. This also applies if these are combined with other components. If a supplier recommends a combination that is not covered by

the CE certification, then that supplier is liable for damages according to a judgment of the Frankfurt District Court. Dentists are liable if they combine products contrary to the manufacturer's instructions or recommend a treatment measure to their patients that is outside the scope of the intended purpose and damage occurs as a result.

§ DO DENTISTS BECOME THE MANUFACTURER, ACCORDING TO THE GERMAN MEDICAL DEVICES ACT, IF THEY COMBINE IMPLANT COMPONENTS FROM DIFFERENT MANUFACTURERS?

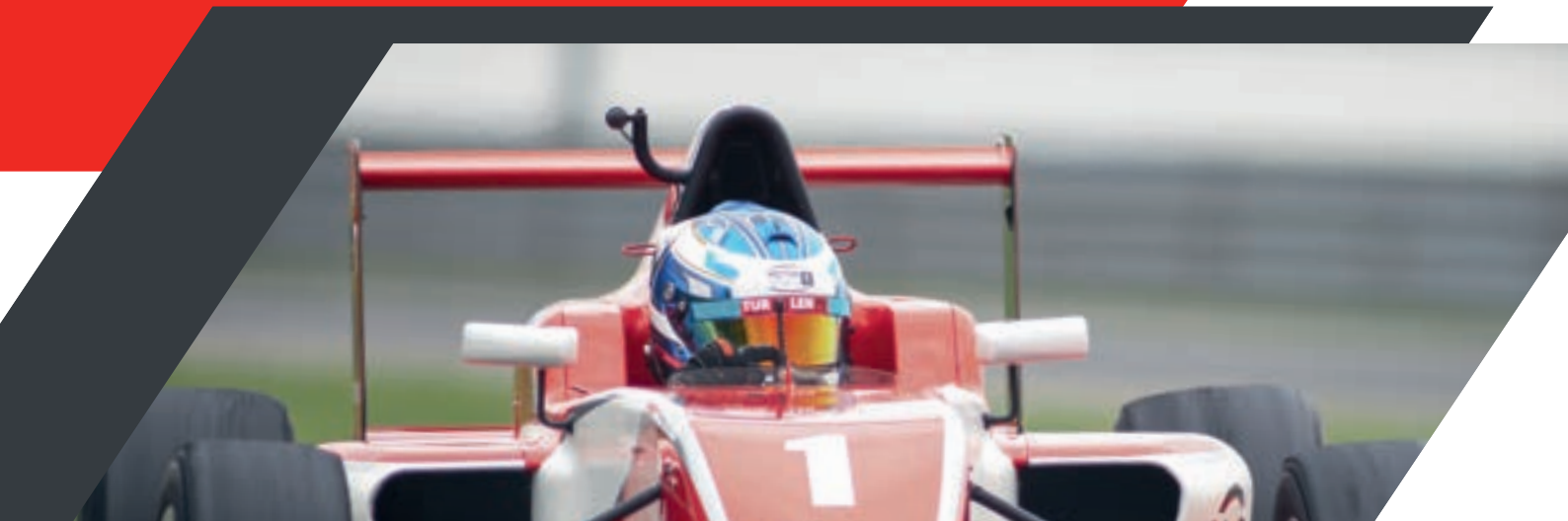
Dentists always become the manufacturer if they combine individual components with one another, regardless of whether these originate from different manufacturers or not. In other words, dentists become the manufacturer, according to the German Medical Devices Act, if they: combine original implants with original abutments, or if they combine original

implants with Medentika® abutments. So it does not matter whether the components to be combined all originate from a single manufacturer or from several manufacturers. The only important criterion is that the respective products are allowed to be combined according to the CE certification and intended purpose.

We supply compatible refinements

The word "original" comes from Latin and means "earliest" or "source".

So an original is a prototype from which something emerges and evolves – our Original 2.0.



We consider originals as a challenge. It would be pointless and not very inspiring simply to copy an existing product or system. Originals need to be improved and perfected, otherwise we would still be using rotary dial telephones rather than smartphones. Our aim at Medentika® is to deliver refined compatible products. To this end, we analyze the constructions and material qualities of individual manufacturers, take account of the practical experience of users and, wherever possible, adapt the design. If necessary, we refine the mechanical properties in our production facilities and guarantee full compatibility and precision.

This is how our Original 2.0 came into being. Our quality standards are high. Nevertheless, we can often manufacture our products more economically than other manufacturers. We pass on this price saving to our customers. This may sound surprising, but our success has proved us right:

To date, more than 3 million Medentika® abutments have already been sold worldwide. Our product range is now distributed in over 50 countries. We are open and value our many cooperation partnerships with renowned major dental companies.

A picture is worth a thousand words.
See for yourself and take a critical look at what
characterizes a Medentika® Original.

Quality is demonstrated most clearly in a direct comparison – and we love transparency. For this reason we have prepared cross-sectional images of both our abutments and those of the original manufacturers. The images show design and manufacturing features that enable direct comparisons to be made.

These CT-based comparisons show that we do not simply copy, but refine, whenever possible and appropriate.

