

●●● Made in Germany



Implant System Hexagon

› the root of dental success

radix ›
Implants & Biomaterials

The new radix Implant System Hexagon

› Benefit from the latest in dental implant research and practice:

We combine the best of the world’s leading implant systems. You will receive excellent quality with easy handling at exceptionally attractive prices. The radix Hexagon Implant System covers a wide range of applications and allows you to make high-quality implants accessible to a larger clientele of patients. Selection and application are optimally matched to the requirements in dental practice.

We develop and manufacture our implants from first-class materials exclusively in Germany in order to meet the highest quality standards. Our value creation chain combines innovative design with state-of-the-art testing and manufacturing processes.

radix stands for transparency, good advice and quality. Made in Germany.

radix – German quality in his best shape

- › The latest in dental implant research and practice

› Bone Level and Tissue Level Implants Made in Germany

› Perfect primary and secondary stability

› Dimensional stability of titanium components through shot blasting

› Hexagon socket for safe and flexible positioning of the abutments in the implant

› Stable screw-cone connection for even load distribution and anti-rotation safety

› Also suitable for single-stage surgical procedures
- › Self-tapping screw implant with compression thread and micro thread in the upper region for optimal protection of the crestal jawbone

› Initial high bone-to-implant contact for rapid osseointegration due to special surface treatment

› Ideal restorative flexibility and long-term mechanical stability

› Homogeneous surface structure

› Determined roughness: 1.5 +/- 0.5 µp

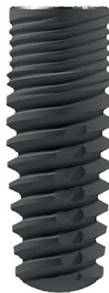
› Clean by Design: no corundum impacts on the surface

› No residues from blasting agents

Safety made to measure

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R - Bone Level Implant



	Ø 3,3 mm	3,75 mm	4,2 mm	5 mm
Length				
6.0 mm			R-BL13	R-BL19
8.0 mm	R-BL02	R-BL08	R-BL14	R-BL20
10.0 mm	R-BL03	R-BL09	R-BL15	R-BL21
11.5 mm	R-BL04	R-BL10	R-BL16	R-BL22
13.0 mm	R-BL05	R-BL11	R-BL17	R-BL23
16.0 mm	R-BL06	R-BL12	R-BL18	R-BL24
Article				

R - Tissue Level Implant



	Ø 3,3 mm	3,75 mm	4,2 mm	5 mm
Length				
6.0 mm			R-TL13	R-TL19
8.0 mm	R-TL02	R-TL08	R-TL14	R-TL20
10.0 mm	R-TL03	R-TL09	R-TL15	R-TL21
11.5 mm	R-TL04	R-TL10	R-TL16	R-TL22
13.0 mm	R-TL05	R-TL11	R-TL17	R-TL23
16.0 mm	R-TL06	R-TL12	R-TL18	R-TL24
Article				

radix – Bone Level Implant



➤ Usability in complex aesthetic cases is well predictable.

Implant without supracrestal elements and which is completely sunk into bone level. For one- and two-stage implant placement. If hard and/or soft tissue have to be augmented. Preferred in the anterior and premolar region – e.g. with a high smile line and thin gingiva.

Abutments 0°, 15° und 25°

3 prosthetic heights

Connection via internal hex

Platform switching

4-fold micro-thread

cylindrical area

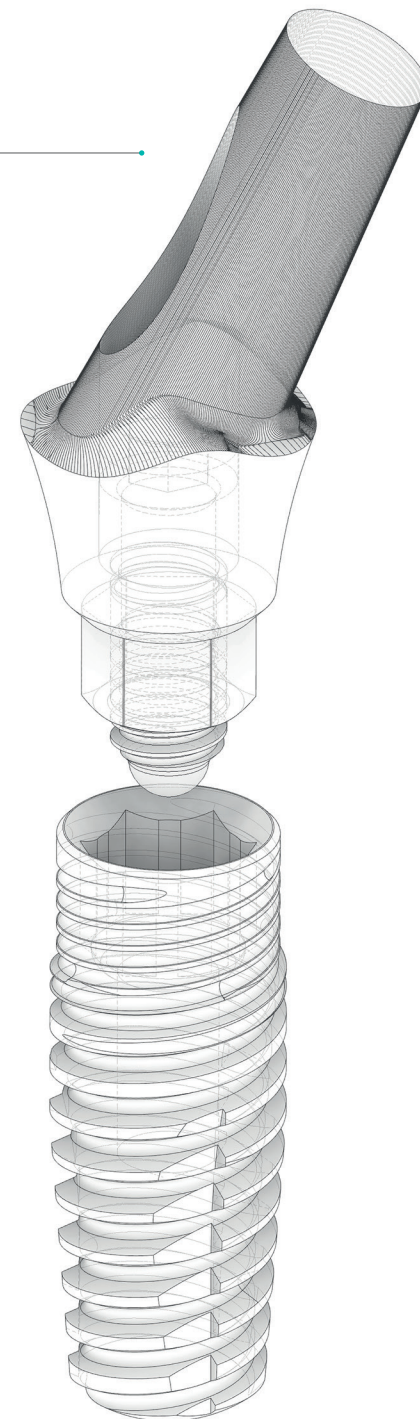
Compression thread
for bone condensation

surface blasted and etched

conical area

3 notches

rounded tip



radix – Tissue Level Implant

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➤ Well suited for hybrid prosthetics.

