

**HUGE**



Shandong Huge Dental Material Corporation (Manufacturer)

Add / No. 68 Shanhai Road, Donggang District, Rizhao City, Shandong Province, 276800, P.R. China  
Tel / +86(633) 2277268 marketing@hugedental.com www.hugedental.com



Follow us on Wechat



Follow us on Facebook

Twitter Huge Dental

Youtube Huge Dental

# CATALOG

— Synthetic Polymer Teeth

# HUGE

the leading dental material manufacturer in China ...



R&D center



Industrial center



Factory



R&D center & office

HUGE Dental (short for Shandong Hugu Dental Material Corporation) that integrates R&D, manufacturing, sales of dental products and services, was founded in 2006 in Rizhao Shandong, China, the United Nation's Best Cities for Residences. Until 2021, there are three R&D centers functioning independently in Beijing, Qingdao and Rizhao.

Implementing strict QC standards for dental industry, HUGE Dental

has passed the CE(EU), FDA(USA), MDL(Canada), ISO13485 and other quality system certifications and product registrations. Its products have been exported to nearly 100 countries/ regions all over the world.

HUGE Dental will continue to take independent innovation as the core motivity, to provide customers with integrated dental solutions. HUGE Dental has been committed to becoming one of the most influ-

ential dental medical brands in the world.

## MEMORABILIA

### 2006-2010

- HUGE was restructured refreshed, dedicating into high-quality dental material R&D, and the CAD/CAM tooth molding center was established, 8 series of teeth with different mould design that can be applied to all races worldwide were launched;
- HUGE RIZHAO manufacturing center was set up and became one of the largest synthetic polymer teeth manufacturers in China;

### 2011-2016

- National Certification of New Hi-tech Enterprise was awarded to HUGE. The company was listed with NEEQ in 2015, and in the same year, HUGE acquired Enjoy Laboratory, which is one of the most advanced Glass Ionomer Cement material research and development lab in China;
- Many newer dental products such as PMMA BLOCK, Zirconia Block, Light Curing Tray, PERFIT Elastomeric Impression Material and Glass Ionomer Cement were launched, HUGE products were exported to 80 countries;
- KAJJING synthetic polymer teeth and PERFIT Elastomeric Impression Material are one of the most popular brands that widely used in the Chinese market;

### 2017-2020

- HUGE R&D Center started to work; HUGE India company started to work; Invisible Orthodontic Solution was launched; Many more new products for adhesive, direct restorations and indirect restorations are to be launched.

### 2021-

- New plant was put into production for dental clinical materials. The Gradient Multilayer Zirconia and 4th generation Acrylic teeth were launched.



## 3S CONCEPTION

Providing **Safe** product for our consumers

Providing **reliable** product to our partners, and help them to be **Successful**

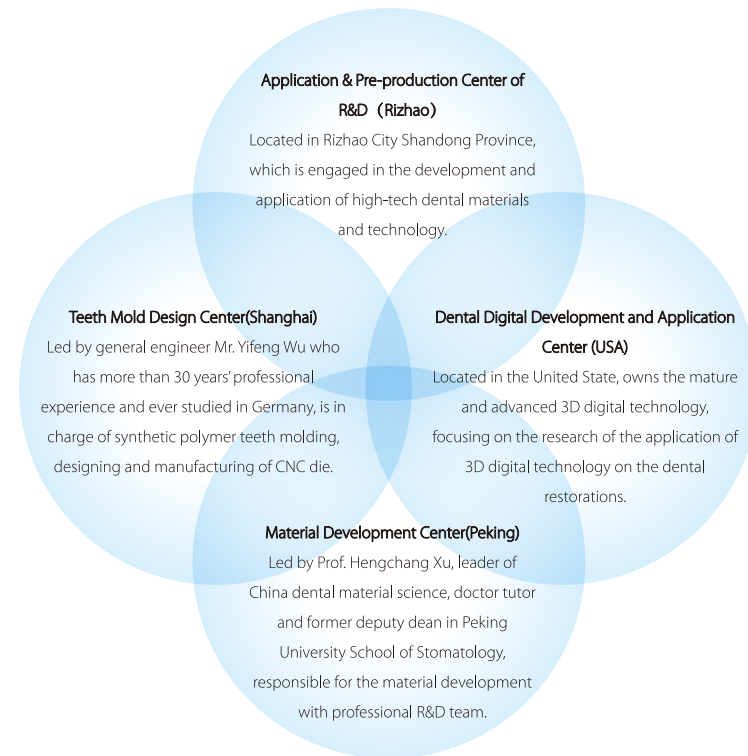
Providing **Secure** and **challenging** working environment

## CERTIFICATIONS

To achieve the goal of being the world leading supplier of high quality dental material, HUGE implements the most stringent quality standards in the industry, which enables HUGE the only Chinese synthetic polymer teeth manufacturer with American FDA certification, Canadian registration and JIS (Japan) registration.

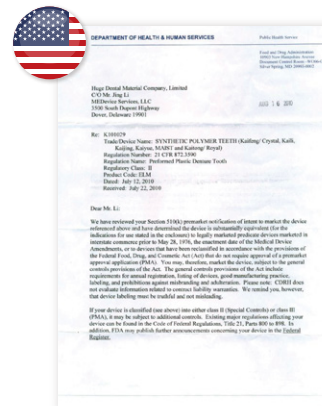
## RESEARCH & DEVELOPMENT

Concentrate on the products with core technology and endeavor to be the specialist of them.



## Index

IMPLA	01
MAIST	06
KAIPLUS	10
KAIJING	13
Sonning	16
Bluebell	20
KAILI	25
Seniors	28
Duplication Silicone Material	34
Light Curing Tray & Unit	37
Denture Base Polymers	39
Accessories	41



FDA



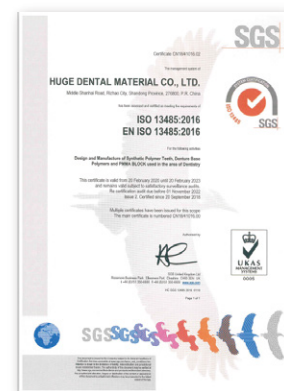
MDL



JIS



CE



ISO13485

# IMPLA

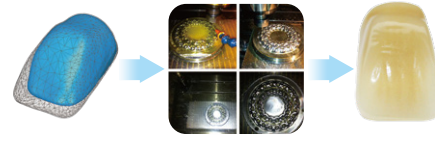
IMPLA, a premium acrylic teeth range specially designed for individual partial denture and full denture.

## Advantages

- Structure of layering design  
The lifelike shade effect and structure of IMPLA are achieved with creative shaded layer of anterior and posterior.



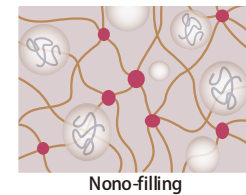
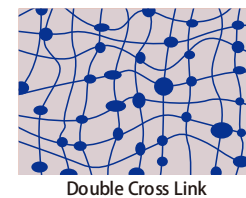
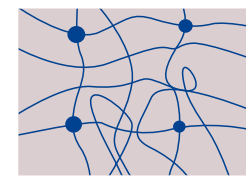
- Super fine mold die  
Perfect surface texture and characterization give a natural finish to IMPLA due to application of CAD/CAM moulding technology.



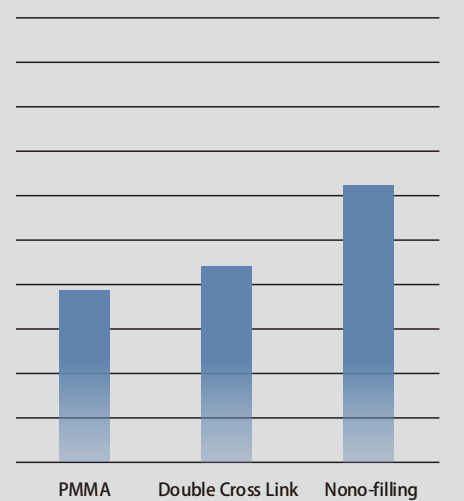
- Trimming by hand  
Trimming of each single tooth is done by hand, which leads to glazed edges.



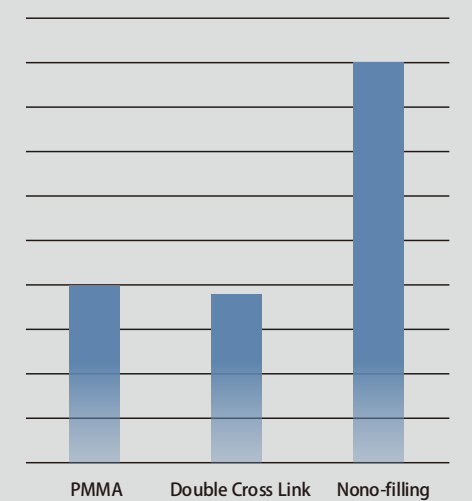
## Material



### Vickers Hardness



### Wear Resistance



## Indications:

- Indication  
Partial Denture



- Indication  
Removable Full Denture



# IMPLA

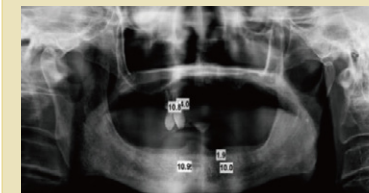
- Indication  
Implant-Support Full Denture



- Wide neck form enable easier esthetic adaptation of the prosthesis to the structure beneath
- No preparative hole on the ridge lap of posterior, makes IMPLA also compatible for individual abutment
- The anatomic shape design of posterior gives patient high chewing efficiency and easier contact between cuspids and grooved areas.

