



**Removable
Prosthetic Teeth**
Resource Guide

2020

World's Largest Distributor of Removable Prosthetic Teeth


Dentures and removables remain a big focus for Zahn Dental as baby boomers' needs and esthetic removable appliances grow — we have your solution. We have made enhancements to our inventory and capabilities to meet your needs. Our distribution centers are strategically located across the country which enable us to service you more efficiently to reduce multiple shipments and delays.


- Denture teeth from leading manufacturers
- Complete stock of gold crowns
- Tooth department on the East and West Coast
- A friendly and knowledgeable team
- Same-day shipping on orders placed by 3:00pm
- A bar-code system with scanner that streamlines a tooth stock to provide the greatest turnover
- One centralized e-mail address for questions, orders, and customer service: zahn.toothdept@henryschein.com



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Image APN®

Highly Wear Resistant Resin Teeth



IMAGE APN®: CREATING.... 2 MILLION SMILES SINCE 2003

Since 2003, more than 2 million sets of Image APN® denture teeth have been sold all across North America. That's a lot of new amazing smiles created with some of the best denture teeth, esthetically and functionally, in the market.

Image APN® Teeth

- Available in 35 anterior moulds and 32 posterior moulds
- 16 shades, A-D, and two modern white shades

Image APN® teeth are made of a highly wear resistant resin material. APN, which stands for “advanced polymer network” uses different grades of cross linking and a special distribution of molecular weights to create a tooth with both enhanced resistance to abrasion and excellent bonding to the denture base.

Image APN® teeth are strong and durable, making them very resistant to wear and staining. The Image APN® teeth have been tested at the University of Texas and were proven to have superior wear resistance (study available by request).

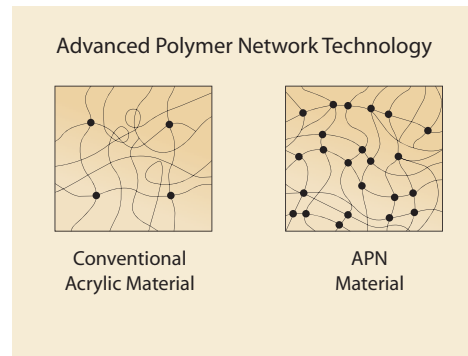


Image APN® teeth have been a staple in the marketplace since 2003. These premium denture teeth are backed by a 10-year warranty.



3 Three chromatic layers

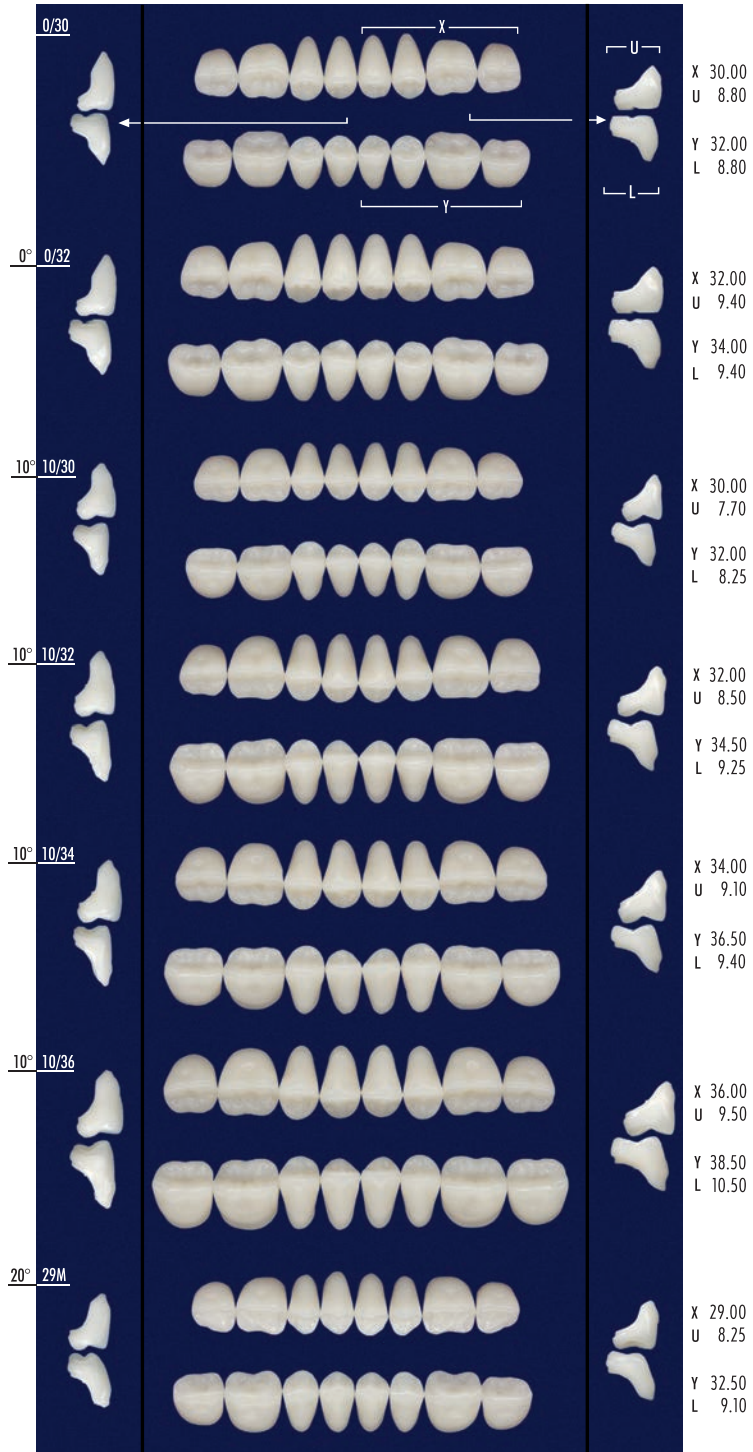
- x The average width of a 1x4 set of upper posteriors
- u The average depth of the upper left first molar
- y The average width of a 1x4 set of lower posteriors
- l The average depth of the lower left first molar

Shades:
A00 · A0 · A1 · A2 · A3 · A3.5 · A4 · B1 · B2
B3 · B4 · C1 · C2 · C3 · C4 · D2 · D3 · D4

20° 29L		X 29.00 U 8.25
20° 31M		X 31.00 U 8.75
20° 31L		Y 33.00 L 9.00
20° 33M		X 31.00 U 8.75
20° 33L		Y 34.50 L 9.70
33° 30M		X 32.00 U 8.90
33° 32M		Y 35.50 L 9.50
33° 32L		X 32.00 U 8.90
33° 32L		Y 37.00 L 10.25
33° 30M		X 33.00 U 9.25
33° 32M		Y 33.00 L 8.50
33° 32L		Y 32.50 L 8.50
33° 32L		X 30.00 U 8.10
33° 32L		Y 32.50 L 8.50
33° 32L		X 32.00 U 8.50
33° 32L		Y 34.50 L 9.00
33° 32L		X 32.00 U 8.40
33° 32L		Y 35.00

3 Three chromatic layers

Image APN® Posteriors



To order call: 1-800-496-9500

3 Three chromatic layers

LC52	TAPERING OVOID	
LC1		A 9.00 B 7.40 C 44.00/40.00
LD55		
LE2		A 10.25 B 8.25 C 47.50/43.50
LG62	OVOID	
LK1 LR8		A 11.90 B 9.20 C 52.50/48.50
LG65		
LO6		A 11.50 B 9.00 C 52.00/47.50
	SQUARE TAPERING OVOID	
LE75		A 11.00 B 8.35 C 49.50/45.50
LN5		

Image APN® Lower Anteriors

LC1		A 9.00 B 4.90 C 35.00/31.50
LE2		A 9.40 B 4.95 C 38.00/33.50
LF3		A 8.85 B 4.95 C 36.50/32.00
LH4		A 9.10 B 4.90 C 38.00/33.50
LN5		A 9.10 B 5.20 C 38.00/33.50
LO6		A 9.80 B 5.40 C 40.00/35.50
LP7		A 8.75 B 5.40 C 39.50/36.00
LR8		A 9.25 B 5.20 C 40.50/36.00
LS9		A 9.65 B 5.70 C 40.00/38.50
LK1		A 11.85 B 5.90 C 43.50/38/50

