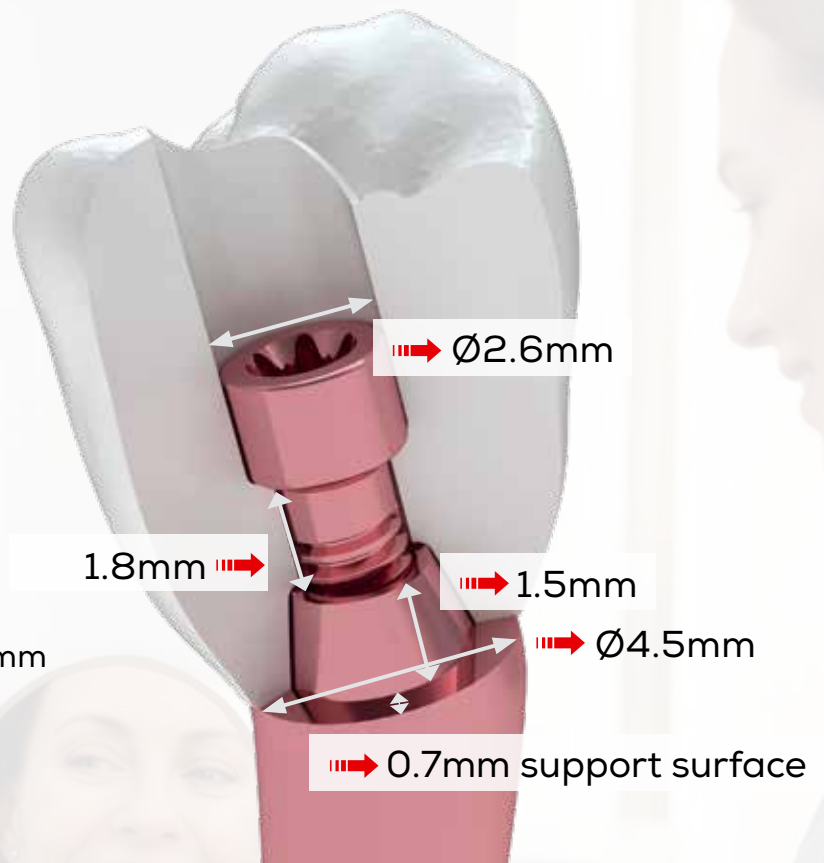


ICX

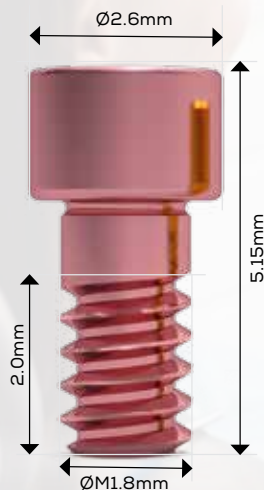
THE FAIR
PREMIUM
IMPLANT-
SYSTEM.

THE NEW ICX-MULTI-CERAMO ABUTMENTS

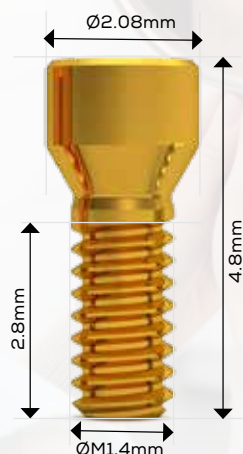
The new solution for
**DIRECTLY screw-retained
ceramic abutments** for
ALL-ON-ICX concepts,
implant-supported
restorations and more.



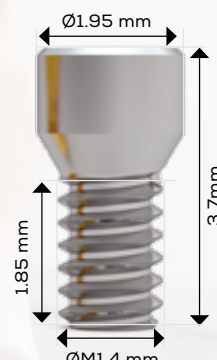
→ Gingival heights from 1.5 to 5.5 mm



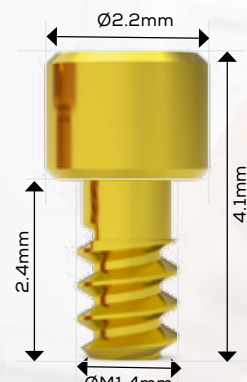
→ ICX-MULTI CERAMO



→ ICX-MULTI DELTA



→ ICX-MULTI CLASSIC



→ Competitors

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ICX-MULTI-CERAMO ABUTMENTS

The new solution for
DIRECTLY screw-retained ceramic abutments



THE FIRST ICX-MULTI-CERAMO ABUTMENT – SPECIALLY DESIGNED FOR CAD/CAM-MANUFACTURED MONOLITHIC CERAMICS

THE PROBLEM – STANDARD MULTI-UNITS ARE NOT SUFFICIENT

Standard multi-unit abutments were developed for metal-based frameworks – not for ceramics. Competitors have simply fitted a new screw onto an existing, outdated abutment design.