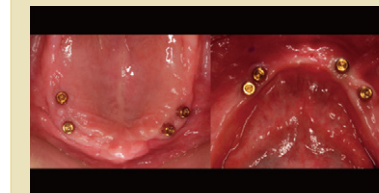
## Implant-support Full Denture Procedure

1st



take X-ray and decide the placement location for the dental implants

2nd



take implant inside the bone and put locator platform

3rd



taking impressions and trying implant supported dentures on model

4th



dentures with holes for implants

5th



inserting implant dentures

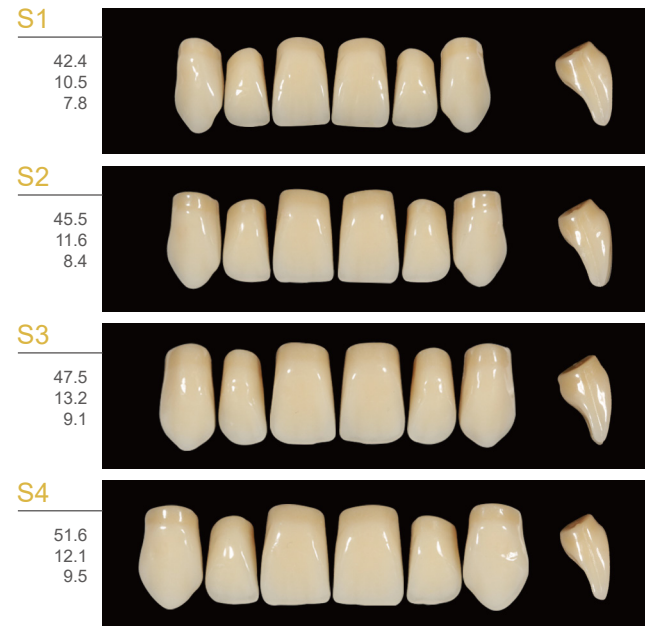
- Implant-support Full Denture provide the patient with a number of benefits over conventional, removable varieties. These include:

- Provide up to 100% normal chewing efficiency.
- A great investment could last upwards of 20 years.
- Adding strength to the jaw bone which can deteriorate as a result of tooth loss.
- More comfortable fit since they do not rub against the gums and mouth.
- Greater strength and durability.

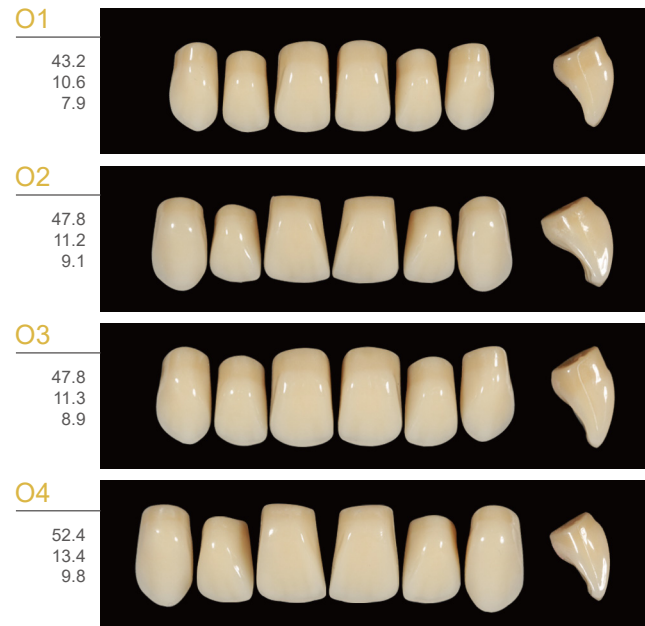


# IMPLA

## SQUARE



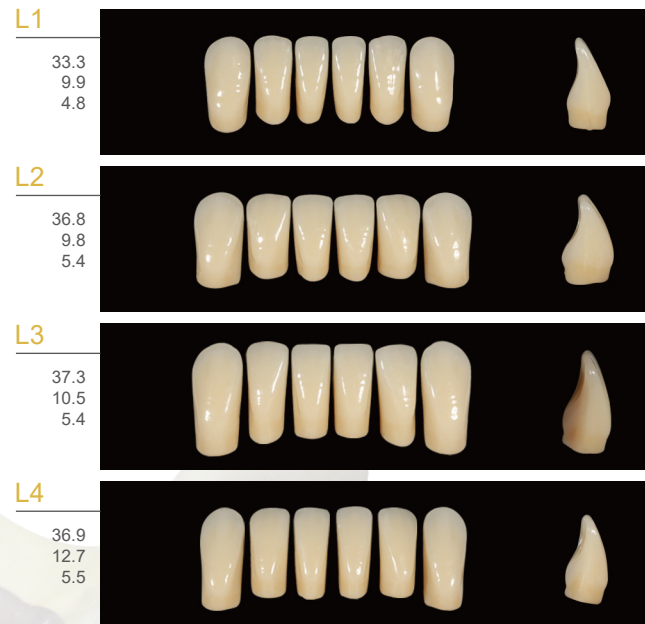
## OVOID



## TAPERING

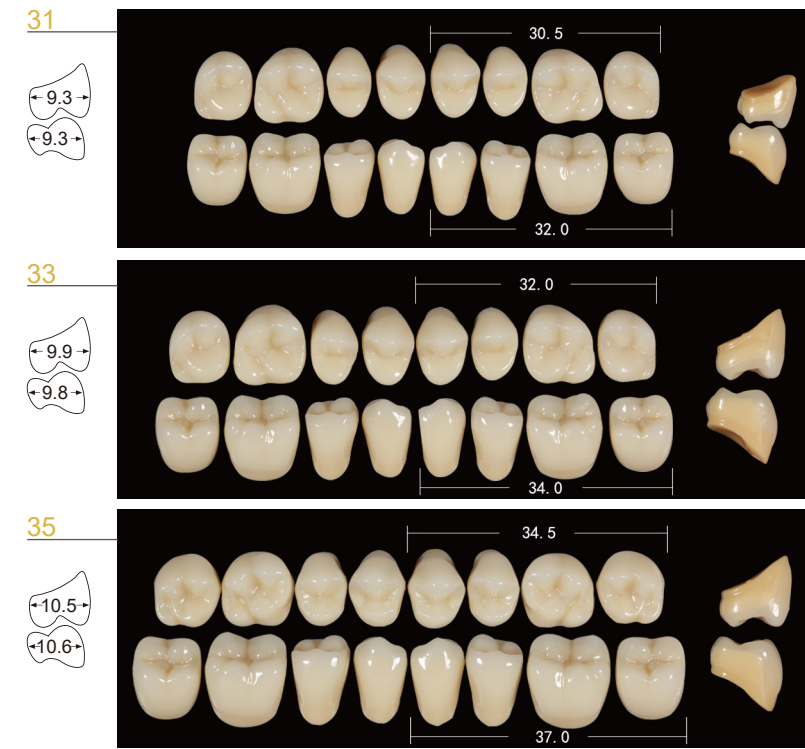


## LOWER ANTERIORS

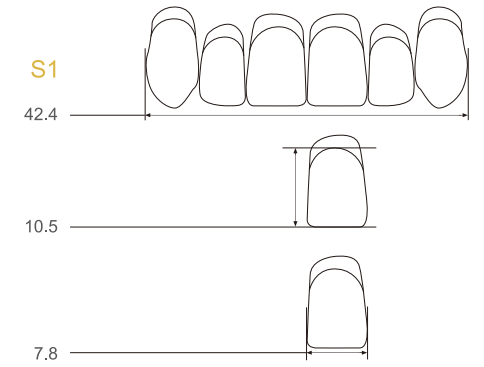
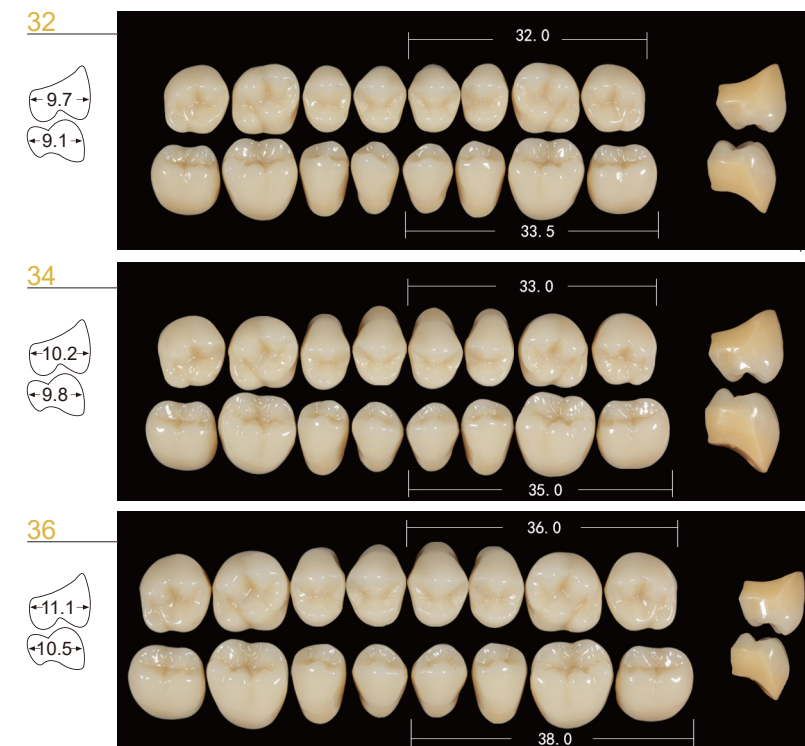


# IMPLA

## STANDARD



## OPTIONAL



All measurements in millimeters.