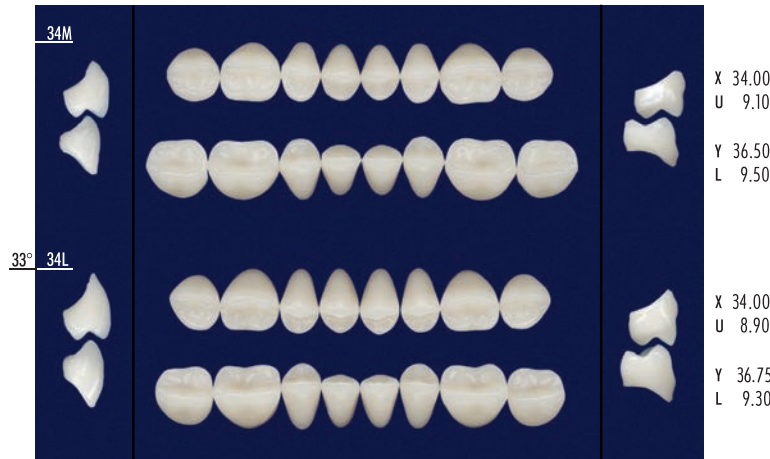


To order call: 1-800-496-9500

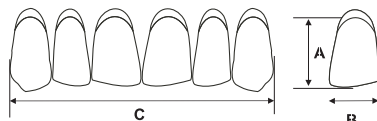
Image APN® Upper Anteriors

Code	Category	Dimensions (mm)
LH11	SQUARE	A 11.60 Length of central without collar (mm) B 9.35 Width of central (mm) C 54.00/ Width of Anteriors (mm) 50.50 the curve/flat
LE12		A 10.60 B 8.50 C 50.00/45.50
LN5		A 10.60 B 9.15 C 53.00/49.00
LG12		A 10.60 B 9.15 C 53.00/49.00
LR8		A 10.60 B 9.15 C 53.00/49.00
LE13		A 9.30 B 8.10 C 47.50/44.00
LH4		A 9.30 B 8.10 C 47.50/44.00
LD21	SQUARE TAPERING	A 10.50 B 8.05 C 47.00/44.00
LF3		A 10.50 B 8.05 C 47.00/44.00
LJ21		A 12.40 B 10.20 C 54.50
LK1		A 12.40 B 10.20 C 54.50
LX21		A 10.90 B 8.75 C 50.00/46.50
LP7		A 10.90 B 8.75 C 50.00/46.50
LC22		A 9.85 B 7.70 C 44.50/41.00
LCT		A 9.85 B 7.70 C 44.50/41.00
LE22		A 10.75 B 8.50 C 49.00/45.00
LH4		A 10.75 B 8.50 C 49.00/45.00
LG22		A 9.60 B 8.60 C 51.00/47.00
LO6 LP7		A 9.60 B 8.60 C 51.00/47.00
LH22		A 12.10 B 9.25 C 54.00/ 50.00
LP7		A 12.10 B 9.25 C 54.00/ 50.00
LF24		A 12.00 B 8.45 C 48.00/ 44.50
LF3		A 12.00 B 8.45 C 48.00/ 44.50
LH4		A 12.00 B 8.45 C 48.00/ 44.50
LF31	SQUARE OVOID	A 11.50 B 8.60 C 49.50/ 46.00
LO6 LP7		A 11.50 B 8.60 C 49.50/ 46.00
LE32		A 10.00 B 8.20 C 49.00/ 45.00
LH4		A 10.00 B 8.20 C 49.00/ 45.00
LD42	TAPERING	A 10.25 B 8.00 C 48.00/ 43.50
LF3		A 10.25 B 8.00 C 48.00/ 43.50
LF42		A 10.50 B 8.45 C 50.00/ 46.50
LH4		A 10.50 B 8.45 C 50.00/ 46.50
LG42		A 10.40 B 8.70 C 52.00/ 48.00
LO6 LP7		A 10.40 B 8.70 C 52.00/ 48.00
LD43		A 8.70 B 7.85 C 45.50/ 41.50
LCT		A 8.70 B 7.85 C 45.50/ 41.50
LF43		A 9.60 B 8.80 C 49.00/ 45.50
LN5		A 9.60 B 8.80 C 49.00/ 45.50
LH45		A 11.25 B 8.85 C 54.00/ 49.50
LR8		A 11.25 B 8.85 C 54.00/ 49.50

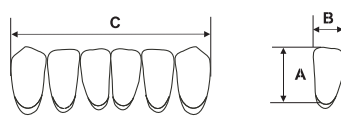
3 Three chromatic layers



Examples
 A Length of central without collar (mm)
 B Width of central (mm)
 C Width of 6 anteriors on curve/flat plane (mm)



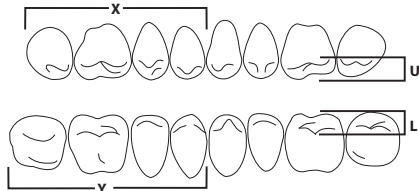
Mould LE22 A=10.75 B=8.50 C=49.00/45.00



Mould LH4 A = 9.10 B=4.9 C= 36.50/32.00

The average width of a 1x4 set of upper posteriors =X
 the lower posteriors=Y

The average depth of the upper left first molar =U
 the lower left first molar =L



POSTERIOR ANGULATIONS



Shades:

A00 · A0 · A1 · A2 · A3 · A3.5 · A4 · B1 · B2 · B3 · B4 · C1 · C2 · C3 · C4 · D2 · D3 · D4

Image APN®

Highly Wear Resistant Resin Teeth

Acrylic Resin Teeth for Removable Prostheses Type I (Anteriors) and Type II (Posteriors)

Complies with ANSI/ADA Spec No 15-2008 and ISO 22112:2005 Canadian Device License No. 61658

Anteriors		Posteriors			
UPPER	LOWER	0°	10°	20°	33°
SUGGESTED ARTICULATIONS					
SQUARE					
LH11	LS9	0/32	10/34	33M	34M
LE12	LN5	0/32	10/32	31M	32L
LG12	LR8	0/32	10/34	33M	34M
LE13	LH4	0/30	10/30	31M	30M
SQUARE TAPERING					
LD21	LF3	0/30	10/30	29L	30M
LJ21	LK1	0/32	10/36	33M	34L
LX21	LP7	0/32	10/32	31M	32M
LC22	LC1	0/30	10/30	29M	30M
LE22	LH4	0/30	10/30	31L	30M
LG22	LO6 - LP7	0/32	10/32	31M	32M
LH22	LP7	0/32	10/34	33M	34L
LF24	LF3 - LH4	0/32	10/32	31M	32L
SQUARE OVOID					
LF31	LO6 - LP7	0/32	10/32	31M	32L
LE32	LH4	0/32	10/32	31M	32M
TAPERING					
LD42	LF3	0/30	10/30	29L - 29M	30M
LF42	LH4	0/32	10/32	31M	32L
LG42	LO6 - LP7	0/32	10/32	31M - 33M	32M
LD43	LC1	0/30	10/30	29L - 29M	32M
LF43	LN5	0/32	10/32	31M	32M
LH45	LR8	0/32	10/34	33M	34L
TAPERING OVOID					
LC52	LC1	0/30	10/30	29M	30M
LD55	LE2	0/30	10/30	29M	30M
OVOID					
LG62	LK1 - LR8	0/32	10/34	33M	34L
LG65	LO6	0/32	10/34	33M	34L
SQUARE TAPERING OVOID					
LE75	LN5	0/30	10/30	29L	30M

These articulations are only a guideline. Other combinations are possible, and may be optimal, for specific cases.

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 Vertrieb durch: / Distribuito da:

HENRY SCHEIN INC.