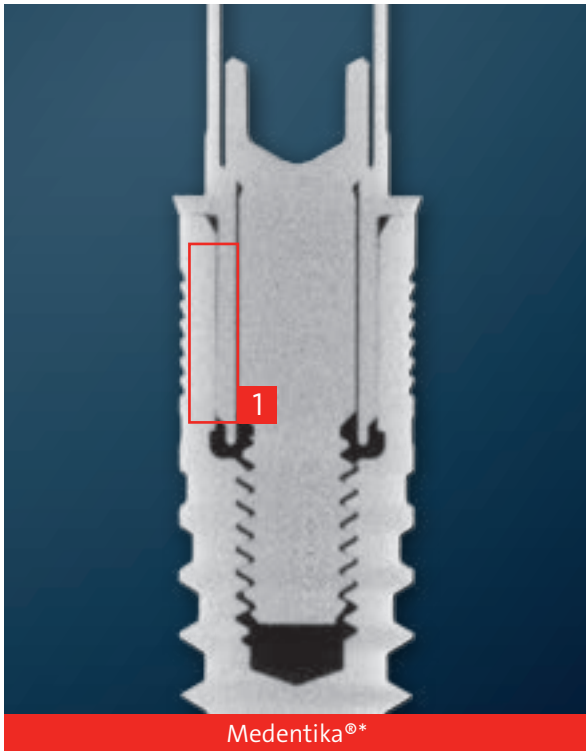
What does precision in detail mean?



Discover for yourself:

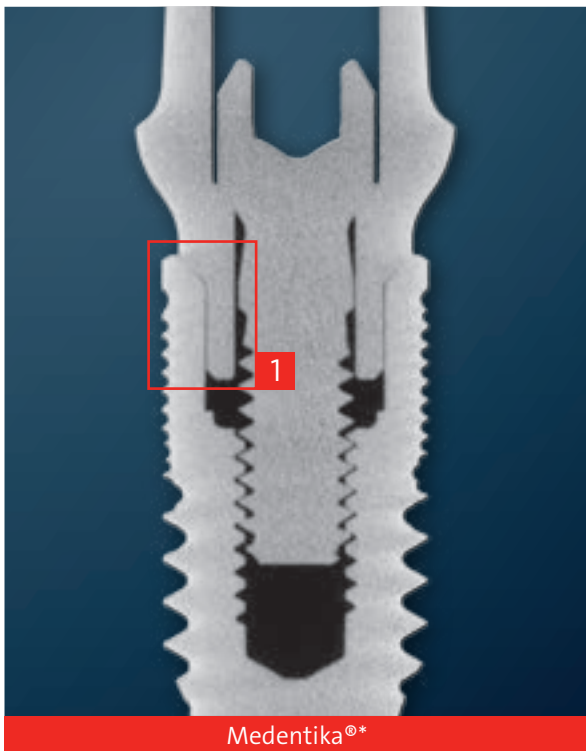
The following pages show the original implants. On the left with the fitted Medentika® abutment and on the right with the abutment of the respective original manufacturer. What do you think?

B-SERIES compatible with Bredent Medical/SKY®



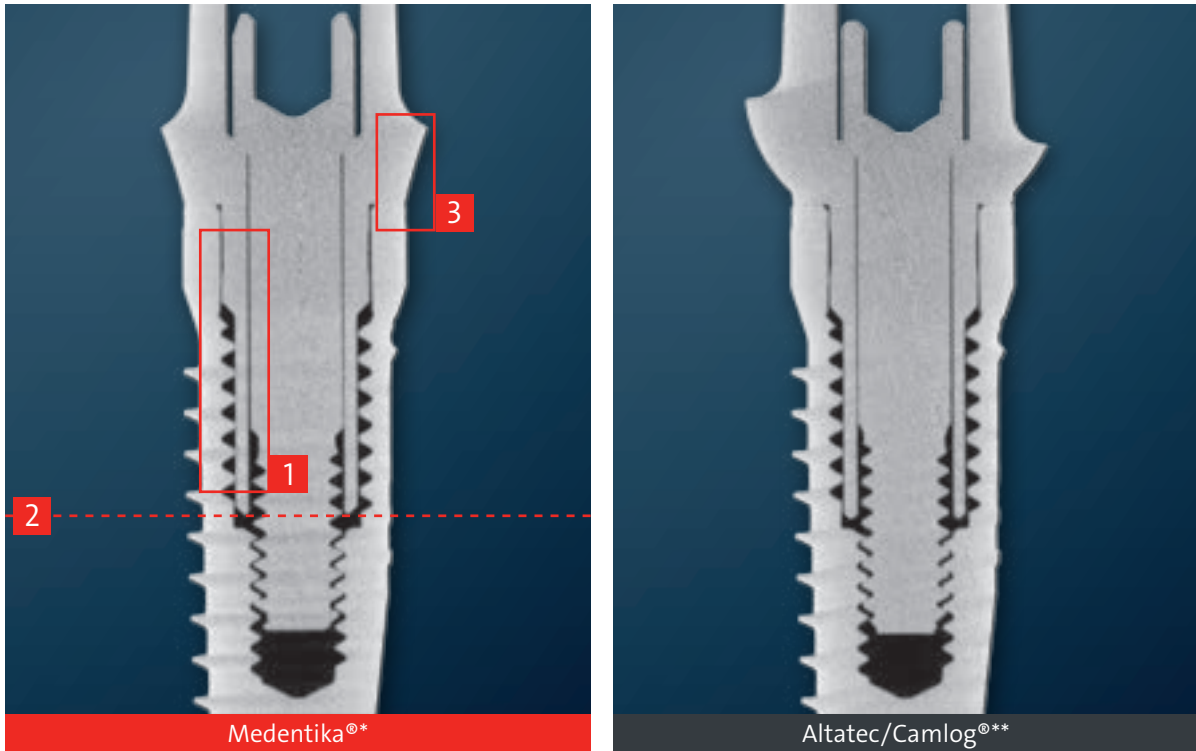
- 1 Low gap dimensions on the primary segments of the abutment interface ensure less relative movement between the implant and abutment. This reduces the stress on the abutment screw and micro-pump effect of the system. The shorter abutment screw finally stabilizes the abutment with respect to horizontal forces.