## COMBINED ARTICULATIONS

	Anterior		Posterior	
	Upper	Lower	Standard	Optional
S1	L1		31	32
S2		L2/ L3	33	34
S3		L2/ L3	33	34
S4		L3/ L4	35	36
T1	L1		31	32
T2		L2/ L3	33	34
T3		L2/ L3	33	34
T4		L3/ L4	35	36
O1	L1		31	32
O2		L2/ L3	33	34
O3		L2/ L3	33	34
O4		L3/L4	35	36



# IMPLA

## Delivery forms

- 12 upper anterior moulds: S1, S2, S3, S4, T1, T2, T3, T4, O1, O2, O3, O4;
- 4 lower anterior moulds: L1, L2, L3, L4;
- 12 posterior moulds: 31U, 31L, 33U, 33L, 35U, 35L; 32U, 32L, 34U, 34L, 36U, 36L;

## Classical 16 A-D shades

- Package with wax card



6X16/box  
(6 pcs/card, 16 cards/box)



8X12/box  
(8 pcs/card, 12 cards/box)



28X1/denture box



# MAIST

The MAIST series is absolutely the top range of acrylic teeth products, combining aesthetical attractiveness and natural appearance together. MAIST teeth are suitable for partial and complete denture the same as for implant-supported denture. Variety of moulds shapes designed to fit different patient's facial characteristics.



## Advantages

- ◎ High-performance double cross link material with the most outstanding properties suits the European customers especially;
- ◎ Improved wear behavior of implant dentures;
- ◎ Lifelike layering in anterior with internal mamelons and harmonized layering in posterior;
- ◎ Wide range selection of moulds;
- ◎ Available in the well-known shade classification.

## Delivery Forms

- ◎ 20 upper anterior molds: S1, S2, S3, S4, S5, S6, T1, T2, T3, T4, T5, T6, T7, T8, T9, O1, O2, O3, O4, O5;
- ◎ 12 lower anterior molds: L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L12;
- ◎ 20 posterior molds: 28°: 30U, 30L, 32U, 32L, 34U, 34L, 36U, 36L, 30MU, 30ML, 30SU, 30SL, 32SU, 32SL, 36MU, 36ML; 0°: Z1U, Z1L, Z2U, Z2L
- ◎ Classical 16 A-D shades



6X16/box  
(6 pcs/card, 16 cards/box)



8X12/box  
(8 pcs/card, 12 cards/box)



28x1/single box



1\*28 teeth/box  
28X1/denture box



# MAIST



## SQUARE

**S1**  
41.3  
8.4  
8.0

**S2**  
43.5  
9.8  
8.3

**S3**  
46.0  
10.3  
8.7

**S4**  
46.3  
10.8  
8.8

**S5**  
50.2  
12.3  
9.0

**S6**  
52.0  
10.0  
9.3



## TAPERING

**T1**  
41.8  
9.9  
8.1

**T2**  
43.2  
10.7  
8.4

**T3**  
47.0  
11.4  
8.8

**T4**  
48.5  
10.9  
8.8

**T5**  
51.6  
12.7  
9.7

**T6**  
48.1  
11.2  
9.1

**T7**  
43.3  
9.7  
8.0

**T8**  
45.0  
11.0  
8.7

**T9**  
46.8  
9.9  
8.8



## OVOID

**O1**  
41.8  
9.0  
7.6

# MAIST

**O2**  
42.7  
9.4  
7.8

**O3**  
46.3  
9.6  
8.6

**O4**  
46.4  
10.3  
8.8

**O5**  
48.9  
12.2  
9.0

## LOWER ANTERIORS

**L1**  
32.1  
8.2  
4.7

**L2**  
34.8  
8.7  
5.2

**L3**  
34.6  
9.4  
5.0

**L4**  
35.8  
9.4  
5.7

**L5**  
37.4  
9.0  
5.7

**L6**  
38.1  
9.6  
5.7

**L7**  
38.8  
11.0  
5.6

**L8**  
39.0  
10.7  
6.0

**L9**  
38.6  
10.8  
6.0

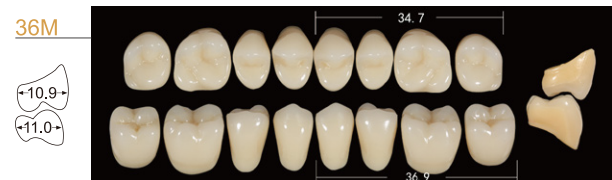
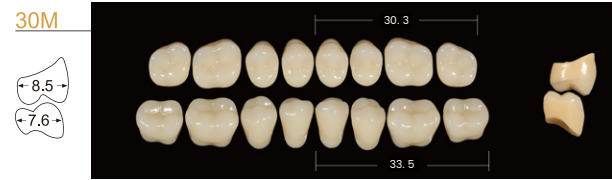
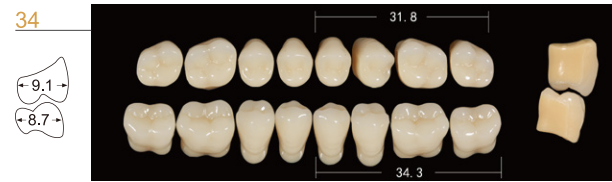
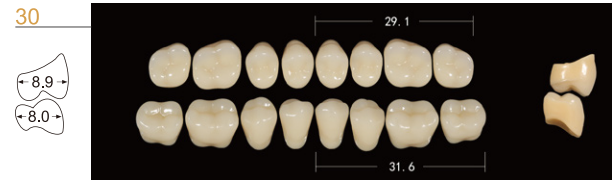
**L10**  
39.1  
11.5  
6.2

**L11**  
35.9  
10.4  
5.4

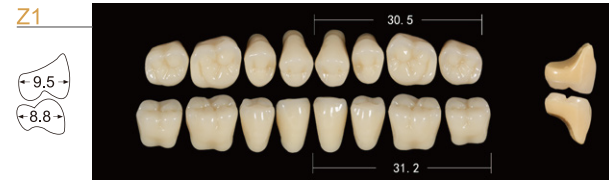
**L12**  
35.6  
8.3  
5.0

# MAIST

## POSTERIOR 28°



## POSTERIOR 0°



## COMBINATED ARTICULATIONS

Anterior		Posterior			
Upper	Lower	A	B	C	D
S1	L1	30	Z1	30M	30S
S2	L2	30	Z1	30M	32S
S3	L2	34	Z2		32S
S4	L3	34	Z2		
S5	L7/L10	36	Z2	36M	
S6	L8	36	Z2		
T1	L1	30	Z1	30M	30S
T2	L2	32	Z1	30M	32S
T3	L5	34	Z2	30M	32S
T4	L6	34	Z2		
T5	L8/L10	36	Z2	36M	
T6	L7/L11	34	Z2		
T7	L3	30	Z1	30M	32S
T8	L11	32	Z1		32S
T9	L11/L12	32	Z1		32S
O1	L1	30	Z1		30S
O2	L1	30	Z2		30S
O3	L2	34	Z2	30M	
O4	L4	34	Z2		
O5	L7/L11	36			

# KAIPLUS

KAIPLUS Synthetic Polymer Teeth is one of the high standard tooth lines of HUGE. It was created with extremely hard composite teeth material to satisfy a critical need for premium denture teeth that combined exceptional aesthetics with popular shades and familiar molds. It is the fastest-growing aesthetic denture tooth in Asia especially in Japan and Korea.



### Advantages

- Four layers lifelike anterior with internal mamelons' design; Tapering, Combination and Short Square of different sizes for choice;
- High grinding resistance;
- Smooth and shiny surface after been re-polished;
- Easy ordering;
- Shades similar to popular composite teeth which have been known by all technicians and dentists, and shades can replace each other and be used together.

### Delivery forms

- 9 upper anterior moulds: T4,T5,T6, C4; C5, C6, SS4, SS5, SS6
- 9 lower anterior moulds: T4,T5,T6, C4, C5, C6, SS4, SS5, SS6
- 6 posterior moulds: 28U, 28L, 30U, 30L, 32U, 32L



6x16/box  
(6 pcs/card, 16 cards/box)

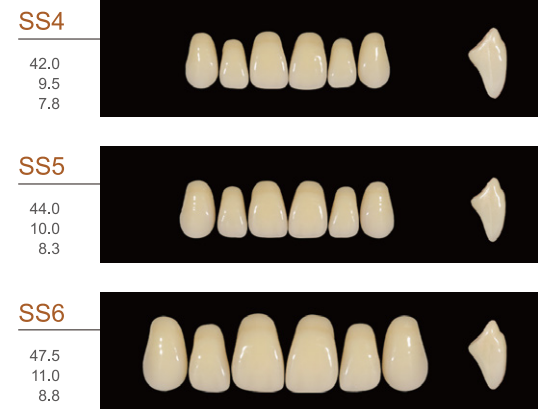


8x12/box  
(8 pcs/card, 12 cards/box)