135 Duryea Road
 Melville, NY 11747 USA

IMAGE APN®

MOULD COMPARISON GUIDE

<i>Bioform®, Bioblend®, Portrait®</i>	<i>Image APN®</i>	<i>Dual Form V®</i>	<i>New Shade Plus®</i>	<i>V.F. Harmonique® Porcelain Teeth</i>
11H	LH11	L11	L11	24U
12 E	LE12	L12	L12	
12G	LG12			22U
13E	LE13			
21D	LD21			
21J	LJ21			
21X	LX21			21U
22C	LC22			
22E	LE22	L22	L22	8U
22G	LG22			
22H	LH22			
24F	LF24			
31F	LF31			
32E	LE32	L32	L32	
42D	LD42			
42F	LF42	L42	L42	13U
42G	LG42			20U
43D	LD43			3U
43F	LF43			
45H	LH45			
52C	LC52			
55D	LD55	L55	L55	5U
62G	LG62			
65G	LG65			
75E	LE75			18U

Bioform®, Bioblend® and Portrait® are registered trademarks of Dentsply International.

keystone[®]
I n d u s t r i e s

Diamond D[®] Denture Acrylic

The **Bold Impact** Your Dental Lab Needs.



Unparalleled
strength



Timely speed
of cure



Exceeds expectations
in patient comfort

Advanced natural-looking dentures require
artistry as well as technical expertise.

Diamond D[®] was specially formulated for exceptional
working and handling characteristics for anatomic sculpting.

This revolutionary resin has just the right translucency
and color variations found in natural tissue as well as ultra
impact and flexural strength. The demand for function and
aesthetics in dental fabrication is growing. Diamond D[®]
can help take your business to a new level.



 **ZAHN**[™]
A DIVISION OF HENRY SCHEIN[®]

1.800.496.9500
www.zahndental.com



We design and produce our molds ensuring an excellent reproduction of the morphology and anatomy of natural teeth. The strict control carried out in the manufacturer's laboratory ensures compliance with international quality standards.

Maxima® Four-Layer Acrylic Teeth

Manufactured in four layers, Maxima features a distribution of colors that enhances the natural aesthetics. Lower, cross, and normal articulations satisfy the needs of patients with retrognathism, prognathism, or normal occlusion.

Characteristics

- 4 chromatic layers
- European moulds in two European shade systems
- European Posterior Articulation
- MZ1 0° posterior
- Wear resistant
- Reduced reticulation at the tooth base for a secure union with the prosthetic material

References

- Ivoclar* Shades:
1A, 1C, 1D, 1E, 2A, 2B
- Vita** Shades:
A1, A2, A3, A3.5
B1, B2, B3
C1, C2, C3, D2
- BO Bleach Shade

*Ivoclar is a trademark of Ivoclar AG

**Vita is a trademark of VitaZahnfabrik GmbH



Four layered

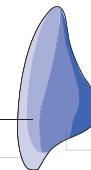


1° Gingival

1° Incisal

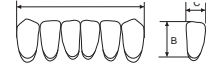
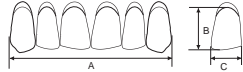
2° Incisal

2° Gingival



Four chromatic layers—the most natural teeth

4 Layer - Cross Linked - Acrylic Teeth - Characterized - Wear Resistant



MS1
A 41.3
B 8.4
C 8.0



MS2
A 45.0
B 8.8
C 8.4



MS3
A 43.0
B 9.8
C 8.3



MS4
A 46.5
B 10.8
C 8.8



MS5
A 52.0
B 13.0
C 9.8



MS15
A 49.1
B 10.8
C 8.96



MS16
A 50.7
B 12.6
C 9.4



MS66
A 46.1
B 10.4
C 8.7



MS69
A 49.6
B 11.5
C 9.5



MT1
A 42.8
B 9.6
C 7.9



MT2
A 43.2
B 10.5
C 8.4



MT3
A 48.5
B 10.8
C 9.0



MT4
A 44.1
B 9.9
C 7.8



MT25
A 47.1
B 10.7
C 8.72



MO1
A 44.6
B 9.5
C 8.3



MO2
A 41.8
B 9.0
C 7.6



MO3
A 46.4
B 9.6
C 8.6



MO37
A 48.1
B 11.7
C 9.2



ML1
A 30.8
B 7.9
C 4.4



ML2
A 34.8
B 8.5
C 5.2



ML3
A 34.6
B 9.4
C 5.0



ML4
A 38.0
B 9.6
C 5.7



ML5
A 36.5
B 12.2
C 5.7

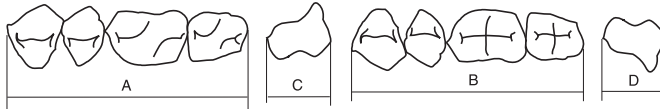


ML6
A 32.1
B 8.2
C 4.7

To order call: 1-800-496-9500

Four chromatic layers—the most natural teeth

4 Layer - Cross Linked - Acrylic Teeth - Characterized - Wear Resistant



MZ1

A	28.71
B	29.39
C	8.26
D	8.24

Characteristics

- 4 chromatic layers
- European moulds in two European shade systems
- European Posterior Articulation
- MZ1 0° posterior
- Wear resistant
- Reduced reticulation at the tooth base for a secure union with the prosthetic material

MP2

A	29.3
B	31.8
C	8.65
D	8.2

Maxima™ Shades

- Ivoclar® Shades: 1A, 1C, 1D, 1E, 2A, 2B
- Vita®** Shades: A1, A2, A3, A3.5, B1, B2, B3, C1, C2, C3, D2
- BO Bleach Shade

MP3

A	32.0
B	35.2
C	9.35
D	8.9

*Ivoclar is a trademark of Ivoclar AG

**Vita is a trademark of VitaZahnfabrik GmbH

MP4

A	31.6
B	34.6
C	8.6
D	8.6

MP5

A	34.5
B	37.2
C	9.95
D	9.1



Maxima™ acrylic teeth are manufactured in four layers and have a distribution of colors that ensures stability and naturalness of shades.

Acrylic teeth for Removable Prosthesis
Type I (anterior) and Type II (Posterior). ISO 22112

POSTERIOR



**33°
30M**
X 29.00
U 7.70
Y 31.50
L 7.70



**33°
32M**
X 31.00
U 7.60
Y 33.50
L 8.20



**33°
32L**
X 29.40
U 9.30
Y 32.70
L 9.50



**33°
34M**
X 32.50
U 8.80
Y 34.50
L 9.30



**33°
34L**
X 32.60
U 9.80
Y 32.50
L 10.00

DUAL FORM V®

The Best American Moulds in the Preferred European Shades

To order call: 1-800-496-9500

ANTERIOR



A	11.50
B	9.00
C	50.00
L11	
A	9.50
B	5.50
C	39.00
A	10.50
B	8.50
C	45.50
L12	
A	9.00
B	5.25
C	34.00
A	10.50
B	8.25
C	45.50
L22	
A	9.10
B	4.90
C	32.00
A	10.00
B	8.25
C	45.50
L32	
A	9.10
B	4.90
C	32.00
A	10.50
B	8.25
C	45.50
L42	
A	9.10
B	4.90
C	32.00
A	10.25
B	8.25
C	44.00
L55	
A	9.50
B	5.00
C	32.50
A	10.00
B	9.20
C	49.80
137	
A	10.80
B	5.80
C	38.50



A	9.50
B	7.80
C	42.00
2D	
A	9.20
B	5.00
C	32.00
A	9.30
B	8.00
C	44.00
3D	
A	8.80
B	5.00
C	34.00
A	10.30
B	7.50
C	42.00
2N	
A	9.00
B	5.00
C	33.00
A	11.30
B	8.50
C	47.00
2P	
A	9.80
B	5.50
C	36.00
A	9.00
B	7.00
C	38.50
3M	
A	8.20
B	5.00
C	31.50
A	10.00
B	8.00
C	45.00
3N	
A	9.50
B	5.00
C	34.00
A	10.50
B	8.50
C	48.00
3P	
A	10.00
B	6.00
C	38.00