BS-SERIES compatible with BEGO Implant Systems/Semados® S/SC/SCX/RS/R SX/RI



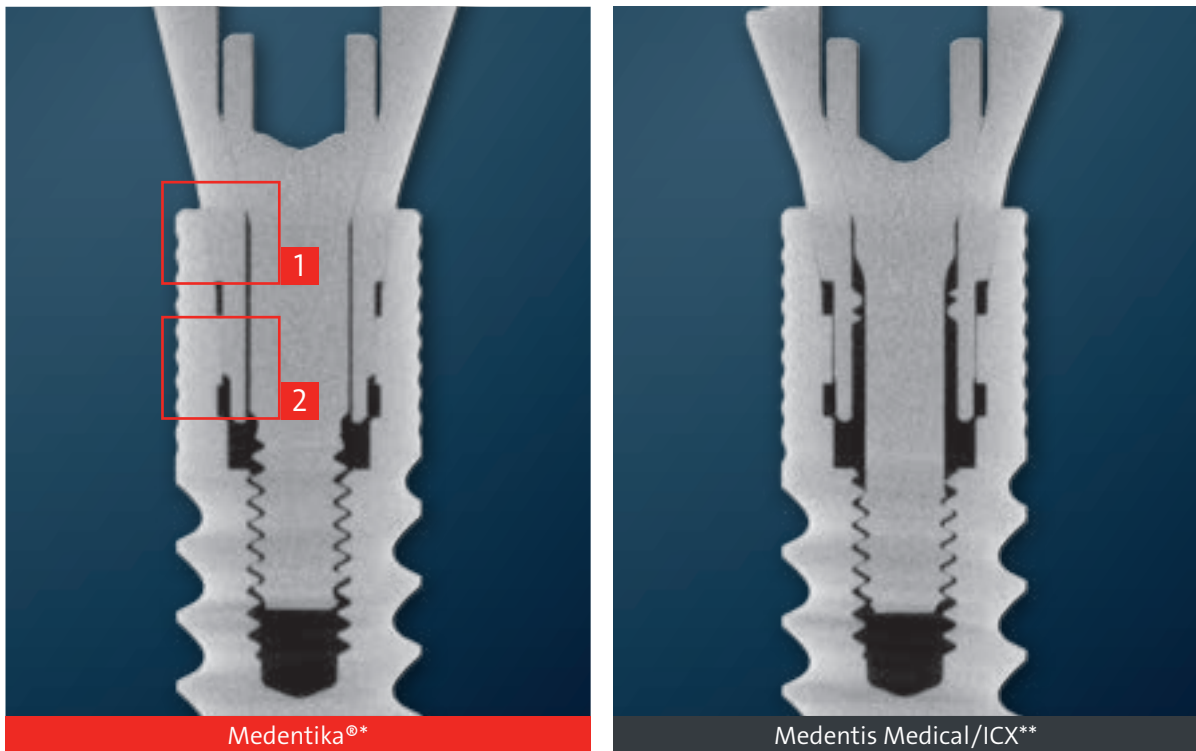
- 1 A precisely manufactured conical section ensures extensive surface contact on the implant cone. A hex in the implant with reduced gap dimension ensures minimum rotation and axial stabilization.

