

Duotech

CAD/CAM Digital Solutions

*We believe that science and technology make our lives better.
Arouse ideas, enhance talents and human capacities.
Whether to create the new or improve what we already know.
Yes, we believe in the future.
So we respect those who came before us.
And speaking of experience, we believe that by teaching, we also learn.
We see relationships as opportunities to evolve.
We celebrate innovation:
the power to combine different ideas
and turn it into something unique.
Ideas that may come from everywhere.
We believe that building a legacy is leaving
the world better than we found it
because what we do today reshapes
the future and how we will be remembered.
And we will do our best to be remembered with a smile.*



S.I.N. Implant System - RESHAPE THE FUTURE WITH A SMILE



RESHAPE the **FUTURE** with Duotech



Scientific Evidence

- › Research and development of products in partnership with renowned universities and institutes around the world as:
Aarhus University - Denmark
Chalmers University - Sweden
KU Lueven - Belgium
Malmö University - Sweden
UNESP - Brazil, USP - Brazil
UFU - Brazil
SLMandic - Brazil

Production Excellence

- › Large investments in technological updating of our manufacturing facilities over the past three years in state-of-the-art equipment.
- › Annual production of over 5 million items.

Global Presence

- › One of the most important implant companies worldwide.
- › Wide international presence.

Guaranteed Quality and Certifications

- › Rigorous quality control of process, from the arrival of the raw material to the delivery of the final product, proven through national and international certifications.

ISO
9001

ISO
13485

CE



FDA
510(K) - CLEARED
K051859
K170392
K170398
K193096
K201688
K200992



DUOTECH®

CAD/CAM
DIGITAL SOLUTIONS

EXPAND YOUR PORTFOLIO
AND RANGE OF OPTIONS BY
OFFERING S.I.N. DUOTECH®
COMPONENTS.

CAD/CAM technology is already at the service of Dentistry and there are several benefits to this system, both for dentists and patients.

The **accuracy, speed,** and **clinical excellence** results in the manufacturing of dental implants have revolutionized the techniques and treatments for partial or total dental loss. And now all of these benefits are available for S.I.N. Implant System.

Our line of **Duotech®** interfaces has been developed to guarantee **very high precision** and **prosthetic stability** in digital rehabilitation processes. All components are produced in highly technological, state of the art machinery through a specialized team, and all parts undergo thorough and strict quality control supervision to bring you the best solutions in dental implants.



WHY USE S.I.N. DUOTECH® COMPONENTS?

OUR **IN VITRO** AND **IN VIVO** SCIENTIFIC STUDIES HAVE PROVEN THAT USING THE ORIGINAL INTERFACES ALWAYS ENSURES **SUPERIOR RESULTS.**

Predictability in the
LONG TERM

More successful
treatments ✓

Greater
biological
and mechanical
BALANCE

HIGH PRECISION
Machining

REDUCED LOAD on the
abutment
and screw

Better
marginal adaptation
for dental rehabilitation
and *prosthetic crowns*

They provide
greater control
and *predictability* for a
SUPERIOR AESTHETIC RESULT

DECREASED
loss of
marginal bone

QUALITY AND SAFETY
approved by
numerous certifications
both national and
international



Notice, in the picture,
the accuracy in the
positioning and docking
between the implant and
intermediate.

ADVANTAGES OF BEING DUOTECH®

● ORIGINAL

Increase your accuracy and quality using genuine S.I.N. components. We guarantee the quality of your implants and original components. Our manufacturing process undergoes a strict quality control and safety process, approved by several national and international certifications.

● PERFORMANCE

High quality raw material and mechanical strength. Performance is linked to high accuracy that is crucial for restorative flexibility and long-term mechanical stability.

● VERSATILITY

Indicated for all clinical situations. The Duotech® was designed to create the ideal restoration in every situation, from a single element to the reconstruction of a complete dental arch in a digital workflow.

● EXCLUSIVE DUOTECH® SERVICE

Scientific consultants exceptionally trained to answer your questions, remote help for adjustments with the S.I.N. product library and differentiated and personalized service.