A	8.20
B	8.00
C	39.80
A24	
A	8.80
B	5.00
C	34.00
A	9.50
B	8.50
C	46.00
A25	
A	9.50
B	5.50
C	34.00
A	9.80
B	9.00
C	47.00
A26	
A	8.50
B	5.50
C	35.50
A	10.80
B	8.00
C	45.00
264	
A	10.00
B	6.00
C	38.00
A	12.00
B	9.00
C	49.00
266	
A	11.50
B	5.50
C	38.00
A	12.40
B	9.50
C	51.00
267	
A	11.50
B	5.50
C	38.00
A	12.70
B	9.20
C	51.00
3R	
A	11.50
B	5.70
C	39.20

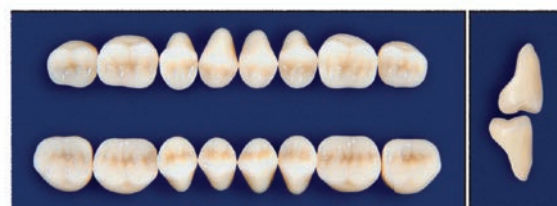
POSTERIORIORS



0°	
0/32	
X	31.20
U	9.30
Y	33.70
L	9.50



10°	
10/30	
X	29.27
U	7.55
Y	31.19
L	8.21



10°	
10/32	
X	31.60
U	8.80
Y	33.40
L	8.90



10°	
10/34	
X	33.35
U	9.03
Y	35.39
L	9.32



20°	
29M	
X	29.00
U	7.20
Y	32.00
L	7.80



20°	
29L	
X	29.00
U	8.20
Y	32.50
L	8.20

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DUAL FORM V®



20°
31S
X 30.00
U 8.20

Y 34.50
L 8.20



20°
31M
X 31.60
U 7.90

Y 32.50
L 8.50



20°
31L
X 30.90
U 8.70

Y 34.50
L 8.70



20°
33M
X 32.00
U 8.60

Y 35.50
L 8.70



20°
33L
X 33.50
U 9.30

Y 36.50
L 9.30

**Cross linked,
two-layer
resin teeth**

**Shades are
comparable to
classic shades,
A-D, plus two
white shades**

**Available in 42 of
the most popular
Bioform®/New Hue®
anterior moulds along
with 34 posterior
moulds**

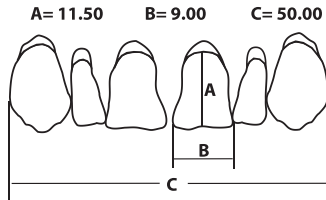
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for non-premium
dentures**

**ISO registered
manufacturer
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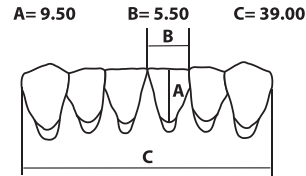
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Examples



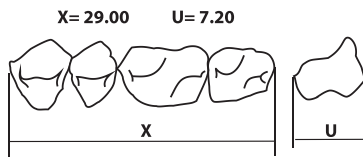
Mould L11

- A Length of central without collar (mm)
- B Width of central (mm)
- C Width of 6 anteriors on flat plane (mm)



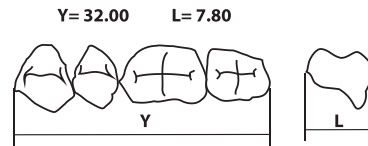
Mould L11

- A Length of Central without Collar (mm)
- B Width of Central (mm)
- C Width of 6 Anteriors on Flat plane (mm)



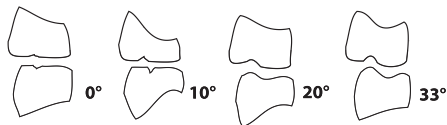
Mould 29M

- X The average width of a 1x4 set of upper posteriors
- U The average depth of the upper left first molar



Mould 29M

- Y The average width of a 1x4 set of lower posteriors
- L The average depth of the lower left first molar



POSTERIOR ANGLATION

Complies with ANSI/ADA Spec No. 15-2008 and ISO 221 12:2005.
Canadian Device License No. 61658

ARTICULATION CHART	ANTERIORS	0°	10°	20°	33°
	L11	0/32	10/34	33M	34M
L12	0/32	10/32	31M	32L	
L22	0/32	10/30	29L	30M	
L32	0/32	10/32	31M	30M	
L42	0/32	10/32	31M	32L	
L55	0/32	10/32	31M	30M	
137	0/32	10/34	33M	34M	
2D	0/32	10/32	29L	30M	
3D	0/32	10/32	31M	30M	
2N	0/32	10/30	29L	30M	
2P	0/32	10/32	31L	30M	
3M	0/32	10/30	29M	30M	
3N	0/32	10/32	31M	30M	
3P	0/32	10/34	33M	34M	
A24	0/32	10/30	29M	30M	
A25	0/32	10/32	31M	30M	
A26	0/32	10/32	31M	30M	
264	0/32	10/32	31L	30M	
266	0/32	10/34	33L	34L	
267	0/32	10/34	33L	34L	
3R	0/32	10/34	33L	34L	



Available Shades

A00 - A0 - A1 - A2 - A3 - A3.5 - A4 - B1 - B2 - B3 - B4 - C1 - C2 - C3 - C4 - D2 - D3 - D4

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DUAL FORM V®

UPPER - LOWER ANTERIORS

	A	B	C		L22	10.50	8.25	44.50		A	B	C		3D	9.30	8.00	44.00				
							9.10	4.90		32.00								8.80	5.00	34.00	
						2P	11.30	8.50		47.00							4H	9.40	8.20	44.30	
							9.80	5.50		36.00								9.30	5.50	37.50	
						266	12.00	9.00		49.00							2D	9.50	7.80	42.00	
							11.50	5.50		38.00								9.20	5.00	32.00	
						267	12.40	9.50		51.00								L32	10.00	8.25	45.50
							11.50	5.50		38.00								9.10	4.90	32.00	
						3R	12.70	9.20		51.00											
							11.50	5.70		39.20											

Cross linked acrylic teeth
NEW SHADE PLUS

Articulation

ANTERIORS	0°	10°2	0°	30°
3M	29Z	32F	29M	30M
137	31Z	33F	33M	34M
L55	29Z	32F	29L	30M
2N	29Z	32F	29L	30M
L42	31Z	32F	31L	32L

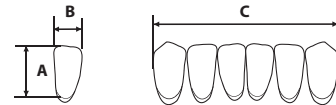
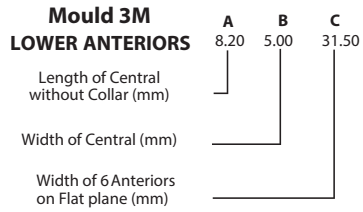
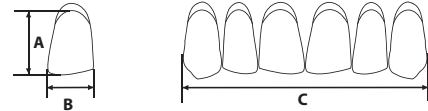
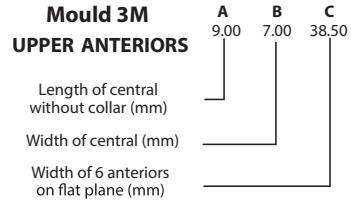
ANTERIORS	0°	10°2	0°	30°
3P	31Z	33F	33M	34M
L22	31Z	32F	29L	30M
2P	31Z	33F	31L	30M
266	31Z	33F	33M	34L
267	31Z	33F	33L	34L

ANTERIORS	0°	10°2	0°	30°
3R	31Z	33F	33L	34L
3D	31Z	33F	31M	30M
4H	31Z	32F	31M	32M
2D	29Z	32F	29L	30M

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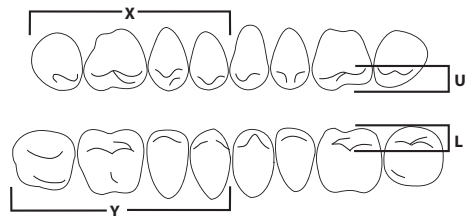
POSTERIORIORS