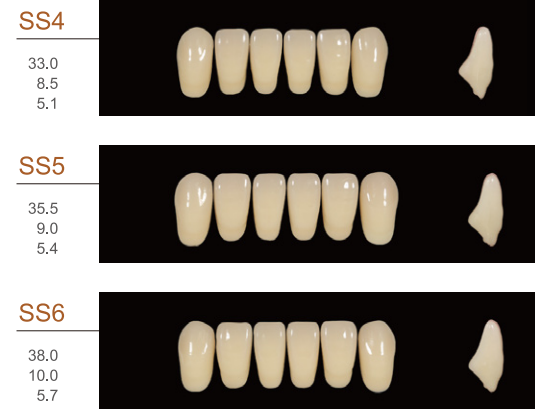


# KAIPLUS

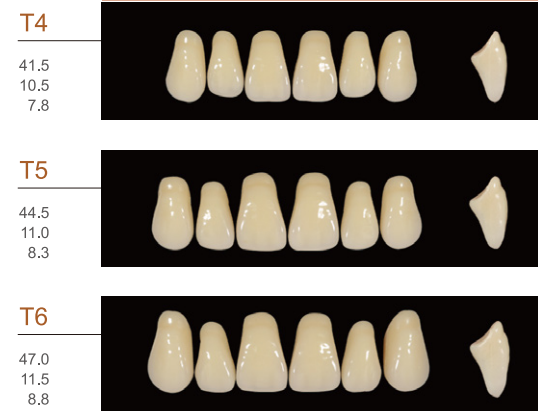
## SHORT SQUARE



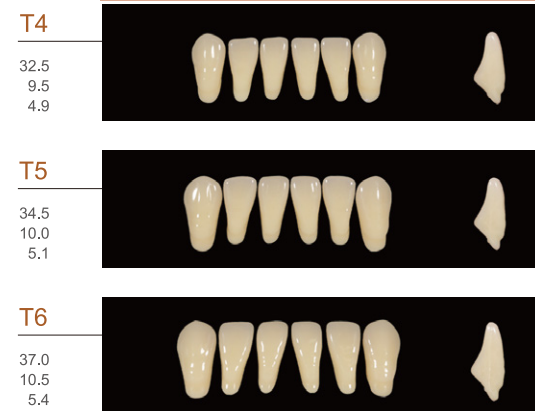
## SHORT SQUARE



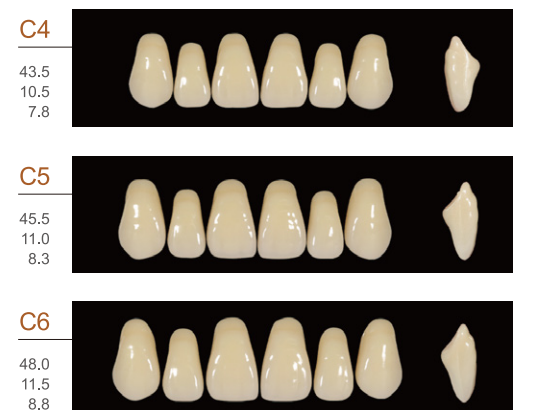
## TAPERING



## TAPERING



## COMBINATION

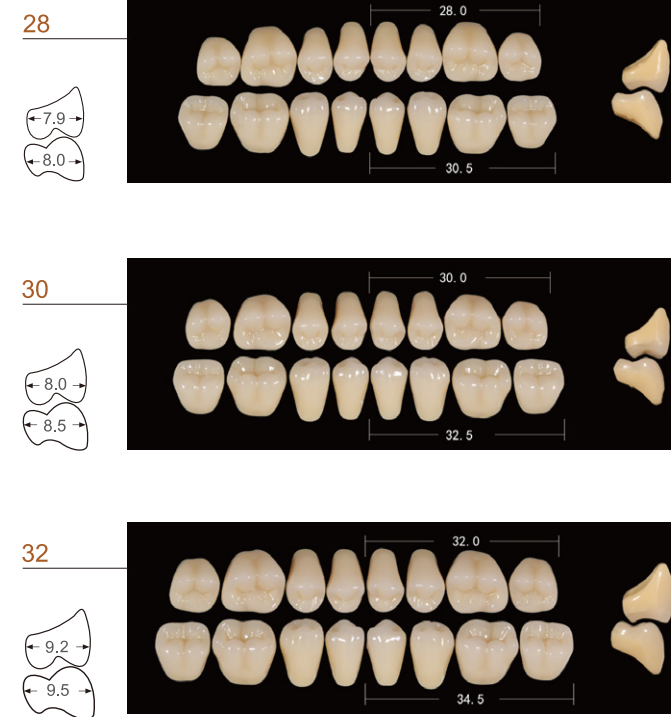


## COMBINATION



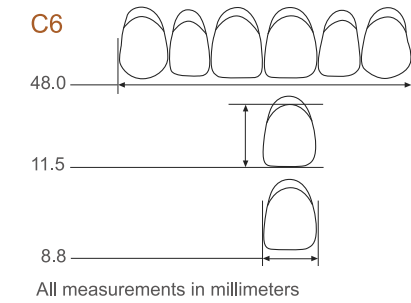
# KAIPLUS

## POSTERIORES 20°



## COMBINED ARTICULATIONS

	Anterior	Posterior
Upper	Lower	20°
T4	T4	28
T5	T5	30
T6	T6	32
C4	C4	28
C5	C5	30
C6	C6	32
SS4	SS4	28
SS5	SS5	30
SS6	SS6	32



# KAIJING

KAIJING synthetic polymer teeth as one of the hard resin teeth lines, was created by HUGE to satisfy a critical need for a premium denture tooth that combines exceptional aesthetics with popular shades and familiar moulds. Kaijing has the finest Asian moulds which are designed based the typical Asian tooth shape. It is the fastest-growing aesthetic denture tooth in Asia.



## Advantages

- Overall Natural Appearance
- Multiple Moulds for Choice
- Excellent Tooth Properties
- 5 year Guarantee

## Delivery forms

- 10 upper anterior moulds: SS1, SS2, SS3, SS4, T2, T3, C1, C2, C3, C4
- 10 lower anterior moulds: SS1, SS2, SS3, SS4, T2, T3, C1, C2, C3, C4
- 6 posterior moulds: 28SU, 28SL, 30MU, 30ML, 32MU, 32ML
- Popular international shades A2, A3, A3.5
- Anterior: 6 teeth/card, 16 cards/box
- Posterior: 8 teeth/card, 12 cards/box
- Full set: 28 teeth/set, 1 set/box



6x16/box  
(6pcs/card, 16cards/box)



8x12/box  
(8pcs/card, 12cards/box)



