

2020 *Novelties*



Providing solutions

Catalog

www.ipd2004.com

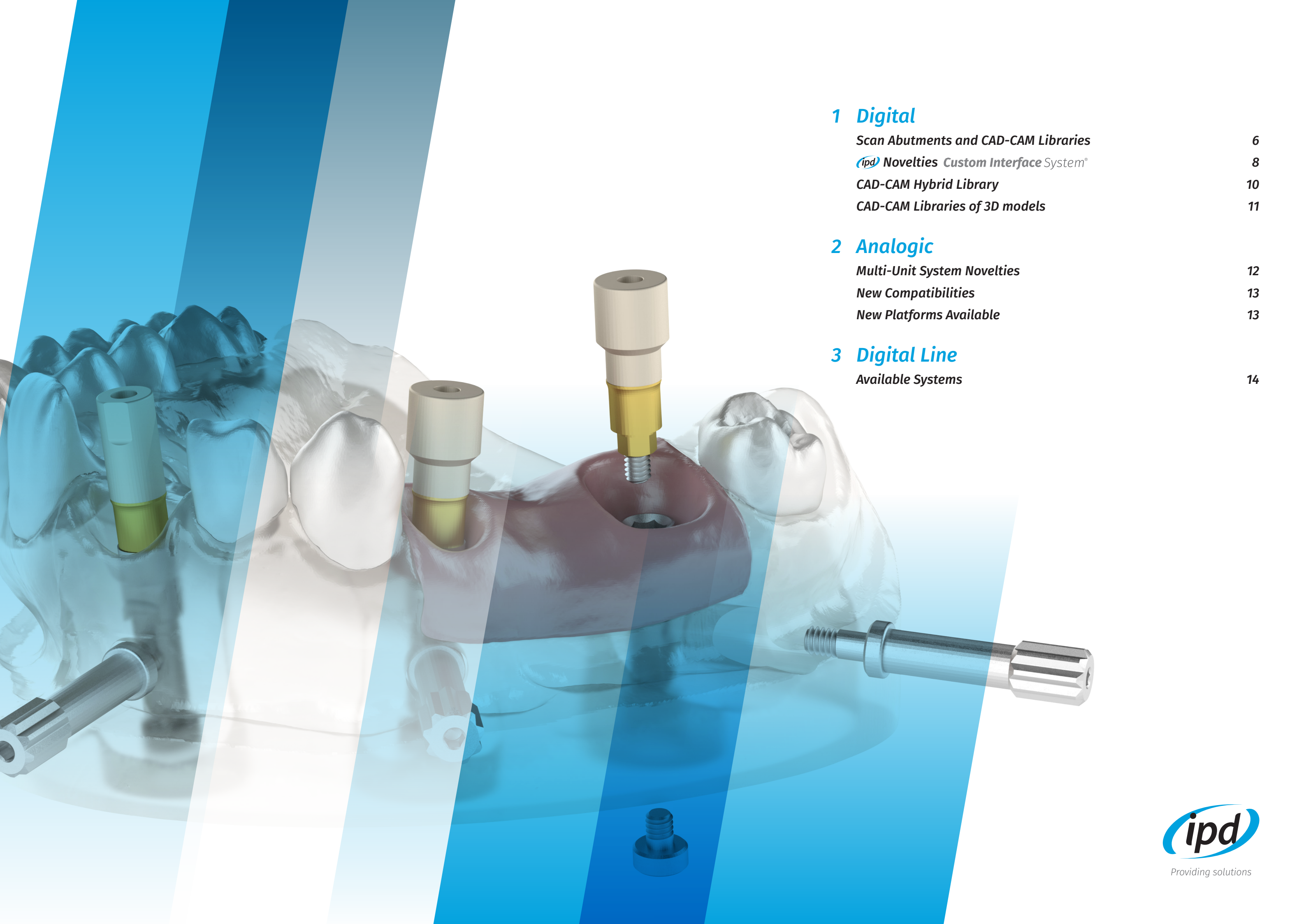


Is a company orientated in the dental sector from the very beginning, specialized in manufacturing and commercializing PROSTHETIC ABUTMENTS for DENTAL IMPLANTS.

Present in more than thirty countries, offering a wide range of products of the highest quality, which has made it become a world leader in comercialization of compatible abutments.