● AESTHETICS

It provides greater control and predictability for a superior aesthetic result. The unique Duotech® components have been developed to ensure greater control and predictability for a superior aesthetic result.

● COMPLETE SOLUTIONS FOR MORSE TAPER AND INTERMEDIARIES

Duotech® interfaces are manufactured for all implant lines* and S.I.N. components. Offering solutions for any restoration, including Morse Taper and also for implant intermediates.

● PLANNING WITH CONFIDENCE

Ensures high dimensional accuracy and fitting perfection. To make your day-to-day in the lab even more convenient and efficient we have developed the components ensuring maximum accuracy and quality.

LITERATURE RECOMMENDED

Scientific Paper

SEM adaptation analysis of bolted unit pillars manufactured by four CAD/CAM methods after mechanical cycling.



Dr. Roberto Adrian Markarian

Doctor in Implantology SL Mandic,
Master in Dentistry Prosthetics - USP,
Specialist in Implantology - USP,
Specialist in Dental Prosthesis - CFO.



YOU WILL FIND THIS ARTICLE IN JOMI MAGAZINE!



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DIGITAL LIBRARIES

PLANNING INTEGRATED TO THE BEST SYSTEMS.

Our entire portfolio is already available in the libraries of the CAD/CAM system major providers.



Used on SOFTWARE* (3Shape, Exocad and Dental Wings)

DIGITAL ARCHIVE VS CODE LIST				
PRODUCTS				
TITANIUM PRODUCT CODE				
	ROTATIONAL	ANTI ROTATIONAL	PLATFORM	SOFTWARE*
	IACT 0400	IACT 0406	S.I.N. CONICAL ABUT	INT 4
	IACT 0600	IACT 0606		INT 6
	IMAT 04	-	S.I.N. MINI ABUT	INT 4
	IMAT 06	-		INT 6
	IMMAT 04	-	S.I.N. MICRO MINI ABUT	INT 4
	IMMAT 06	-		INT 6

*Unique gaps management system for machining implants with greater spacing. For software that doesn't have the ability to manage implant/ interface fit spacing, we create files in our library with spacing options from + 10um to 50um.

DIGITAL ARCHIVE VS CODE LIST

PRODUCTS

TITANIUM PRODUCT CODE

	ROTATIONAL	ANTI ROTATIONAL	PLATFORM	SOFTWARE*
	—	ICMT 0504	S.I.N. CM SW	S.I.N. CM SW 0.5 INT 4.0
	—	ICMT 0506		S.I.N. CM SW 0.5 INT 6.0
	—	ICMT 2004		S.I.N. CM SW 2.0 INT 4.0
	—	ICMT 2006		S.I.N. CM SW 2.0 INT 6.0
	—	ICMT 3004		S.I.N. CM SW 3.0 INT 4.0
	—	ICMT 3006		S.I.N. CM SW 3.0 INT 6.0

DIGITAL ARCHIVE VS CODE LIST

PRODUCTS

COBALT CHROME PRODUCT CODE

	ROTATIONAL	ANTI ROTATIONAL	PLATFORM	SOFTWARE*
	IACC 0400	IACC 0406	S.I.N. CONICAL ABUT	INT 4
	IACC 0600	IACC 0606		INT 6
	IMAC 04	-	S.I.N. MINI ABUT	INT 4
	IMAC 06	-		INT 6
	IMMAC 04	-	S.I.N. MICRO MINI ABUT	INT 4
	IMMAC 06	-		INT 6

*Unique gaps management system for machining implants with greater spacing. For software that doesn't have the ability to manage implant/ interface fit spacing, we create files in our library with spacing options from + 10um to 50um.

