



## M6 Titanium pre-milled abutments

Grade 5 titanium alloy material  
Premilled interface  
anti-corrosion and wear-resistant





## M6 Brand - Introduction

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M6 enterprise was established in 2007. As a professional medical equipment manufacturer, M6 is driven by the mission to build a top quality implant company. By stating the long-lasting faith for the health of all human being, sustainable growth of a green world, we are committed to research & develop with great effort. With abundance of time, capital, human-resources invested into M6 implant project and supportive production, M6 obtained CRISC and FDA501(K). As an international medical company with global vision, an enterprise in oral healthy professional field, M6 has been exported implant to Mexico, United States, countries in Europe and Asia. Among those more than 20 countries, M6 builds a trusted image by providing high quality implant, dental material, and general medical product. It is, and it will be, the customers-oriented point of core value, to motivate M6 keeping on researching developing, innovating best quality product and services.



# INNOVATION for A SMART FUTURE

ONE STOP SHOP FOR DIGITAL IMPLANTOLOGY

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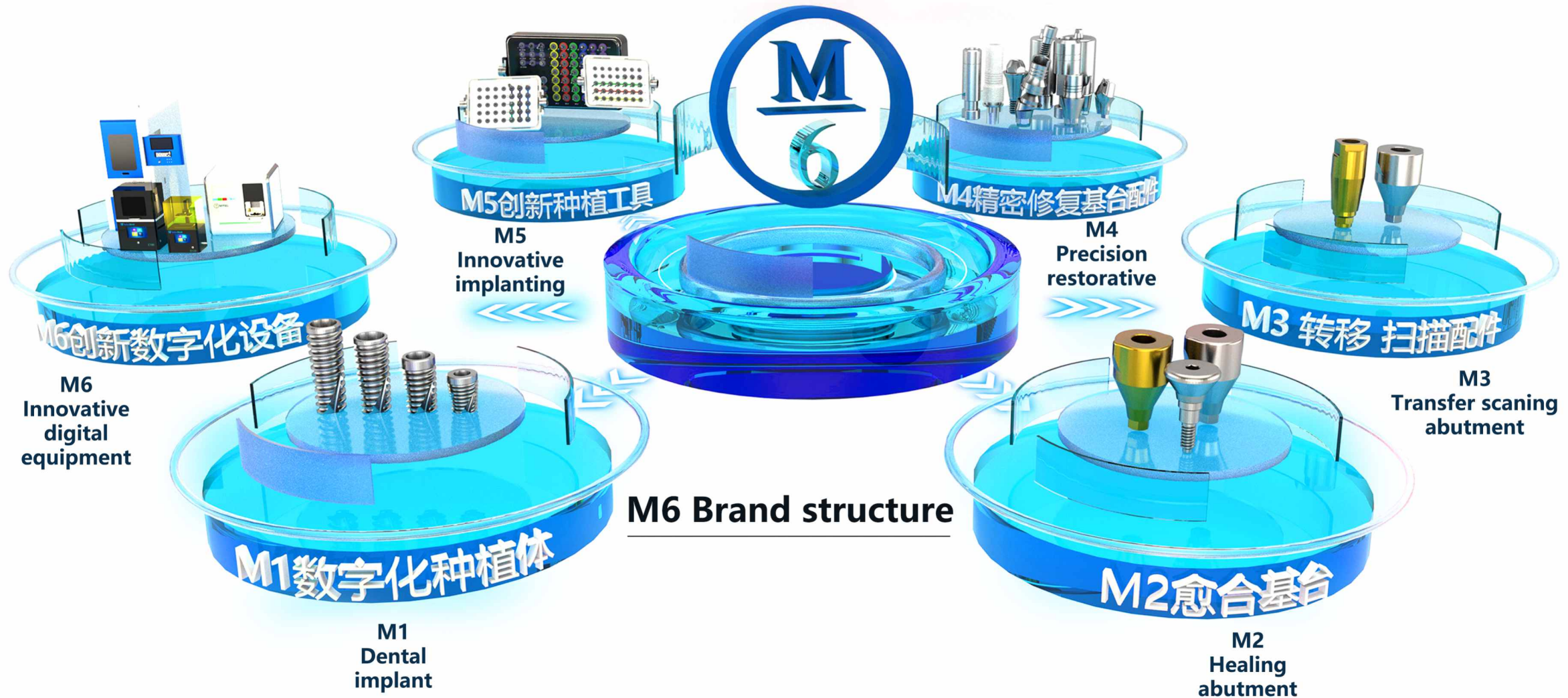
## **Choose M6**

With the perfect implant restoration as the guide, focus on innovative technology, through the clinical technician digital application of knowledge based on equipment/ implant accessories/ professional training/difficult cases to solve/surgical solutions, from the first phase of cavity preparation implants to the upper permanent restoration to provide you with digital oral implants one-stop service.

## **Core Values**

With the core values of innovation, customer achievement, integrity and responsibility, Hetailai people promote new technologies together with industry colleagues and step into the digital future.

# INNOVATION FOR A SMART FUTURE



## Hetailai Group - Introduction

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Founded in 2012 in Shenzhen, the capital of innovation, Hetailai is an innovative dental technology company dedicated to helping dentists solve the complex challenges of restorative dentistry while improving the quality of life of patients around the world. After 10 years of development, the company has formed a digital dentistry group that is now in its infancy. With the core values of innovation, customer satisfaction, integrity and responsibility, we are committed to promoting new technologies with our colleagues in the industry and moving into the digital future together.



