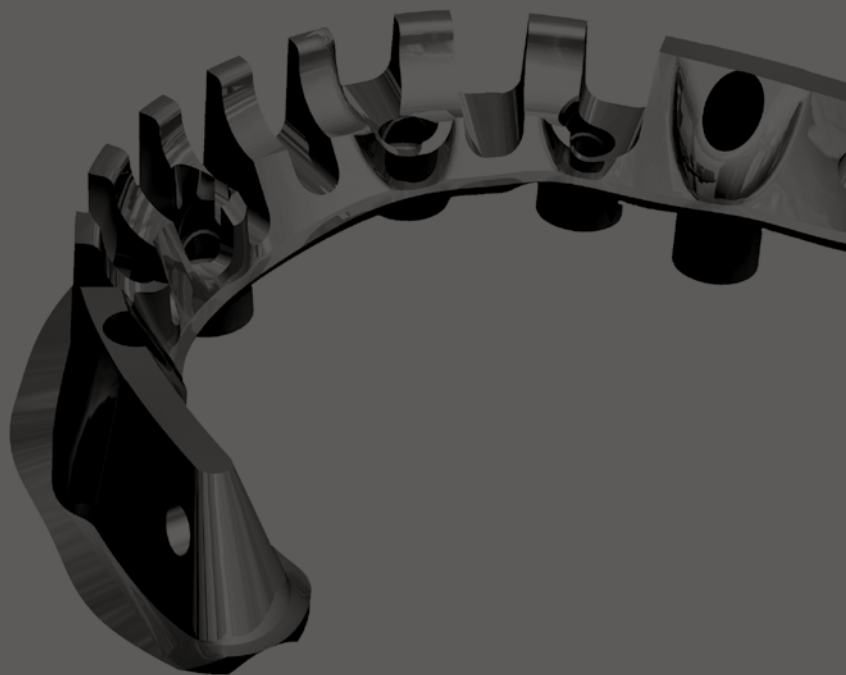

WHERE CREATIVITY
MEETS TECHNOLOGY

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CREATECH
EXCELLENCE



The dental engineering company





WHERE CREATIVITY MEETS TECHNOLOGY

The Dental Engineering Company

A pioneer in its field, **Createch Medical**, was founded in 2004 thanks to the innovative spirit of its founders. Its aim was to cover an existing need in the market for CAD-CAM produced dental frameworks.

From the beginning, the company has aimed to develop an extensive range of prosthetic solutions that facilitate the work of both professional restorative experts and laboratory technicians. As a result, the company has created unique CAD/CAM frameworks of unrivalled quality that have helped establish Createch Medical one of the main references in its field.

As its slogan says, Createch Medical brings together the creativity of implantology experts and laboratory technicians with the aerospace technology of an established industrial group.

In essence, Createch Medical is a **dental engineering** company that offers a wide range of dental framework solutions.

FACILITIES CREATECH

COMPREHENSIVE DESIGN AND MANUFACTURING SERVICES

Createch Medical approaches its technology to dentistry professionals who are looking for excellence.

Our facilities are equipped with ultra-precision measuring devices and five-axis high precision milling machines, and our manufacturing processes comply with the strictest quality standards.

We have developed numerous design programs to offer you the utmost in tailor-made solutions.



OUR MULTIDISCIPLINARY BACKGROUND
(DENTAL AND INDUSTRIAL) AND OUR
PARTNERS MAKE US UNIQUE.

