

# bright

## Implant

Product Catalog



Dentium



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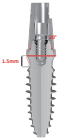
## **III** Overdenture

Component .....	21
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## **IV** KJL .....

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# bright Implant Tissue Level



Compressive Strength [N]



## Reliable surgery in narrow ridge case

- Maxillofacial body design reduces residual bone stress, preserving residual bone and enhancing primary stability
- Design allows Patient to achieve immediate bone contact and increase bone density for accelerated osseointegration

## Simplified One Platform prosthetics

- Single abut platform increases structural reinforcement of soft tissue, simplifying the prosthetic workflow
- All abut supports identical base design enhances work efficiency and accommodates full arch bridge applications

## Soft tissue-conscious stability design

- Increase neck width optimizes gradual weight support with tissue stability and long-term tissue preservation
- Maximize gingival profile enhanced through soft tissue volume features and soft tissue volume maintenance

011- Single Tissue Low | **24.4** x 11 (mm)



012- Single Tissue Low | **25.5** x 11 (mm)



# Tissue Level | Fixture Specifications



mm (in)

Head diameter	10						
Body diameter	10	10	10	10	10	10	10
Head height	10						
Body length	11, 13, 15, 17						
Thread height	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Color							
	Pink	Blue	Grey	Yellow	Green	Dark Blue	Red

# Tissue Level Picture

Fluor  
2.0



Fluor  
2.5



Fluor  
3.0



Fluor  
3.5



Fluor  
4.0



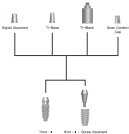
Fluor  
4.5



Fluor  
5.0



# Tissue Level | Procedure Line-up



## Ti-Base

For more information, visit [www.dental.com](http://www.dental.com) or call 1-800-368-3636

SKU: 100

Material	Length	Width	Height
Ti-Base	10mm	4mm	10mm
		6mm	10mm
		8mm	10mm
Ti-Base	10mm	4mm	12mm
		6mm	12mm
		8mm	12mm



- 100% Ti-Base (implant) base with 100% Ti-Base (implant) base
- 100% Ti-Base (implant) base with 100% Ti-Base (implant) base
- 100% Ti-Base (implant) base
- 100% Ti-Base (implant) base

## Digital Abutment

For more information, visit [www.dental.com](http://www.dental.com) or call 1-800-368-3636

SKU: 100

Material	Length	Width	Height
Digital Abutment	10mm	4mm	10mm
		6mm	10mm
		8mm	10mm
Digital Abutment	10mm	4mm	12mm
		6mm	12mm
		8mm	12mm



- 100% Digital Abutment (implant) base with 100% Digital Abutment (implant) base
- 100% Digital Abutment (implant) base with 100% Digital Abutment (implant) base
- 100% Digital Abutment (implant) base
- 100% Digital Abutment (implant) base

## Scan Comfort Cap

for manual overhead applications

100-1000

Capacity	Height	Length	Type	Part No.
100	6.0	0.1	Scan Cap	100-1000-001
		0.2		100-1000-002
		0.3		100-1000-003
	6.5	0.1		100-1000-004
		0.2		100-1000-005
		0.3		100-1000-006
	7.0	0.1		100-1000-007
		0.2		100-1000-008
		0.3		100-1000-009

1000" Scan Cap dimensions and configurations are available in sizes for 1000" Super-A height with 1000" or 1000" models.



## Screw Metal Link

for most overhead applications

100-1000

Capacity	Height	Type	Length	Part No.
100	6.0	Screw	0.1	100-1000-010
			0.2	100-1000-011
			0.3	100-1000-012
	6.5	Screw	0.1	100-1000-013
			0.2	100-1000-014
			0.3	100-1000-015



## Ti-Temporary Abutment

For permanent crown fabrication

REF. 100

REF.	TYPE	HEIGHT
101	100	100 mm (4")
102		120 mm (4 3/4")



REF. 101

REF.	TYPE	HEIGHT
103	100	100 mm (4")
104		120 mm (4 3/4")



It can be used both before and after the crown fitting.  
 It features a conical wall for easy light body crown construction.

## Ti-Blank

For custom abutment, profile and shape

REF. 105

REF.	TYPE	TYPE	HEIGHT
105	105	105	100 mm (4")
		106	120 mm (4 3/4")
	107	107	100 mm (4")
		108	120 mm (4 3/4")



REF. 106

REF.	TYPE	TYPE	HEIGHT
106	106	106	100 mm (4")
		107	120 mm (4 3/4")
	108	108	100 mm (4")
		109	120 mm (4 3/4")



Small blank

1) After fitting, remove the crown and the abutment.  
 2) Blank is available in 10 different heights, ranging from 40 to 120 mm (1.57 to 4.72").