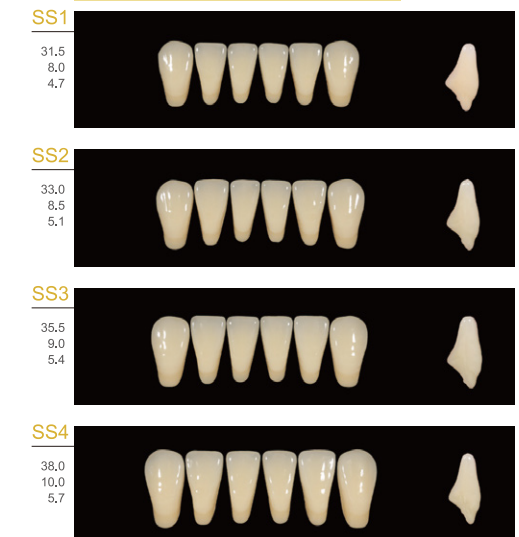
28x1 / single box

# KAIJING

## SHORT SQUARE



## SHORT SQUARE



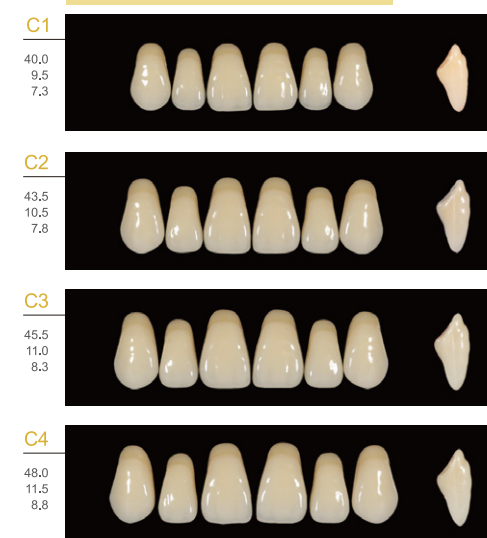
## TAPERING



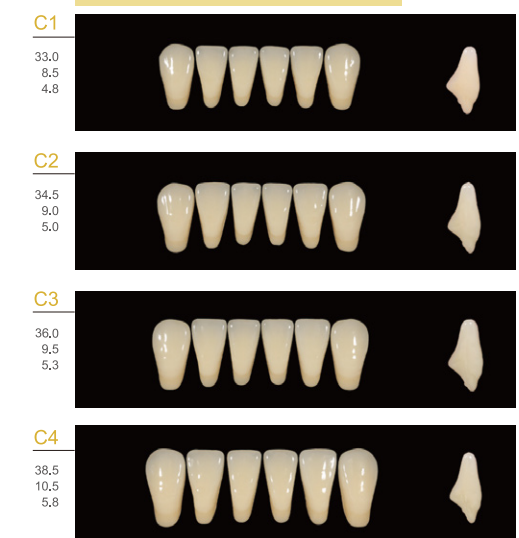
## TAPERING



## COMBINATION



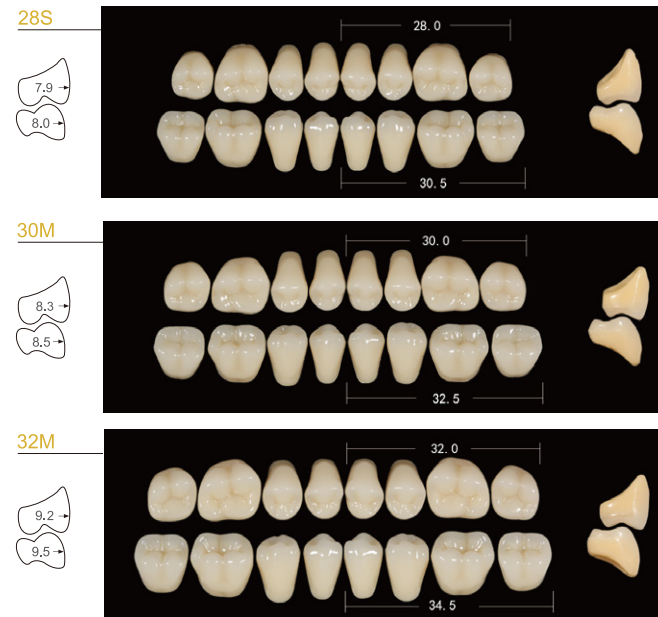
## COMBINATION





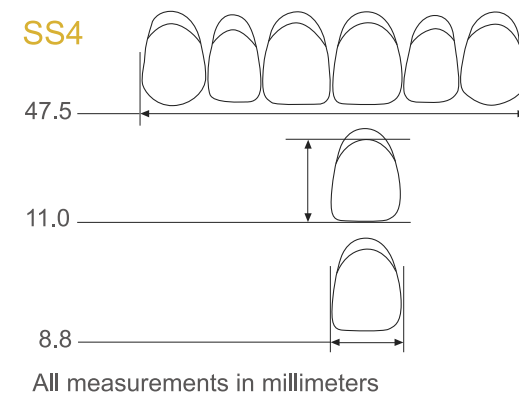
# KAIJING

## POSTERIOR 20°



## COMBINATED ARTICULATIONS

Anterior		Posterior
Upper	Lower	20°
C1	C1	28S
C2	C2	30M
C3	C3	32M
C4	C4	32M
SS1	SS1	28S
SS2	SS2	30M
SS3	SS3	32M
SS4	SS4	32M
T2	T2	30M
T3	T3	32M



# Sonning

Combined with outstanding physical properties, Sonning is designed for all the facial characteristics around the world. The natural morphology, superior material quality, simple processing and good price-performance ratio render it a true "asset" for the customers.



## Advantages

- Generation polymer materials: Double Cross Link material with high molecular weight.
- Improved wear resistance
- Minimum water absorption
- Outstanding solvent resistance
- None wax teeth card, easy to use
- Excellent shade stability
- Extremely low affinity to plaque
- Anti-cracking
- Order in cabinet- save managing cost, easy to use

## Farewell regret-Sonning special Kid's Mould

Thanks to the small size design, O1/30A can be used for congenital anodontia children and the patients who have a gingival recession and smaller interface distance due to not wearing dentures for a long time.

## Life-like, porcelain tooth look

Check Sonning teeth incisal under natural light, the sheen is like that from natural teeth. 2 layers enamel design of lingual and labial, makes the Sonning anterior more translucent and life-like.



## Posterior - thicker enamel design, better wear- resistance

Fine powder can be got when enamel layer is grinded, which stands for higher wear resistance. Thicker enamel layer of Sonning posterior, maintains tooth function after grinding, and leads to better wear-resistance and anti-stain ability.

## Sonning Special Kid's Mould

Thanks to the small size design, O1/O1/30A can be used for congenital anodontia children and the patients who have a gingival recession and smaller interarch distance due to not wearing dentures for a long time.



# Sonning

**SQUARE**

**S2**  
45.0  
9.0  
8.2

**S3**  
43.5  
8.7  
8.3

**S4**  
47.0  
9.7  
9.0

**S5**  
44.5  
9.7  
8.4

**TAPERING**

**T1**  
40.5  
8.5  
7.5

**T3**  
43.5  
9.7  
8.0

**T4**  
43.5  
9.9  
8.2

**T5**  
45.5  
10.6  
8.4

**TAPERING**

**T6**  
48.0  
10.6  
8.8

**T7**  
46.5  
10.4  
8.5

**T9**  
49.0  
11.0  
9.2

**T11**  
49.0  
12.0  
8.9

**T12**  
51.5  
13.0  
9.7

**OVOID**

**O5**  
47.5  
10.6  
8.9

**O8**  
52.0  
11.1  
9.7



# Sonning

**LOWER ANTERIORS**

**L1**  
30.5  
7.1  
4.3

**L2**  
32.5  
7.8  
5.0

**L3**  
31.5  
9.8  
4.5

**L4**  
33.5  
10.4  
5.1

**L5**  
36.0  
8.2  
5.6

**L6**  
35.0  
8.3  
5.3

**L7**  
35.5  
8.6  
5.5

**LOWER ANTERIORS**

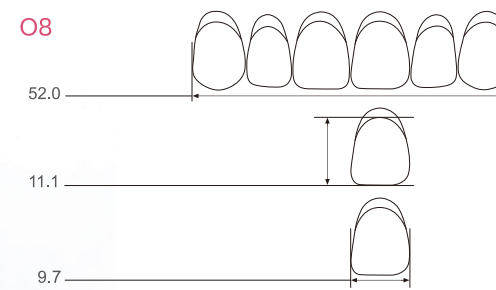
**L8**  
38.0  
9.9  
5.8

**L11**  
39.0  
9.7  
6.0

**L14**  
41.0  
10.7  
6.2

## COMBINED ARTICULATIONS

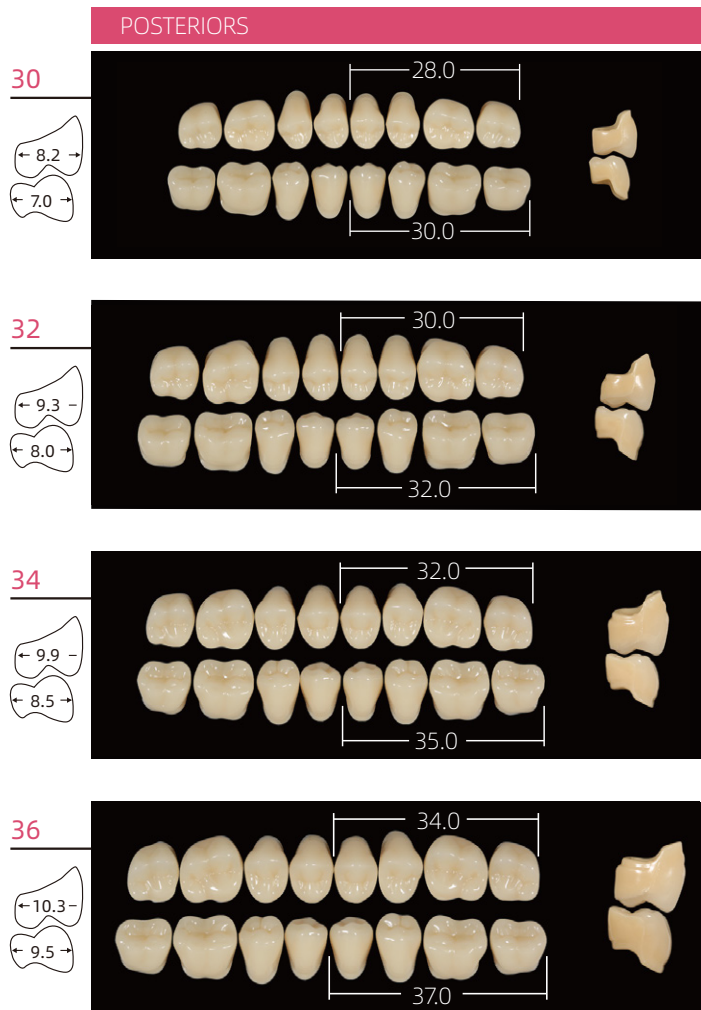
Upper anteriors	Lower anteriors	Posteriors 28°
S2	L2	30
S3	L5	30
S4	L7	32
S5	L5	32
T1	L1	30
T3	L6	32
T4	L6	32
T5	L7	32
T6	L7	32
T7	L7	32
T9	L11	32
T11	L11	34
T12	L14	34
O5	L8	34
O8	L14	36



All measurements in millimeters.



# Sonning



## Delivery Forms

- 15 upper anterior molds: S2, S3, S4, S5, T1, T3, T4, T5, T6, T7, T9, T11, T12, O5, O8
- 10 lower anterior molds: L1, L2, L3, L4, L5, L6, L7, L8, L11, L14
- 8 posterior molds: 30U, 30L, 32U, 32L, 34U, 34L, 36U, 36L

## Classical 16 A-D shades



6x16/box  
(6 pcs/card, 16 cards/box)



8x12/box  
(8 pcs/card, 12 cards/box)



28x4/box  
(4 sets/box)

# Bluebell

Bluebell, a classic teeth line, is made from general PMMA resin, 2 layered for both anterior and posterior. Having adopted the advanced heat and cool press molding and enamel layer wrapping technology. Bluebell has become an influential and very popular economic tooth in the world today.