C-SERIES compatible with Altatec/Camlog®



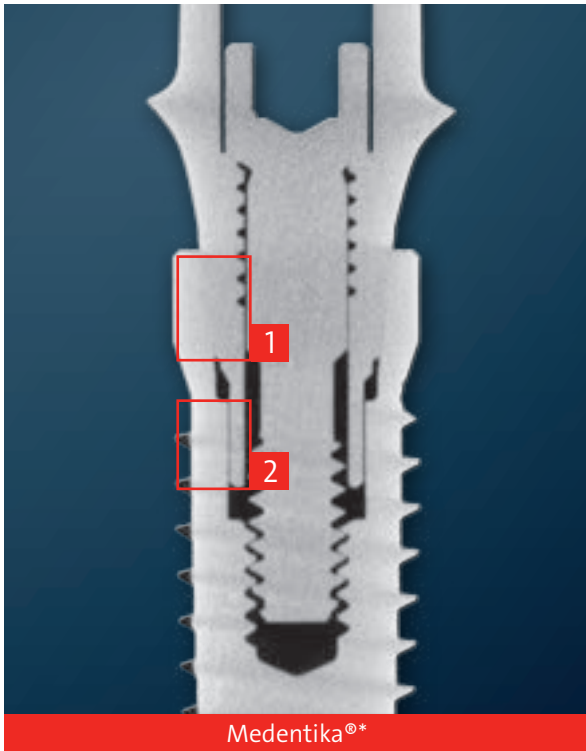
- 1 Gap dimensions on the preliminary tube segment comparable with Original.
- 2 Vertical transmission of the tube segment comparable with Original.
- 3 Emergence profile optimized to support the gums.

CX-SERIES compatible with Medentis Medical/ICX



- 1 High-precision manufactured conical section in terms of full-surface contact in the vertical extension.
- 2 Reduced gap dimensions on the preliminary connection ensure stable absorption of the horizontal forces acting on the abutment.

D-SERIES compatible with Altatec/Conelog®



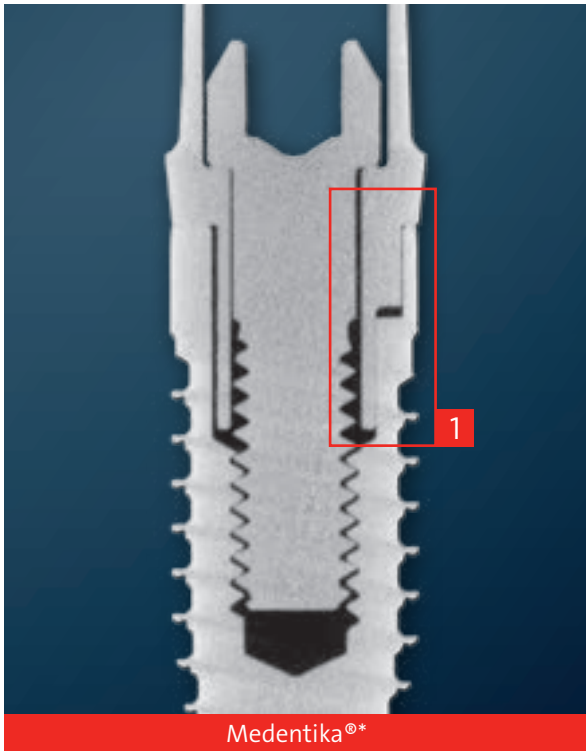
- 1 Very precise conical fit and gap dimensions on the preliminary tube segment comparable with Original.
- 2 Vertical transmission of the tube segment comparable with Original.

DT-SERIES compatible with Dentium/SuperLine, Implantium; Implantium II



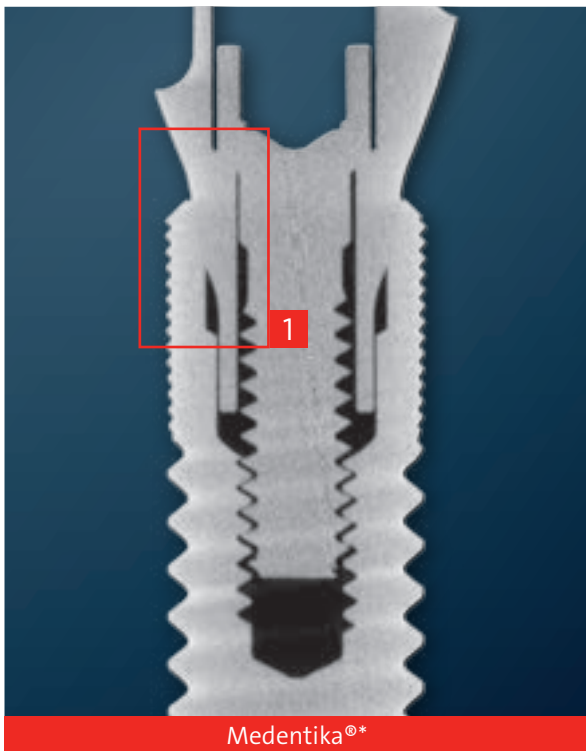
- 1 A precisely manufactured conical section ensures extensive surface contact on the implant cone. A hex in the implant with the smallest possible gap dimension ensures minimum rotation and axial stabilization.