# Impression Component

## Impression casting/Transfer

Code: 000

Impression	Material	Type	Application
Impression	Impression	Impression	Impression
	Impression	Impression	Impression



## Impression casting/Transfer

Code: 001

Impression	Material	Application
Impression	Impression	Impression



## Impression casting/Transfer

Code: 002

Impression	Material	Type	Application
Impression	Impression	Impression	Impression
	Impression	Impression	Impression



## Impression casting/Transfer

Code: 003

Impression	Material	Application
Impression	Impression	Impression



## Labeling

Code: 004

Impression	Material	Application
Impression	Impression	Impression



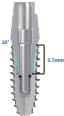
## Marrow Implant



## Short Implant



# bright Implant Bone Level



Fixture attachment contact area



Implant length

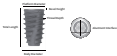


Implant diameter











# Bone Level Fixture Specifications

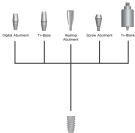


(mm)

Fixture Diameter	12.4	12.7	13.0	13.3	13.6	13.9
Body Diameter	11.5	12.1	12.7	13.3	13.9	14.5
Thread Length	17.150	17.150				
	17.150-18	18.00	18.00	18.00	18.00	18.00
Thread Length	17.150-18/18.00-19					
Thread Depth	0.50	0.40	0.40	0.40	0.40	0.40
Acetabular Surface	1.00	1.1	1.2	1.3	1.4	1.5
Cap Color						
	Grey	Yellow	Green	Blue	Red	Orange



# Bone Level Procedure Line-up



How to

## Ti-Base

For precise digital production of fixed and variable fixed partial appliances

REF. 100

Model	Size	Type	Art. No.
TTP	10	Low 200/100	200000000 200000000
	12	Low 200/100	200000000 200000000
	15	Low 200/100	200000000 200000000
TTP	10	Low 200/100	200000000 200000000
	12	Low 200/100	200000000 200000000



- 100% 3D CAD files (dimensions, base and table) free download available
- available with 3D files in .stl format (download)
- 200/100/100mm
- 200/100/150mm

## Digital Abutment

For high-precision variable bearing - base - fixed dentures

REF. 100

Model	Size	Type	Art. No.
TTP	10	Low 200/100	200000000 200000000
	12	Low 200/100	200000000 200000000
	15	Low 200/100	200000000 200000000
TTP	10	Low 200/100	200000000 200000000
	12	Low 200/100	200000000 200000000



- 100% 3D CAD files (dimensions, base and table) free download available
- available with 3D files in .stl format (download)
- 200/100/100mm
- 200/100/150mm

## Metal Link

For use in various applications

Table 10

Part No.	Length	Qty	Type	Material
100	100	10	Screw	Stainless Steel
		20		Stainless Steel
		30		Stainless Steel
		10	Washer	Stainless Steel
		20		Stainless Steel
		30		Stainless Steel



## Healing Component

For use in various applications

Table 11

Table 12

Part No.	Qty	Material
100	10	Stainless Steel
100	10	Stainless Steel



Table 13

Table 14

Part No.	Length	Qty	Material
100	10	10	Stainless Steel
	20		Stainless Steel
	30		Stainless Steel
100	10	10	Stainless Steel
	20		Stainless Steel
	30		Stainless Steel
100	10	10	Stainless Steel
	20		Stainless Steel
	30		Stainless Steel



- 1) For use in various applications
- 2) For use in various applications
- 3) For use in various applications



## Ti-Temporary Abutment

For permanent crown restorations

See 101

Code	Type	Material
101	Ti-Temporary	Stainless Steel
102		Stainless Steel



- 101 Stainless Steel crown to crown for crown restorations
- 102 Stainless Steel crown with full-coverage crown restorations

## Ti-Blank

For custom abutment products restorations

See 101

Material	Surface	Type	Material
Titanium	SLA	Ti-Blank	Stainless Steel
	SLA		Stainless Steel
	SLA	Titanium	Stainless Steel
	SLA		Stainless Steel



- 101 Titanium-ceramic crown restorations
- 102 Titanium-ceramic crown with full-coverage crown restorations