# Hetailai Dental Digital Industrial Park

covers an area of 2000+ square meters



Comprehensive service



He Tai Lai brand



Research and development of planting accessories



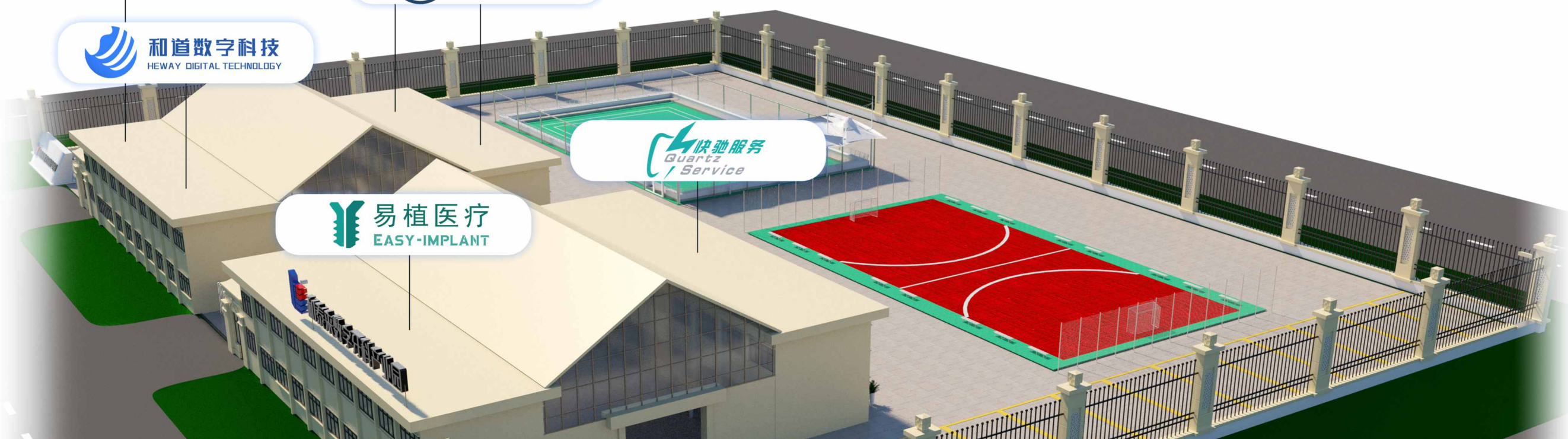
Technical support | 3 D printing | operation program training



Difficult repair design processing and milling services



Milling machine research and development production



**The production capacity is 420,000 pieces per month**

**45** imported automatic production lines in **3** workshops in Shenzhen, Dongguan and South Korea

### **Quality assurance**

Product quality inspection process must pass intelligent full inspection of equipment - semi-automatic inspection equipment - manual inspection, average 20 procedures and quality inspection process, to ensure product accuracy and quality.





**2012**

Founded in 2012, Hetele Digital Dental has been focusing on the innovative application of digital dental implants for 10 years. We provide one-stop service to the dental labs by "total solution". Our original "3S Digital Implant Service" has supported the start and development of more than 1000 implant restoration businesses.

**2015**

In 2015, we set up a 24-hour digital service center to provide design and processing services for dental labs, and our 24-hour commitment to high quality and fast delivery has been recognized by our European and American customers.

**2018**

In 2018, we launched the research and development of implant restoration category, focusing on the research and development of AIO system in the field of implant restoration segment to fully carry out the licensing of AIO system. In the same year, we invested in the research and development of 3D printers and materials, and launched a variety of complex implant solutions.

Ten years  
**10**

history of Hetailai dental

**2016**

In 2016, with the participation of several implantologists and restorative dentists, we set up a "Research and Development Center" and a presentation center for digital dentistry. The collaboration of all parties provides high-quality technical support for the growing number of implant restorations.

**2017**

In 2017, our high quality products and complete solutions won the favor of foreign partners to expand our products to the United States, Australia, Russia, etc. on an OEM service.

**2019**

In 2019, we obtained several CFDA licenses for implant accessories. Completed M6 brand system implants and peripheral accessories, and DEN-TOP brand successfully opened overseas market.

## 2020

In 2020, we built a digital industrial park to fully realize the integrated industry chain from equipment production to implant restoration. And the establishment of the implant milling machine division will not forget the original intention to focus on the innovative application of digital dental implants, and constantly overcome complex problems to make implantation more simple.

## 2022

In 2022, we started a number of CFDA Class III certifications, focusing on research and development of innovative implant restorations, investing more manpower and equipment for research and development, and setting up several laboratories and corresponding instruments for new product testing. The capital investment more than 10 million, 12 imported fully automatic production equipment, now Shenzhen / Korea / Dongguan a total of 40 fully automatic production line, the monthly production capacity of 370,000 pieces.

## 2021

In 2021, in order to solve technical problems, we do training 200+ times, oriented to perfect implant restoration, dedicated to the complex challenges of dental restoration, the professional technical team composed of professors from Taiwan provides free training public courses on digital technical knowledge, equipment operation, software design, etc. The first 10 cooperative tour exhibitions with Shining 3D were held in Hangzhou, Quanzhou, Fuzhou, Changsha, Shijiazhuang, Taiyuan, Chengdu, Chongqing, Luoyang and Xi'an. The tour courses are digital-oriented combined with clinical applications, case studies, analysis of difficult cases, and seminars on new technology solutions for colleagues to exchange and share, and make progress together to promote the progressive development of the industry.