Result: Optimised emergence profile? Sufficient wall thickness for ceramic? Risk of ceramic fracture?

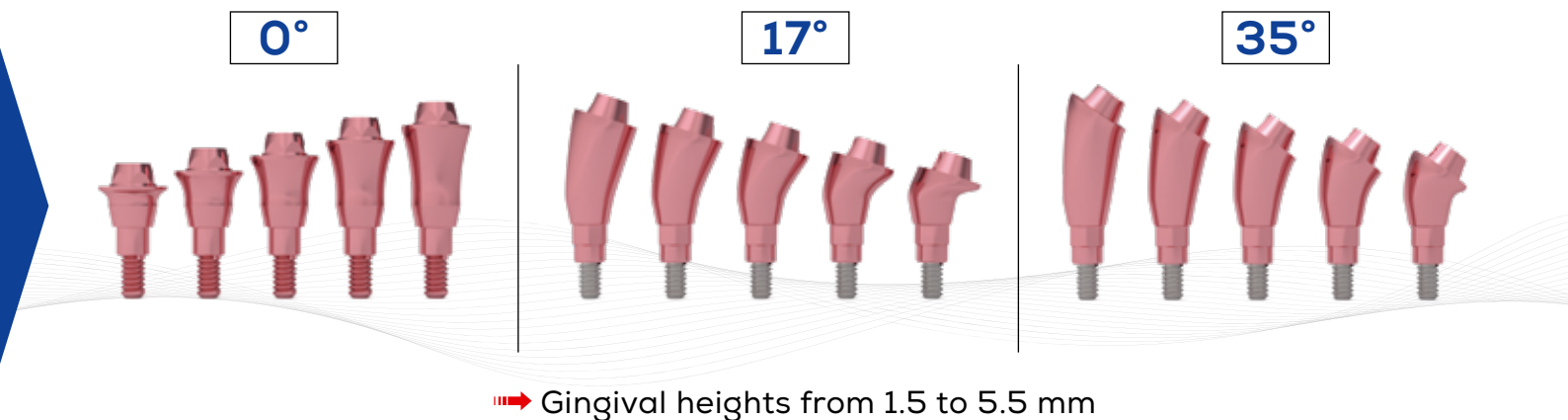
A NEW SCREW ON AN OLD DESIGN ≠ INNOVATION?

THE SOLUTION – ICX-MULTI-CERAMO

No modification – a completely new development specifically for CAD/CAM-fabricated monolithic crowns and bridges.

- ➔ Optimised, slender emergence profile for perfect ceramic aesthetics.
- ➔ Angled screw channel to prevent visible screw access holes in the ceramic.
- ➔ Six abutment heights (1.5–5.5 mm) for flexible soft tissue management.

THE FIRST ICX MULTI-CERAMO SYSTEM IN WHICH EVERY COMPONENT HAS BEEN SPECIALLY DEVELOPED FOR CERAMICS.



ICX-CERAMO
in our shop!!



ICX-MULTI-CERAMO ABUTMENTS

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BENEFITS OF ICX-MULTI-CERAMO ABUTMENTS

CLINICAL BENEFITS THAT MATTER

- ➔ Axial correction of up to 35° in total – resolves even complex implant divergences.
- ➔ Screw-retained = Hygiene and access for inspection without damaging the restoration.
- ➔ M1.8 screw – 73% greater cross-sectional area than M1.4 for maximum preload and fatigue strength.

MAXIMUM CLINICAL FLEXIBILITY WITH CERAMIC AESTHETICS – WITHOUT COMPROMISE.

DESIGNED FOR THE MODERN DIGITAL LAB

- ➔ 100% compatible with CAD/CAM workflows..
- ➔ Dedicated slim scan base for precise digital impressions.
- ➔ Standardised components ensure reproducible results every time.
- ➔ Simplified fabrication of screw-retained monolithic zirconia or lithium disilicate restorations.

FROM SCAN TO FINAL RESTORATION – A SEAMLESS DIGITAL WORKFLOW.