## Advantages

- Excellent shade stability
- Minimum water absorption
- Low affinity to plaque

## Delivery Forms

- 14 upper anterior molds: S1, S2, S3, S4, T2, T3, T4, T5, T6, O1, O3, O4, SS3, SS4
- 11 lower anterior molds: L2, L3, L4, L5, L6, L7, L8, L9, L10, L12, L13
- 16 posterior molds: 30MU, 30ML, 32MU, 32ML, 34MU, 34ML, 30SU, 30SL, 32SU, 32SL, 229U, 229L, 231U, 231L, 233U, 233L
- Classical 16 A-D shades



6x16/box  
(6 pcs/card, 16 cards/box)



8x12/box  
(8 pcs/card, 12 cards/box)

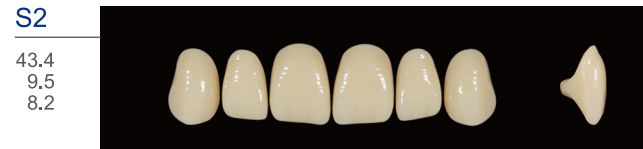


28x4/box  
(4 sets/box)

# Bluebell



## SQUARE



## TAPERING

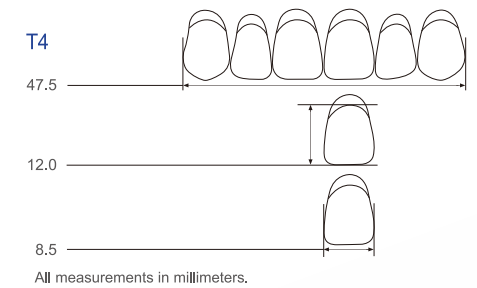


## OVOID



# Bluebell

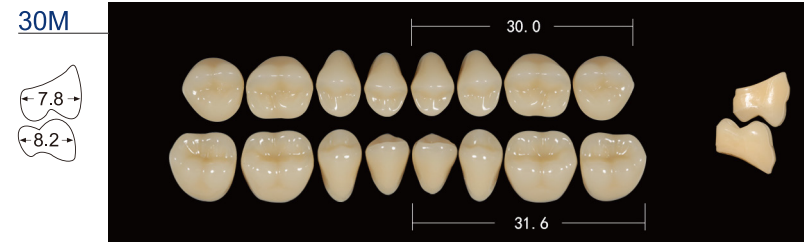
## LOWER ANTERIORS





# Bluebell

## POSTERIOIRS 33°



## POSTERIOIRS 20°



# Bluebell

## POSTERIOIRS 28°



## COMBINED ARTICULATIONS

Anteriors		Posteriors		
Upper	Lower	33°(standard)	20°(optional)	28°(optional)
S1	L2	30M	229	30S
S2	L4	30M	229	30S
S3	L7	32M	231	32S
S4	L9	34M	233	
T2	L5	30M/32M	229	30S/32S
T3	L7	32M	231	32S
T4	L10	34M	231/233	
T5	L12	34M	233	
T6	L13	34M	233	
O1	L3	30M	231	30S
O3	L7	32M	231	32S
O4	L10	34M	233	
SS3	L9	34M	231	
SS4	L9	34M	233	



# KAILI

KAILI, 2 layers economical teeth made by general PMMA resin, is warmly welcomed by customers worldwide due to its good quality and reasonable price.

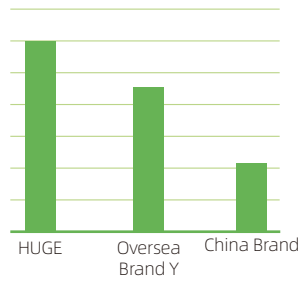


### Advantages

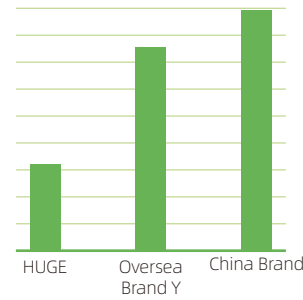
- High quality raw material
- Natural design
- Advanced manufacturing technique
- Patent packing

### Physical Property

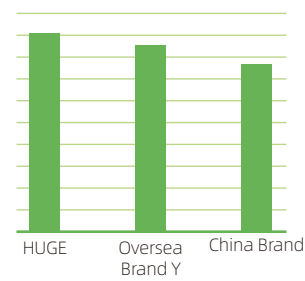
Vickers Hardness/HV0.2



Staining Test/ΔE



Bonding Strength/N



### Delivery Forms

- 9 upper anterior molds: T2, T4, T6, T8, T10, S2, S4, S6, S8
- 5 lower anterior molds: L2, L4, L6, L8, L10
- 12 posterior molds: 30U, 30L, 30SU, 30SL, 32U, 32L, 32SU, 32SL, 34U, 34L, 36MU, 36ML
- Classical 16 A-D shades



6x16/box  
(6 pcs/card, 16 cards/box)



8x12/box  
(8 pcs/card, 12 cards/box)



28x14/box  
(4 sets/box)

# KAILI

### TAPERING

**T2**  
39.5  
8.5  
7.0

**T4**  
40.8  
9.3  
7.7

**T6**  
43.0  
10.0  
8.0

**T8**  
46.8  
10.3  
8.7

**T10**  
50.8  
11.0  
9.3

### LOWER ANTERIORS

**L2**  
28.7  
7.3  
4.5

**L4**  
32.7  
8.3  
4.8

**L6**  
33.4  
9.0  
4.8

**L8**  
35.3  
9.3  
5.4

**L10**  
37.6  
9.7  
5.8

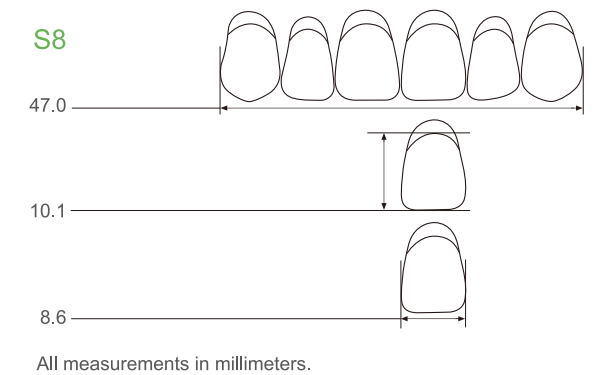
### SQUARE

**S2**  
40.4  
9.0  
7.5

**S4**  
42.7  
9.3  
8.0

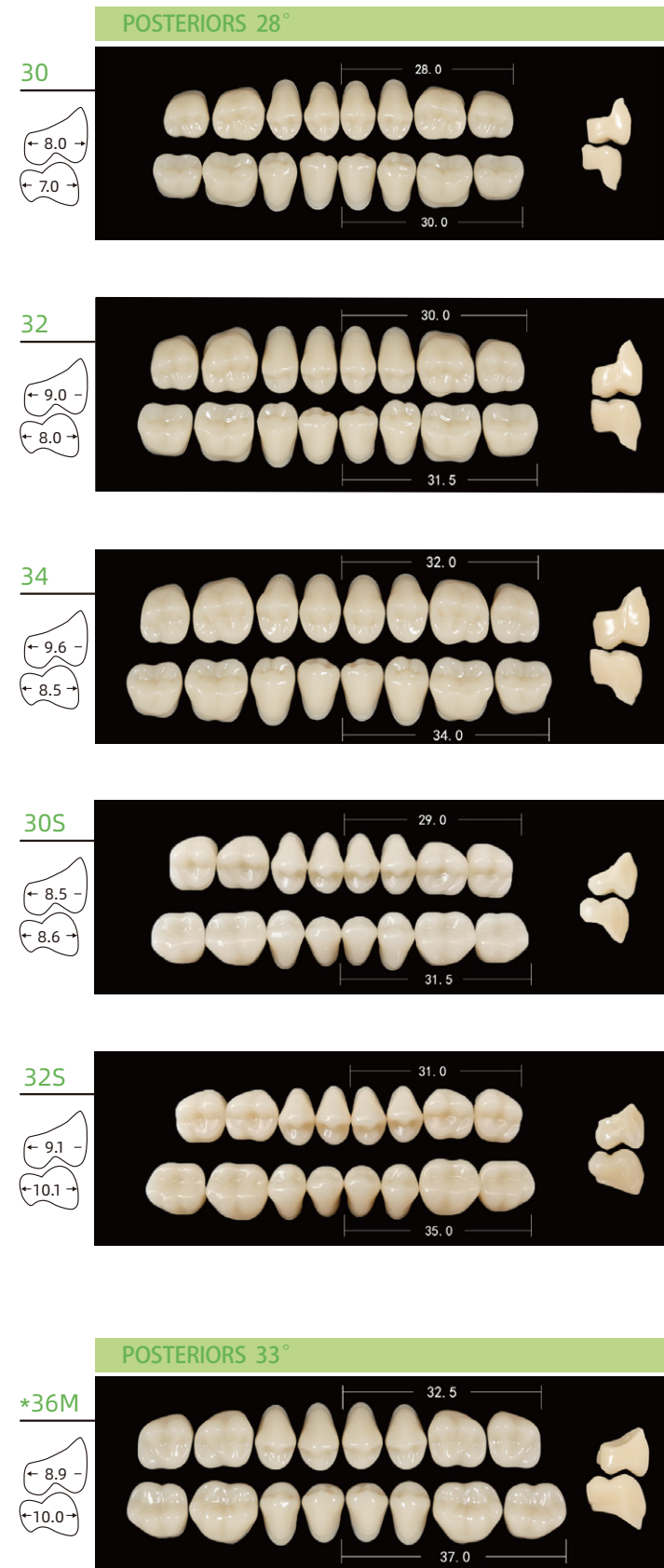
**S6**  
44.0  
9.7  
8.1

**S8**  
47.0  
10.1  
8.6





# KAILI



COMBINATION ARTICULATIONS		
Anteriors		Posteriors
Upper	Lower	28°
T2	L2	30
T4	L4	30
T6	L6	32/30S
T8	L8	34/32S
T10	L10	*36M
S2	L2	30
S4	L4	30
S6	L6	32/30S
S8	L8	34/32S

- the dimensions of the teeth have a tolerance of 5% less than from the values shown in the mould chart;
- Colour and blending of shades: designed as per the natural tooth structure to make the tooth show the translucent opalescence effect in shade and it's transition for enamel and dentine;
- No porosity and other defects: no porosity or defects, such as rough trimming, rough finish or visible impurities on the coronal surfaces;
- 30S and 32S, the new designed two-layer color posteriors, to provide more choices;

# Seniors

Seniors is a range of only posterior teeth including LOP (Long-centric occlusal pattern) Posterior which is the improved lingualized posterior, 0° and 10° posterior.