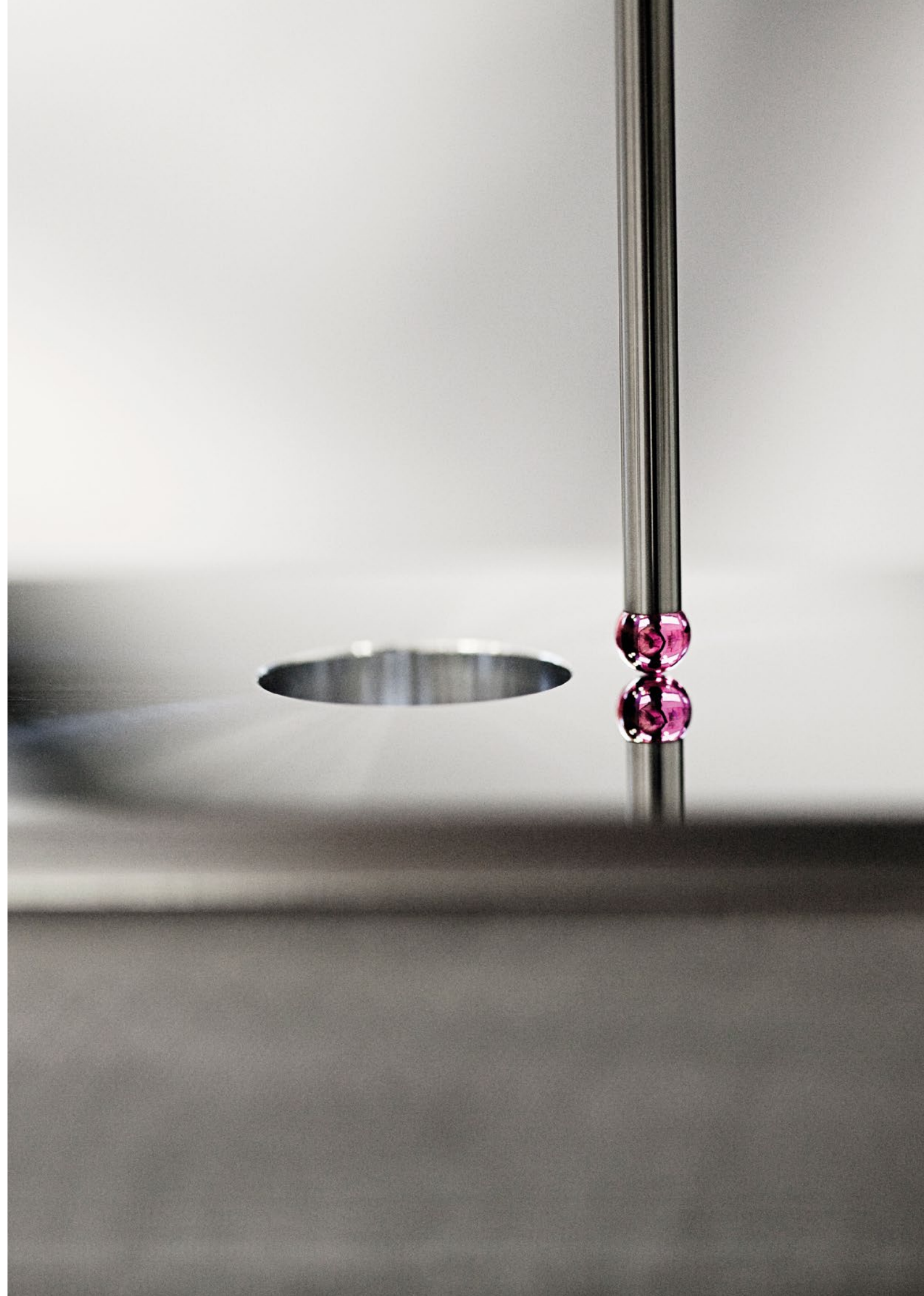
— OUR BACKGROUND

Back in 2004, a small group of dental professionals joined hands with a local industrial group specialized in high precision manufacturing and processes.

The clinicians and lab technicians provided the dental know-how and requirements, and the industrial partners the technology and processes. Together, we developed patient specific solutions aimed at improving the overall experience of dental patients.

— EGILE CORPORATION

Our industrial partner, the EGILE Corporation, is specialized in developing services and components for some of the most technically demanding sectors such as aeronautics, aerospace, science (CERN) and cybersecurity.