	30M 33° X 29.00 U 7.70 Y 31.50 L 7.70	
	32M 33° X 31.00 U 7.60 Y 33.50 L 8.20	
	32L 33° X 29.40 U 9.30 Y 32.70 L 9.50	
	34M 33° X 32.50 U 8.80 Y 34.50 L 9.30	
	34L 33° X 32.60 U 9.80 Y 32.50 L 10.00	

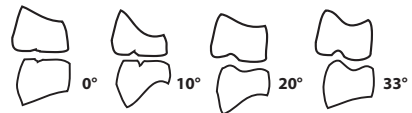


The average width of a 1x4 set of upper posteriors = X
the lower posteriors = Y

The average depth of the upper left first molar = U
the lower left first molar = L



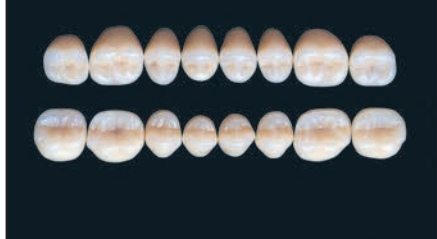











POSTERIOR ANGULATIONS



SHADES: 55 - 59 - 62 - 65 - 66 - 67 - 69 - 77 - 81

POSTERIOR

	<p>29Z 0° X 27.30 U 6.50 Y 28.80 L 7.00</p>		<p>31Z 0° X 29.50 U 7.20 Y 31.00 L 8.40</p>
	<p>32F 10° X 31.00 U 8.50 Y 32.50 L 8.90</p>		<p>33F 10° X 32.00 U 9.10 Y 34.50 L 9.40</p>
	<p>29S 20° X 29.00 U 7.50 Y 31.50 L 8.20</p>		<p>29M 20° X 29.00 U 7.20 Y 32.00 L 7.80</p>
	<p>29L 20° X 29.00 U 8.20 Y 32.50 L 8.20</p>		<p>31S 20° X 30.00 U 8.20 Y 34.50 L 8.20</p>
	<p>31M 20° X 31.00 U 7.90 Y 32.50 L 8.50</p>		<p>31L 20° X 30.90 U 9.70 Y 34.50 L 8.70</p>
	<p>33M 20° X 32.00 U 8.60 Y 35.50 L 8.70</p>		<p>33L 20° X 33.50 U 9.30 Y 36.50 L 9.30</p>

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NEW SHADE PLUS

	A	B	C		A	B	C		
	3N	10.00	8.00	45.00		A24	8.20	8.00	39.80
	136	9.50	5.00	34.00		A25	8.80	5.00	34.00
	L12	10.20	9.00	48.40		A26	9.50	8.50	46.00
	L11	9.30	5.50	37.50		264	9.50	5.50	34.00
	1H	10.50	8.50	45.50			9.80	9.00	47.00
		9.00	5.25	34.00			8.50	5.50	
		11.50	9.00	50.00			10.80	8.00	45.00
		9.50	5.50	39.00			10.00	6.00	38.00
		12.00	8.50	48.00					
		10.80	5.80	38.50					

Articulation

ANTERIORS	0°	10°	20°	30°	ANTERIORS	0°	10°	20°	30°
L32	31Z	32F	31M	30M	1H	31Z	33F	33L	34L
3N	31Z	32F	31M	30M	A24	29Z	32F	29M	30M
136	31Z	32F	31M	34M	A25	31Z	33F	31M	30M
L12	31Z	32F	31L	32L	A26	31Z	33F	31M	30M
L11	31Z	32F	33L	34L	264	31Z	33F	31L	30M



UPPER - LOWER ANTERIORS

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BRAND PRODUCTS

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Cross linked acrylic teeth
NEW SHADE PLUS

	A	B	C
3M	9.00	7.00	38.50
	8.20	5.00	31.50
137	10.00	9.20	49.80
	10.80	5.80	38.50
L55	10.25	8.25	44.00
	9.50	5.00	32.50
2N	10.30	7.50	42.00
	9.00	5.00	33.00
L42	10.50	8.25	45.50
	9.10	4.90	32.00
3P	10.50	8.50	48.00
	10.00	6.00	38.00



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- Clinically unbreakable
- Easy to finish and polish
- Repairable and rebasable
- No stain or color change
- High translucency
- Quick and easy chairside adjustments

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- Exceptional memory

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Use Karadent™

- Semi-rigid microcrystalline polymer
- Ideal for full dentures, clear clasps & frameworks, partial dentures
- As simple as acrylic to finish and polish
- No shrinkage - exceptional fit
- Minimal water absorption
- Easy to repair, rebase, and relines with acrylic

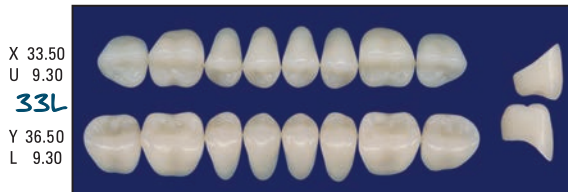
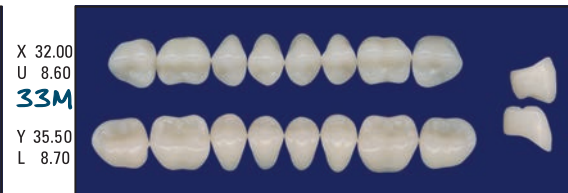
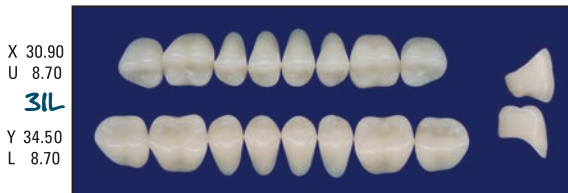
IMPORTANT: TCS resins are available in different diameter/type cartridges to fit different injection units on the market. Verify injection/furnace unit model for correct diameter/type cartridge.



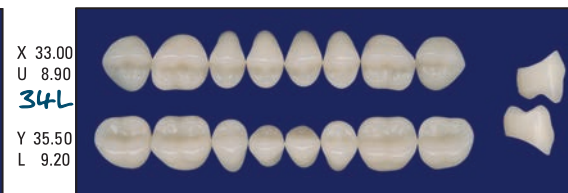
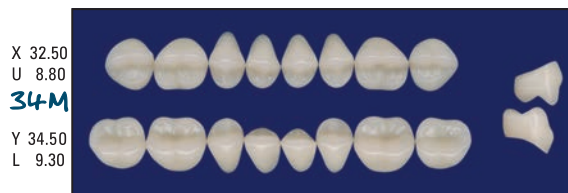
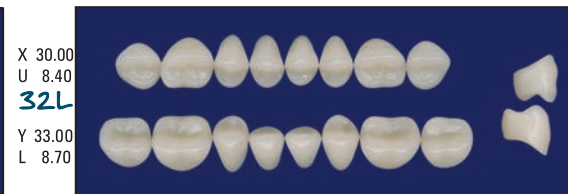
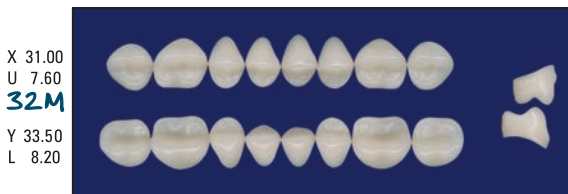
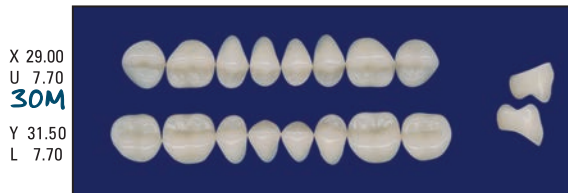
**Cross linked
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Most popular shades and moulds
Two chromatic layers
Characterized