# Tissue Level | Overdenture Component



# Bone Level | Overdenture Component



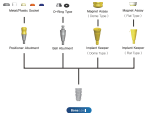
Posterior



Mid Attachment



Anterior Attachment



### Proportion Adjustment

for equal variances/standard deviations

(10/11)

Group	n <sub>i</sub>	μ <sub>i</sub> (σ <sub>i</sub> )
Control	10	0.00000
Treatment	10	0.00000
Treatment	10	0.00000



### Null Adjustment (df1, df2)

for homogeneous variances

(10/11)

Group	n <sub>i</sub>	μ <sub>i</sub> (σ <sub>i</sub> )
Control	10	0.00000
Treatment	10	0.00000



### Implicit Kruskal (Sphericity Test)

for unequal variances/standard deviations

(10/11)

Group	n <sub>i</sub>	μ <sub>i</sub> (σ <sub>i</sub> )
Control	10	0.00000
Treatment	10	0.00000
Treatment	10	0.00000



### Implicit Kruskal (Flat Test)

for unequal variances/standard deviations

(10/11)

Group	n <sub>i</sub>	μ <sub>i</sub> (σ <sub>i</sub> )
Control	10	0.00000
Treatment	10	0.00000
Treatment	10	0.00000



**Positional Metal Socket**

100-000

Connector	Height	Part No.
100-001	100	100000


[View](#)
**Positional Plastic Socket**

100-000

Connector	Height	Part No.
100-000 100-001	100 (Standard)	100000
	100 (Low)	100001
	100 (High)	100002
	100 (Standard)	100003


[View](#)

[View](#)

[View](#)

[View](#)
**Socket Spacer**

100-000

Connector	Part No.
100-001	100000
100-002	100001


[View](#)

[View](#)
**Female Socket / 0-1mg**

100-000

Connector	Female Pin	Part No.
100-001	100 (Standard)	100000
100-002	100 (High)	100001


[View](#)

[View](#)

[View](#)

[View](#)
**Magnet Away (Dome Type)**

100-000

Connector	Color	Part No.
100-001	Blue	100000


[View](#)
**Magnet Away (Flat Type)**

100-000

Connector	Color	Part No.
100-001	Blue	100000
	Black	100001



[View](#)
[View](#)

### Impulse Receiver (Ball Type)

for impulse measurement

100 100

Order	Size	Range
100	0.2	0.00000
	1.0	0.00000
	2.0	0.00000
	5.0	0.00000
	10	0.00000
	15	0.00000



### Ball Receiver

for impulse measurement

for impulse measurement

100 100

Order	Size	Range
100	0.2	0.00000
	1.0	0.00000
	2.0	0.00000
	5.0	0.00000
	10	0.00000
	15	0.00000



### Impulse Receiver (Horn Type)

for impulse measurement

100 100

Order	Size	Range
100	0.2	0.00000
	0.5	0.00000
	1.0	0.00000
	2.0	0.00000
	5.0	0.00000
	10	0.00000



### Impulse Receiver (Flat Type)

for impulse measurement

100 100

Order	Size	Range
100	0.2	0.00000
	0.5	0.00000
	1.0	0.00000
	2.0	0.00000
	5.0	0.00000
	10	0.00000



## Socket Socket

100-100

Connector	Part No.
100	100



## Female Socket

100-100

Connector	Number of Pins	Part No.
100	100	100



## Magnet Array (Dome Type)

100-100

Connector	Pin	Part No.
100	100	100



## Magnet Array (Flat Type)

100-100

Connector	Pin	Part No.
100	100	100



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# Surgical Lindemann Kit



## Kit Contents

20241

### Scalpel Set



SCALPEL 1



SCALPEL 2



SCALPEL 3



SCALPEL 4



SCALPEL 5



SCALPEL 6



SCALPEL 7

### Forceps Set



FORCEPS 1



FORCEPS 2



FORCEPS 3

### Right-angled Forceps



FORCEPS 4



FORCEPS 5

### Scissors Set



SCISSORS 1



SCISSORS 2

### Pin Set



PIN 1



PIN 2

### Two-Point Forceps



TWO-POINT FORCEPS 1



TWO-POINT FORCEPS 2

### QUESTION 10

QUESTION 10 (10 marks)

QUESTION 10

(10 marks)

NUMBER 1	NUMBER 2	LENGTH	IN %
0.200	0.200	0.2	0.2000
		0.2	0.2000
		0.2	0.2000

10. All questions require full answers with diagrams.

### QUESTION 11

QUESTION 11 (10 marks)

QUESTION 11

(10 marks)

NUMBER 1	NUMBER 2	LENGTH	IN %
0.200	0.200	0.2	0.2000
		0.2	0.2000
		0.2	0.2000
0.200	0.200	0.2	0.2000
		0.2	0.2000
		0.2	0.2000
0.200	0.200	0.2	0.2000
		0.2	0.2000
		0.2	0.2000
0.200	0.200	0.2	0.2000
		0.2	0.2000
		0.2	0.2000

11. All questions require full answers with diagrams. All questions require full answers with diagrams. All answers should be given with diagrams.