Our production combines the latest technology with the most demanding quality standards, with permanent control of each of the geometrical characteristics and sanitary requirements of the abutments. All under the strictest parameters and procedures established by our engineers and with the close collaboration of acknowledged professionals and dental scientists.





1 Digital

Scan Abutments and CAD-CAM Libraries

6

ipd Novelties Custom Interface System®

8

CAD-CAM Hybrid Library

10

CAD-CAM Libraries of 3D models

11

2 Analogic

Multi-Unit System Novelties

12

New Compatibilities

13

New Platforms Available

13

3 Digital Line

Available Systems

14



Providing solutions

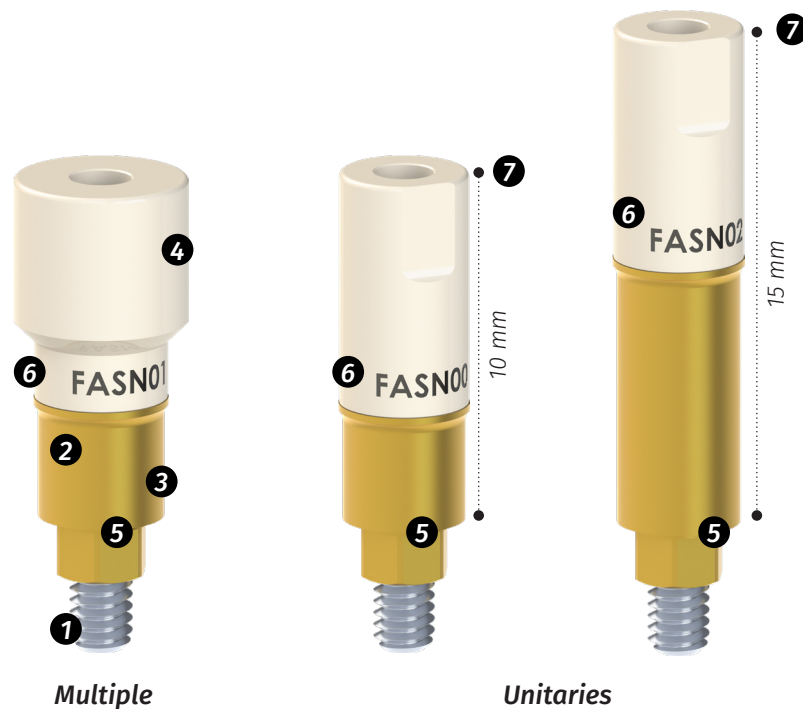
Scan Abutments and CAD-CAM Libraries

Intra/Extraoral

ipd Scan Abutments offer the best features on the market

- Compatible with **intraoral systems** (clinical) and with **extraoral systems** (laboratory).
- Also compatible with the **Renishaw® probe system**.
- **It includes a captive screw** to prevent loss and make it easier to mount.
- **The TiN coating** offers antibacterial properties to protect the gum.
- **The Titanium base** assures a long-lasting connection and enables the use of Rx.
- The top part is made of **PEEK**, a polymer that favors implant reading and location.
- **Maximum Z-precision** as it rests on the sagittal plane of the implant or analog.
- **Tolerance of ± 5 microns** in the entire manufacturing process.
- Reference engraved by **laser marking**.
- **2 heights for unitaries:** 10 mm for most cases, and 15 mm for situations where the implant is very submerged.

- 1 Captive screw
- 2 TiN coating
- 3 TiN coating
- 4 Top part made of PEEK
- 5 Maximum Z-precision
- 6 Laser marking
- 7 2 heights for unitaries



Integrated System

All **ipd Scan Abutments** are compatible with the following libraries

- Direct implant straight library.
- Direct implant angled library.
- Indirect Custom Interface implant straight library.
- Indirect Custom Interface implant angled library.
- 3D models library.
- **Direct implant Hybrid library.** new

