



Installation and abutment selection guide for IPD's Interface library for Exocad.

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  1. Standard Interfaces
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  5. Klockner® Essential® Regular Platform

# 1. Installation

## STEP 1

If you are downloading the library from Spain:

Download the library by filling the library form request from

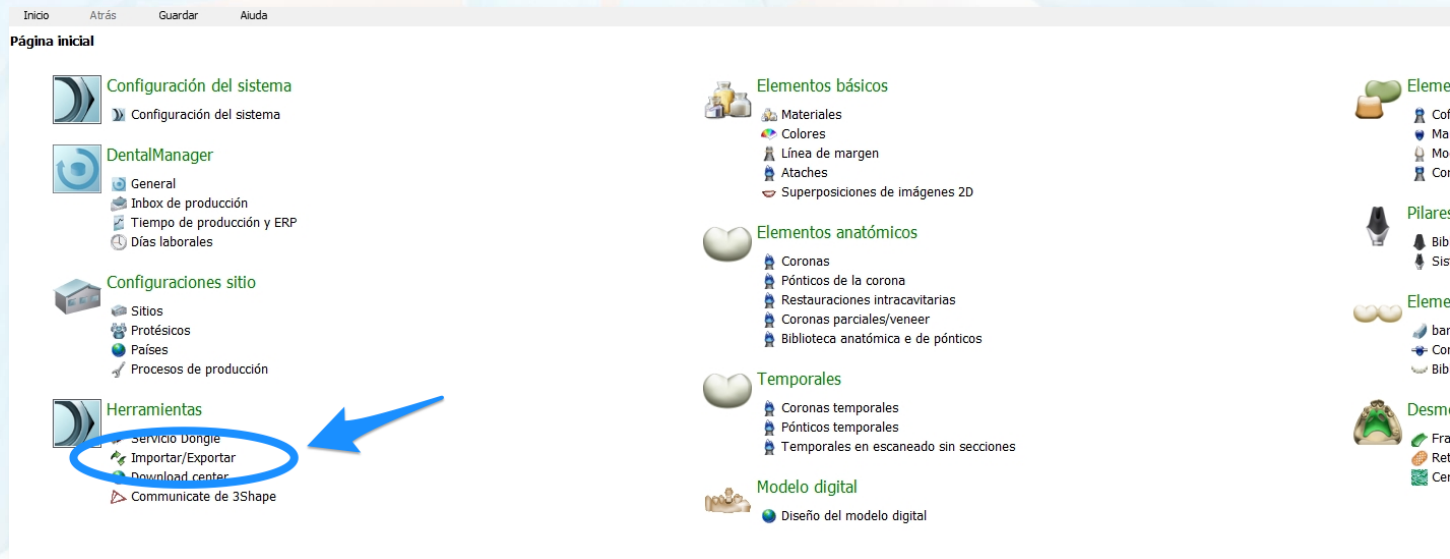
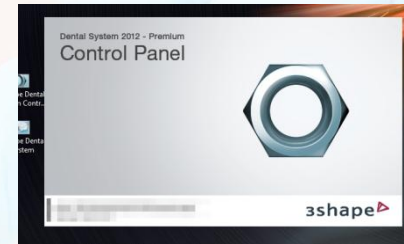
<https://ipd2004.com/library/>

If you want to download the library from outside Spain, please contact your local distributor.

# 1. Installation

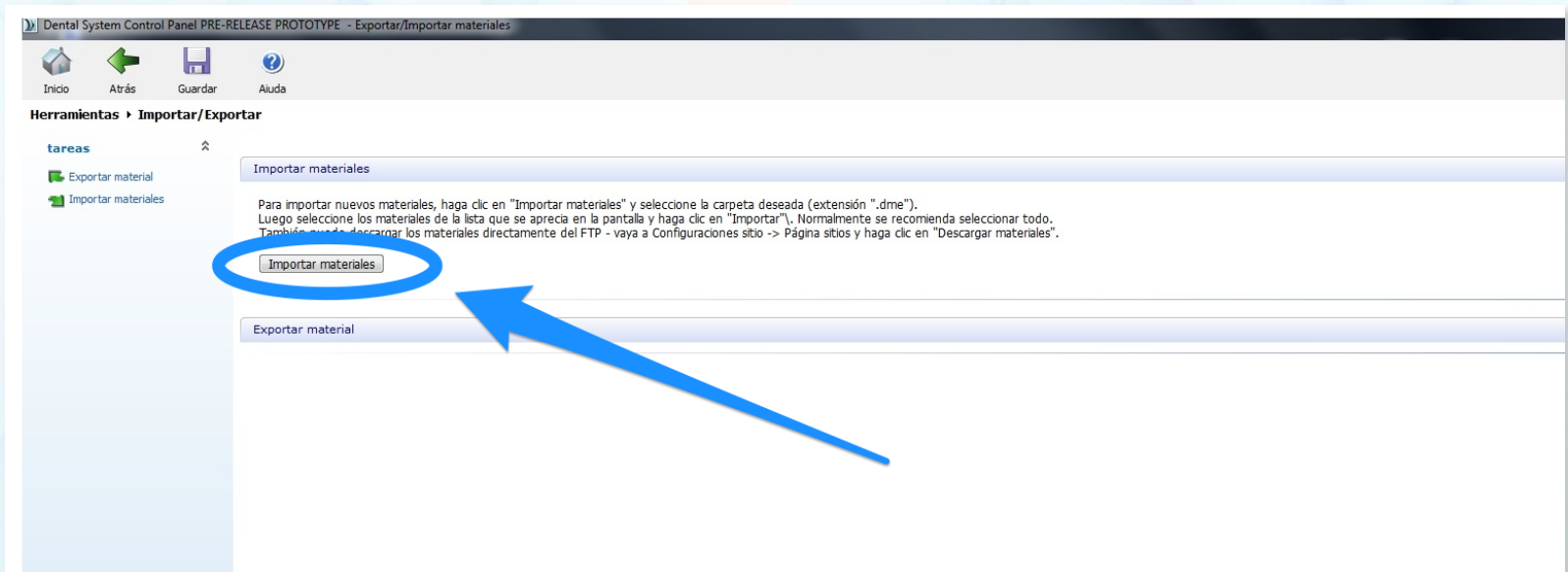
Library is imported through the *Control Panel* of your 3Shape system