E-SERIES compatible with Nobel Biocare®/NobelReplace® Tapered



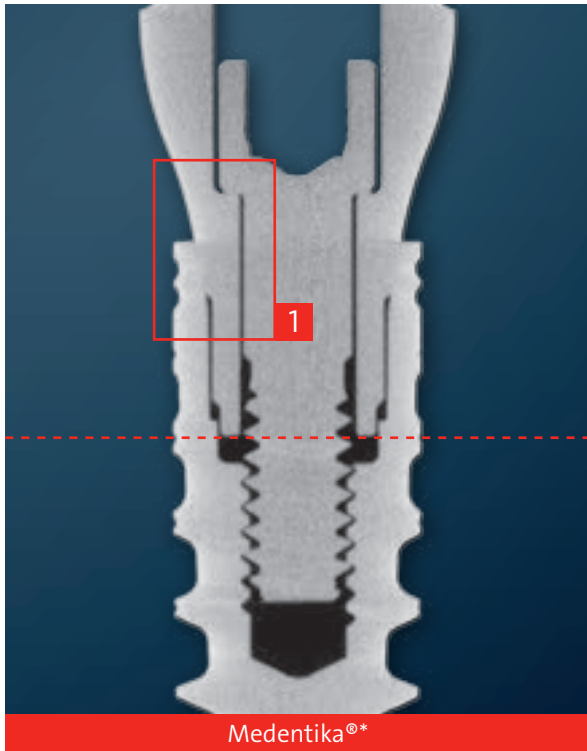
- 1 Reduced gap dimensions on the primary cylindrical segments ensure less relative movement between the implant and abutment. This reduces the stress on the abutment screw and micro-pump effect of the system.

EV-SERIES compatible with DENTSPLY Implants/ASTRA TECH OsseoSpeed® EV



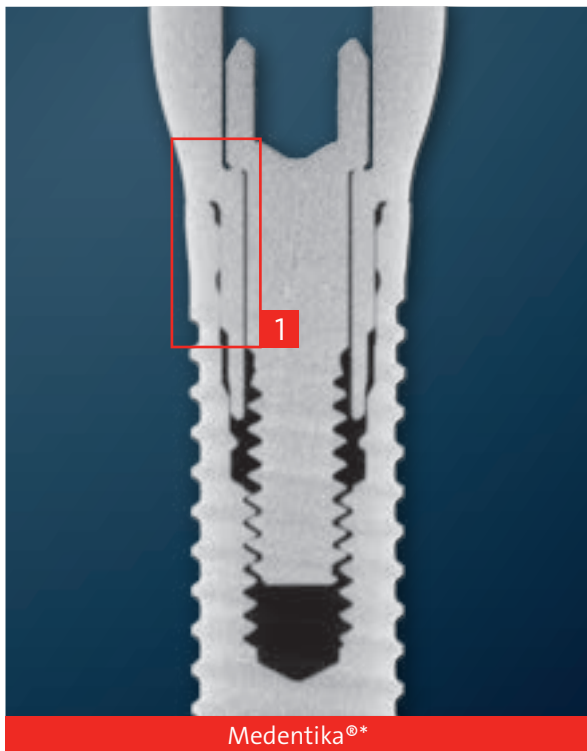
- 1 Very precise conical fit with deeper transmission in the conical section.

F-SERIES compatible with Nobel Biocare®/NobelActive®/NobelReplace® Conical



1 A precisely manufactured conical section ensures extensive surface contact on the implant cone. A hex in the implant with the smallest possible gap dimension ensures minimum rotation. The deeper insertion geometry promotes axial stabilization. A solid screw shank finally stabilizes the abutment with respect to horizontal forces.

H-SERIES compatible with BIOMET 3i/Certain®



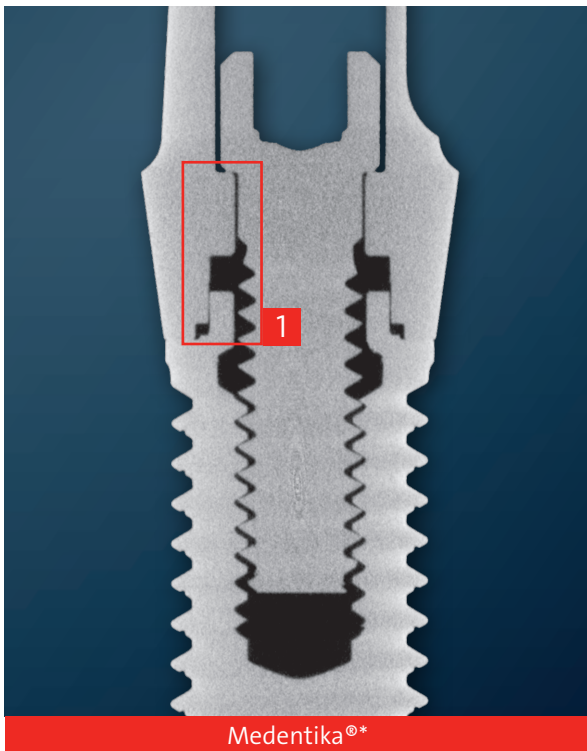
1 Low gap dimensions on the primary segments of the abutment interface ensure less relative movement between the implant and abutment. The larger contact surface of the screw head reduces the stress on the screw and stabilizes the abutment with respect to horizontal forces.