TITANIUM  
PREMILS

## Titanium premils

Premilled interface    Link-less milling with reverse jig  
Grade 5 titanium alloy material

M6 titanium pre-milled abutments are made of GR5 titanium and are precision machined by automatic CNC machines imported from Japan for the production of customized abutments. The standard sizes are 10mm and 14mm to meet the needs of different cases, the interface is pre-milled, users only need to cut and grind the upper part according to CAD design. Using Mill T4 Pro milling machine, both positive and negative clamping can be milled, reverse clamping milling without linkage could be molded in one-time.

Grade 5 titanium alloy material

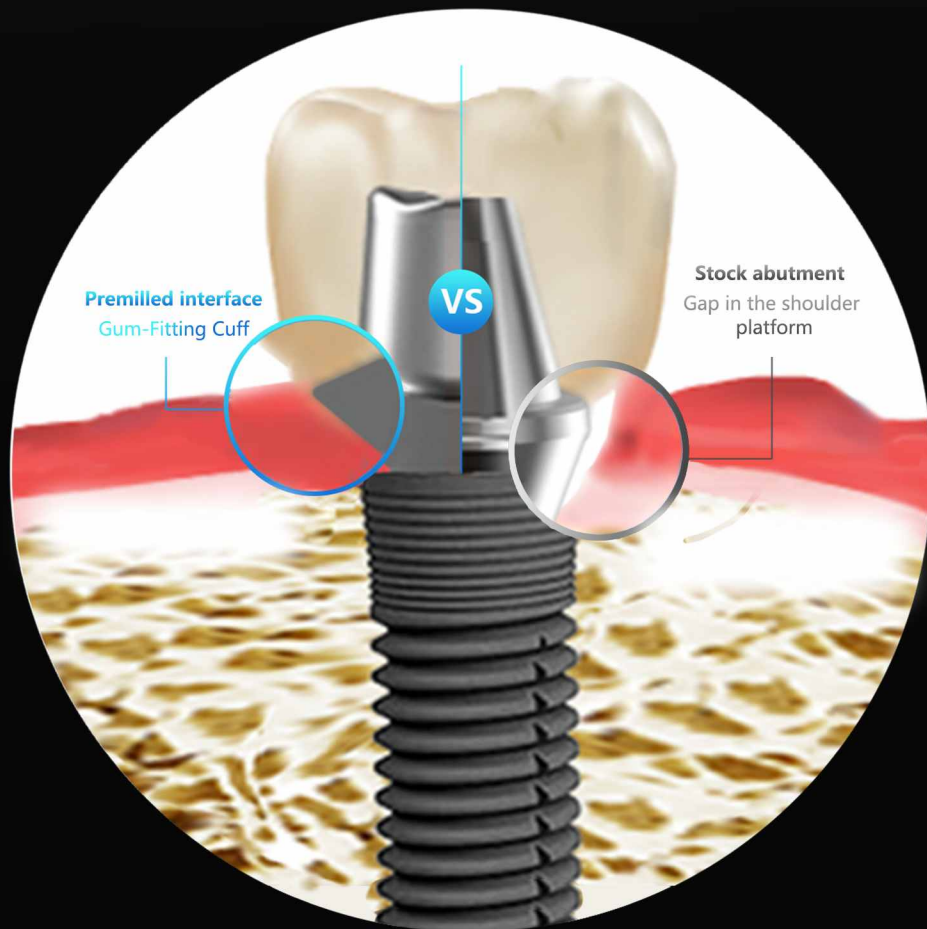
Premilled interface

Link-less milling with reverse jig

TITANIUM PREMILS

## Flexible Repair solution Custom Abutment Advantage

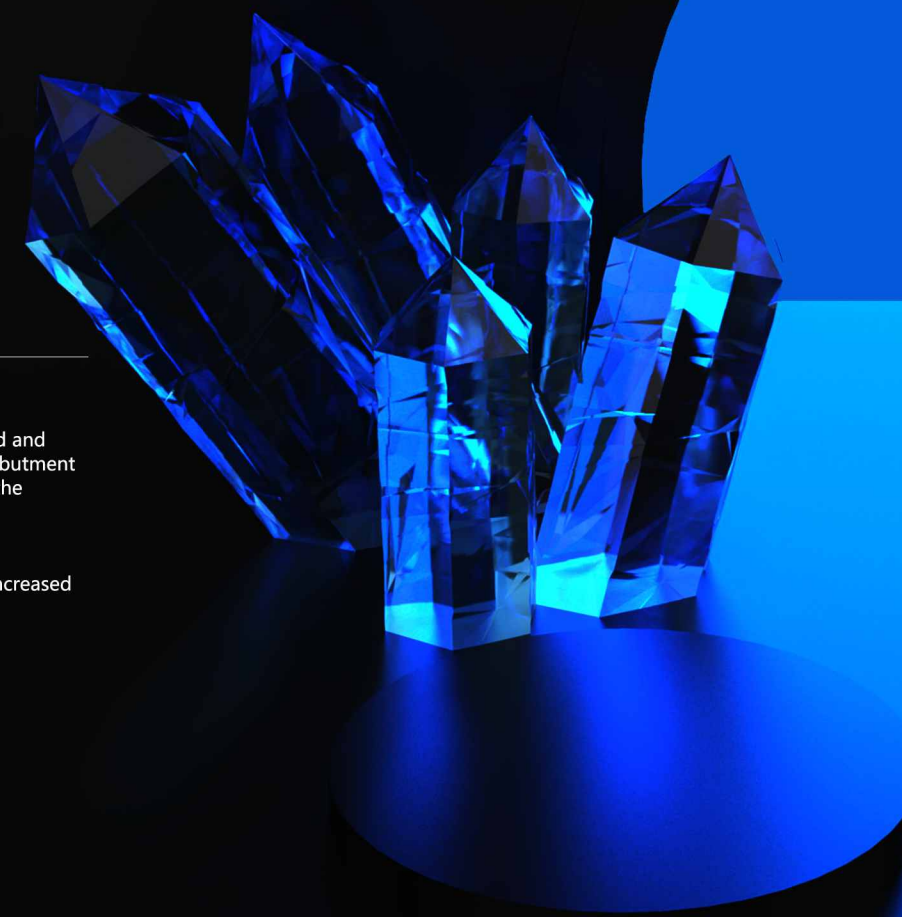
Fits snugly into gum cuffs to reduce bacterial invasion  
 Customized design adapts to different complex cases