## 1. Choose *Import/Export*



# 1. Installation

## 2. Click *import material*



Dental System Control Panel PRE-RELEASE PROTOTYPE - Exportar/Importar materiales

Inicio Atrás Guardar Ayuda

Herramientas > Importar/Exportar

tareas

- Exportar material
- Importar materiales

Importar materiales

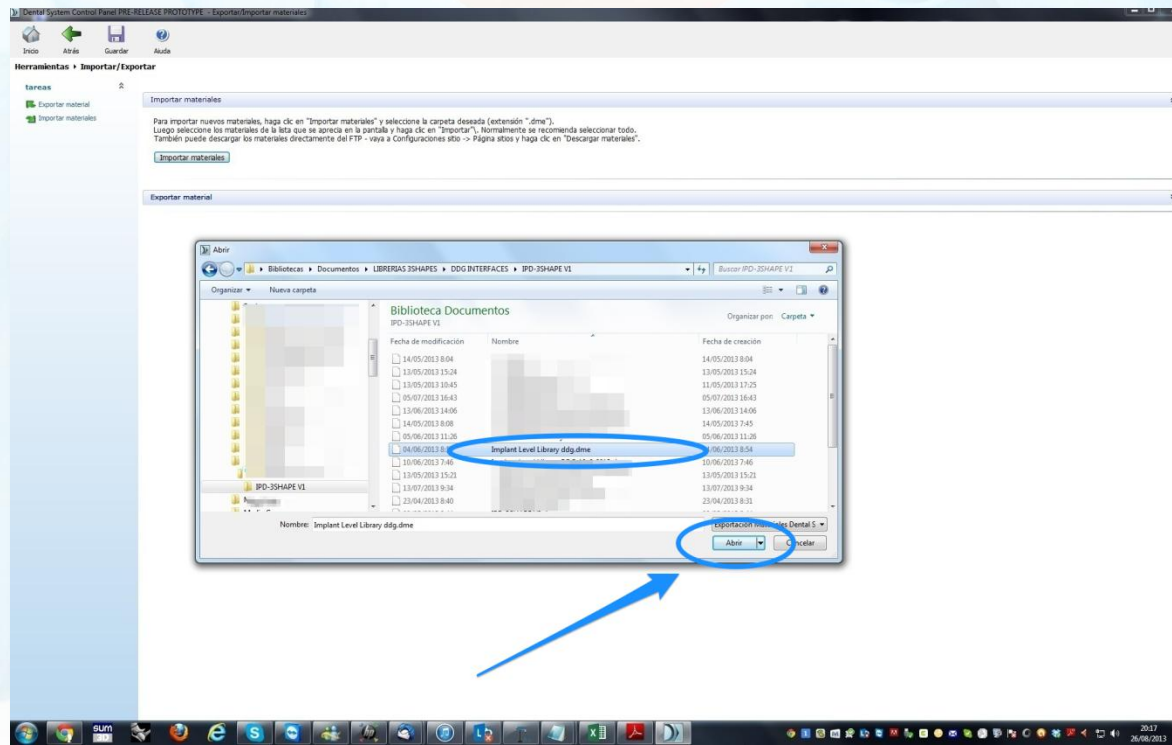
Para importar nuevos materiales, haga clic en "Importar materiales" y seleccione la carpeta deseada (extensión ".dme"). Luego seleccione los materiales de la lista que se aprecia en la pantalla y haga clic en "Importar". Normalmente se recomienda seleccionar todo. También puede descargar los materiales directamente del FTP - vaya a Configuraciones sitio -> Página sitios y haga clic en "Descargar materiales".