I-SERIES compatible with BIOMET 3i/Certain®



1 A hex in the abutment with reduced gap dimension ensures minimum rotation.

K-SERIES compatible with Nobel Biocare®/Brånemark System®



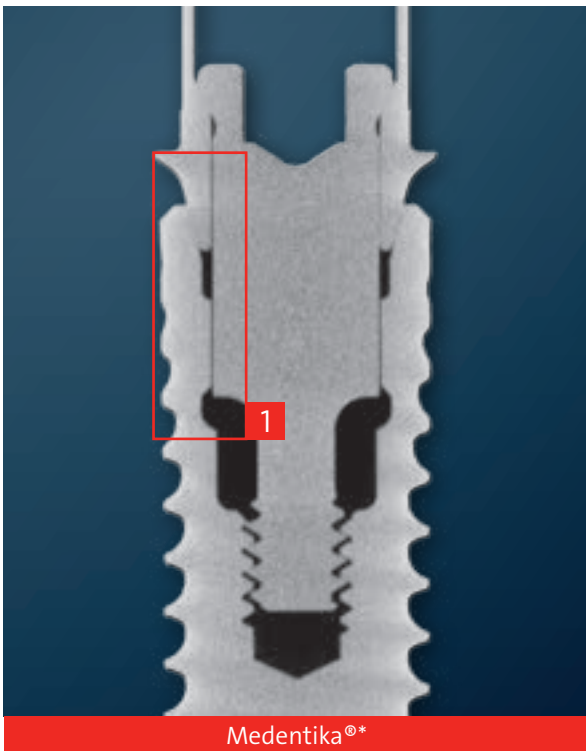
1 A hex in the abutment with reduced gap dimension ensures minimum rotation.
A more solid screw shank finally stabilizes the abutment with respect to horizontal forces.

L-SERIES compatible with Straumann®/Bone Level



1 A high-precision manufactured conical section ensures extensive surface contact. Low gap dimensions in the cylindrical element ensure high axial stability with respect to horizontal forces.

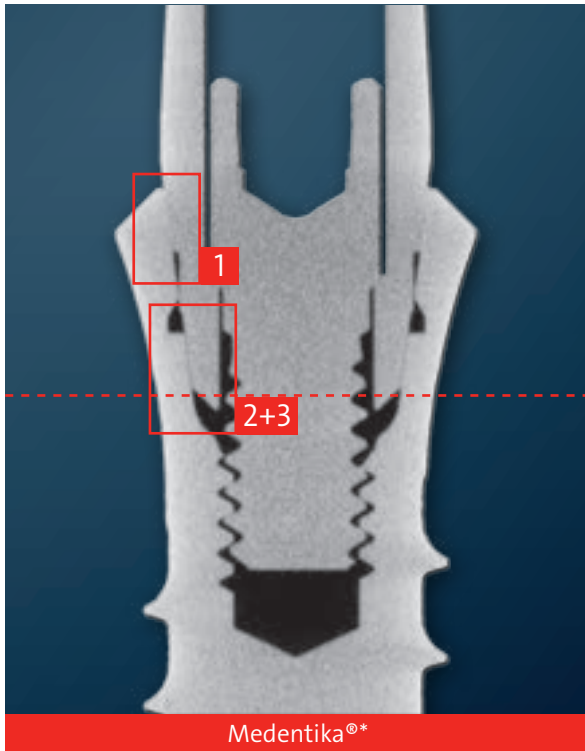
L-SERIES, rotating compatible with Straumann®/Bone Level



1 The special screw design stabilizes the abutment deep into the implant connection, thereby increasing axial stability.

N-SERIES

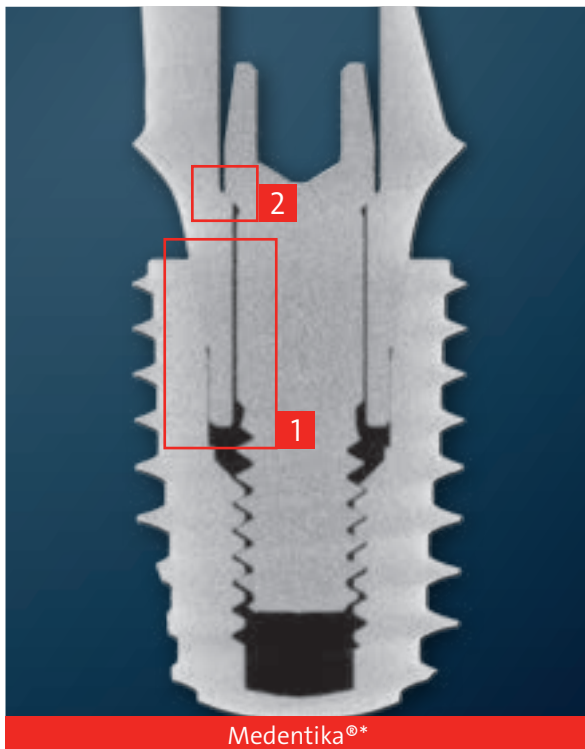
compatible with Straumann®/Tissue Level



- 1 The conical fit is very precise over the entire length.
- 2+3 Conical surface contact is also extensive and significantly deeper in the deep conical segment. This results in considerably deeper transmission of the acting forces to the implant.