The diameter and the gingival contour of the stock abutment are preformed and differ greatly from the anatomical form of the natural tooth. The shoulder abutment does not fit perfectly into the gingival cuff, the indications are limited, and the following problems may occur:

1. Food residue is difficult to clean
2. Microgap between abutment and gingiva, poor microbial containment, increased probability of bone marginal resorption
3. Difficulty matching complex cases
4. Inability to meet patients' aesthetic needs
5. To meet routine cases, clinics need to incur high stocking costs

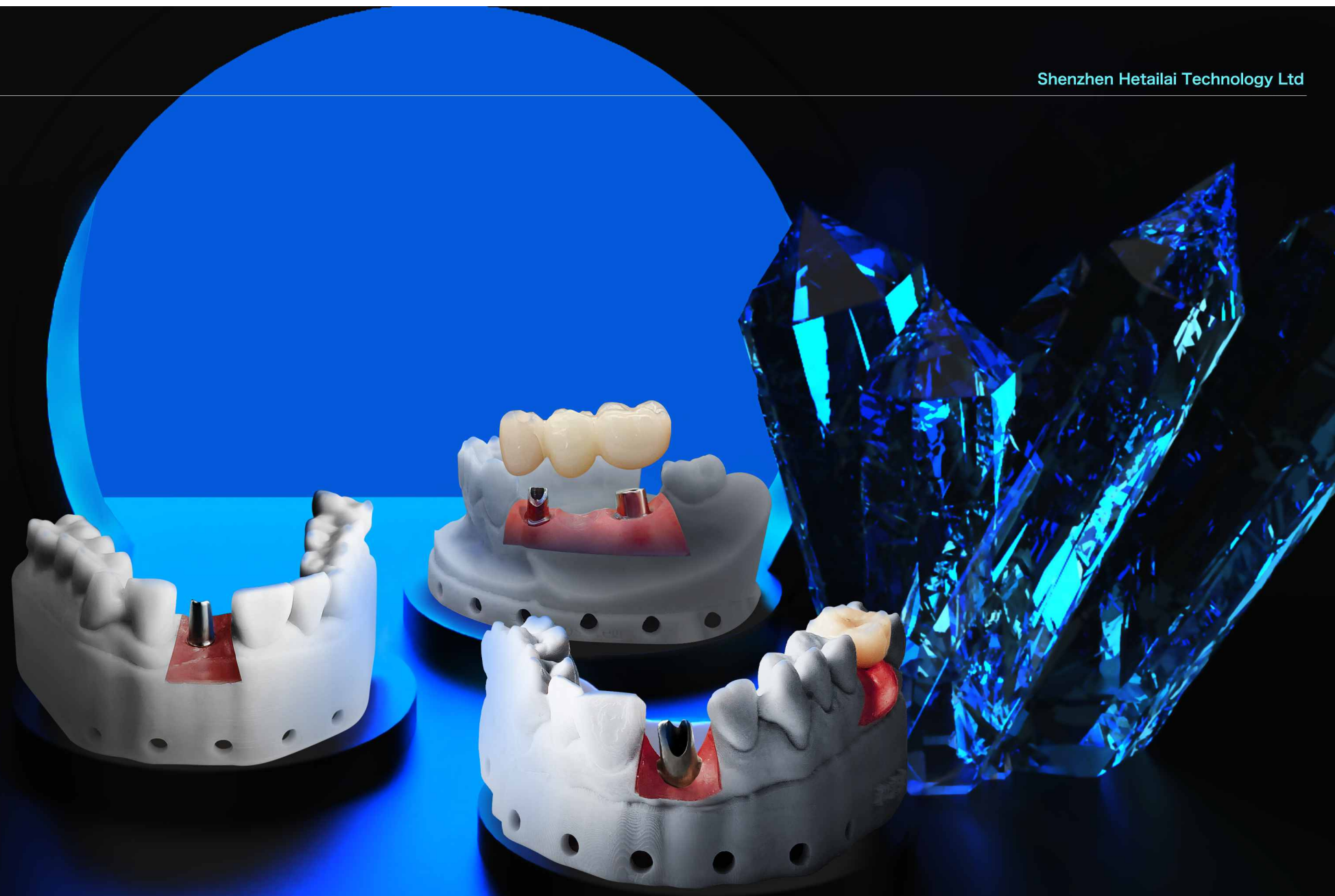
Customized abutment could solve above problem



## Titanium Pre-milled Abutment - More Creativity

Titanium pre-milled abutments have a wide milling range and can be milled into large-angle abutments, etc. to meet a variety of complex cases.