Importar materiales

Exportar material

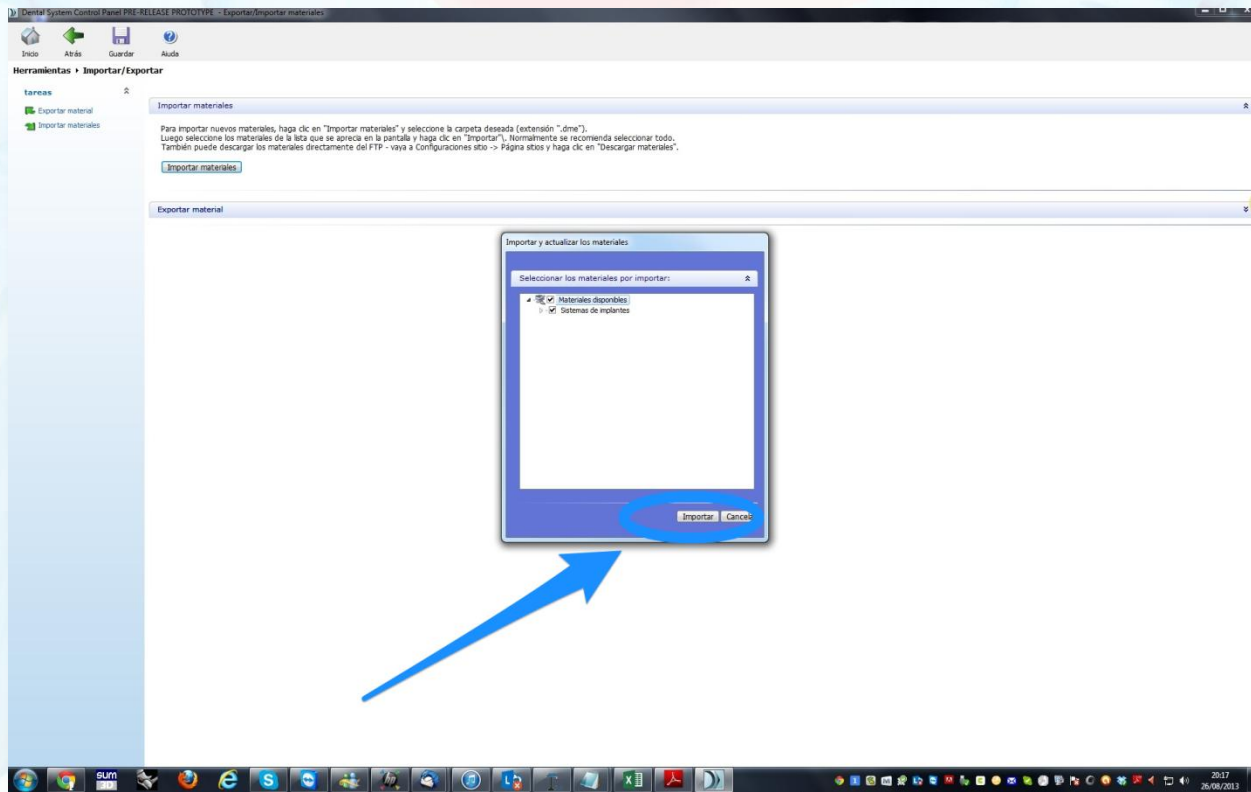
# 1. Installation

## 3. Choose and open IPD library



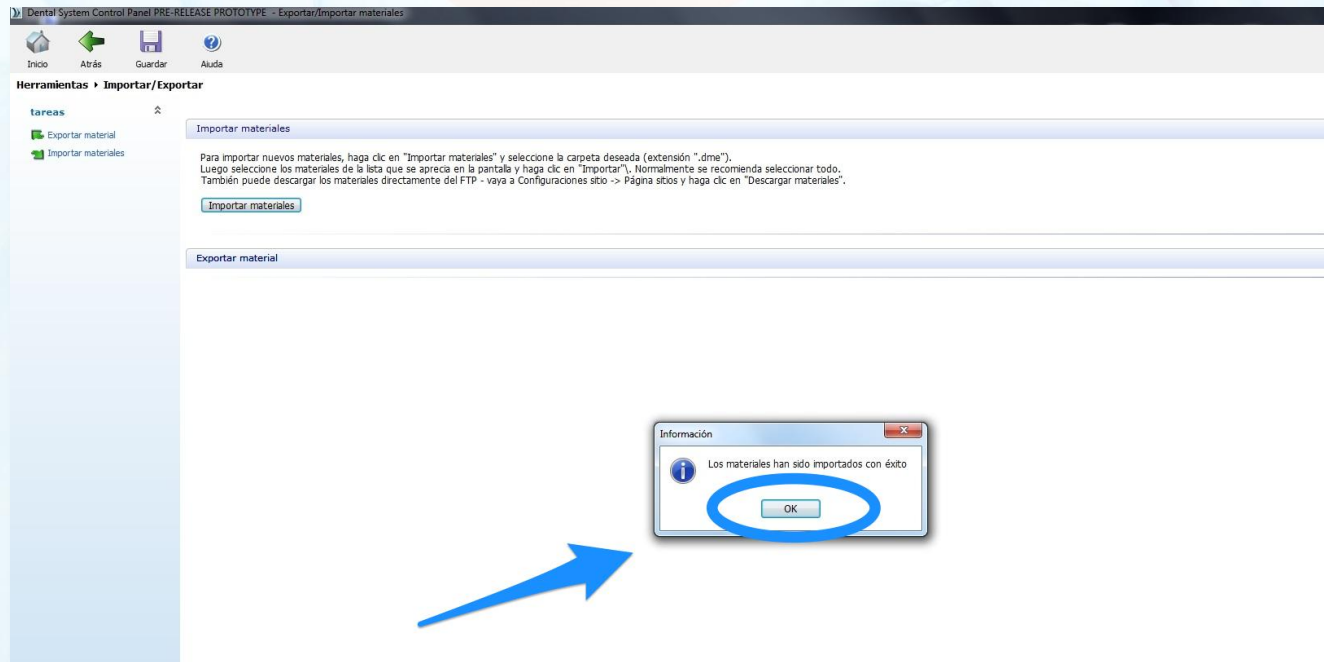
# 1. Installation

## 4. Click “import”



# 1. Installation

5. Click “OK” to confirm





# 1. Installation

## 6. Save and confirm

Dental System Control Panel PRE-RELEASE PROTOTYPE - Exportar/Importar materiales

Herramientas ▶ Importar/Exportar

tareas

- Exportar material
- Importar materiales

Importar materiales

Para importar nuevos materiales, haga clic en "Importar materiales" y seleccione la carpeta deseada (extensión ".dme"). Luego seleccione los materiales de la lista que se aprecia en la pantalla y haga clic en "Importar". Normalmente se recomienda seleccionar todo. También puede descargar los materiales directamente del FTP - vaya a Configuraciones sitio -> Página sitios y haga clic en "Descargar materiales".