Upper-lower Posteriors




























20°



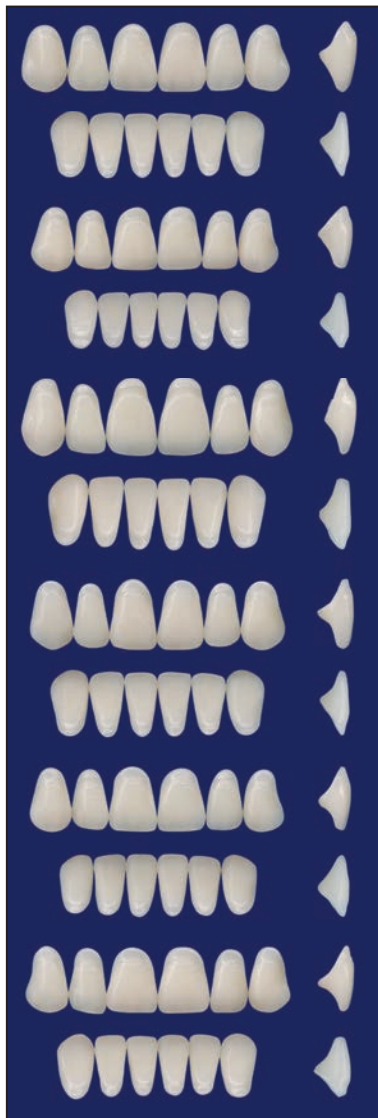
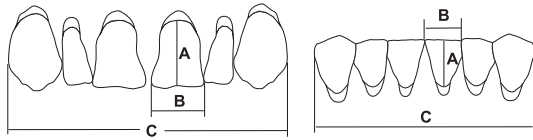
33°



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	A	B	C
			
	9.00	7.00	38.50
3M			
	8.20	5.00	31.50
2N			
	9.80	8.30	44.50
IN			
	9.30	5.00	34.00
2P			
	10.30	7.50	42.00
22D			
	9.00	5.00	33.00
263			
	11.30	8.50	47.00
135			
	9.80	5.50	36.00
266			
	10.00	8.80	47.50
267			
	10.00	6.00	38.00
22D			
	10.00	7.50	41.00
24D			
	9.00	5.00	33.00
42D			
	12.00	9.00	49.00
IID			
	11.50	5.50	38.00
266			
	12.40	9.50	51.00
267			
	11.50	5.50	38.00
22D			
	11.50	9.00	50.00
24D			
	11.50	5.50	38.00
54D			
	10.50	8.30	44.50
22D			
	9.80	5.50	36.00
24D			
	12.00	8.30	43.50
42D			
	9.80	5.50	36.00
54D			
	10.50	8.30	45.50
266			
	9.30	5.50	37.50
267			
	11.50	8.50	45.00
24D			
	10.80	5.80	38.50
54D			

Upper-lower Anteriors



A B C

10.50	8.50	48.00
3P		
10.00	6.00	38.00
9.50	8.00	43.50
A24		
8.80	5.00	34.00
11.50	9.00	47.50
62D		
10.80	5.80	38.50
10.80	8.00	45.00
264		
10.00	6.00	38.00
9.50	8.50	46.00
A25		
9.50	5.00	34.00
9.80	9.00	47.00
A26		
10.00	6.00	38.00



A B C



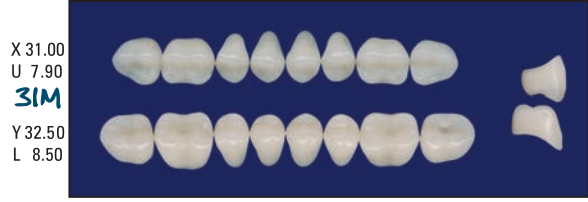
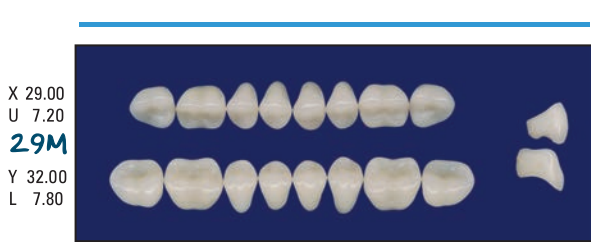
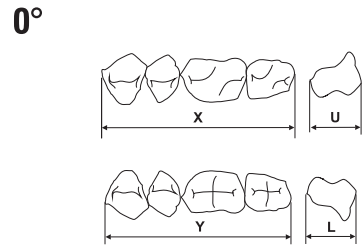
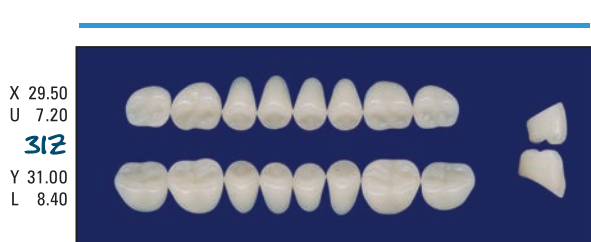
9.50	7.80	42.00
2D		
9.20	5.00	32.00
9.30	8.00	44.00
3D		
8.80	5.00	34.00
10.00	8.00	45.00
3N		
9.50	5.00	34.00
12.00	8.50	48.00
1H		
10.80	5.80	38.50
10.30	8.80	48.00
4H		
9.30	5.50	37.50
10.2	9.0	48.4
136		
9.3	5.5	37.5
10.0	9.2	49.8
137		
10.8	5.8	38.5

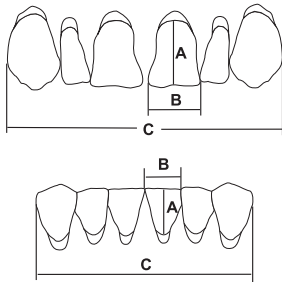
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Acrylic teeth**
Most popular shades and moulds
Two chromatic layers
Characterized

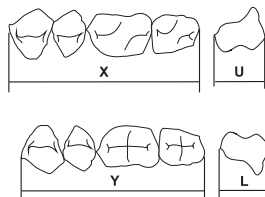
Upper-lower Posteriors





Mould 2N

	Upper anteriors	Lower anteriors
Length of central without collar (mm)	A 10.30	A 9.00
Width of central (mm)	B 7.50	B 5.00
Width of 6 anteriors on flat plane (mm)	C 42.00	C 33.00



Mould 3IS

The average width of a 1x4 set of upper posteriors=X. The lower posteriors=Y

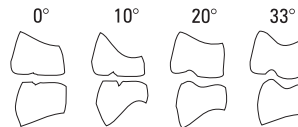
The average depth of the upper left first molar=U. The lower left first molar=L

	Upper posteriors	Lower posteriors
The average width of a 1x4 set of upper posteriors=X. The lower posteriors=Y	X 30.00	Y 34.50
The average depth of the upper left first molar=U. The lower left first molar=L	U 8.20	L 8.20

Articulation

Anteriors	Posteriors			
	0°	10°	20°	33°
3M			29M	30M
1N	31Z	32F	31M	30L
2N			29L	30L
2P	31Z	33F	31L	30L
135	31Z	33F	33M	32M
263		32F	29L	30M
266			33M	34L
267			33L	34L
11D			33L	34L
22D		32F	29L	30L
24D	31Z	32F	31L	30L
42D	31Z	32F	31L	32L
54D	31Z	32F	31L	32L
3P		33F	33M	34M
A24			29M	30M
62D			33L	32L
264	31Z		31L	30M
A25	31Z	33F	31M	30M
A26	31Z	33F	31M	30M
2D		32F	29L	30L
3D	31Z	33F	31M	30M
3N	31Z	32F	31M	30L
1H		33F	33L	34L
4H		33F	33M	32M
136		33F	33M	34M
137		33F	33M	34M

Posterior angulation



The variety of moulds and shades of Z-Dent acrylic teeth manufactured in two layers provides the solution for most prosthetic cases.

References

- 26 Anterior moulds.
- 16 Posterior moulds.
- 8 Original shades 59, 62, 65, 66, 67, 69, 77, 81
- 11 Vita* shades A1, A2, A3, A3.5, B1, B2, B3, C1, C2, C3, D2.
- 1 Bleach shade B0

*Vita is a trademark of Vita Zahnfabrik GmbH.