Indications: single restorations, multiple restorations, triple bridges, five bridges, etc.



## Custom abutment advantage



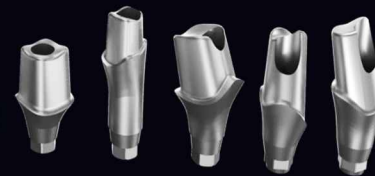
### Gum-Fitting Cuff

Customized abutments are digitally designed and milled to fit seamlessly into the gingival contour with good microbial closure, reducing the incidence of food impaction in patients. If there is a microgap between the abutment and the gingiva, poor microbial containment is likely to lead to an increased probability of marginal bone resorption



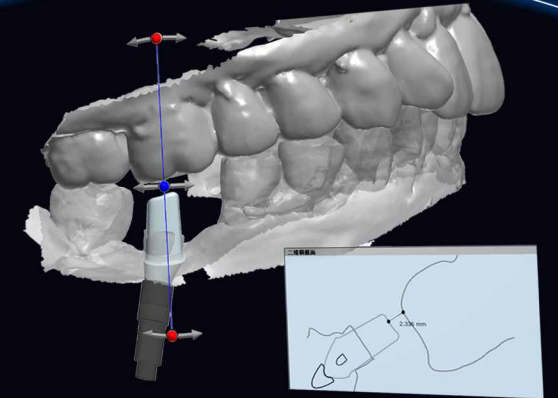
### Reduce the probability of crown chipping

Customized abutment restorations are designed to restore the anatomical shape of the abutment compared to finished abutment restorations, resulting in a uniform thickness of the jaw and reducing the probability of crown chipping.



### Apply to more complex cases

Titanium pre-milled abutment can be milled in a wide range, solving the problem of small jaw spacing and adapting to different gingival penetrations, diameters and heights, as well as complex cases of periodontal disease and bone resorption.



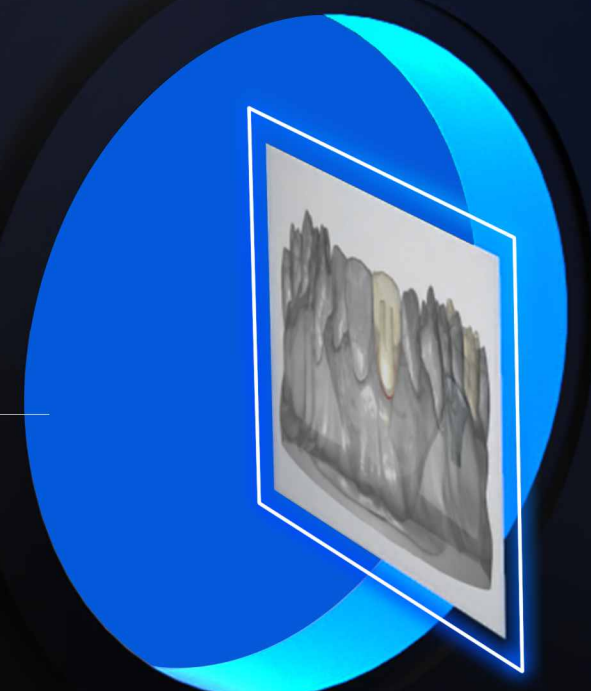
### Digital design Increased efficiency and cost savings

Customized abutment design through CAD software, the design process can be measured abutment distance from the adjacent teeth and the opposite jaw distance, reasonable reserved space for restoration, the results can be predicted.

### Premilled interface

Interface-free cutting assists    Highly efficient molding

M6 pre-milled abutment, the interface has been pre-fabricated, imported from Japan CNC machine precision machining, no need for secondary grinding, the user only need to follow the CAD design cutting, grinding upper. With Mill T4 Pro cutting machine to realize reverse clamping without connecting rod cutting, doubling the efficiency



**Premilled interface**  
Precision machining by Japanese CNC machine

**60+** brands

**100+** systems

**230+** sizes

**CAD software for digital design Predictable results  
More efficient cutting**

Digital design can adjust the abutment through the gingiva and shoulder, the results can be predicted, the data is more accurate, applicable to more complex cases, compared with the traditional manual grinding and manual CCM casting more efficient.