Importar materiales

Exportar material

Página inicial

- Configuración del sistema
  - Configuración del sistema
- DentalManager
  - General
    - Inbox de producción
    - Tiempo de producción y ERP
    - Días laborales
  - Configuraciones sitio
    - Sitios
    - Prótesis
    - Pilares
    - Procesos de producción
- Herramientas
  - Servicio Dongle
  - Importar/Exportar
  - Download center
  - Comunicate de 3Shape

Elementos básicos

- Materiales
  - Colores
  - Línea de margen
  - Ataches
  - Superposiciones de imágenes 2D
- Elementos anatómicos
  - Coronas
    - Fónicos de la corona
    - Restauraciones intracavitarias
    - Coronas parciales/veneer
    - Biblioteca anatómica e de pñóticos
  - Temporales
    - Coronas temporales
    - Fónicos temporales

Elementos marco

- Cofias
  - Marco pñótico
  - Modelados en cera
  - Coronas telescópicas primarias
- Pilares
  - Biblioteca de tapas superiores
  - Sistemas de implantes
- Elementos puente
  - Barra reactiva
  - Conectores
  - Bibliotecas de sonrisas
- Desmontables
  - Franjas del perfil de cera
  - Retenciones
  - Ceras punteadas

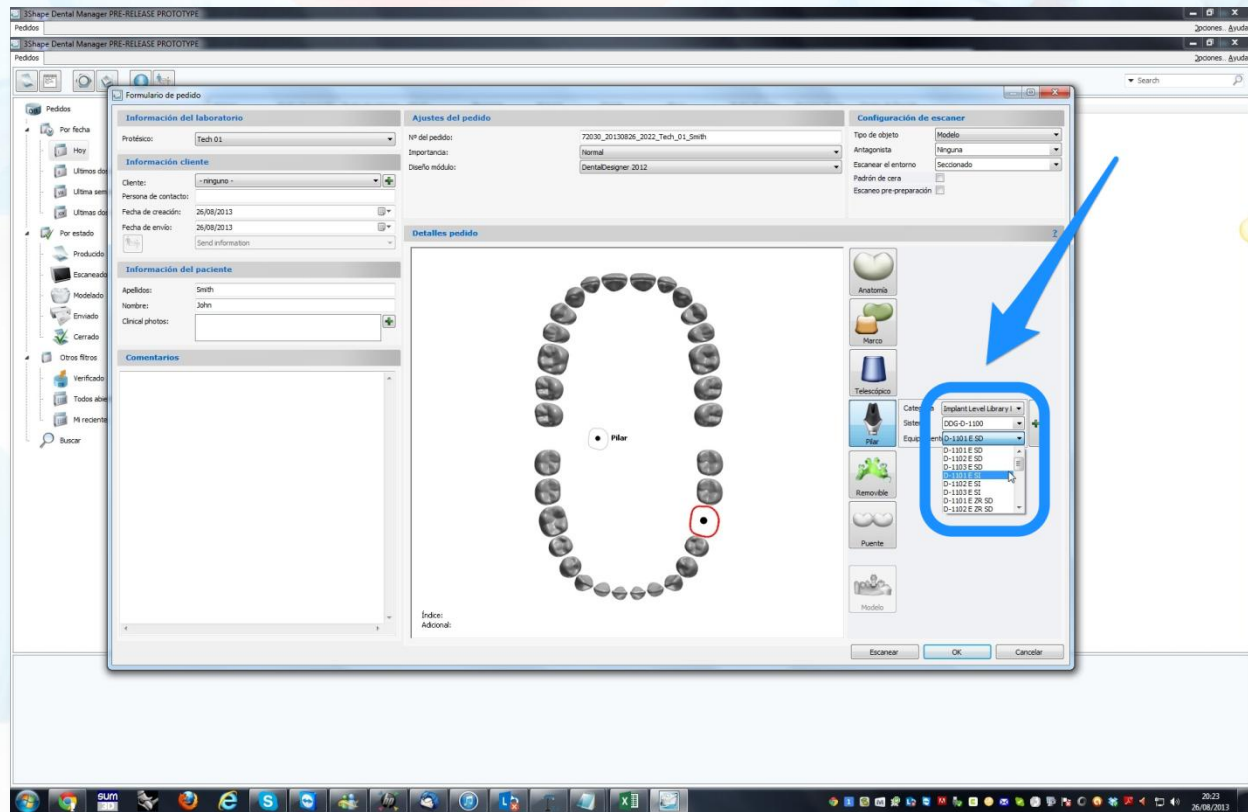
Confirmar guardar

¿Guardar cambios antes de cerrar?

Sí No Cancelar

## 1. Installation

Display of the imported IPD Library in the 3Shape Manager



## 2. Important recommendations

Interfaces are made of grade 5 Titanium. Standard Titanium-Titanium, Titanium-Zirconia, Titanium-CoCr cements can be used depending on the material used to make the crown.

Sandblasting of the interface prior to the bonding is not required, use instead hot steam to clean the bonding area.

Use always milling burs in good conditions. A milling bur with excessive wear may lead to a misfit between the interface abutment and the crown.

If you use ball nose end milling tools use only tools with a ball diameter  $\leq 0,6\text{mm}$ . If tools with a diameter  $> 0,6\text{mm}$  are used the crown may not fit on the interface.

### 3. How to use the Scan Body

IPD interface system uses only 3 types of scan bodies to cover all the range of connections and platforms (engaging, non engaging and multiunit type).

For scanning is required to use an interface as “connection converter”. Scan body is placed on top of the interface and hold together with a hollow screw (included with the scan body).

To tighten the hollow screw an IPD/KA-CI-09 screwdriver is required.

## 4. Library structure

Inside the IPD Interface System you will find the following options:

1. **Standard Interfaces**  
*Interfaces with standard supraconnection*
2. **Wide Platform Interfaces**  
*Interfaces with wide supraconnection base*
3. **MU Interfaces**  
*Interfaces for Multiunit abutments*
4. **TL RN**  
*Interfaces for Straumann Tissue Level Regular Neck*
5. **KL E RP**  
*Interfaces for Klockner Essential Regular Platform*

# 4.1. Standard Interfaces

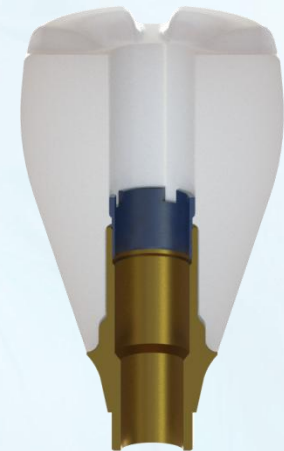
## a. ENGAGING RESTORATIONS WITH HOLLOW SCREW:

For designing on engaging Interfaces with standard supraconnection using the Hollow Screw system, choose:

- Standard Interfaces > Engaging with Hollow Screw

### COMPATIBILITIES

STANDARD INTERFACES (WITH/WITHOUT HOLLOW SCREW) ENGAGING			
IPD/AA-IN-(00/02)	Nobel Biocare® Branemark® Ø3.3	IPD/EA-IW-(00/02)	Astra® Osseospeed™ Ø4.5/5.0
IPD/AA-IR-(00/02/04)	Nobel Biocare® Branemark® Ø4.1	IPD/FA-IN-(00/02)	Zimmer® External Hex Ø3.7
	BTI® External Hex Ø4.1	IPD/FA-IR-(00/02/04)	Zimmer® External Hex Ø4.5
IPD/AC-IN-(00/02)	Sweden & Martina® External Hex	IPD/GA-IN-(00/02)	BTI® External Hex Ø3.5
	Phibo® TSH® S3-S4	IPD/GB-IR-(00/02/04)	BTI® Interna (Universal Ø4.1 / Wide Ø5.5)
IPD/AC-IR-(00/02/04)	Nobel Biocare® Replace Select® Ø3.5	IPD/IA-IN-00	Dentsply Friadent® Xive® Ø3.4
IPD/AD-IN-(00/02)	Nobel Biocare® Replace Select® Ø4.3	IPD/IA-IR-00	Dentsply Friadent® Xive® Ø3.8
IPD/AD-IR-(00/02)	Nobel Biocare® Nobel Active® Ø3.5	IPD/IA-IW-00	Dentsply Friadent® Xive® Ø4.5
IPD/BA-IN-(00/02)	Nobel Biocare® Nobel Active® Ø4.3	IPD/IB-IN-(00/02)	Dentsply Friadent® Ankylos® C/X
IPD/BB-IN-(00/02)	Biomet 3i® External Hex Ø3.25	IPD/JA-IN-00	Camlog® Camlog System® Ø3.3
IPD/BB-IR-(00/02/04)	Biomet 3i® Certain Ø3.4	IPD/JA-IR-00	Camlog® Camlog System® Ø3.8
IPD/DB-IN-(00/02)	Biomet 3i® Certain Ø4.1	IPD/JA-IW-00	Camlog® Camlog System® Ø4.3
IPD/DB-IR-(00/02)	Bone Level® Ø3.3	IPD/LB-IN-00	Biohorizons® Tapered Internal Ø3.5
IPD/EA-IN-(00/02)	Bone Level® Ø4.1	IPD/LB-IR-00	Biohorizons® Tapered Internal Ø4.5
IPD/EA-IR-(00/02)	Astra® Osseospeed™ Ø3.0	IPD/MB-IN-00	Sweden & Martina® Premium Kohno® Ø3.8
	Astra® Osseospeed™ Ø3.5/4.0	IPD/MB-IR-00	Sweden & Martina® Premium Kohno® Ø4.25



# 4.1. Standard Interfaces

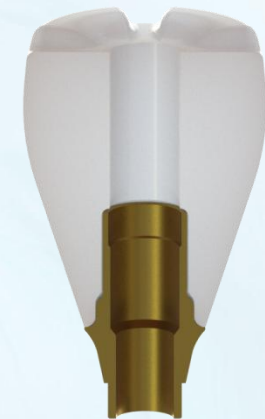
## b. ENGAGING RESTORATIONS WITHOUT HOLLOW SCREW:

For designing on engaging Interfaces with standard supraconnection without using the Hollow Screw system, choose:

- Standard Interfaces > Engaging without Hollow Screw

### COMPATIBILITIES

STANDARD INTERFACES (WITH/WITHOUT HOLLOW SCREW) ENGAGING			
IPD/AA-IN-(00/02)	Nobel Biocare® Branemark® Ø3.3	IPD/EA-IW-(00/02)	Astra® Osseospeed™ Ø4.5/5.0
IPD/AA-IR-(00/02/04)	Nobel Biocare® Branemark® Ø4.1	IPD/FA-IN-(00/02)	Zimmer® External Hex Ø3.7
	BTI® External Hex Ø4.1	IPD/FA-IR-(00/02/04)	Zimmer® External Hex Ø4.5
IPD/AC-IN-(00/02)	Sweden & Martina® External Hex	IPD/GA-IN-(00/02)	BTI® External Hex Ø3.5
	Phibo® TSH® S3-S4	IPD/GB-IR-(00/02/04)	BTI® Interna (Universal Ø4.1 / Wide Ø5.5)
IPD/AC-IR-(00/02/04)	Nobel Biocare® Replace Select® Ø3.5	IPD/IA-IN-00	Dentsply Friadent® Xive® Ø3.4
IPD/AD-IN-(00/02)	Nobel Biocare® Replace Select® Ø4.3	IPD/IA-IR-00	Dentsply Friadent® Xive® Ø3.8
IPD/AD-IR-(00/02)	Nobel Biocare® Nobel Active® Ø3.5	IPD/IA-IW-00	Dentsply Friadent® Xive® Ø4.5
IPD/BA-IN-(00/02)	Nobel Biocare® Nobel Active® Ø4.3	IPD/IB-IN-(00/02)	Dentsply Friadent® Ankylos® C/X
IPD/BB-IN-(00/02/04)	Biomet 3i® External Hex Ø3.25	IPD/JA-IN-00	Camlog® Camlog System® Ø3.3
IPD/BB-IR-(00/02/04)	Biomet 3i® Certain Ø3.4	IPD/JA-IR-00	Camlog® Camlog System® Ø3.8
IPD/DB-IN-(00/02)	Biomet 3i® Certain Ø4.1	IPD/JA-IW-00	Camlog® Camlog System® Ø4.3
IPD/DB-IR-(00/02)	Bone Level® Ø3.3	IPD/LB-IN-00	Biohorizons® Tapered Internal Ø3.5
IPD/EA-IN-(00/02)	Bone Level® Ø4.1	IPD/LB-IR-00	Biohorizons® Tapered Internal Ø4.5
IPD/EA-IR-(00/02)	Astra® Osseospeed™ Ø3.0	IPD/MB-IN-00	Sweden & Martina® Premium Kohno® Ø3.8
	Astra® Osseospeed™ Ø3.5/4.0	IPD/MB-IR-00	Sweden & Martina® Premium Kohno® Ø4.25