A COMPLETE SYSTEM

CORE COMPONENTS

Multi-unit abutments: Ø3.3 mm + standard (Ø3.45 – 4.8 mm)

Angles: 0° / 17° / 35°

Gingival heights: 0.25 mm (BL) – 5.5 mm

PROSTHETIC ACCESSORIES

Screws: Ceramic screw & prosthetic screws

Digital workflow: Scan bases, model analogues

Clinical instruments: Impression posts, protective caps, insertion tool

Flex Caps: +30° for extreme cases



**A COMPREHENSIVE PORTFOLIO –
NO MISSING COMPONENTS, NO COMPROMISES.**

ICX-MULTI-CERAMO ABUTMENTS

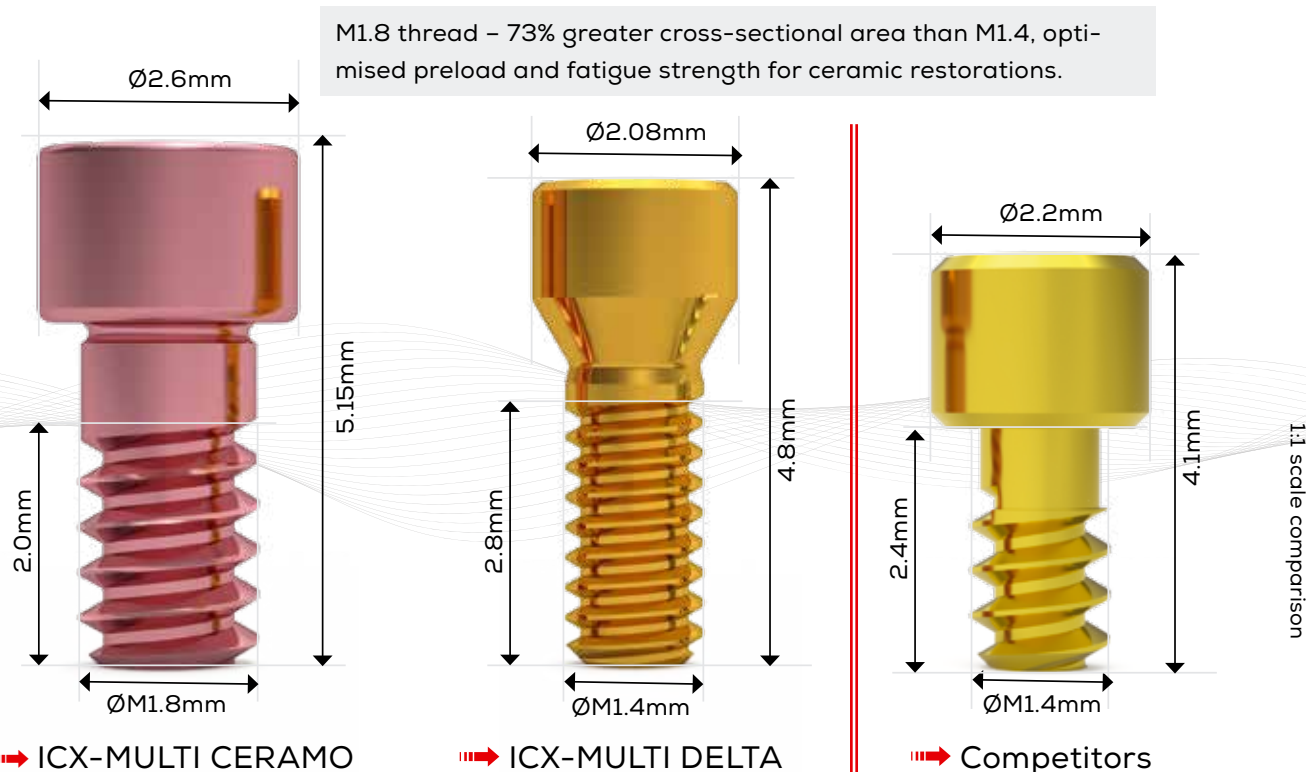
ICX-MULTI-CERAMO ABUTMENTS

The new solution for
DIRECTLY screw-retained ceramic abutments



SCREW THREAD COMPARISON – WHY M1.8 IS CRUCIAL

The connecting screw between the ceramic bridge and the Multi-Unit abutment is crucial for long-term stability. **ICX-Multi-Ceramo uses a significantly larger M1.8 thread** – here is a comparison:



WHY A LARGER THREAD DIAMETER IS CRUCIAL FOR CERAMICS

PARAMETERS	ICX M1.8	STANDARD M1.4	Δ
Stress cross-section	1.70 mm²	0.98 mm ²	+73%
Max. tensile force (Ti-6Al-4V)	1.616 N	934 N	+73%
Thread flank area	10.41 mm²	6.78 mm ²	+54%
Screw head contact area	2.17 mm²	1.39 mm ²	+56%
Screw head diameter	Ø 2.60 mm	Ø 2.08 mm	+25%
Screw length	5.15 mm	4.10 mm	+12%

Calculations based on Ti-6Al-4V ($\sigma = 950$ MPa). Thread geometry in accordance with ISO 261. Source: Technical drawing by medentis medical.

- ➔ A larger thread contact area distributes occlusal forces more evenly
- ➔ Higher preload force – reduces the risk of screw loosening under ceramic storations
- ➔ Superior fatigue strength – crucial for rigid ceramic materials that do not bend like metal frameworks

ICX-MULTI-CERAMO ABUTMENTS

The new solution for
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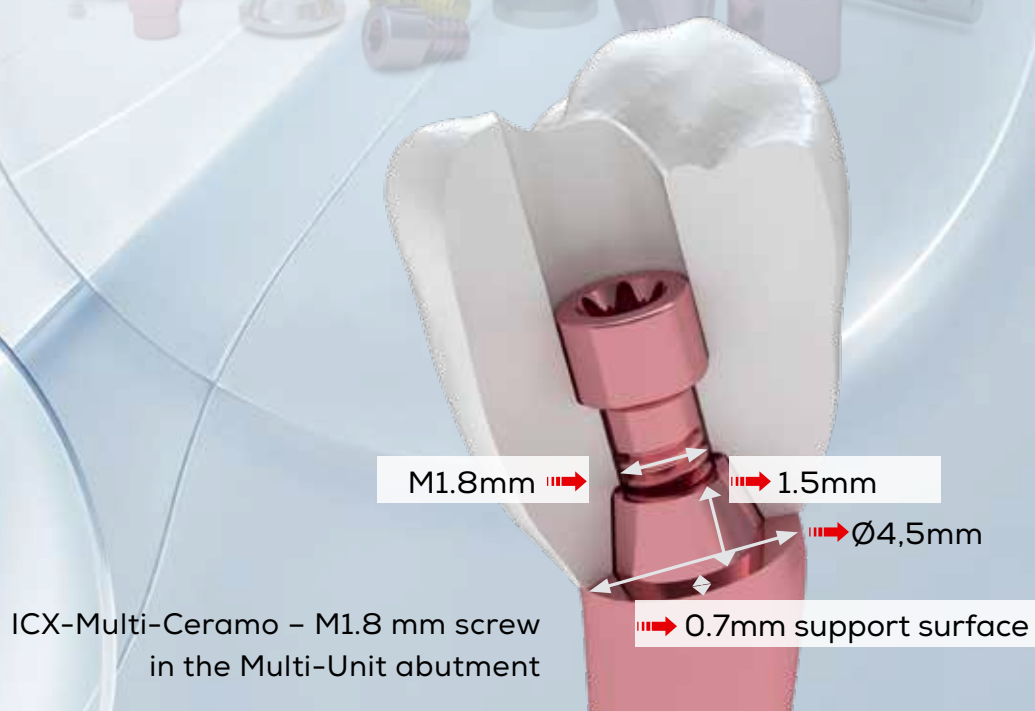


ICX-Multi-Ceramo – cross-section with dimensions
(Ø2.6mm, 1.5 mm, Ø4.5 mm, 0.7 mm contact surface)

ICX-CERAMO
in our shop!



ICX-MULTI-CERAMO ABUTMENTS



ICX-DIAMOND[®]

THE ELITE IMPLANT FROM MEDENTIS

LIQUID

ICX-DIAMOND - the elite system,
featuring **one prosthetic connection** and
one surgical kit that covers everything.

We know of no pure titanium
that is stronger than GiganTium[®]!

Exclusive to ICX-DIAMOND[®]

GiganTium[®]

The Elite-Material.



GiganTium[®]

- ↳ ≥ 1.100 MPa
- ↳ 100 % pure titanium
- ↳ Exclusively for ICX-Diamond[®] Implants

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ICX-MASTERLAB

DIGITAL IMPLANTOLOGY.
MASTERFUL WORK FROM A SINGLE SOURCE.