## Delivery forms

- 16 A-D shades
- Posterior moulds:
  - LOP (Long-centric occlusal pattern) posterior: 28MU, 28ML, 30MU, 30ML, 32U, 32L
  - 0 degree posterior: 029U, 029L, 031U, 031L, 033U, 033L
  - 10 degree posterior: 130U, 130L, 132U, 132L, 134U, 134L
- Standard packaging specification: 1\*8/card for posterior, 12 cards/box



1\*8/card for posterior  
12 cards/box

## Long-Centric Occlusal Pattern (LOP)



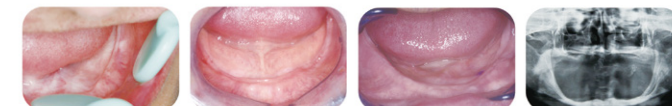
In 2005, Prof. Jun Xu from Peking University School of Stomatology, the Chinese national key stomatology college and medical institution, which is the largest international medical institution that is providing oral specialty services, designed the LOP (Long-centric occlusal pattern) posterior, which can be applied to patients with severe resorption of alveolar bone and very flat alveolar ridge. It can significantly improve the retention of complete denture and realization of masticatory efficiency.

## The Design Of LOP (Long-Centric Occlusal Pattern) Posterior Provides

- Simple to finalize the occlusion
- Easy to adjust the occlusion
- Comfortable wearing & low revisiting rate
- Protect the alveolar ridge effectively; improve patients' life quality

## Application Range

- Residual ridge is flat; alveolar bone resorption is severe and even to the maxillary bone body.
- There is a wide mismatch in the mandibular arch relationship; the unilateral anti-jaw is over 10mm.
- Maxillo-Mandibular Relationship is not stable and even cannot be identified.
- All lining mucosa transforming appears in the stress-bearing area.
- All patients who are suitable for anatomical occlusion.
- Complete implant covers complete denture repairing.



## Case From LOP (Long-centric occlusal pattern) Posterior



# Seniors

## Occlusal Contact Of Lop (Long-Centric Occlusal Pattern)

- Occlusal contact of Centric Occlusion. Contact of lingual cusps of  $\overline{54|45}$ , mesial lingual cusps of  $\overline{76|67}$  and mandibular fossae.



Centric occlusion (Maxillary)



Centric occlusion (Mandibular)



Centric occlusion (lingual view)

- Occlusal contact of Protrusive Occlusion. When anteriors contacts, the mesial slopes of distal marginal ridges on  $\overline{76|67}$  will contact the distal slopes of mesial lingual cusps on  $\overline{76|67}$ .



Occlusal contact of Protrusive Occlusion (Maxillary)



Occlusal contact of Protrusive Occlusion (Mandibular)

- Occlusal contact of Lateral Occlusion. Working side: contact of upper lingual cusp and lingual wall of lower fossae. Balancing side: contact of upper lingual cusp and buccal wall of lower fossae.



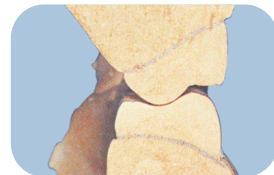
Occlusal contact of Lateral Occlusion (yellow arrow: working side, green arrow: balancing side)

## Occlusal Adjustment Methods

- For centric occlusion, adjust the cusp not fossa. Three contact points on one side is ok, but with four points is best.
- For protrusive occlusion, adjust fossa incline not the tooth cusp. It can be only one contact point on both sides of the posterior.
- For lateral occlusion, adjust fossa wall not cusp. It is ok when two contact points of both working side and balancing side respectively make contact.



Centric occlusion (left side)



Centric occlusion (right side)



One cusp & one slope on the working side of Lateral Occlusion



One cusp & one slope on the balancing side of Lateral Occlusion

# Seniors

## POSTERIOR LOP



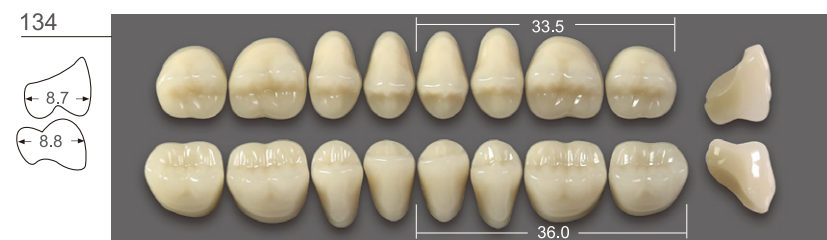
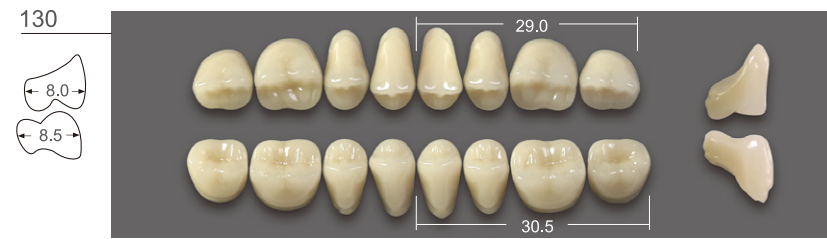
## POSTERIOR 0°





# Seniors

## POSTERIOR 10°



## Seniors Combined Articulations

Maist anteriors		Seniors posteriors	
Upper	Lower	10°	LOP
S1	L1	130	28M
S2	L2	130	28M
S3	L2	132	30M
S4	L3	134	/
S5	L7	134	32
S6	L8	134	32
T1	L1	132	28M
T2	L2	132	28M
T3	L5	130	30M
T4	L6	130	32
T5	L8	134	32
T6	L7/L11	134	32
T7	L3	130	30M
T8	L11	130	30M
T9	L11/L12	130	30M
O1	L1	130	28M
O2	L1	130	28M
O3	L2	132	/
O4	L4	132	/
O5	L7/L11	134	32

KAIJING anteriors		Seniors posteriors		
Upper	Lower	0°	10°	LOP
SS1	SS1	029	130	28M
SS2	SS2	029	130	30M
SS3	SS3	031	132	32
SS4	SS4	031	132	/
C1	C1	029	130	28M
C2	C2	029	130	30M
C3	C3	031	132	32
C4	C4	031	132	/
T2	T2	029	130	/
T3	T3	031	132	/

Seniors Combined Articulations

Sonning anteriors		Seniors posteriors		
Upper	Lower	0°	10°	LOP
S2	L2	029	130	28M
S3	L5	029	130	/
S4	L7	029	130	/
S5	L5	029	130	/
T1	L1	029	130	28M
T3	L6	029	130	30M
T4	L6	029	130	/
T5	L7	029	130	32
T6	L7	029	130	32
T7	L7	029	130	/
T9	L11	029	130	/
T11	L11	031	132	/
T12	L14	031	132	/
O5	L8	031	132	/
O8	L14	033	134	/

Bluebell anteriors		Seniors posteriors		
Upper	Lower	0°	10°	
S1	L2	029	130	
S2	L4	029	130	
S3	L7/L8	031	132	
O1	L3	029	130	
O3	L6	031	132	
S4	L9	033	132	
O4	L10	033	132	
SS3	L9	031	132	
SS4	L9	033	132	
T2	L5	029	130	
T3	L7	031	132	
T4	L10	031/033	132	
T5	L12	033	134	
T6	L13	033	134	

KAILI anteriors		Seniors posteriors		
Upper	Lower	0°	10°	
S2	L2	029	130	
S4	L4	029	130	
S6	L6	029	130	
S8	L8	031	132	
T2	L2	029	130	
T4	L4	029	130	
T6	L6	029	130	
T8	L8	031	132	
T10	L10	033	134	

# Duplication Silicone Material

## A-Silicone for Laboratory

The addition-curing laboratory kneading silicone recommended for duplicating models in dental restoration scenarios and characterized by high precision, dimensionally stability, final hardness and easy operation.



- 10kg Base + 10kg Catalyst
- 5kg Base + 5kg Catalyst
- 450g Base + 450g Catalyst

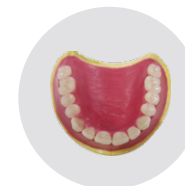
### Highlights

- Easy mixing ratio 1:1
- High fitting and outcoming precision
- High and popular final hardness
- No irritants and nasty smell
- Resistant to high temperature up to 200 C

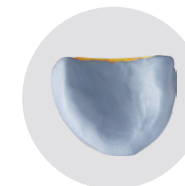


### Indication Scenario Examples

- Removable full denture with Cold-curing resin for injection technique



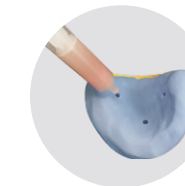
Prepare wax pattern



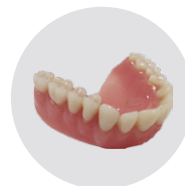
Adapt A-Silicone



Bond teeth



Inject denture base polymers



Get your perfect denture

- Partial denture temporary restoration for injection technique



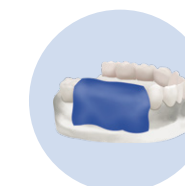
Master model



Place enforcing metal inner crown



Wax teeth restoration



Adapt A-Silicone



Finish partial restoration



# Duplication Silicone Material

- Aesthetic indirect restoration



Master model



Adapt A-silicone



Finish veneer restoration

# C-Silicone for Laboratory

The condensation-curing laboratory kneading silicone recommended for duplicating models in dental restoration and characterized by precise detail replication and low deformation rate.