# 4.1. Standard Interfaces

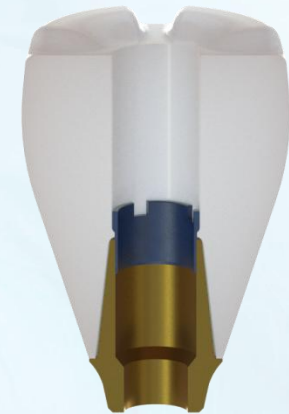
## c. NON-ENGAGING RESTORATIONS WITH HOLLOW SCREW:

For designing on non-engaging Interfaces with standard supraconnection using the Hollow Screw system, choose:

- Standard Interfaces > Non-engaging with Hollow Screw

### COMPATIBILITIES

STANDARD INTERFACES (WITH/WITHOUT HOLLOW SCREW) NON-ENGAGING			
IPD/AA-IN-(01/03)	Nobel Biocare® Branemark® Ø3.3	IPD/EA-IW-(01/03)	Astra® Osseospeed™ Ø4.5/5.0
IPD/AA-IR-(01/03/05)	Nobel Biocare® Branemark® Ø4.1	IPD/FA-IN-(01/03)	Zimmer® External Hex Ø3.7
	BTI® External Hex Ø4.1	IPD/FA-IR-(01/03/05)	Zimmer® External Hex Ø4.5
IPD/AC-IN-(01/03)	Sweden & Martina® External Hex	IPD/GA-IN-(01/03)	BTI® External Hex Ø3.5
	Phibo® TSH® S3-S4	IPD/GB-IR-(01/03/05)	BTI® Interna (Universal Ø4.1 / Wide Ø5.5)
IPD/AC-IR-(01/03/05)	Nobel Biocare® Replace Select® Ø3.5	IPD/IA-IN-01	Dentsply Friadent® Xive® Ø3.4
IPD/AD-IN-(01/03)	Nobel Biocare® Replace Select® Ø4.3	IPD/IA-IR-01	Dentsply Friadent® Xive® Ø3.8
	Nobel Biocare® Nobel Active® Ø3.5	IPD/IA-IW-01	Dentsply Friadent® Xive® Ø4.5
IPD/AD-IR-(01/03)	Nobel Biocare® Nobel Active® Ø4.3	IPD/IB-IN-(01/03)	Dentsply Friadent® Ankylos® C/X
IPD/BA-IN-(01/03)	Biomet 3i® External Hex Ø3.25	IPD/JA-IN-01	Camlog® Camlog System® Ø3.3
IPD/BB-IN-(01/03)	Biomet 3i® Certain Ø3.4	IPD/JA-IR-01	Camlog® Camlog System® Ø3.8
IPD/BB-IR-(01/03/05)	Biomet 3i® Certain Ø4.1	IPD/JA-IW-01	Camlog® Camlog System® Ø4.3
IPD/DB-IN-(01/03)	Bone Level® Ø3.3	IPD/LB-IN-01	Biohorizons® Tapered Internal Ø3.5
IPD/DB-IR-(01/03)	Bone Level® Ø4.1	IPD/LB-IR-01	Biohorizons® Tapered Internal Ø4.5
IPD/EA-IN-(01/03)	Astra® Osseospeed™ Ø3.0	IPD/MB-IN-01	Sweden & Martina® Premium Kohno® Ø3.8
IPD/EA-IR-(01/03)	Astra® Osseospeed™ Ø3.5/4.0	IPD/MB-IR-01	Sweden & Martina® Premium Kohno® Ø4.25





# 4.1. Standard Interfaces

## d. NON-ENGAGING RESTORATIONS WITHOUT HOLLOW SCREW:

For designing on non-engaging Interfaces with standard supraconnection without using the Hollow Screw system, choose:

- Standard Interfaces > Non-engaging without Hollow Screw

### COMPATIBILITIES

STANDARD INTERFACES (WITH/WITHOUT HOLLOW SCREW) NON-ENGAGING			
IPD/AA-IN-(01/03)	Nobel Biocare® Branemark® Ø3.3	IPD/EA-IW-(01/03)	Astra® Osseospeed™ Ø4.5/5.0
IPD/AA-IR-(01/03/05)	Nobel Biocare® Branemark® Ø4.1	IPD/FA-IN-(01/03)	Zimmer® External Hex Ø3.7
	BTI® External Hex Ø4.1	IPD/FA-IR-(01/03/05)	Zimmer® External Hex Ø4.5
IPD/AC-IN-(01/03)	Sweden & Martina® External Hex	IPD/GA-IN-(01/03)	BTI® External Hex Ø3.5
	Phibo® TSH® S3-S4	IPD/GB-IR-(01/03/05)	BTI® Interna (Universal Ø4.1 / Wide Ø5.5)
IPD/AC-IR-(01/03/05)	Nobel Biocare® Replace Select® Ø3.5	IPD/IA-IN-01	Dentsply Friadent® Xive® Ø3.4
IPD/AD-IN-(01/03)	Nobel Biocare® Replace Select® Ø4.3	IPD/IA-IR-01	Dentsply Friadent® Xive® Ø3.8
IPD/AD-IR-(01/03)	Nobel Biocare® Nobel Active® Ø3.5	IPD/IA-IW-01	Dentsply Friadent® Xive® Ø4.5
IPD/BA-IN-(01/03)	Nobel Biocare® Nobel Active® Ø4.3	IPD/IB-IN-(01/03)	Dentsply Friadent® Ankylos® C/X
IPD/BB-IN-(01/03)	Biomet 3i® External Hex Ø3.25	IPD/JA-IN-01	Camlog® Camlog System® Ø3.3
IPD/BB-IR-(01/03/05)	Biomet 3i® Certain Ø3.4	IPD/JA-IR-01	Camlog® Camlog System® Ø3.8
IPD/DB-IN-(01/03)	Biomet 3i® Certain Ø4.1	IPD/JA-IW-01	Camlog® Camlog System® Ø4.3
IPD/DB-IR-(01/03)	Bone Level® Ø3.3	IPD/LB-IN-01	Biohorizons® Tapered Internal Ø3.5
IPD/EA-IN-(01/03)	Bone Level® Ø4.1	IPD/LB-IR-01	Biohorizons® Tapered Internal Ø4.5
IPD/EA-IR-(01/03)	Astra® Osseospeed™ Ø3.0	IPD/MB-IN-01	Sweden & Martina® Premium Kohno® Ø3.8
	Astra® Osseospeed™ Ø3.5/4.0	IPD/MB-IR-01	Sweden & Martina® Premium Kohno® Ø4.25