STRATEGIC PARTNERSHIP

Straumann took a shareholding of Createch in October 2013, becoming a strategic partner that represents Createch globally.

The extensive knowledge and exclusive approaching way of Straumann in the dental market, together with the development capacity, precision and flexibility of Createch, make this partnership a global reference in customized prosthetic solution.

— STRAUMANN

Headquartered in Basel, Switzerland, and operating in more than 70 countries, Straumann is a global leader in implant, restorative and regenerative dentistry. Working closely with leading clinics, research institutes and universities, Straumann conducts research, develops and manufactures dental implants, instruments, prosthetics, as well as dental biomaterials for use in tooth replacement and restoration, or to prevent tooth loss.



EXPERTS IN PRECISION

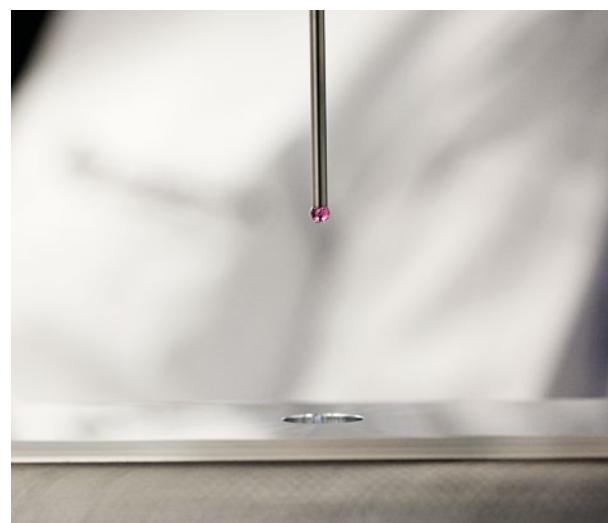
AERONAUTICAL TECHNOLOGY APPLIED TO HEALTH CARE

Based on the aeronautical expertise of our industrial partners, we can say that our products and processes are aeronautical technology applied to healthcare.

The Createch Medical facilities were specifically designed and built to guarantee the strict environment needed to manufacture our solutions to the highest quality standards.

Important factors such as temperature, humidity, vibrations, tool wears and calibrations are monitored and constantly controlled.

All these factors allow us to manufacture our solutions to the most demanding precision requirements in the dental industry.



OUR EXCELLENCE SOLUTIONS

CREATECH EXCELLENCE
Is our range of solutions for dental professionals seeking highly technological and innovative products.

Createch Medical performs the measurement, design and milling of frameworks for implant-supported prostheses. These processes are controlled and executed entirely by Createch Medical, allowing us to optimize and guarantee the quality of our products.

Each dental framework comes with a CREATECH EXCELLENCE warranty card and caring packaging to certify its quality.

These tools reflect the excellence of our product and add value to our customers treatment in front of the patient.



WHY CREATECH?

WIDE RANGE OF
SOLUTIONS

MAXIMUM
CUSTOMIZATION

HIGH-PRECISION
EXPERTS:
MEASUREMENTS AND
MANUFACTURING

LEGAL
MANUFACTURING
OF ANGULATED
SOLUTIONS

RESPECT FOR
IMPLANT
PHILOSOPHIES

DIGITAL
WORKFLOW
BENCHMARK

SOLUTIONS
FOR COMPLEX
CASES

MORE THAN
600 IMPLANT
COMPATIBILITIES

PLANNING
SERVICES

FIT
WARRANTY

TITANIUM AND COBALT-CHROME SOLUTIONS

RESIN RESTORATIONS

Hybrids

- Createch
- Basic

Bars

- Createch
- Preci Vertix®-Horix®

Telescopes

- Telescopic Hybrid
- Telescopic Anatomical Hybrid
- Removable Telescopic

CERAMIC RESTORATIONS

Customized Abutments

- Cr Co
- Ti
- Gold Shaded Ti

Anatomicals

- Anatomical Bridge
- Gingiva Support

Abutment Hybrid

RESIN RESTORATIONS

HYBRIDS

— CREATECH

Screw-retained medical-grade titanium framework for fixed prosthesis with a resin finish. Bores and retainers for better retention of the resin.