All our libraries are compatible with the following systems:

exocad

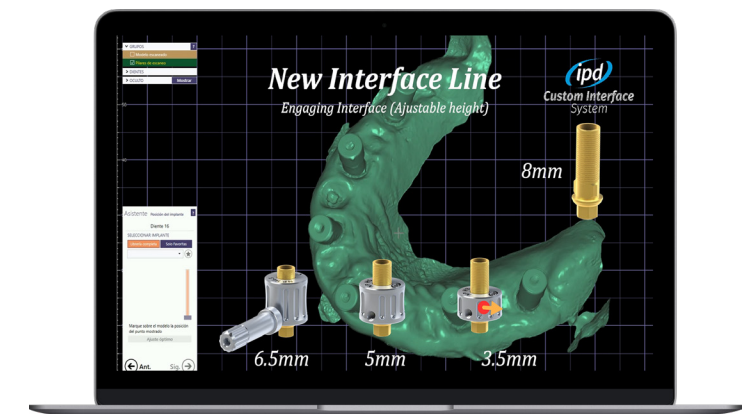
3shape

dental wings new

egsolutions new
MITSUI CHEMICALS GROUP

PIC dental new > Photogrammetric scanning

RENISHAW new > Probe scanning
apply innovation™



Find further information at our website
www.ipd2004.com

You can request the libraries at the following link
<https://ipd2004.com/cad-cam>

ipd and IPD 2004 are registered trademarks of IMPLANT PROTESIS DENTAL 2004 SL. All other Trademarks mentioned are the property of their respective Owners and neither them nor the trademarks are associated to IMPLANT PROTESIS DENTAL 2004 SL.

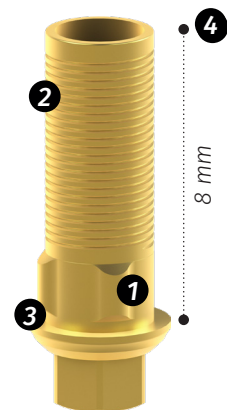
ipd Novelties Custom Interface System®

Custom Interface System

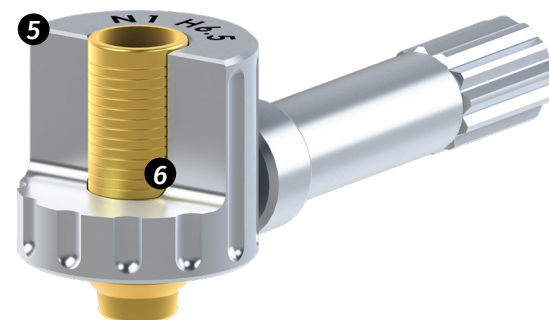
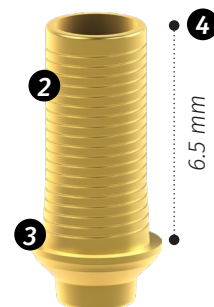
Advantages of the new design

- New single-position asymmetrical trilobular engaging design.
- Geometry that is **easier to mill**.
- **Helical grooves** assuring better grip.
- **Larger support surface for the prosthesis**, preventing insufficient thicknesses according to the materials used.
- **Three different platforms:** Narrow, Regular and Wide.
The emergence from the platform of the implant to the base where the prosthesis will be seated is thereby attenuated.
- **Adjustable height.** With 8 mm series for Unitaries and 6.5 mm for Multiples. new
- **The angulation window can be enabled** at all available heights, both in Multiples and in Unitaries. new
- **CAD-CAM Libraries** available for all possible variations. new
- Different **gingival heights** up to 3.5 mm. new
- **Cutting guides** with a set screw to make cutting and **milling** easier..

- 1 Trilobular engaging design
- 2 Helical grooves
- 3 Larger support surface for the prosthesis
- 4 Adjustable height
- 5 Angulation at all available heights
- 6 Cutting guides