With implant shoulder that extends a few millimetres above bone level and contributes directly to soft tissue formation. Also suitable for single-stage implant placement. Especially in the posterior region to bridge large vertical and horizontal dimensions.

Abutments 0°, 15° und 25°

Connection via internal hex

4-fold micro-thread

cylindrical area

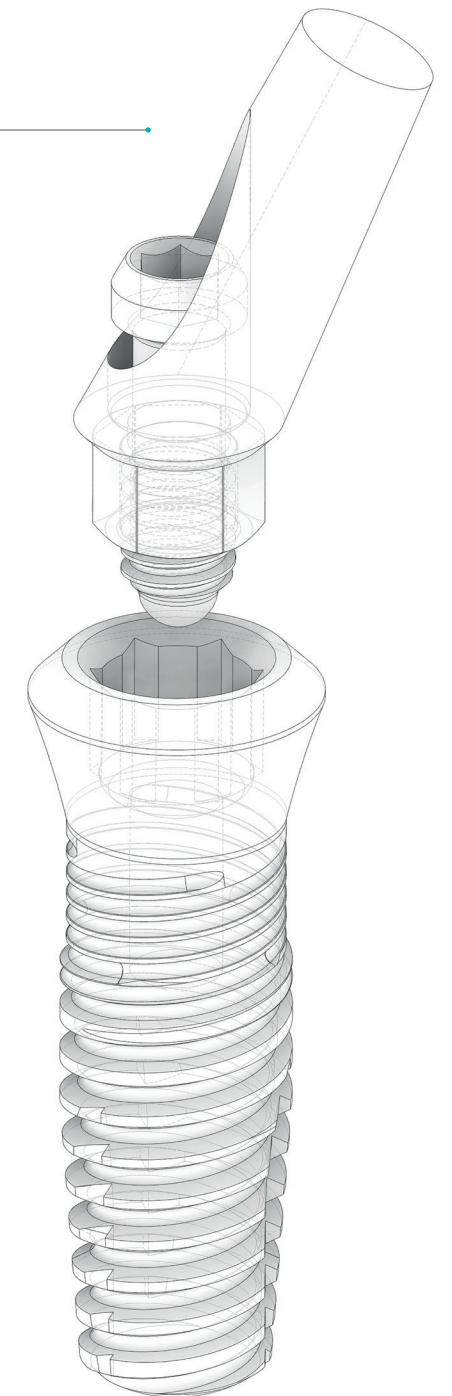
Compression thread
for bone condensation