Design featuring individual retainers or pins based on the teeth position of each wax-up and the individual aesthetic solution required.

It provides for maximum customization of the finish type.

25° angulated bore enables screw emergence correction to provide a more aesthetic outcome.



— BASIC

Screw-retained titanium framework designed for wrap around cases.

25° angulated bore enables screw emergence correction to provide a more aesthetic outcome.



RESIN RESTORATIONS

BARS

— CREATECH

Titanium prosthesis removable by the patient.

Solves aesthetic problems related to screw emergence and allows for labial support.

Specific design to increase the flexibility of attachment positioning.

Wide range of attachments available.



— PRECI VERTIX-HORIX[®]

Titanium prosthesis removable by the patient.

Combines horizontal and vertical attachments for a higher primary stability.



RESIN RESTORATIONS

TELESCOPICS

— TELESCOPIC HYBRID

Double frame titanium prosthesis, fixed with screws or distal pins.

Solves aesthetic problems of vestibular screw emergences.

Ultra-precision fit between both frames.



— REMOVABLE TELESCOPIC

Removable prosthesis comprising a double titanium framework retained by attachments.

Performs like a fixed prosthesis due to the passive fit between the primary and secondary structures.

Combines the advantages of a fix restoration and the hygiene of a removable one.

Perimetric sealing of the secondary structure adapted to the gingiva to prevent hygiene problems.



CERAMIC RESTORATIONS

ABUTMENTS

— CR CO

Customized abutment, screwed directly to the implant and individually designed based on the final aesthetics required.

Personalized emergence profile.

Possibility of incorporating a 25° angulated bore.



— TI

Titanium abutment with a personalized emergence profile for cemented crowns and bridges.

Enables correction of abutment direction.



— GOLD SHADED TI

Titanium abutment with a gold finish, thanks to the Ti wash. It provides aesthetic and hardness to the abutment.



CERAMIC RESTORATIONS

ANATOMICALS

ANATOMICAL BRIDGE

Anatomically shaped framework milled in Cobalt-Chrome or Titanium for ceramics or composite.

High-precision milling that allows to mill full-arches without implant number limitation.

The framework can be designed from duplicating the resin pattern or reducing wax-up (patient's aesthetic finish).

Different implant-system combinations on the same framework are available.

25° angulated bore enables screw emergence correction to provide a more aesthetic outcome.



GINGIVA SUPPORT

For high vertical dimension cases, we offer the possibility of designing a gingival base.

25° angulated bore enables screw emergence correction to provide a more aesthetic outcome.



CERAMIC RESTORATIONS

ABUTMENT HYBRID

ABUTMENT HYBRID

Framework with integrated abutments for cementing crowns or bridges, which avoids vestibular screw emergence.

Designed especially for cases with high vertical elevation where a ceramic finish is required.

Helps avoid unaesthetic screwholes.

Gum finish in resin or composite.

Possibility of combining ceramic abutments and resin teeth in the posterior area.

Designed for easy maintenance or repair in case of ceramic chipping.



ANGULATED BORE

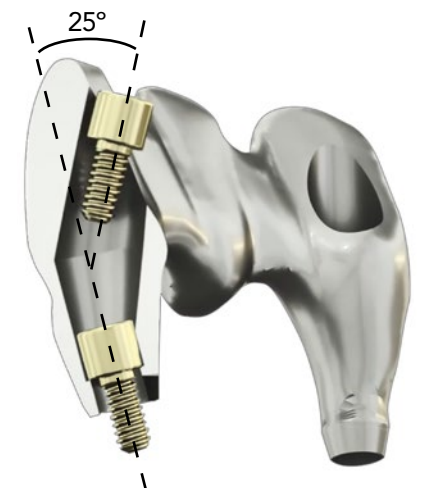
ANGULATED BORE

Legal manufacturer.