## 4.2. Wide Platform Interfaces

### a. ENGAGING RESTORATIONS WITH HOLLOW SCREW:

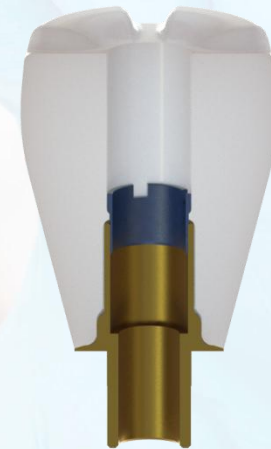
For designing on engaging wide platform Interfaces using the Hollow Screw system, choose:

- Wide Platform Interfaces > Engaging with Hollow Screw

### COMPATIBILITIES

#### WIDE PLATFORM (WITH/WITHOUT HOLLOW SCREW) ENGAGING

IPD/AC-IW-(00/02/04)	Nobel Biocare® Replace Select® ø5.0
IPD/BA-IW-(00/02/04)	Biomet 3i® Hexágono Externo ø5.1
IPD/BB-IW-(00/02/04)	Biomet 3i® Certain® ø5.0
IPD/GA-IW-00	BTI® Hexágono Externo ø5.5



## 4.2. Wide Platform Interfaces

### b. ENGAGING RESTORATIONS WITHOUT HOLLOW SCREW:

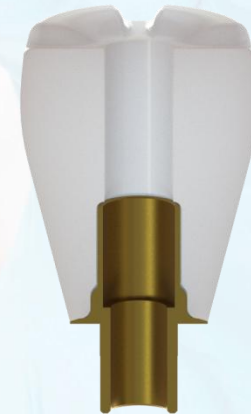
For designing on engaging wide platform Interfaces without using the Hollow Screw system, choose:

- Wide Platform Interfaces > Engaging without Hollow Screw

### COMPATIBILITIES

#### WIDE PLATFORM (WITH/WITHOUT HOLLOW SCREW) ENGAGING

IPD/AC-IW-(00/02/04)	Nobel Biocare® Replace Select® ø5.0
IPD/BA-IW-(00/02/04)	Biomet 3i® Hexágono Externo ø5.1
IPD/BB-IW-(00/02/04)	Biomet 3i® Certain® ø5.0
IPD/GA-IW-00	BTI® Hexágono Externo ø5.5



## 4.2. Wide Platform Interfaces

### c. NON-ENGAGING RESTORATIONS WITH HOLLOW SCREW:

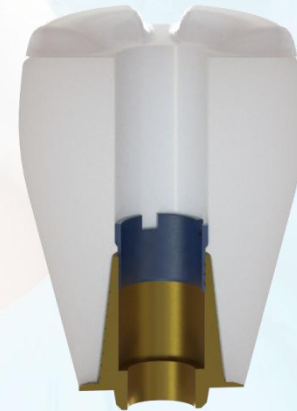
For designing on non-engaging wide platform Interfaces using the Hollow Screw system, choose:

- Wide Platform Interfaces > Non-engaging with Hollow Screw

### COMPATIBILITIES

#### WIDE PLATFORM (WITH/WITHOUT HOLLOW SCREW) NON-ENGAGING

IPD/AC-IW-(01/03/05)	Nobel Biocare® Replace Select® ø5.0
IPD/BA-IW-(01/03/05)	Biomet 3i® Hexágono Externo ø5.1
IPD/BB-IW-(01/03/05)	Biomet 3i® Certain® ø5.0
IPD/GA-IW-01	BTI® Hexágono Externo ø5.5



## 4.2. Wide Platform Interfaces

### d. NON-ENGAGING RESTORATIONS WITHOUT HOLLOW SCREW:

For designing on non-engaging wide platform Interfaces without using the Hollow Screw system, choose:

- Wide Platform Interfaces > Non-engaging without Hollow Screw

### COMPATIBILITIES

#### WIDE PLATFORM (WITH/WITHOUT HOLLOW SCREW) NON-ENGAGING

IPD/AC-IW-(01/03/05)	Nobel Biocare® Replace Select® ø5.0
IPD/BA-IW-(01/03/05)	Biomet 3i® Hexágono Externo ø5.1
IPD/BB-IW-(01/03/05)	Biomet 3i® Certain® ø5.0
IPD/GA-IW-01	BTI® Hexágono Externo ø5.5



## 4.3. MU Interfaces

### a. NON-ENGAGING RESTORATIONS WITH HOLLOW SCREW:

For designing on multiunit Interfaces using the Hollow Screw system, choose:

- MU interfaces > Non-engaging with Hollow Screw

### COMPATIBILITIES

MULTIUNIT (WITH/WITHOUT HOLLOW SCREW) NON-ENGAGING

IPD/AB-IR-01

Multiunit



## 4.3. MU Interfaces

### b. NON-ENGAGING RESTORATIONS WITHOUT HOLLOW SCREW:

For designing on multiunit Interfaces without using the Hollow Screw system, choose:

- MU interfaces > Non-engaging without Hollow Screw

### COMPATIBILITIES

MULTIUNIT (WITH/WITHOUT HOLLOW SCREW) NON-ENGAGING

IPD/AB-IR-01

Multiunit



## 4.4. TL RN

### a. ENGAGING RESTORATIONS WITH HOLLOW SCREW:

For designing on engaging Straumann® Tissue Level® Regular Neck Interfaces using the Hollow Screw system, choose:

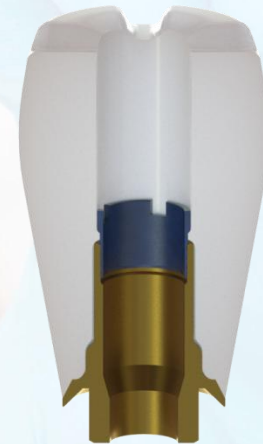
- TL RN > Engaging with Hollow Screw

### COMPATIBILITIES

TISSUE LEVEL® (WITH/WITHOUT HOLLOW SCREW) ENGAGING

IPD/DA-IR-00

Tissue Level® Ø4.8





## 4.4. TL RN

### b. ENGAGING RESTORATIONS WITHOUT HOLLOW SCREW:

For designing on engaging Straumann® Tissue Level® Regular Neck Interfaces without using the Hollow Screw system, choose:

- TL RN > Engaging without Hollow Screw

### COMPATIBILITIES

TISSUE LEVEL® (WITH/WITHOUT HOLLOW SCREW) ENGAGING

IPD/DA-IR-00

Tissue Level®  $\varnothing 4.8$



## 4.4. TL RN

### c. NON-ENGAGING RESTORATIONS WITH HOLLOW SCREW:

For designing on non-engaging Straumann® Tissue Level® Regular Neck Interfaces using the Hollow Screw system, choose:

- TL RN > Non-engaging with Hollow Screw

### COMPATIBILITIES

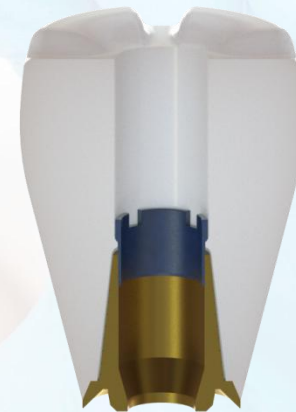
#### TISSUE LEVEL® (WITH/WITHOUT HOLLOW SCREW) NON-ENGAGING

IPD/DA-IR-01

Tissue Level® Ø4.8 (implant level)

IPD/DA-IR-11

Tissue Level® Ø4.8 (Synocta® level)



## 4.4. TL RN

### d. NON-ENGAGING RESTORATIONS WITHOUT HOLLOW SCREW:

For designing on non-engaging Straumann® Tissue Level® Regular Neck Interfaces without using the Hollow Screw system, choose:

- TL RN > Non-engaging without Hollow Screw

### COMPATIBILITIES

#### TISSUE LEVEL® (WITH/WITHOUT HOLLOW SCREW) NON-ENGAGING

IPD/DA-IR-01

Tissue Level® Ø4.8 (sobre implante)

IPD/DA-IR-11

Tissue Level® Ø4.8 (Synocta®)



## 4.5. KL E RP

### a. ENGAGING RESTORATIONS WITH HOLLOW SCREW:

For designing on engaging Klockner® Essential® Regular Platform Interfaces using the Hollow Screw system, choose:

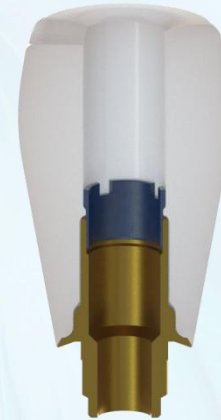
- KL E RP > Engaging with Hollow Screw

### COMPATIBILITIES

KLOCKNER® ESSENTIAL® (WITH/WITHOUT HOLLOW SCREW) ENGAGING

IPD/CB-IR-00

Klockner® Essential® ø4.5



## 4.5. KL E RP

### b. ENGAGING RESTORATIONS WITHOUT HOLLOW SCREW:

For designing on engaging Klockner® Essential® Regular Platform Interfaces without using the Hollow Screw system, choose:

- KL E RP > Engaging without Hollow Screw

### COMPATIBILITIES

KLOCKNER® ESSENTIAL® (WITH/WITHOUT HOLLOW SCREW) ENGAGING

IPD/CB-IR-00

Klockner® Essential® ø4.5



## 4.5. KL E RP

### c. NON-ENGAGING RESTORATIONS WITH HOLLOW SCREW:

For designing on non-engaging Klockner® Essential® Regular Platform Interfaces using the Hollow Screw system, choose:

- KL E RP > Non-engaging with Hollow Screw

### COMPATIBILITIES

KLOCKNER® ESSENTIAL® (WITH/WITHOUT HOLLOW SCREW) NON-ENGAGING

IPD/CB-IR-01

Klockner® Essential® Ø4.5



## 4.5. KL E RP

### d. NON-ENGAGING RESTORATIONS WITHOUT HOLLOW SCREW:

For designing on non-engaging Klockner® Essential® Regular Platform Interfaces without using the Hollow Screw system, choose:

- KL E RP > Non-engaging without Hollow Screw

### COMPATIBILITIES

KLOCKNER® ESSENTIAL® (WITH/WITHOUT HOLLOW SCREW) NON-ENGAGING

IPD/CB-IR-01

Klockner® Essential® Ø4.5





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