From planning to the finished masterful dental restoration – everything from a single source, all covered by medentis medical.

5-year guarantee
ICX-CONNECT



ICX-MASTERLAB

Digital Implantology. Digital Dental Technology.

5-year guarantee.

ICX-MASTERLAB

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ICX-MULTI-CERAMO ABUTMENTS

The new solution for
DIRECTLY screw-retained ceramic abutments



INDICATIONS

ICX-MULTI-CERAMO Abutments are used in particular for the following restorations:

- ceramic, **directly screw-retained** solutions
- Full-arch restorations (e.g. All-on-4 / All-on-6 concepts)
- directly screw-retained implant-supported bridges & fixed crowns
- complex implant axes or restricted insertion directions

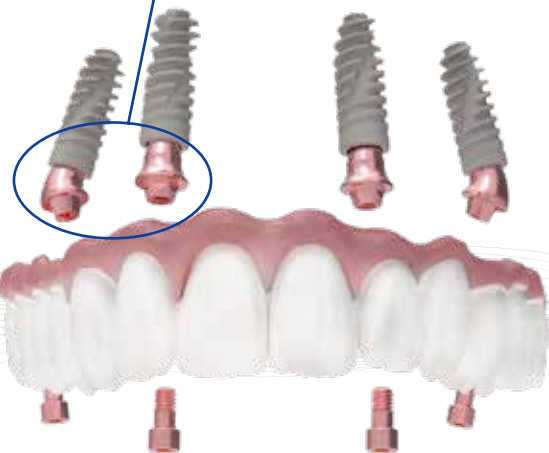
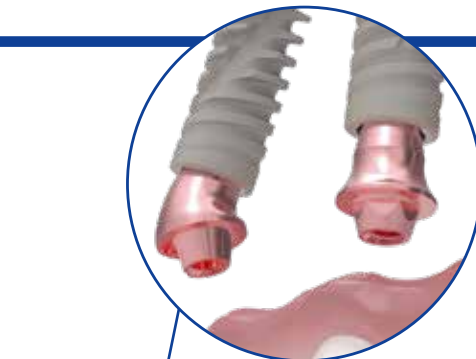
CLINICAL ADVANTAGES

- Reduction of stresses in the prosthetic construction
- Predictable fit with multiple implants
- Simplified hygiene and aftercare
- Option for easy removal of the restoration

DENTAL TECHNICAL BENEFITS

- Standardised components
- Reproducible results
- Compatible with digital workflows (CAD/CAM)
- Simplified fabrication of screw-retained superstructures
- No need to bond the superstructure

➡ angled and straight screw channels



ICX-MULTI-CERAMO ABUTMENTS

ICX-MULTI-CERAMO ABUTMENTS

The new solution for
DIRECTLY screw-retained ceramic abutments



WHY THIS IS IMPORTANT FOR THE GERMAN MARKET

- ➔ Growing demand for aesthetic ceramic restorations in Germany.
- ➔ Patients are increasingly expecting metal-free, natural-looking solutions.
- ➔ **ICX-Multi-Ceramo delivers:** the first ICX-Multi-Ceramo abutment system specifically designed for monolithic ceramics.
- ➔ **Competitive advantage:** Not just a new screw on an old abutment – a completely new, optimised system.

**BE THE FIRST.
GET STARTED NOW!**

CONTACT US TODAY!

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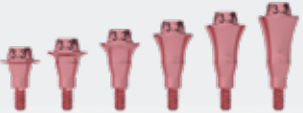
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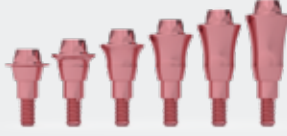
ICX-MULTI-CERAMO ABUTMENTS

