

ICX-DIAMOND[®]

THE NEW DENTAL IMPLANT BY MEDENTIS MEDICAL.

LIQUID

We don't know any
stronger Ø 3.3 Implant
than ICX-DIAMOND!
Made of Giga-Titanium.

GIGA-TITANIUM. =
Pure titanium grade 4KV,
with 1,100 MPa.³

CALL US -
WE REACT IMMEDIATELY:

Alexander Scholz
ICX-Expert
and founder medentis medical

BE SMART. BE ICX.

medentis
medical

Discover the ICX Difference: A Completely New Experience

Dear Sir or Madam!

*introducing our new ICX-DIAMOND® implant line:
What does it offer you and your practice?*

You can now access our proven and successful ICX implants – ICX-PREMIUM® and ICX-ACTIVE MASTER® – in an even higher quality for both you and your patients.
We have taken our "best" and made it even better!



ALEXANDER SCHOLZ
CEO, shareholder
and founder
medentis medical



ICX-DIAMOND® implants combine the advantages of technically pure titanium with the strength of Ti 6Al-4V ELI.

For our ICX-DIAMOND® implants, we use the combination of strength and excellent biocompatibility found in pure titanium grade 4KV.

ICX-DIAMOND® implants also have a hydrophilic and microstructured surface that will convince you as a user.

Additionally, ICX-DIAMOND® implants feature a hydrophilic and microstructured surface that is sure to impress users. *All ICX-DIAMOND® implants are available in a range of lengths and diameters.*



Switch to ICX-DIAMOND®

ICX-DIAMOND®

THE NEW DENTAL IMPLANT BY MEDENTIS MEDICAL.

LIQUID

ICX-DIAMOND
im ICX-Shop!



Don't settle for anything less!

www.medentis.de - Service phone: +49 (0)2641 9110-0 - Mon.-Fri.: 7.30 a.m. to 7 p.m.

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We don't know any stronger Ø3.3 implant than
ICX-DIAMOND[®]

Overview of static load results ICX-DIAMOND^{®A} Implant 3.3
according to standard DIN EN ISO 14801

Test number	^A ICX-DIAMOND [®] Implant 3.3 (Lot: 102129) Art. No: ACM-001-330125 ICX [®] Abutment Art. No: N-007-020402 Titanium Grade 5 (Lot: 2022000486)
Test 01	630 N
Test 02	647 N
Test 03	635 N

The 14801 standard describes the static (breaking load) loading of implants.
For this purpose, the implant/abutment specimens are loaded to fracture in a universal testing machine (DynaMess).

Machine type: 2-column testing machine/servopneumatic Manufacturer: Dyna-Mess Prüfsysteme GmbH, 52222 Stolberg Test date ICX-Diamond[®]: 01.03.23 - Name of tester: Evgin Bugdaci - Job title: Dipl.-Ing. - Testing location: 53474 Bad Neuenahr-Ahrweiler-Germany

A: medentis medical/ICX-DIAMOND[®] is a registered trademark and/or trademark of medentis medical GmbH, Walporzheim, GER.
data on file.

Titanium Grade	Tensile strength
Pure titanium grade 4 KV all ICX premium implants ¹⁾	843 MPa
All ICX-DIAMOND [®] implants are made of Giga-Titanium ^{2/3)} Giga-Titanium = Pure Titanium grade 4KV, with 1,100 MPa..	≥ 1.100 MPa

Tensile strength refers to the maximum mechanical tensile stress with which a specimen can be loaded in a tensile test.

1) Mean values of the batches used in 2012 for ICX premium implants.

Data deposited in files.

2) Values ICX-DIAMOND[®] Giga-Titanium deposited in: medentis specification

3) Definition of Giga-Titanium: Pure Titanium Grade 4KV 1.100 MPa.

Source data for mechanical and chemical properties: ISO 5832-3

Which system **offers you more?**



*Our new ICX-DIAMOND[®] implants
are available in a pack of 6 -
freely selectable for you! Just ask us!*



THE NEW ICX GOLD STANDARD
FROM MEDENTIS MEDICAL.

ICX-DIAMOND[®]

THE NEW DENTAL IMPLANT BY MEDENTIS MEDICAL.

LIQUID

THE PROPERTIES OF ICX-DIAMOND[®]:

- More tensile strength than implants made of standard titanium grade 4KV.
- Chemically pure titanium
- Positive influence on material fatigue
- Desired ICX microroughness
- Hydrophilic and microstructured implant surface.



We don't know any stronger Ø3.3 implant than
ICX-DIAMOND[®]

Change or call us –
we will name surgeons
in your area who work
with ICX-Diamond[®]!

More information about
ICX-DIAMOND
in the ICX Shop!