Unitary Interface



Multiple Interface

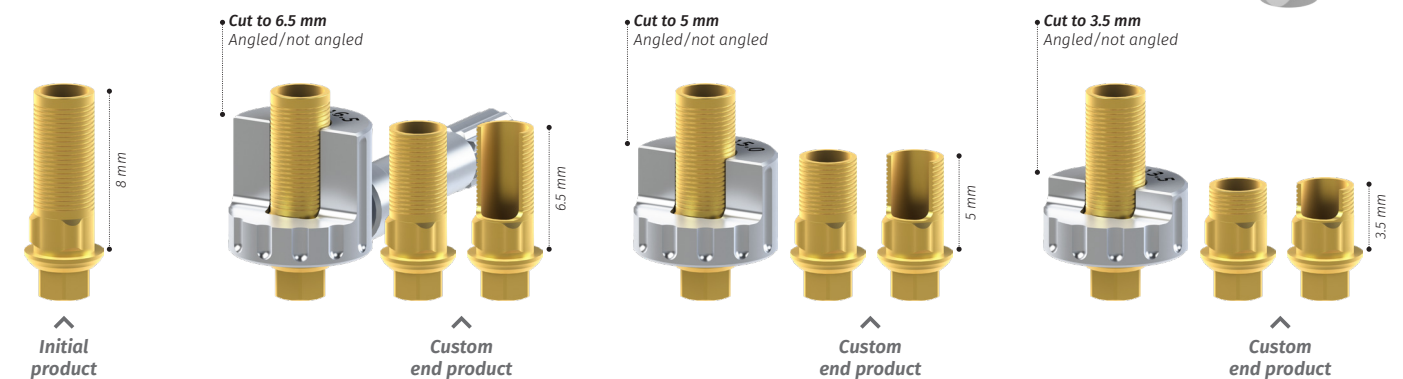
Compatible with the TPA System for angled prostheses



Unitary Interface

With a height of 8 mm, the unitary interface is enabled so that it can be trimmed down to various levels (6.5 mm / 5 mm / 3.5 mm) according to the needs of each work. With the help of the cutting guides and the transverse set screw, the height can be adjusted in a practical and simple manner.

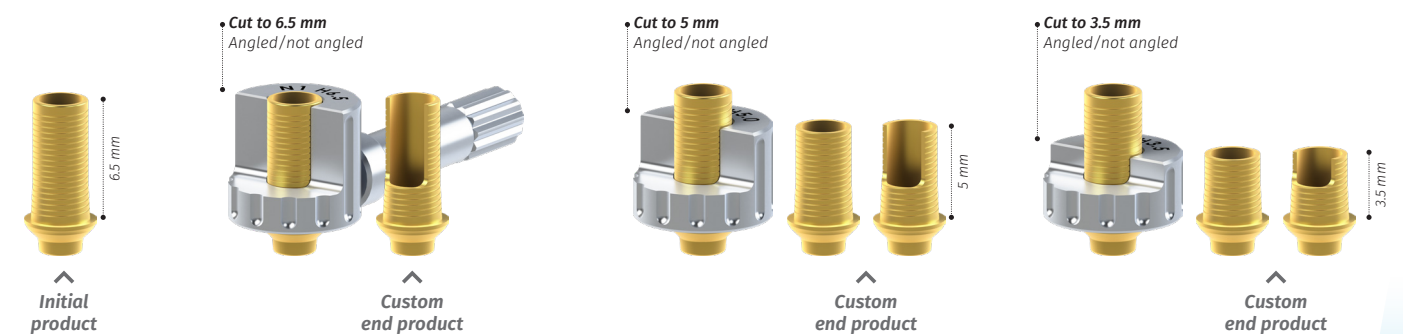
Now it is also possible to enable the window for angulation at all the available heights after 6.5 mm.



Multiple Interface

The series height has been increased up to 6.5 mm and can be trimmed down to various levels (5 mm / 3.5 mm) according to the needs of each work. With the help of the cutting guides and the transverse set screw, the height can be adjusted the same way as the unitary interfaces.

Now it is also possible to enable the window for angulation at all the available heights.



CAD-CAM Hybrid Library new

Sintering / Re-machining: Lower cost, maximum quality

We would like to present an innovative and cost-effective solution for **digital direct to implant jobs** which allows manufacturing prosthesis with a **high-precision machined finish and with the lower cost of a sintering.**

With the Hybrid Library you can design your works conventionally with your CAD Software and export the STL to one of our authorized machining centers¹ in Spain or Europe.

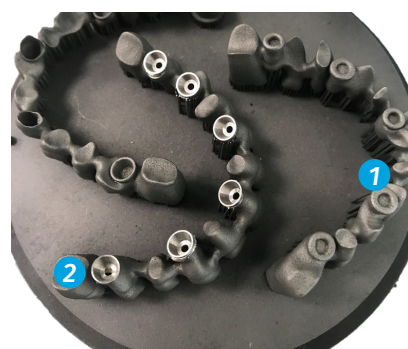
Unlike other libraries, the Hybrid Library consists of two phases in the manufacturing process:

1. Sintering

By means of 3D printing with additive manufacturing technology, the prosthesis is created by providing metal particles by overlaying successive layers of said material. It is a rapid and effective production system which allows optimizing material resources since it is an additive, not subtractive, manufacturing process like machining is.