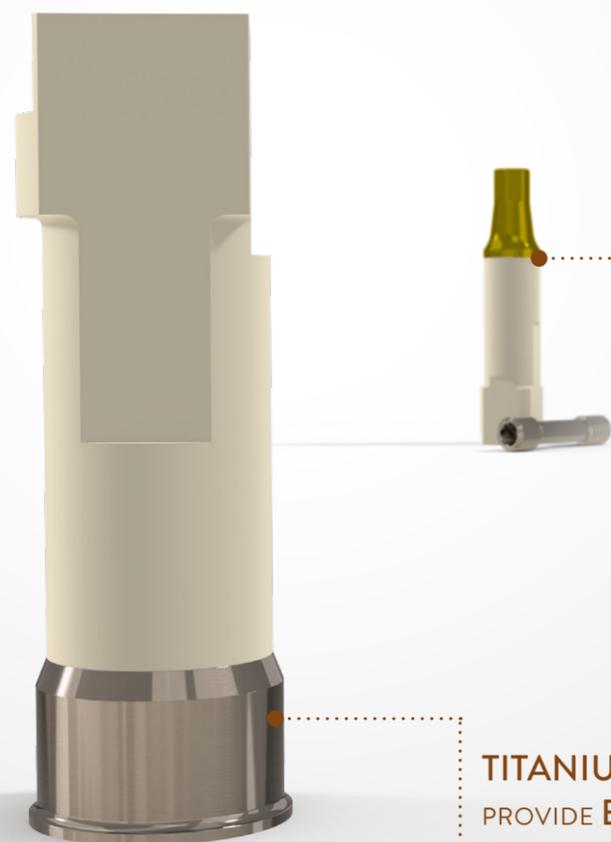
DUOTECH®: ENSURING THE EXCELLENCE OF RESULTS FOR ALL CLINICAL SITUATIONS.

EACH COMPONENT HAS BEEN DEVELOPED THROUGH A HISTORY OF TECHNOLOGY AND INNOVATION.



DUOTECH® SCAN BODY

Available for the Morse Taper implant platforms and also for mini/micro-mini abutment and conical abutment.



SINGLE POSITIONING
THAT FACILITATES THE IMPLANT POSITIONING TRANSFER

TITANIUM SEATING BASES THAT PROVIDE **BETTER FIT AND DURABILITY.**



› **Proven quality**, all Duotech® components are produced in highly technological machinery.



› **More efficiency** and time savings for your laboratory with the original S.I.N. components.

To make the day to day in the laboratory more convenient and easy, S.I.N. designed the color-anodized duotech line components for the Unitite and Strong SW lines.

› Scan Body and analog anodized in **yellow** - **Strong SW CM Line.**



SCAN BODY CONICAL ABUTMENT

CODE	DESCRIPTION	PLAT. (MM)
JBAC 00	WITHOUT HEX.	4.8
JBAC 06	WITH HEX.	4.8



SCAN BODY MULTI-UNIT

CODE	PLAT. (MM)
JBMA	4.8



SCAN BODY MICRO MULTI-UNIT

CODE	PLAT. (MM)
JBMMMA	3.5



SCAN BODY STRONG SW CM

CODE	DIAM. (MM)
JBSWCM	3.5

DUOTECH® TITANIUM BASE

Available for the Morse Taper implant platforms and also for mini/micro-mini abutment and conical abutment.

ITS **GEOMETRY** ALLOWS THE PRODUCTION OF CUSTOM CERAMICS FOR ABUTMENTS



LONG TERM
MECHANICAL STABILITY



› **Long-term mechanical stability**, resulting in superior aesthetic results.

› Allows the production of custom **ceramics for abutments**, bringing a wide range of solutions individualized and compatible with the entire S.I.N. portfolio.



› **Robust, unique and reliable solutions** that provide a perfect workflow for your day-to-day work.



› **Proven quality**, all Duotech® components are produced in highly technological machinery.