Characteristics

- 2 Chromatic layers.
- Posteriors of 0°, 10°, 20° and 33°.
- Cross Linked.
- Characterized.

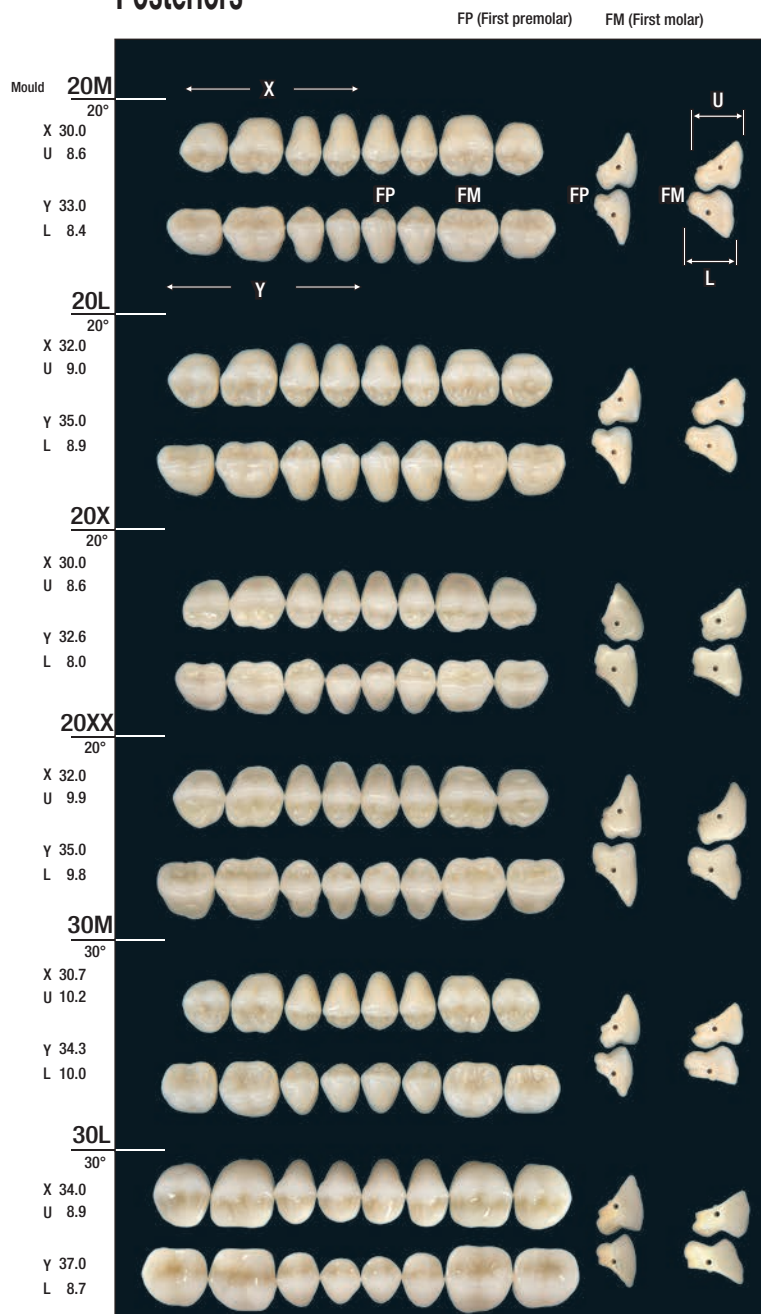
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Gillingham ME8 0SB U.K

Posteriors



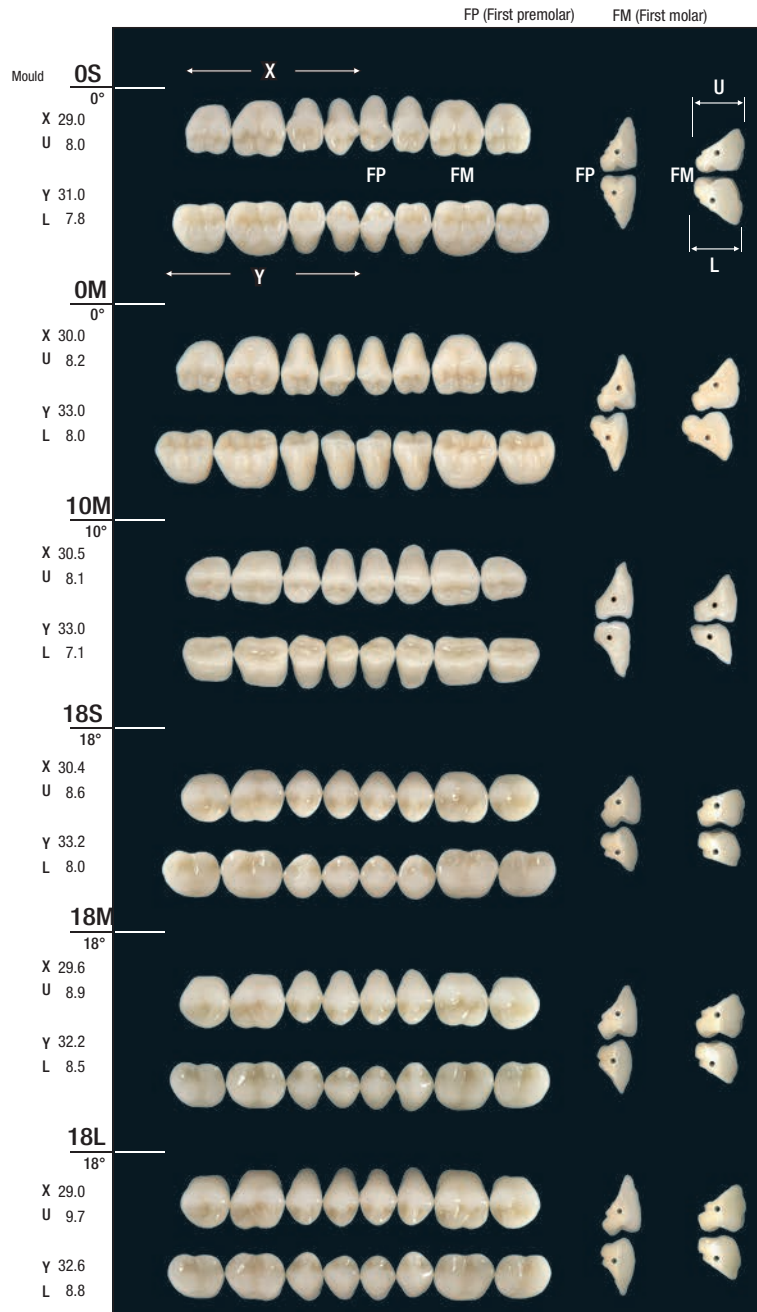
* All measurements are in millimeters (mm)

V.F. Harmonique™ Porcelain Teeth offer a polychromatic blending with a natural vitality that only porcelain teeth can provide. Available in the most popular Vita® shades and three outstanding bleached shades, V.F. Harmonique™ offers an American mould and European shade combination that makes it ideal for the most discerning practitioner and patient.

V.F. Harmonique™ Teeth are manufactured under the strictest quality control guidelines for strength, function and esthetics, and are easily processed using standard porcelain tooth processing techniques.

V.F. Harmonique™ Porcelain Teeth are reasonably priced, assuring that many patients can enjoy a beautiful, natural and radiant smile.