2. Re-machining

In this second phase, the connection and the seat of the screw are reconditioned by a milling tool. With this operation, we guarantee optimal fit with the connection, a **good finish and maximum precision** in the most important areas of a prosthesis on implants..



- 1 Sintering
- 2 Sintering + Re-machining

Jobs of this type are not possible unless you have a CAD-CAM Library² that allows re-dimensioning the areas to be remachined in phase two. With the **ipd Hybrid Library** you have that possibility, in addition to the most important milling centers in Europe where this manufacturing process has been authorized through a collaborative process with **ipd**.

We also have a Hybrid Library for Desktop. This library is designed for the most demanding laboratories who want to make their own design, send it to be sintered, and then finish it in their own laboratory.

¹ You can consult the list of authorized machining centers by calling **(+34) 93 278 84 91** or sending an email to **info@ipd2004.com**

² You can request the libraries at the following link: <https://ipd2004.com/cad-cam>

CAD-CAM Libraries of 3D models

Digital Analog

Innovative design with two set screws, one located in the lateral area and another one in the lower area.

- Guarantees exact positioning of the analog in the 3D model.
- The lateral screw allows working with an articulator without losing the recorded bite.



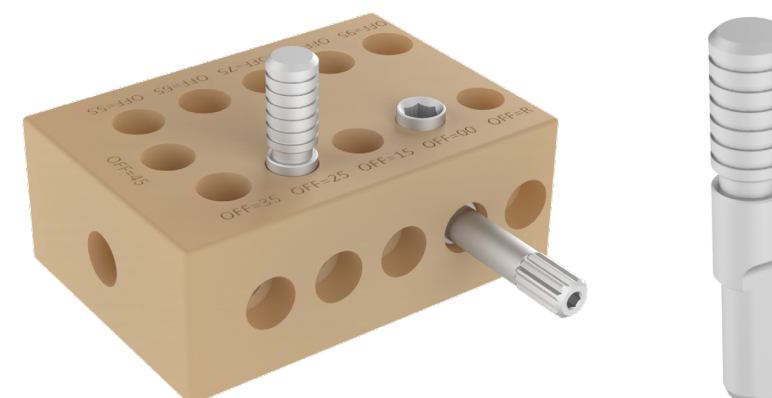
Validation Master new

ipd has a **CAD Library for a 3D model generator.**

We are providing a validation master STL that you can use to check the printing resolution of your 3D printer. Once the tolerance is detected, you will be given the custom CAD Library with optimized parameters.

We have up to 11 configurations of CAD Libraries with different tolerances to assure that you can work efficiently with your 3D printing system.

Furthermore, to make this process even easier, we have placed at your disposal a tool which has the morphology of a digital analog that allows you to test the fitting in the calibration master in a comfortable, simple, and quick manner.



Novelties Multi-Unit System

The Multi-Unit system has evolved to offer better features and new functions

Straight Multi-Unit for Unitaries new

We have modified all Multi-Units to incorporate an engaging morphology that can be adapted to unitary abutments.

With this new function, all straight Multi-Units can be used for cases where a unitary prosthesis is to be mounted.

The new use is covered by its corresponding prosthetic elements to enable working in digital or analog mode. This morphological change does not affect the usual systematics of multiple works, so you can continue to use the same abutments being used up until now for those prosthesis including more than one implant.

TiN coating new

Multi-Unit abutments are coated with titanium nitride (TiN).

This coating embellishes the abutment, giving it a golden hue and visually favorable in cases where the trans-epithelial may be exposed and the work may be aesthetically compromised.

It also offers antibacterial properties that prevent the adhesion of microparticles that could lead to gum infections.

The TiN coating is applied to all straight and angled Multi-Units.

Abutment holder new

With the new abutment holder for straight Multi-Units, you can comfortably carry the abutment to the patient and place it in the implant with absolute certainty.