## Highlights

- Low deformation rate
- Precise reproduction of detail
- Available in different hardness: Shore A hardness 90 and Shore A hardness 85



• 10kg Base + 5x40g Catalyst • 5kg Base + 2x40g Catalyst



## Operating Instruction



Take base



Spread catalyst



Mix base and catalyst



Adapt C-Silicone



Get your perfect partial model

# Duplication Silicone Material

## A-Silicone for Gingival Mask

The addition-curing silicone recommended for reproducing gingival morphology mainly in implant and fixed denture restoration and characterized by easy operation, precise detail replication and good dimensional stability.



• 50mlx2/ box



## Highlights

- Precise detail replication
- Good dimensional stability
- Excellent aesthetic performance

## Indication Scenario Examples



Adapt separating agent

Inject gingival mask

Cast gypsum model

# Light Curing Tray&Unit

## Light Curing Tray

### Description

Huge Light Curing Tray is a preformed tray indicated for making individual tray and can also work as temporary base plate in dental labs. As light curing material, it can be fast cured in 3 minutes in a unit. The product is characterized by easy operation, high precision, low deformation rate, high plasticity and pleasant mint flavour.

### Main Advantages

- Preformed → easy handling
- 3-minute fast curing → quick curing
- High hardness and fit different oral forms → accurate
- Soft → high plasticity
- Mint flavour → pleasant smell
- Various choices → pink or blue, thicker or thinner, all available



### Application

- Making individual tray



Types Features	Light Curing Tray	Self-cured resin Tray	Metal Tray
Operation	preformed → ready for use and time-saving	need mixing and kneading first → complicated and time-consuming	-
Plasticity	soft but with certain strength → easy to trim and shape when opening windows	too soft to work with in dough stage → difficult to trim and shape when opening windows	hard and rigid metal material → difficult to open window
Accuracy	high hardness after curing → low deformation rate ensuring accuracy	existence of contraction → unstable and inaccurate	specific and uniform size → fail to match different oral forms and inaccurate
Smell	mint flavour → pleasant smell	residual stimulative monomer → pungent smell	-

# Light Curing Tray&Unit

- Making temporary base plate

Types Features	Light Curing Base Plate	Wax base Plate
Operation	preformed → ready for use and time-saving	need heating first → time-consuming
Accuracy	high hardness after curing → low deformation rate ensuring accuracy	vulnerable to temperature → unstable and inaccurate



### Specification

Standard package



50pcs/box

Sample package



2pcs/bag

### Storage

Store this product in the ventilation. Avoid flame, high temperature and direct sunlight.  
Storage temperature: 4°C ~ 25°C  
Validity: 3 years

## Light Curing Unit

### Description

Huge Light Curing Unit is designed for the polymerization of light curing individual tray and other light curing materials. It is featured with high polymerizing capacity and low maintenance. The shaped light curing material can be fast cured in 3 minutes in it. And it is quite easy to operate with just a few steps in need.

### Advantages

- Easy operation
- High polymerization capacity
- All voltage available: 110V and 220V

### Instructions



01 Lay the Light Curing Unit to be horizontal and connect it to power supply



02 Put the shaped light curing material into the chamber for curing



03 Switch on the Unit, choose the 180s mode, press the button "Start" and wait a moment for curing





# Denture Base Polymers

Through particular multidirectional rotation compounding process, this product is made up by powder material of imported high-quality polymethyl methacrylate resin, with cadmium-free inorganic red pigment and bionic stria vascularis added.

This product is clinically suitable for prosthodontics as denture base of patients with hypodontia.

## Advantages

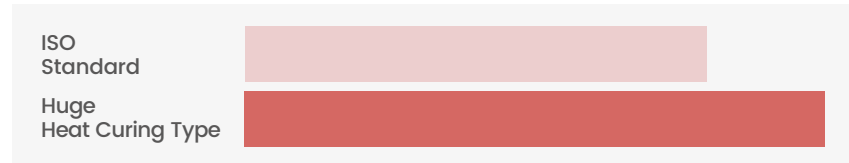
- Easy to polish
- Excellent handling properties
- Blanch free
- Craze free and solvent resistant
- Good working time
- Cadmium free



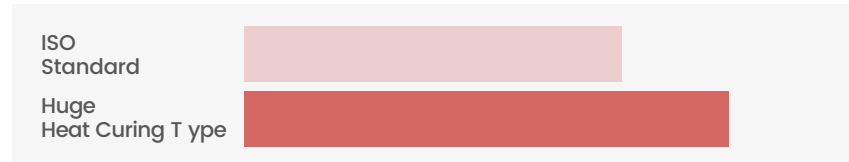
## Classification Fast Heat Curing Type

- Fast** Efficient **20-min** curing with water-bath heating saves technicians' time and energy
- Unbreakable** No fracture appears when testing sample be free to fall to the ground for 3 times at 2m height
- Shrink-Resistant** Good stability after curing ensures the accuracy of duplicates
- No Bubbles** High qualified rate of finished products with no obvious bubbles
- Natural and lifelike** Addition of bionic veined pigment achieves a natural and lifelike outlook

## Flexural Modulus(Mpa)



## Flexural Strength(Mpa)



# Denture Base Polymers

## Self Curing Type

- No heating required
- No bubbles
- Natural and lifelike
- 30-min curing time

## Traditional Heat Curing Type

- Pliable texture
- Five-shade options
- Shrink-resistant
- Natural aesthetics



## Delivery forms

- Shades: 0(clear), 2S, 2ST, 3ST, V, I



- Powder: 100g/bag, 10bags/box or 1000g/can
- Liquid: 500ml/bottle



## OEM supply



# Accessories

## Teeth Shade Guide

Shade Guide A:



16 A-D world popular shades, available for customized 20 shades.

Shade Guide B:

16 A-D world popular shades.

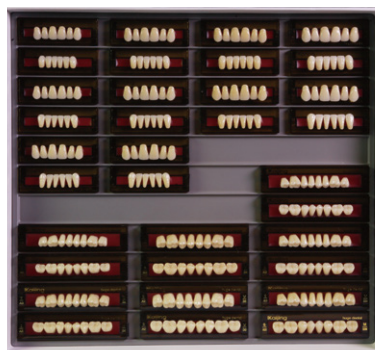


Shade Guide C:



## Teeth Living Mould Guide

Mould Guide 1:

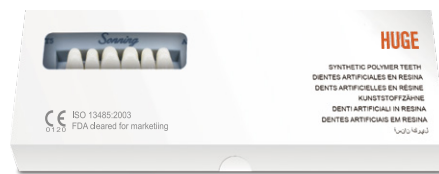


Mould Guide 2:



## 28X1 Teeth Sample Pack

- With one full set teeth inside, the sample pack is convenient for technicians to try teeth on any kind of case.
- Scuttle showing upper anterior makes it easier for customers to check shade and mould design of teeth directly.



## Teeth Trial Kit

- The Teeth Trial Kit is easy for try. And it includes.
  - One plastic zip-lock envelope;
  - One contact card with dealer information and certain tooth range information;
  - One card of anterior sample;
  - Simple shade guide or ruler by requirement;



# Accessories

## Denture Box

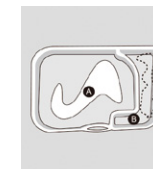
### Daily care of denture

Please rinse denture using clean water to prevent peculiar odor. Periodic sterilization is required to remove calculus and plaque on surface of denture.

### Denture Box Use Instruction



Seal the water-filled denture box inside waterproof package before carrying.



The S shape is designed to posit complete denture, upper jaw should be placed on large-curve side, lower jaw should be placed on small-curve side (see position A). Denture cleaning pills can be stored in position B.



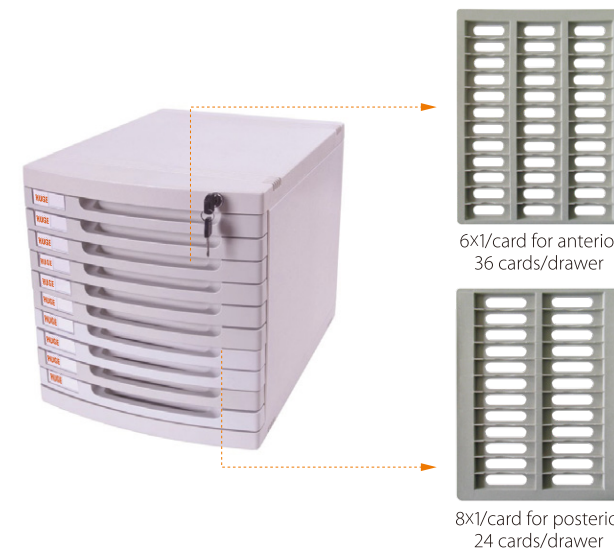
### Easy Brush Use Instruction



White brush is for cleaning denture teeth; Black brush is for cleaning metal part.

## Teeth Cabinet

- The cabinet has 10 drawers.
- Size: 395\*295\*325mm
- Weight (Empty): 5.5kgs. Weight (Full of Teeth): 11.6kgs.
- Color: Grey, Blue
- Material
  - Duroplasts material and grey plastic inside lining
- Suggested placement
  - 4 drawers for anterior teeth, 144 cards in total;
  - 6 drawers for posterior teeth, 144 cards in total.



6X1/card for anterior 36 cards/drawer

8X1/card for posterior 24 cards/drawer

## Loose Teeth Cabinet Pack

- The LTC has 9 rooms.
- Size of LTC: 180\*98\*120mm. 36 LTCs/carton.
- Weight (Empty): 305g. Weight (Full of Teeth): 470g.
- Material: Plastic
- Suggested placement
  - Pack 20 pieces tooth of same shade and same position in 1 room.