QUESTION 12

(10 marks)

NUMBER 1	NUMBER 2	LENGTH	IN %
0.200	0.200	0.2	0.2000

12. All questions require full answers with diagrams. All answers with diagrams.



### Two-Step Linear Equations

100%

Type	Length	Difficulty
Two-Step Linear Equations	1:2	Medium
	2:2	Medium
	3:2	Medium



### Three-Step Linear Equations

100%

Type	Length	Difficulty
Three-Step Linear Equations	1:3	Medium
	2:3	Medium
	3:3	Medium
	4:3	Medium



### Systems

100%

System 1	System 2	Length	Difficulty
2:2	2:2	1:2	Medium



### Systems

100%

System 1	System 2
1:2	2:2



### 10.10.10

100/1000

Type	Length	Key/Key
Handwritten	100	Handwritten
Machine	100	Handwritten
	100	Handwritten



### 10.10.11

100/1000

Type	Length	Key/Key
Handwritten	100	Handwritten
Machine	100	Handwritten



or This approach is not in the scope of the [10.10.11](#)

### 10.10.12

100/1000

Operation	Type	Length	Key/Key
Handwritten	Handwritten	100	Handwritten
		100	Handwritten
		100	Handwritten
Machine	Machine	100	Handwritten
		100	Handwritten
		100	Handwritten



or This approach is not in the scope of the [10.10.12](#)

### 10.10.13

100/1000

Length	Key/Key
100	100





As the size of each sketch increases, the similarity of the sketch to the real object increases. The paper length is the top of the object.

## Guide Lindemann Kit:



1. Lindemann Kit (with 2 sets of keys)

### Kit contents



### Table 10

Unit: mm

Model 1	Model 2	Length	Fig. No.
ST-01	ST-02	<ul style="list-style-type: none"> <li>10</li> <li>15</li> <li>20</li> <li>25</li> </ul>	<ul style="list-style-type: none"> <li>ST0001</li> <li>ST0002</li> <li>ST0003</li> <li>ST0004</li> </ul>



### Table 11

Unit: mm

Series	Length	Fig. No.
ST-01	<ul style="list-style-type: none"> <li>10</li> <li>15</li> <li>20</li> <li>25</li> </ul>	<ul style="list-style-type: none"> <li>ST0001</li> <li>ST0002</li> <li>ST0003</li> <li>ST0004</li> </ul>
ST-02	<ul style="list-style-type: none"> <li>10</li> <li>15</li> <li>20</li> <li>25</li> </ul>	<ul style="list-style-type: none"> <li>ST0001</li> <li>ST0002</li> <li>ST0003</li> <li>ST0004</li> </ul>
ST-03	<ul style="list-style-type: none"> <li>10</li> <li>15</li> <li>20</li> <li>25</li> </ul>	<ul style="list-style-type: none"> <li>ST0001</li> <li>ST0002</li> <li>ST0003</li> <li>ST0004</li> </ul>
ST-04	<ul style="list-style-type: none"> <li>10</li> <li>15</li> <li>20</li> <li>25</li> </ul>	<ul style="list-style-type: none"> <li>ST0001</li> <li>ST0002</li> <li>ST0003</li> <li>ST0004</li> </ul>
ST-05	<ul style="list-style-type: none"> <li>10</li> <li>15</li> <li>20</li> <li>25</li> </ul>	<ul style="list-style-type: none"> <li>ST0001</li> <li>ST0002</li> <li>ST0003</li> <li>ST0004</li> </ul>



**Protein Analysis for Gene Cloning**

10-10

Year	Author	Protein
1980	Wang	19 kDa p27
1981	Wang	20 kDa p27

**Protein Analysis for Transfection**

10-10

Year	Author	Protein
1981	Wang	19 kDa p27
1982	Wang	20 kDa p27



bright implant