The abutment holder is included in each straight Multi-Unit order at no added cost.

Unitary
Abutments >



New Compatibilities new

We added 4 new systems to our already extensive catalog of compatible abutments.

You will have a wide range of abutments available to enable working on these new implant systems.

- BEGO® SEMADOS®**
System SC / SCX / RS / RSX / RI (SB Series)
Platforms: Ø 3.25 - Ø 3.75 (NP) / Ø 4.1 - Ø 4.5 (RP)
- OSSTEM IMPLANT®**
System TSIII (OB Series)
Platforms: Mini (NP) / Regular (RP)
- NEODENT®**
System Grand Morse® GM (RB Series)
Platforms: GM (RP)
- KLOCKNER®**
System Vega® (CD Series)
Platforms: NV Ø 3.5 (NP) / RV 4.0 - 4.5 (RP)

New platforms available

The digital line has further been completed with current system platforms that were not available yet, covering all needs in all the implant lines we offer.

- Nobel Biocare® Branemark System® Ø 5.0 (WP)
- Zimmer® Screw-Vent® Ø 5.7 (WP)
- BioHorizons® Tapered Internal Ø 5.7 (WP)
- Straumann® Tissue Level WN (WP)
- Phibo® TSH® Ø S5 (WP)
- Sweden & Martina® Premium™ Kohno® Ø 3.3 (TP)

and IPD 2004 are registered trademarks of IMPLANT PROTESIS DENTAL 2004 SL. All other Trademarks mentioned are the property of their respective Owners and neither them nor the trademarks are associated to IMPLANT PROTESIS DENTAL 2004 SL.

List of available systems

Digital analog	Scanbody			Custom Unitary Interface				Custom Multiple Interface			
	Unit 10 mm	Unit 15 mm	Multiple 10 mm	0,1 - 1 mm Height	1,1 - 2 mm Height	2,1 - 3 mm Height	≥ 3,5 mm Height	0,1 - 1 mm Height	1,1 - 2 mm Height	2,1 - 3 mm Height	≥ 3,1 mm Height
NOBEL BIOCARE®											
AA - Branemark System®											
∅ 3.5	•	•	•	•	•	•	•	•	•	•	•
∅ 4.1	•	•	•	•	•	•	•	•	•	•	•
∅ 5.1	•	•	•	•	•	•	•	•	•	•	•
AB - Multi-unit											
∅ 4.8	•	•	•	•	•	•	•	•	•	•	•
AC - Nobel Replace® Select											
∅ 3.5	•	•	•	•	•	•	•	•	•	•	•
∅ 4.3	•	•	•	•	•	•	•	•	•	•	•
∅ 5	•	•	•	•	•	•	•	•	•	•	•
AD - Nobel Active®											
∅ 3	•	•	•	•	•	•	•	•	•	•	•
∅ 3.5	•	•	•	•	•	•	•	•	•	•	•
∅ 4.3	•	•	•	•	•	•	•	•	•	•	•
BIOMET® 3i®											
BA - Externa™ 3i®											
∅ 3.4	•	•	•	•	•	•	•	•	•	•	•
∅ 4.1	•	•	•	•	•	•	•	•	•	•	•
∅ 5	•	•	•	•	•	•	•	•	•	•	•
BB - Certain®											
∅ 3.4	•	•	•	•	•	•	•	•	•	•	•
∅ 4.1	•	•	•	•	•	•	•	•	•	•	•
∅ 5	•	•	•	•	•	•	•	•	•	•	•
KLOCKNER®											
CA - SK2-NK2											
∅ 4.2	•	•	•	•	•	•	•	•	•	•	•
CB - Essential Cone®											
∅ 4.5	•	•	•	•	•	•	•	•	•	•	•
CC - KL™											
∅ 3.5	•	•	•	•	•	•	•	•	•	•	•
∅ 4.1	•	•	•	•	•	•	•	•	•	•	•
∅ 5.1	•	•	•	•	•	•	•	•	•	•	•
CD - Vega®											
∅ 3.5	•	•	•	•	•	•	•	•	•	•	•
∅ 4,0/4,5	•	•	•	•	•	•	•	•	•	•	•
STRAUMANN®											
DA - Tissue Level											
∅ 4.8 RN	•	•	•	•	•	•	•	•	•	•	•
∅ 4.8 SynOcta	•	•	•	•	•	•	•	•	•	•	•
∅ 6.5 WN	•	•	•	•	•	•	•	•	•	•	•
DB - Bone Level											
∅ 3.3 NC	•	•	•	•	•	•	•	•	•	•	•
∅ 4.1 RC	•	•	•	•	•	•	•	•	•	•	•