surface blasted and etched

conical area

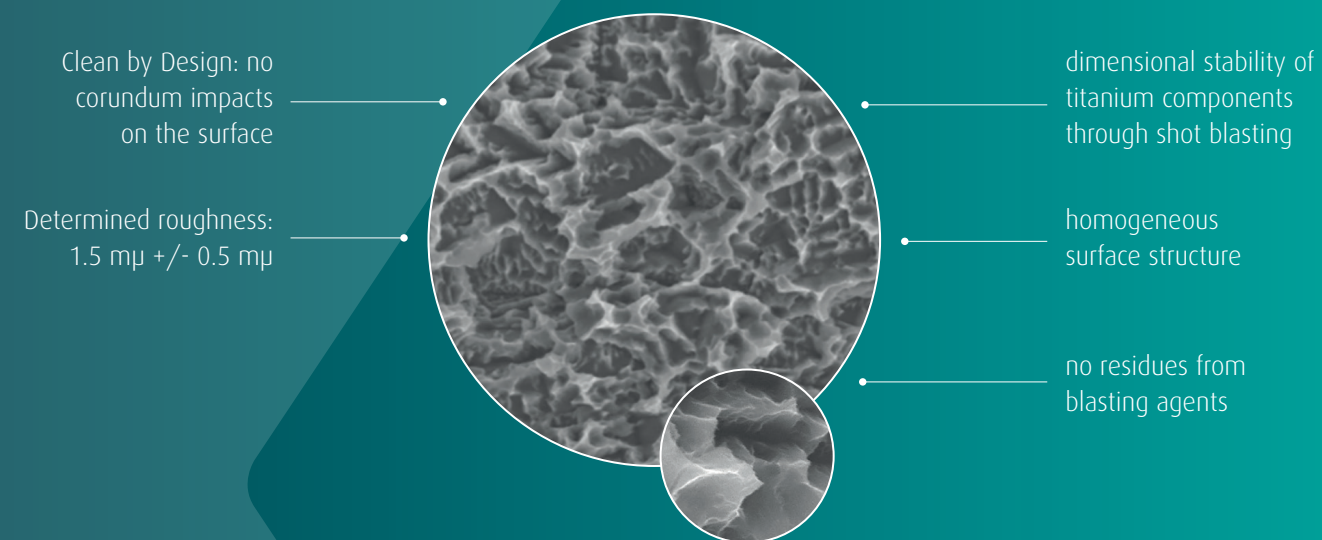
3 notches

rounded tip

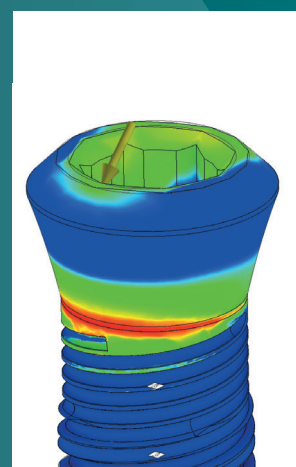


Grade 4 titanium surfaces

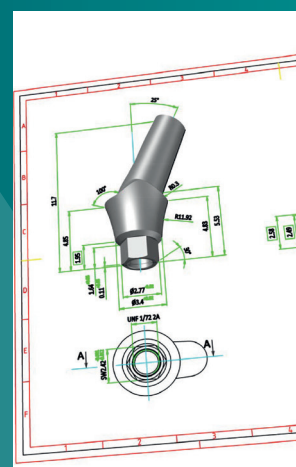
› The radix implants are first gently conditioned with zirconium oxide particles. Then they are structured through acid treatment. The implants are treated according to validated processes. Grade 4 titanium is an inert biocompatible material that is roughened on the surface to support osseointegration of the implant.



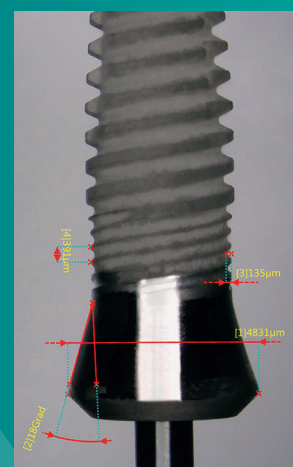
Quality in detail Made in Germany



› Finite-Element-Calculation



› Three-dimensional construction

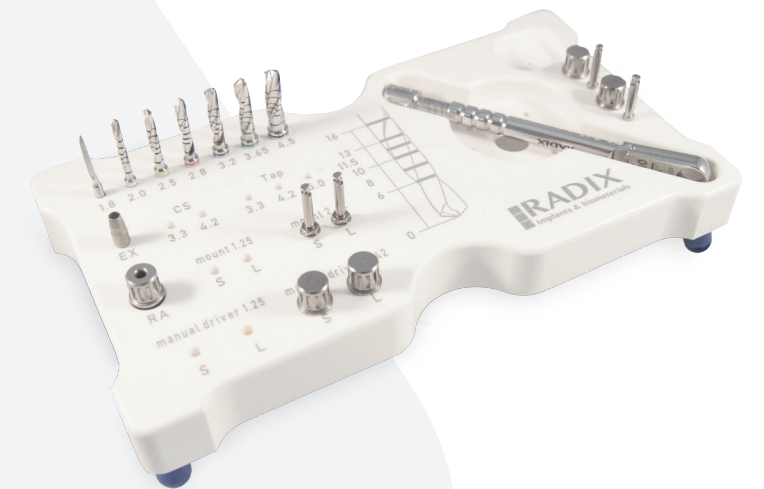


› Measurement

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radix instrument set

- › The result of decades of experience and development - Made in Germany
- › Optimum cutting performance | low vibration | excellent durability | outstanding precision
- › Validated cleaning in accordance with DIN EN ISO 17664
- › Depth markings: 6/8/10/11.5/13/16 mm
- › Drill depth stop with 4 lengths



radix storage box

- › The portable storage box – handy, clearly arranged
- › Secure instrument fixation
- › Clear user guidance during the surgical procedure
- › Easy cleaning, disinfection and sterilisation according to MDD
- › For all steam sterilisation processes under vacuum (121 °C and 134 °C)
- › For low temperature sterilisation with gas, H2O2 and H2O2 plasma





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