# Mill T4 Pro

## Link-less milling with reverse jig

Synchronized machining in a single pass eliminating the need for secondary grinding

**Mill T4 Pro link-less milling jig**

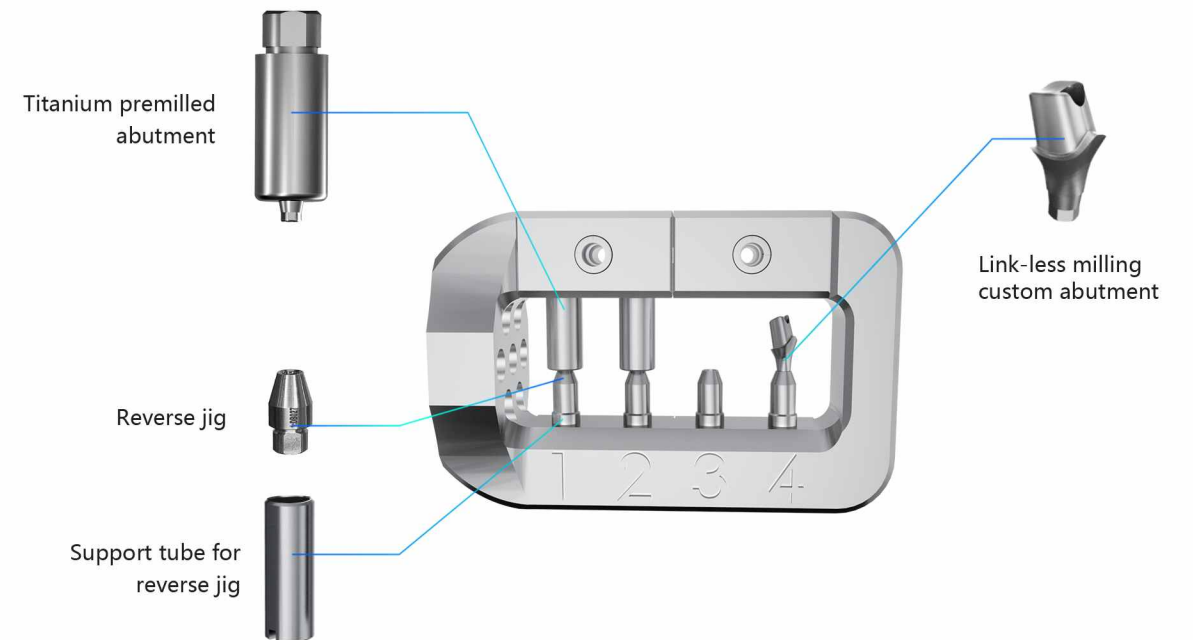
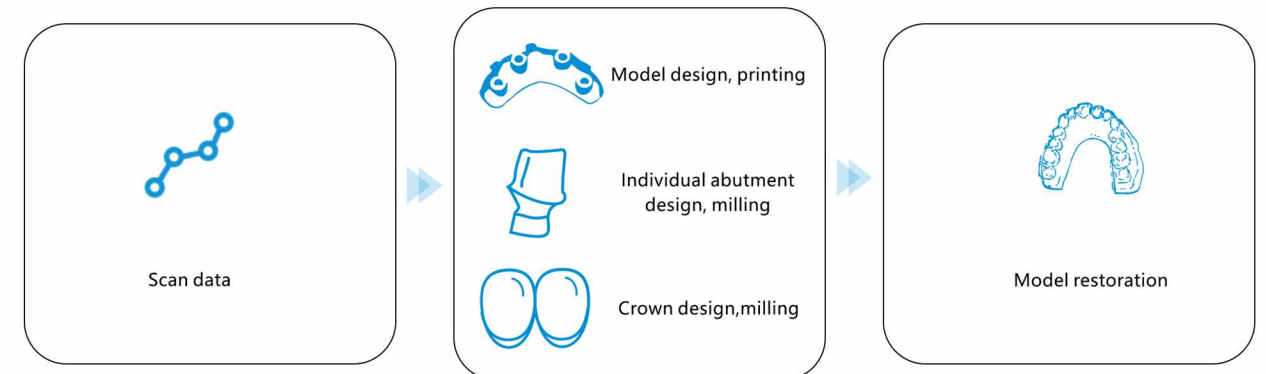
One-time molding without connecting rod, no need for secondary grinding, precise cutting, can realize synchronous processing

**VS**

**regular milling jig**

With connecting rod, still need to grind twice, can't realize synchronous processing, time-consuming, inefficient and time-consuming with accuracy errors requiring secondary scanning

## Synchronized Process Flow





Monthly production capacity of 42w pcs

Monthly **420000** /

**20+** / 20+ Processes and quality control procedures

**45** / 45 Imported automatic production lines

Product quality inspection process shall be through the equipment intelligent full inspection - semi-automatic testing equipment testing - manual testing, an average of 20 procedures and quality inspection process, to ensure product precision quality.



Fully automatic precision machining by imported CNC machine



Fully automated precision manufacturing



Fully automated full inspection of equipment



Micrometer and microscope accuracy testing



Two-Dimensional Accuracy Inspection







Assembly inspection, appearance inspection, etc.

## Osstem

### System: GS/TS

Size Model	M	R
$\Phi 10$	 P002	 P001
$\Phi 10$ (non-engaged)	 P002-N	 P001-N
$\Phi 14$	 P002-14	 P001-14

### System: SS

Size Model	4.8	6.0
$\Phi 10$	 P004	 P005
$\Phi 10$ (non-engaged)	 P004-N	 P005-N


## Dental Master

### System: DM

Size Model	NP	RP
$\Phi 10$	 P198	 P199
$\Phi 14$	 P198-14	 P199-14

## CSM

### System:

Size Model	M	R
$\Phi 10$	 P221	 P212
$\Phi 14$		 P212-14

## Super Line


### System: Super Line

Size	3.4	R
Model		
$\Phi 10$	P196	P003

$\Phi 10$ (non-engaged)		P003-N
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$\Phi 14$		
	P196-14	P003-14