- Available produ
- Available during 2020

ipd and IPD 2004 are registered trademarks of IMPLANT PROTESIS DENTAL 2004 SL. All other Trademarks mentioned are the property of their respective Owners and neither them nor the trademarks are associated to IMPLANT PROTESIS DENTAL 2004 SL.

Digital analog	Scanbody			Custom Unitary Interface				Custom Multiple Interface			
	Unit 10 mm	Unit 15 mm	Multiple 10 mm	0,1 - 1 mm Height	1,1 - 2 mm Height	2,1 - 3 mm Height	≥ 3,5 mm Height	0,1 - 1 mm Height	1,1 - 2 mm Height	2,1 - 3 mm Height	≥ 3,1 mm Height
ASTRA®											
EA - Osseospeed™											
∅ 3	•	•	•	•	•	•	•	•	•	•	•
∅ 3.5-4.0	•	•	•	•	•	•	•	•	•	•	•
∅ 4.5-5.0	•	•	•	•	•	•	•	•	•	•	•
EB - Evolution®											
∅ 3.6	•	•	•	•	•	•	•	•	•	•	•
∅ 4.2	•	•	•	•	•	•	•	•	•	•	•
ZIMMER®											
FA - Screw Vent®											
∅ 3.5	•	•	•	•	•	•	•	•	•	•	•
∅ 4.5	•	•	•	•	•	•	•	•	•	•	•
∅ 5.7	•	•	•	•	•	•	•	•	•	•	•
FB - Swissplus®											
∅ 4.8	•	•	•	•	•	•	•	•	•	•	•
BTI®											
GA - Externa											
∅ 3.5	•	•	•	•	•	•	•	•	•	•	•
∅ 4.1	•	•	•	•	•	•	•	•	•	•	•
∅ 5.5	•	•	•	•	•	•	•	•	•	•	•
GB - Interna Universal®											
∅ 4.1	•	•	•	•	•	•	•	•	•	•	•
∅ 5.5	•	•	•	•	•	•	•	•	•	•	•
MICRODENT®											
HA - Microdent® System											
∅ 3.5	•	•	•	•	•	•	•	•	•	•	•
∅ 4.2	•	•	•	•	•	•	•	•	•	•	•
∅ 5.1	•	•	•	•	•	•	•	•	•	•	•
HB - Microdent® Universal™											
∅ 3.5	•	•	•	•	•	•	•	•	•	•	•
∅ 4.1	•	•	•	•	•	•	•	•	•	•	•
∅ 5.1	•	•	•	•	•	•	•	•	•	•	•
DENTSPLY®											
IA - Xive® Friadent®											
∅ 3.4	•	•	•	•	•	•	•	•	•	•	•
∅ 3.8	•	•	•	•	•	•	•	•	•	•	•
∅ 4.5	•	•	•	•	•	•	•	•	•	•	•
IB - Ankylos®											
C/X	•	•	•	•	•	•	•	•	•	•	•
CAMLOG®											
JA - Camlog®											
∅ 3.3	•	•	•	•	•	•	•	•	•	•	•
∅ 3.8	•	•	•	•	•	•	•	•	•	•	•
∅ 4.3	•	•	•	•	•	•	•	•	•	•	•

ipd and IPD 2004 are registered trademarks of IMPLANT PROTESIS DENTAL 2004 SL. All other Trademarks mentioned are the property of their respective Owners and neither them nor the trademarks are associated to IMPLANT PROTESIS DENTAL 2004 SL.



You can find all our catalog novelties
and extensions at the following website:

www.ipd2004.com





Camí del Mig, 71
08302 Mataró (Barcelona)
Tel.: (+34) 93 278 84 91
Fax: (+34) 93 757 18 44
info@ipd2004.com
www.ipd2004.com

IMPLANT PROTESIS DENTAL 2004 SL