OT-SERIES

compatible with OSSTEM Implant TS-System/HiOssen Implant® ET-System/T-Plus Implant Tech A+ Implant, ST Implant



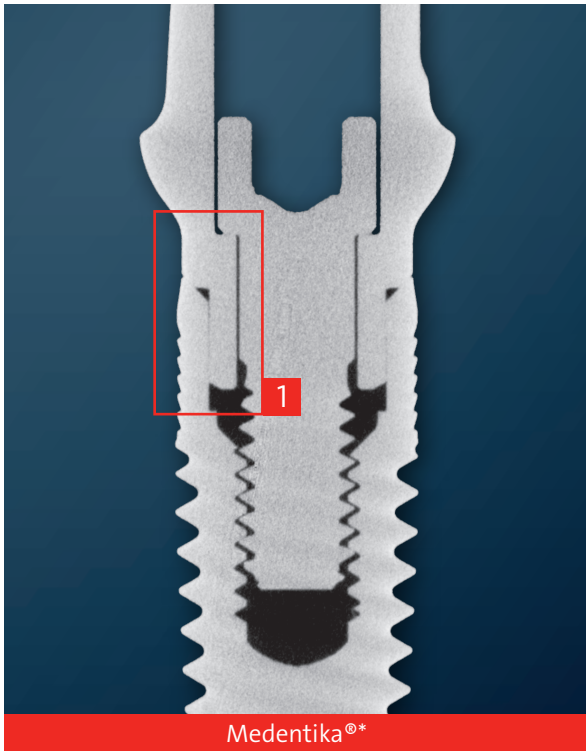
- 1 A precisely manufactured conical section ensures extensive surface contact on the implant cone. A hex in the implant with low gap dimension ensures minimum rotation and axial stabilization.
- 2 The precise contact surface of the screw head reduces the stress on the screw and stabilizes the abutment with respect to horizontal forces.

* All Medentika® abutments are displayed with the original implant from the manufacturer.

** All original implants are shown with original abutments from the respective manufacturer.

R-SERIES

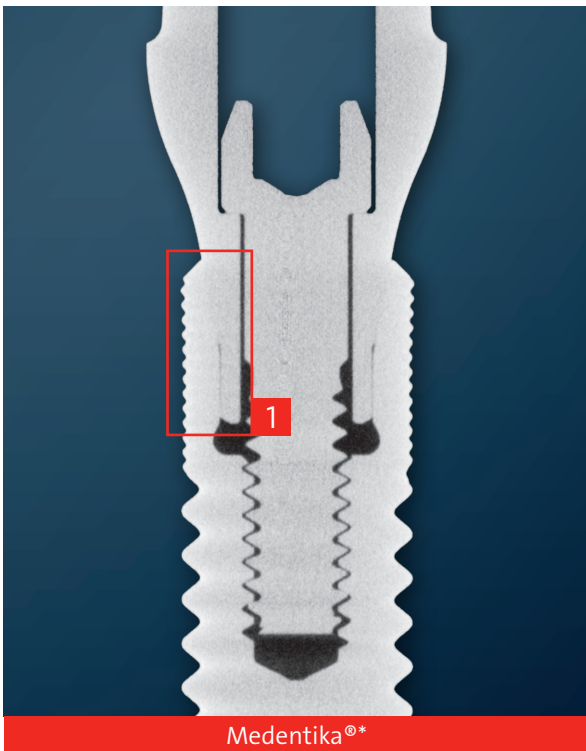
compatible with Zimmer Dental Tapered Screw-Vent® / MIS SEVEN Internal Hex / BioHorizons Tapered Internal / Tapered Internal Plus / Tapered Tissue Level



1 A hex in the implant with reduced gap dimension ensures minimum rotation. A shorter screw with a more solid screw shank finally stabilizes the abutment with respect to horizontal forces.