### System: NR Line

Size	
Model	
$\Phi 10$	P014

### System: SimpleLine II

Size	R	W
Model		
$\Phi 10$	P078	P079

## B&B

### System:

Size	M	R
Model		
$\Phi 10$	P130	P131

## Anthogyr

### System: REG/PX

Size	2.8	R
Model		
$\Phi 10$	P243	P050





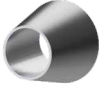
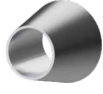
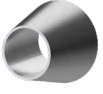
## S NUC

### System:

Size	M	R
Model		
$\Phi 10$	P165	P166

## Nobel BioCare

### System: Replace



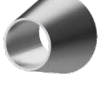
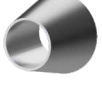
Model \ Size	NP	RP	WP	6.0
$\Phi 10$	 P010	 P011	 P012	 P013
$\Phi 10$ (non-engaged)	 P010-N	 P011-N	 P012-N	

### System: Active





Model \ Size	3.0	NP	RP	WP
$\Phi 10$	 P142	 P020	 P021	 P150
$\Phi 10$ (non-engaged)		 P020-N	 P021-N	
$\Phi 14$		 P020-14	 P021-14	 P150-14

## DIO

### System: SM Torx







Model \ Size	N	R/W
$\Phi 10$	 P032	 P033
$\Phi 10$ (non-engaged)	 P032-N	 P033-N

### System: UFII

Model \ Size	N	R/W
$\Phi 10$	 P032-UF	 P033-UF
$\Phi 10$ (non-engaged)		 P033-UF-N
$\Phi 14$		 P033UF-14

# ITI Straumann


## System: Tissue Level

Model \ Size	RN	WN
$\Phi 10$	 P015	 P016
$\Phi 10$ (non-engaged)	 P015-N	 P016-N
$\Phi 14$	 P015-14	 P016-14


## System: Bone level

Model \ Size	NC	RC
$\Phi 10$	 P017	 P018
$\Phi 10$ (non-engaged)	 P017-N	 P018-N
$\Phi 14$	 P017-14	 P018-14

## System: ITI SC

Model \ Size	
$\Phi 10$	 P200

## System: BLX

Model \ Size	RB/WB
$\Phi 10$	 P215

## Thommen

System: **SPI**

Model \ Size	3.5	4.0	4.5	5.0	6.0
$\Phi 10$	 P070	 P071	 P072	 P073	 P074

## Anker

System: **SB-I/SB-II/SB-III**

Model \ Size	N	R
$\Phi 10$	 P080	 P081
$\Phi 14$	 P080-14	 P081-14

## Neodent

System: **GM**

Model \ Size	
$\Phi 10$	 P197-1.5/P197-2.5

## Datsing

System: **Datsing (I)**

Model \ Size	M	R
$\Phi 10$	 P169	 P170


## Bredent

System: **SKY**

Model \ Size	NP	RP
$\Phi 10$	 P217	 P218





## AB

System:


Model \ Size	R
$\Phi 10$	 P128

# Megagen

## System: EZ PIUS

Model \ Size	M	R/W
$\Phi 10$	 P048	 P049
$\Phi 10$ (non-engaged)	 P048-N	 P049-N

## System: Any Ridge

Model \ Size	
$\Phi 10$	 P088

## System: Mini

Model \ Size	
$\Phi 10$	 P089
$\Phi 10$ (non-engaged)	 P089-N

## System: Any One

Model \ Size	
$\Phi 10$	 P090
$\Phi 10$ (non-engaged)	 P090-N
$\Phi 14$	 P090-14

## Zimmer

### System: Tapered Screw-Vent







Model \ Size	M3.5	R4.5	W5.7
$\Phi 10$	 P025	 P026	 P027
$\Phi 10$ (non-engaged)	 P025-N	 P026-N	 P027-N
$\Phi 14$	 P025-14	 P026-14	

### System: Azure

Model \ Size	3.0	3.5/4.0	4.5/5.0
$\Phi 10$	 P182	 P183	 P184
$\Phi 14$		 P183-14	 P184-14

## Biomet 3i

### System: Certain

Model \ Size	3.4	4.0	5.0	6.0
$\Phi 10$	 P028	 P029	 P030	 P031
$\Phi 10$ (non-engaged)	 P028-N	 P029-N		

## XIVE


### System: xive-s plus

Model \ Size	3.4	3.8	4.5	5.5
$\Phi 10$	 P053	 P054	 P055	 P056

## NeoBiotech

### System: IS



Model \ Size	R
$\Phi 10$	P101



## ICX

### System: Templant


Model \ Size	BL
$\Phi 10$	P047
$\Phi 10$ (non-engaged)	P047-N



## CLC

### System: CONIC



Model \ Size	
$\Phi 10$	P171



## Adin

### System: Touareg-OS/S

Model \ Size	R
$\Phi 10$	P158
$\Phi 14$	P158-14











### System: CloseFit

Model \ Size	UNP	NP	RP	WP
$\Phi 10$	P159	P160	P229	P161
$\Phi 14$	P159-14	P160-14		



## Astra

### System: Osseo Speed™-TX

Model \ Size	3.0	3.5/4.0	4.5/5.0
$\Phi 10$	 P041	 P042	 P043
$\Phi 10$ (non-engaged)	 P041-N	 P042-N	 P043-N
$\Phi 14$		 P042-14	 P043-14