Available for abutments and frameworks.

Materials: Titanium, Cobalt-Chrome and Zirconia.

Theoretical maximum: 28°; Createch recommended limit 25°.



AESTHETIC MATERIALS

ZIRCONIA

– ZrO₂ Bridge- For preps

– ZrO₂ Bridge – Ti Base

– ZrO₂ Bridge – Customized
abutment

OTHER MATERIALS

– Ceramics

– Composite

– PEEK



AESTHETIC MATERIALS

We have extended our solutions by adding aesthetic materials into our actual range of products. A new service for those labs that prefer to outsource services related to these materials and to labs that already use them, but look for a solution for complex cases, such as angulated bore for the screw emergence correction.

ZrO₂

Zirconia (ZrO₂) is a biocompatible material that stands out for its aesthetic level and its biological qualities. Thanks to these qualities, Zirconia is one of the most popular material for dental prostheses.

We offer a wide range of shades that goes from A1 to the D4, dyeing the crown or the bridge (on a single color), to adapt to different cases.

HIGH TRANSLUCENCY ZrO₂

High translucency zirconia is particularly suitable for anterior sector for very aesthetically demanding cases.

This material can also adequate full contour monolithic restorations in posterior positions. Despite not being a multilayer material, it can be shaded (A1 to D4) for increases aesthetics.

ZrO₂ MULTILAYER

Multilayered full-contour zirconia allows for strong and aesthetic restorations with high translucency.

Restorations are delivered with well defined occlusal details and natural looking color changes to blend in with the neighboring teeth.



ZIRCONIA TOOTH BORNE ZrO_2 BRIDGE

Cemented restoration for aesthetic cases.



ZIRCONIA ZrO_2 BRIDGE ON TI BASES

Cemented restoration based on Standard
Titanium bases.

25° angulated bore enables screw emergence
correction to provide a more aesthetic outcome.



ZIRCONIA

ZrO₂ CUSTOMIZED ABUTMENTS

High aesthetic cemented restoration on customized abutments.
Abutments also available on gold shaped.

25° angulated bore enables screw emergence correction to provide
a more aesthetic finish.

Customized emergence profile with higher natural aesthetic and
better gingival adaptation.



OTHER MATERIALS

CERAMICS, COMPOSITE AND PEEK

Createch will continue evaluate and incorporate new
materials into our portfolio. Please check with us should
require restorations in any materials.



RANGE PRODUCT
CREATECH

HYBRID



Createch



Basic

BAR



Createch



Preci Vertix[®]-Horix[®]

TELESCOPIC



Telescopic hybrid



Anatomic telescopic hybrid



Removable telescopic

RANGE PRODUCT
CREATECH

ABUTMENT



Cr Co



Ti



Gold Shaded Ti

ANATOMICAL



Anatomical bridge



Gingiva Support

ABUTMENT HYBRID



Abutment hybrid

ANGULATED BORE



Angulated bore

PRODUCT RANGE

CREATECH

TOOTH BORNE
ZrO₂ BRIDGE



ZrO₂ BRIDGE
ON TI BASES



ZrO₂ CUSTOMIZED
ABUTMENTS



CERAMICS,
COMPOSITE AND PEEK



CREATECH EXCELLENCE CARD

This prosthesis identification card **guarantees the authenticity** of the framework, **certifies the materials** used for its manufacturing and **provides full traceability** of the processes and materials.



World leader
in prosthetic
solutions



REQUEST OUR CARD
and keep it in each case
to benefit from **Createch Warranty**

GLOBAL NETWORK

“CLOSE TO YOU GLOBALLY”

Our partnership with Straumann enables us to offer you a local service globally.

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