Torque 20 N.cm

TI BASE STRONG SW CM

CODE	DIAM (mm)	TRANSMUCOSAL LENGTH (mm)	CEMENTATION LENGTH (mm)
△ ICMT 0504	3.5	0.5	4.0
△ ICMT 0506	3.5	0.5	6.0
△ ICMT 2004	3.5	2.0	4.0
△ ICMT 2006	3.5	2.0	6.0
△ ICMT 3004	3.5	3.0	4.0
△ ICMT 3006	3.5	3.0	6.0



Torque 10 N.cm

TI BASE - CONICAL ABUTMENT

CODE	PLAT. (mm)	CEMENTATION LENGTH (mm)
● IACT 0400	4.8	4.0
△ IACT 0406	4.8	4.0
● IACT 0600	4.8	6.0
△ IACT 0606	4.8	6.0



Torque 10 N.cm

TI BASE MULTI-UNIT

CODE	PLAT. (mm)	CEMENTATION LENGTH (mm)
● IMAT 04	4.8	4.0
● IMAT 06	4.8	6.0



Torque 10 N.cm

TI BASE MICRO MULTI-UNIT

CODE	PLAT. (mm)	CEMENTATION LENGTH (mm)
● IMMAT 04	3.5	4.0
● IMMAT 06	3.5	6.0

All with fixing screw included.

△ Anti-Rotational Component
● Rotational Component

DIGITAL ANALOG

Available for the Morse Taper implant platforms and also for mini/micro-mini abutment and conical abutment.

MANUFACTURED IN **TITANIUM** WITH GREATER **PRECISION** AND **DURABILITY**



ANTI-ROTATIONAL ANALOG SYSTEM, GUARANTEE **EXACT POSITION OF IMPLANT INDEX** ON PRINTED MODEL

SNAP-ON FITTING SYSTEM, **FIXING FACILITY** IN THE PRINTED MODEL

LIBRARIES AVAILABLE FOR EXOCAD AND 3SHAPE



DIGITAL ANALOG SW CM

CODE

ADCM



DIGITAL ANALOG CONICAL ABUT

CODE

ADAC



DIGITAL ANALOG MINI ABUT

CODE

ADMA



DIGITAL ANALOG MICRO MINI ABUT

CODE

ADMMA



› **Proven quality** in all Duotech® components, as they are produced in highly technological machinery.



› **Proven quality** on all Duotech® components, dimensional analysis of the analogues faithfully follows the measurements of the implants.

DUOTECH® TITANIUM BASE – SIRONA CEREC

S.I.N. offers the most versatile and safe solutions for your day-to-day.

WITH
SCREW



CEREC
by sirona

› 100% compatible.

› Options available in **large size**.

SIRONA CORRESPONDING TABLE:



Torque 20 N.cm

TI BASE SIRONA STRONG SW CM

CODE	PLAT. (mm)	SIRONA LIBRARY
ICM 0804	4.25	ATOS 3.5/4.0 – ATOS 4.5/5.0
ICM 2004	4.25	ATOS 3.5/4.0 – ATOS 4.5/5.0

Scan body not included.

SUPERIOR QUALITY AND TECHNOLOGY

*WE WARRANT, BECAUSE WE ARE
PROUD OF OUR PRODUCTS.*

S.I.N. Implant System's main priority is assuring the quality and safety to our clients. Offering the best for implants, components, surgical kits and tooling is the base of all our action.

INSPECTION IN A 100% OF THE BATCHES MANUFACTURED

The quality control is made in all S.I.N. products, to assure the success in the surgeries of all our clients, to meet the best quality standards, as well as to add value to all the ones who chose to give a smile back to people.