### System: Osseo Speed™ EV

Model \ Size	3.0	3.6	4.2	4.8	5.4
$\Phi 10$	 P119	 P120	 P121	 P122	 P123
$\Phi 14$	 P119-14	 P120-14	 P121-14	 P122-14	 P123-14

## CORTEX

### System: Dynamix





Model \ Size	
$\Phi 10$	 P133
$\Phi 14$	 P133-14

### System: Classix Conical




Model \ Size	NP	RP	WP
$\Phi 10$	 P193	 P194	 P195
$\Phi 14$		 P194-14	

## MIS

### System: Seven

Model \ Size	M	R	W
Φ10	 P007	 P008	 P009
Φ14			 P009-14

### System: C1

Model \ Size	NP	SP	WP
Φ10	 P095	 P096	 P097





## CANSUN

### System:

Model \ Size	M	R
Φ10	 P185	 P186

## Alpha-Bio

### System: SPI

Model \ Size	M	R	W
Φ10	 P098	 P099	 P100
Φ14		 P099-14	

## Trausim

### System: BL






Model \ Size	NC	RC
Φ10	 P187	 P188

### System: TL

Model \ Size	RP	WP
Φ10	 P190	 P191

## Bego

System: SC / SCX / RS / RSX / RI\*1

Model \ Size	3.25/3.75	4.1	4.5	5.5
$\Phi 10$	 P034	 P035	 P036	 P037
$\Phi 10$ (non-engaged)	 P034-N	 P035-N	 P036-N	 P037-N
$\Phi 14$	 P035-14			




## Duplo

System:

Model \ Size	2.0	2.5	3.0
$\Phi 10$	 P202	 P203	 P204



## SIC

System: ace/max/tapered

Model \ Size	3.3	4.2
$\Phi 10$	 P044	 P045
		 P045-N






## INNO/CWM

System:

Model \ Size	
$\Phi 10$	 P211
$\Phi 10$ (non-engaged)	 P211-N
$\Phi 14$	 P211-14

## Bicon

System:

Model \ Size	2.0	2.5	3.0
$\Phi 10$	 P038	 P039	 P040
$\Phi 14$		 P039-14	 P040-14

## Dentis

System: Dentis-SQ

Model \ Size	M	R
$\Phi 10$	 P233	 P063
$\Phi 14$		 P063-14


## Sweden&Martina

System:

Model \ Size	3.3	3.8	4.3	5.0
$\Phi 10$	 P102	 P103	 P104	 P105

## Ankylos

System: C

Model \ Size	R
$\Phi 10$ (non-engaged)	 P051








## Apex

System: BL

Model \ Size	NC	RC
$\Phi 10$	 P213	 P214

## Biohorizons

System:

Model \ Size	3.0	3.5	4.5	5.7
$\Phi 10$	 P138	 P139	 P140	 P141
$\Phi 14$		 P139-14	 P140-14	 P141-14

## Biodenta

System: Bone Level

Model \ Size	B0	B1	B2
$\Phi 10$	 P144	 P145	 P146
$\Phi 14$		 P145-14	 P146-14


## Wego

System:

Model \ Size	N	R
$\Phi 10$	 P125	 P126


## C tech

System: EL


Model \ Size	
$\Phi 10$	 P134

## Warantec

System: IT-R





Model \ Size	R
$\Phi 10$	 P216

System: IU-R





Model \ Size	R
$\Phi 10$	 P236

## Bioconcept





### System: BV

Model \ Size	M	R
$\Phi 10$	 P167	 P168
$\Phi 14$	 P167-14	 P168-14

### System: BC-Bone Level


Model \ Size	NC	RC
$\Phi 10$	 P176	 P177
$\Phi 14$	 P176-14	 P177-14

### System: BC-Tissue Level

Model \ Size	RN	WN
$\Phi 10$	 P174	 P175
$\Phi 14$	 P174-14	 P175-14

## SG

### System:

Model \ Size	
$\Phi 10$	 P135


## ZUGA

### System:

Model \ Size	3.5	4.3	5.0
$\Phi 10$	 P147	 P148	 P149



## Dentin

### System: Classic/Prestige

Model \ Size	R
$\Phi 10$	 P157

## Camlog

System: **Camlog**


Model \ Size	3.3	3.8	4.3	5.0	6.0
$\Phi 10$	 P156	 P057	 P058	 P059	 P155

System: **Conelog**

Model \ Size	3.3	3.8	4.3	5.0
$\Phi 10$	 P207	 P208	 P209	 P210


## IBS

System:

Model \ Size	R
$\Phi 10$	 P201

## ZENOIS

System:

Model \ Size	R
$\Phi 10$	 P220

## KJ Meditech JUST

System:

Model \ Size	2.0	3.0
$\Phi 10$	 P222	 P223

## LeadOss

System:BL

Model \ Size	N	R
$\Phi 10$	 P224	 P225

## Neoss

System:

Model \ Size	3.25	R
$\Phi 10$	 P162	 P163






## Ratio

System:

Model \ Size	mini	S/RP	L/WP
$\Phi 10$	 P205	 P164	 P206
$\Phi 14$			 P206-14



## Implant

System: LEGACY™4

Model \ Size	3.5	4.5	5.7	3.0
$\Phi 10$	 P178	 P179	 P180	 P232
$\Phi 14$	 P178-14	 P179-14		

## T Plus

System:

Model \ Size	R
$\Phi 10$	 P192
$\Phi 14$	 P192-14



# Thank you



WeChat



WhatsApp



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