OVERVIEW: ICX-MULTI-CERAMO System

ICX-MULTI-CERAMO Abutments Ø 3.3mm

Article-No.	Article 3.3mm	Dimensions/Material	
N-012-001715	ICX-3.3 Ceramo Multi Abutment	17° GH=1.5mm	
N-012-001725	ICX-3.3 Ceramo Multi Abutment	17° GH=2.5mm	
N-012-001735	ICX-3.3 Ceramo Multi Abutment	17° GH=3.5mm	
N-012-001745	ICX-3.3 Ceramo Multi Abutment	17° GH=4.5mm	
N-012-001755	ICX-3.3 Ceramo Multi Abutment	17° GH=5.5mm	
N-012-003515	ICX-3.3 Ceramo Multi Abutment	35° GH=1.5mm	
N-012-003525	ICX-3.3 Ceramo Multi Abutment	35° GH=2.5mm	
N-012-003535	ICX-3.3 Ceramo Multi Abutment	35° GH=3.5mm	
N-012-003545	ICX-3.3 Ceramo Multi Abutment	35° GH=4.5mm	
N-012-003555	ICX-3.3 Ceramo Multi Abutment	35° GH=5.5mm	
N-012-000010	ICX-3.3 Ceramo Multi connecting screw		
N-012-000005	ICX-3.3 Ceramo Multi Abutment	0° GH=0.5mm	
N-012-000015	ICX-3.3 Ceramo Multi Abutment	0° GH=1.5mm	
N-012-000025	ICX-3.3 Ceramo Multi Abutment	0° GH=2.5mm	
N-012-000035	ICX-3.3 Ceramo Multi Abutment	0° GH=3.5mm	
N-012-000045	ICX-3.3 Ceramo Multi Abutment	0° GH=4.5mm	
N-012-000055	ICX-3.3 Ceramo Multi Abutment	0° GH=5.5mm	

ICX-MULTI-CERAMO Abutments Ø3.45 · Ø3.75 · Ø4.1 · Ø4.8mm

Article-No.	Article Standard Ø3,45 · 3,75 · 4,1 · 4,8mm	Dimensions/Material	
C-012-001715	ICX-Ceramo Multi Abutment	17° GH=1.5mm	
C-012-001725	ICX-Ceramo Multi Abutment	17° GH=2.5mm	
C-012-001735	ICX-Ceramo Multi Abutment	17° GH=3.5mm	
C-012-001745	ICX-Ceramo Multi Abutment	17° GH=4.5mm	
C-012-001755	ICX-Ceramo Multi Abutment	17° GH=5.5mm	
C-012-003515	ICX-Ceramo Multi Abutment	35° GH=1.5mm	
C-012-003525	ICX-Ceramo Multi Abutment	35° GH=2.5mm	
C-012-003535	ICX-Ceramo Multi Abutment	35° GH=3.5mm	
C-012-003545	ICX-Ceramo Multi Abutment	35° GH=4.5mm	
C-012-003555	ICX-Ceramo Multi Abutment	35° GH=5.5mm	
C-012-000002	ICX-Ceramo Multi Abutment BL (Bonelevel) This abutment has a mucosal height of 0 mm and must only be used with BL implants. NOT for TL (transgingival) implants.	0mm 0° GH=0.25mm	
C-012-000005	ICX-Ceramo Multi Abutment	0° GH=0.5mm	
C-012-000015	ICX-Ceramo Multi Abutment	0° GH=1.5mm	
C-012-000025	ICX-Ceramo Multi Abutment	0° GH=2.5mm	
C-012-000035	ICX-Ceramo Multi Abutment	0° GH=3.5mm	
C-012-000045	ICX-Ceramo Multi Abutment	0° GH=4.5mm	
C-012-000055	ICX-Ceramo Multi Abutment	0° GH=5.5mm	

OVERVIEW: ICX-MULTI-CERAMO System

ICX-MULTI-CERAMO-Prosthetics

Article-No.	Article	Dimensions/Material	
C-006-020012	ICX-Ceramo Multi model analogue	screwable	
C-003-126460	ICX-Ceramo Multi protective cap, conical	D=6.4 H=6mm	
C-003-124540	ICX-Ceramo Multi protective cap	D=4.5 H=4mm	
C-012-000012	ICX-Ceramo Multi Ceramic Screw	Hex 1.2 for straight	
C-030-120013	ICX-Ceramo Multi Scan Base	slim shape	
C-005-120001	ICX-Ceramo Multi open impression post		
C-012-000001	ICX-Ceramo Multi insertion tool	Stainless steel	
C-015-100033	ICX hexagonal instrument SW 1.2, ISO shank	L = 26mm, Stainless steel	
C-015-100043	ICX hexagonal instrument (one-piece) SW 1.2 mm, short, L 23 mm	Stainless steel	
C-015-100030	ICX hexagonal instrument (one-piece) SW 1.2 mm, medium, L 27 mm	Stainless steel	
C-015-100036	ICX hexagonal instrument (one-piece) SW 1.2 mm, L 32 mm	Stainless steel	

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The new solution for **DIRECTLY screw-retained ceramic abutments** for ALL-ON-ICX concepts, implant-supported restorations and more.



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