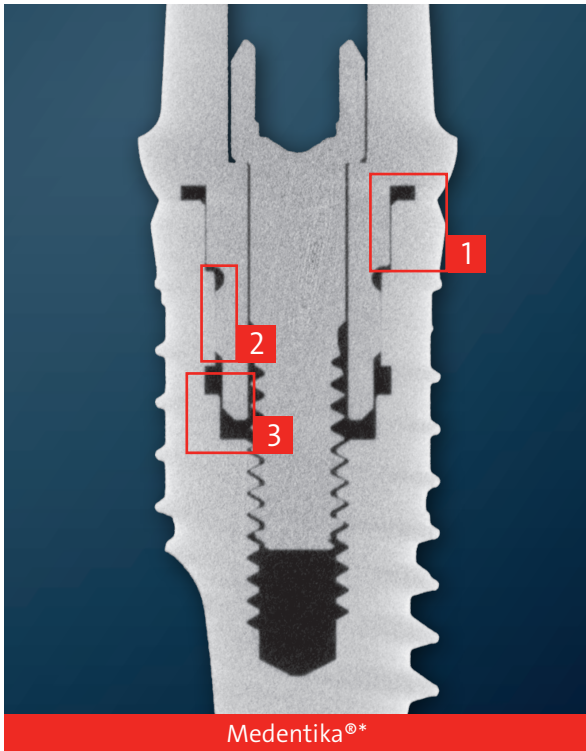
S-SERIES

compatible with DENTSPLY SIRONA ASTRA TECH OsseoSpeed® TX



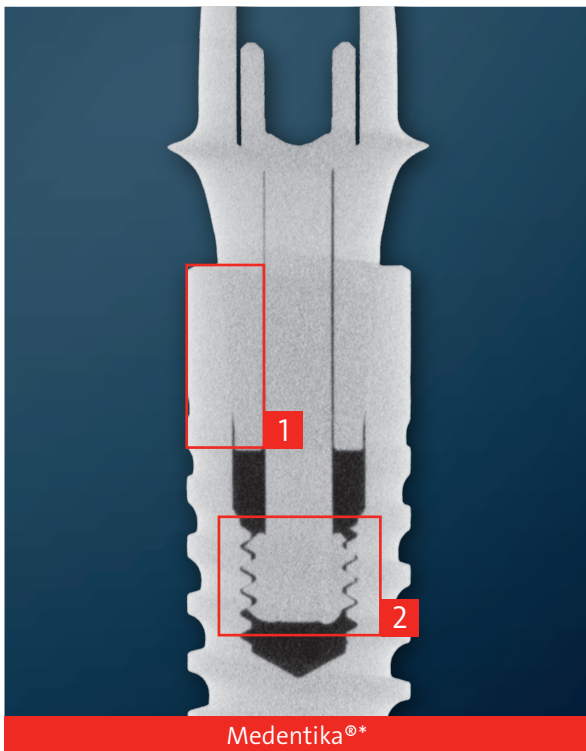
1 A precisely manufactured conical section ensures extensive surface contact on the implant cone. A hex in the implant with reduced gap dimension ensures minimum rotation.

T-SERIES compatible with DENTSPLY SIRONA XiVE® S



- 1 Precisely manufactured contact surface of the abutment on the implant shoulder. The gap dimension in the first cylindrical segment is reduced with deeper transmission.
- 2 A hex in the implant with reduced gap dimension ensures minimum rotation.
- 3 The second segment is inserted more deeply. The overall result: reduced relative movements between implant and abutment, thereby reducing stresses on the abutment screw.

Y-SERIES compatible with DENTSPLY SIRONA ANKYLOS® C/X



- 1 A precisely manufactured conical section ensures extensive surface contact on the implant cone.
- 2 Very precisely manufactured and welded threaded sleeve on the screw shank.



We test units and components manufactured by us on our own test equipment.

Why? Because we want to be sure of delivering a level of quality that you can rely on.

We only deliver products that have been developed and manufactured according to our quality standards.



MADE IN GERMANY

At our production site, our team works according to an established, consistent and validated protocol. All titanium and stainless steel components from Medentika® are exclusively manufactured at a location in Baden-Württemberg that is traditionally known for its precision engineering and attention to detail.

Selected components are manufactured by a highly specialized precision company in Switzerland.

Are there guarantees?

YES, LIFETIME

Anyone who works with materials from Medentika® is in safe hands. We don't just provide a lifetime guarantee that covers the Medentika® products manufactured and supplied by us, we also extend this guarantee to cover implants from other manufacturers when they are used in a combination approved by us.

This extended guarantee primarily takes effect if other manufacturers limit the guarantee for their implant as soon as it has been combined with an abutment from Medentika®.

LEBENS-LANGE GARANTIE

LIFETIME GUARANTEE

GARANTIE À VIE



You can find our guarantee conditions on our website www.medentika.com



Is all titanium the same?

No. The right quality is crucial.

And for our abutments we only use cold-formed Grade 5 titanium (Grade 5 CF). This material has a higher tensile strength than conventional Grade 5 titanium.





What is the price of precision?

Anyone who works with Medentika® products can expect a well-balanced price-performance ratio – in combination with ingenuity and precision.

But in addition to the economic aspects, we are also concerned with the ecological and social effects of our activities.

We are only satisfied when we achieve the best possible results from our production process. We also measure our products against criteria such as environmental and social compatibility.

These values are as important to us as the satisfaction of our employees and moral dealings, including from an economic standpoint.

We primarily believe in the power of our ideas and our innovative strength.

The Medentika® label means more than just an implant component.

We deliver knowledge and experience, together with our zeal, perfectionism and passion. Ultimately, you receive a Medentika® Original component manufactured with maximum precision from an extremely comprehensive prosthetic range.

We realize that our customers are professionals, dental technicians and dentists, who all have their own specific needs.

We listen to you, because you deserve to be heard, and will continue to listen until we have understood what is important to you. Our customers and their patients play a vital role in everything we do. We pay attention to quality so that you can concentrate on what you do best.

We are certified according to: DIN EN ISO 13485
Medical Devices Directive 93/42/EEC

CE0483



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