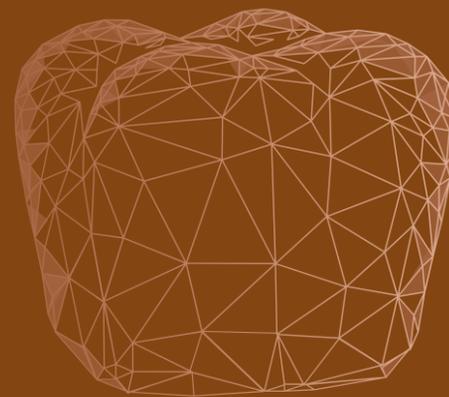
**IMPLANTS WITH WARRANTY
FOR LIFE***



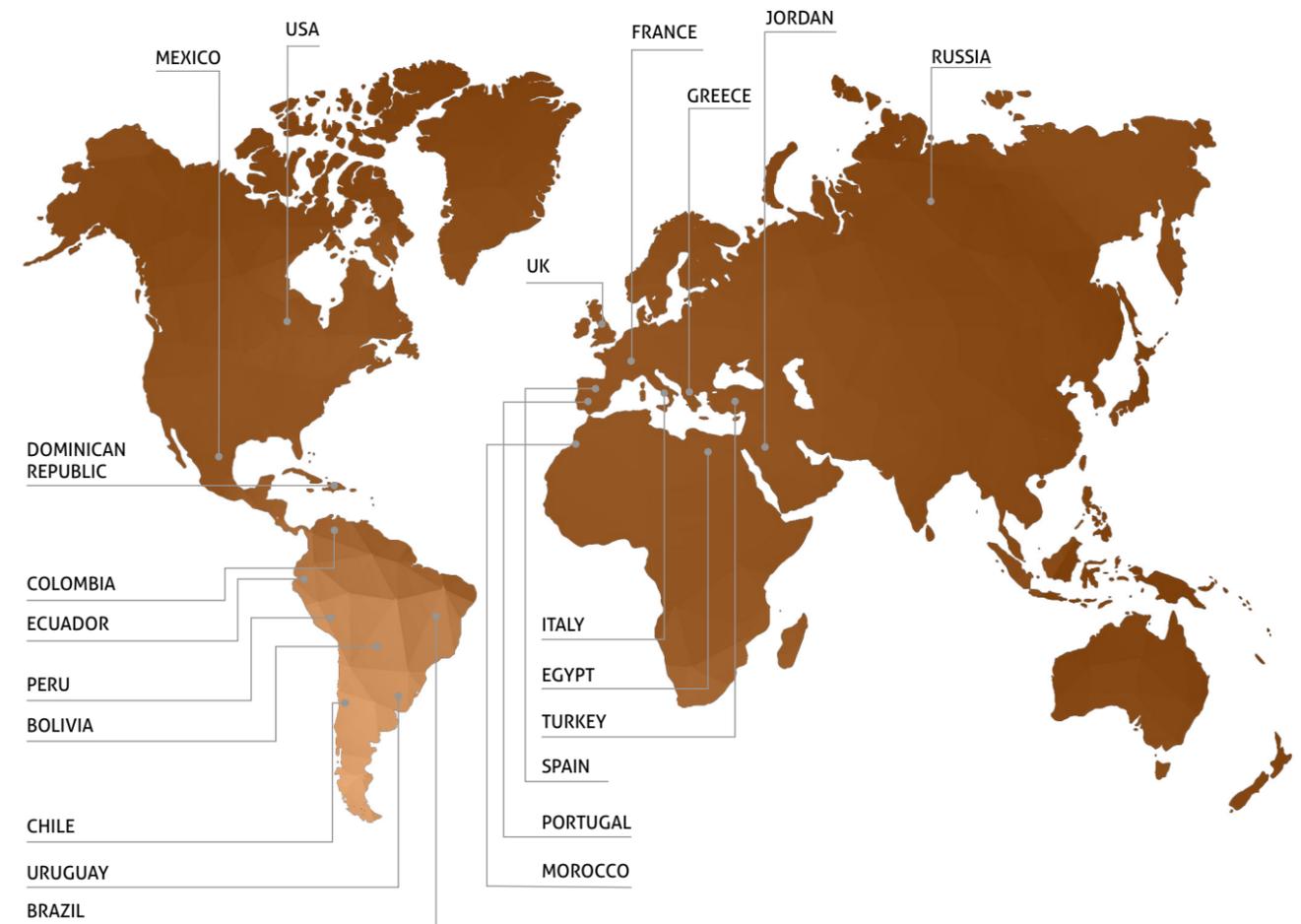
**5 YEARS OF WARRANTY
PROSTHESIS COMPONENTS***



*SCAN THE LATERAL QR CODE
TO ACCESS S.I.N WARRANTY
TERMS OR ACCESS THE LINK
<https://bit.ly/39DW3cF>



WHERE WE ARE



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SINdentalusa.com

Visit our social networks:



@SINdentalusa



S.I.N. Implant System