Posteriors



* All measurements are in millimeters (mm)

Anteriors

Mould **21U**

A 10.8
B 8.5
C 45.4



Mould **22U**

A 10.3
B 8.7
C 46.9



Mould **23U**

A 10.0
B 8.8
C 49.0



Mould **24U**

A 11.7
B 9.1
C 49.9



Mould **25U**

A 11.6
B 8.8
C 48.6



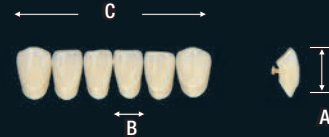
Mould **26U**

A 10.2
B 8.7
C 48.2



Mould **AL**

A 7.3
B 5.2
C 33.5



Mould **BL**

A 8.2
B 5.4
C 36.5



Mould **CL**

A 9.0
B 4.9
C 33.7



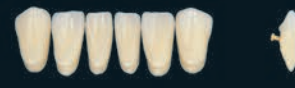
Mould **DL**

A 7.7
B 5.0
C 33.0



Mould **EL**

A 10.0
B 4.8
C 34.0



Mould **GL**

A 9.1
B 5.2
C 34.8



Mould **IL**

A 9.1
B 5.4
C 37.4



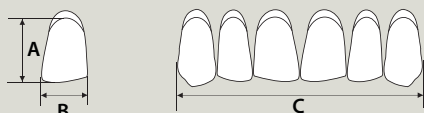
Mould **KL**

A 10.0
B 5.9
C 38.5



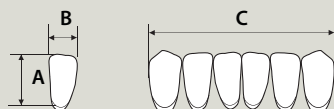
Mould 1U UPPER ANTERIORS

- A** Length of central without collar (mm) _____ 9.7
- B** Width of central (mm) _____ 7.4
- C** Width of 6 anteriors on flat plane (mm) _____ 41.3



Mould AL LOWER ANTERIORS

- A** Length of central without collar (mm) _____ 7.3
- B** Width of central (mm) _____ 5.2
- C** Width of 6 anteriors on flat plane (mm) _____ 33.5



The average width of a 1x4 set of upper posteriors =X
the lower posteriors=Y.

The average depth of the upper left first molar =U
the lower left first molar =L



POSTERIOR ANGULATIONS



SHADES: A000 - A00 - A0 - A1 - A2 - A3 - B1 - B2

Mould comparison chart

VF Harmonique™	Image APN®	Bioform®	Universal
Upper Anterior			
Mould	1U	21C	
	2U		39
	3U	LD43	43D
	4U		S45C
	5U	LD55	55D
	6U		S42C
	7U		M42C
	8U	LE22	22E
	9U		44
	10U		45
	11U		M45C
	12U		210
	13U	LF42	42F
	18U	LE75	75E
	19U		54F
	20U	LG42	42G
	21U	LX21	21X
	22U	LG12	12G
	23U		M48F
	24U	LH11	11H
	25U		74H
	26U		M48C

*N.B.-This chart is for comparison purposes only and is not exact. Please check mould charts/guides for exact specifications. Bioform® is not a registered trademark of Lincoln Dental Supply. Bioform es una marca registrada de Dentsply International.

Articulation Chart VF Harmonique™

Upper Anterior	Lower Anterior	Posterior
Mould	1U	CL 20X
	2U	CL 18M, 20M
	3U	AL 20X
	4U	BL 20L
	5U	CL 20X
	6U	DL 20M
	7U	DL 20M
	8U	EL 20M, 20L
	9U	CL 18M, 20L
	10U	EL 18M, 20L
	11U	GL 20L
	12U	EL 18M
	13U	EL 20M, 20L
	18U	GL 20M, 20L
	19U	GL 20M, 20L
	20U	GL 20L, 0M
	21U	GL, IL 20XX
	22U	IL 20XX
	23U	KL 20XX, 10M
	24U	IL, KL 20XX
	25U	KL 20XX, 10M
	26U	KL 20XX

V.F. Harmonique™ porcelain teeth are manufactured under the strictest quality control guidelines for strength, function and esthetics. Complies with ANSI/ADA Spec No 69-1991 and ISO 22112:2005. Canadian Device License No. 80653.

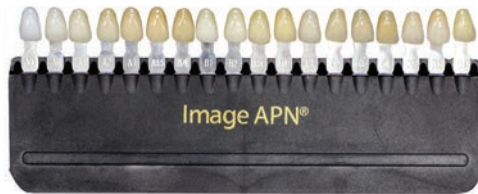
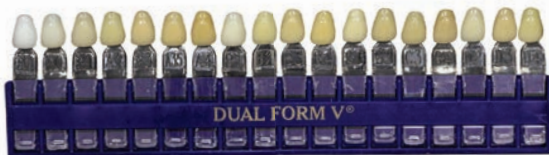


IMAGE APN PREMIUM SHADE (121-8434)

- Available in 35 anterior moulds and 32 posterior moulds
- 16 shades, A-D and two modern white shades



IMAGE APN STANDARD SHADE GUIDE (121-8333)



DUAL FORM SHADE GUIDE (121-8435)

- 16 Classic shades, A-D and 2 modern white shades



NEW SHADE + SHADE GUIDE (121-8436)

- Available in New Hue® shade 59-81, including white shade



V.F. HARMONIQUE™ SHADE GUIDE (135-4838)

- Vita* Classic Shades: A1, A2, A3, B1, B2
- White Shade A000, A00, A0



MAXIMA SHADE GUIDE (900-4381)

- Ivoclar** shades: 1A, 1C, 1D, 1E, 2A, 2B
- Vita Shades*: A1, A2, A3, A3.5, B1, B2, B3, C1, C2, C3, D2
- BO Bleach Shade



Z-DENT SHADE GUIDE (228-2204)

- 8 Original shades 59, 62, 65, 66, 67, 69, 77 & 81
- 11 Vita* shades A1, A2, A3, A3.5, B1, B2, B3, C1, C2, C3, D2
- 1 Bleach Shade B0



Z-DENT VITA SHADE GUIDE (228-6453)

* Vita is a trademark of Vita Zahnfabrik GmbH
**Ivoclar is a trademark of Ivoclar AG

Gibraltar® Die Stone

Ultrafine gypsum material with smooth mixing characteristics. Prevents nicks and abrasions caused by brittleness. Set time: 12–15 minutes.

Carton.....25 Lb.
 Specify:
 Blue (900-4025) Violet (900-4027) Green (900-4026)
 Carton.....50 Lb.
 Specify:
 Green (900-4021) White (900-4024) Blue (900-4020)
 Tan (900-4022) Violet (900-4023)



Gibraltar® Plaster

General-purpose white plaster. Smooth mixing. Designed for articulating and flasking procedures. Set time: 19–21 minutes.

(900-4036).....25 Lb.
 Carton.....50 Lb.
 Specify:
 Regular Set (900-4037) Slow Set (900-4038) Fast Set (900-4035)



Gibraltar® Lab Stone

Versatile, all-purpose lab stone. Great for general-purpose lab applications such as creating models for full/partial dentures and denture flasking procedures, as well as for basing crown & bridge models. Set time: 11–14 minutes.

Carton–Buff
 (900-4031).....25 Lb.
 Carton.....50 Lb.
 Specify:
 Buff (900-4029) White (900-4030) Blue (900-4028)



Gibraltar® XL Die Stone

Versatile die stone that can be used for any laboratory technique. Virtually eliminates normal chipping and abrasion. Set time: 10–13 minutes.

Carton.....50 Lb.
 Specify:
 Blue (900-4046) Green (900-4047) Ivory (900-4048)



Base Plate Wax

A tough, easy-working wax made of the finest waxes available. Quality guaranteed.

- Rich in natural wax: greater accuracy and stability
- Tough or soft consistency: easier to work with
- Sets up hard, but is not brittle: polishes better and looks better

Pink–Regular (101-7694)5 Lb.
 Pink–Extra Tough (101-7760)5 Lb.
 Medium (100-0696).....5 Lb.
 Tough (100-4421).....5 Lb.
 Pink–Extra Tough (101-7760)5 Lb.
 Yellow (101-7831)5 Lb.
 #2 Pink–All-Season (335-3200)5 Lb.



Set-Up Wax

(335-9215).....5 Lb.

Wax Bite Rims

Pink–Hard (101-4232)100 per Box



Z-Dupe Duplication Silicon

Universal duplicating material. For all kinds of duplications. Nonshrinking duplication silicon cures in only 20 minutes.

1 Kg. (102-6526).....2 per Pkg.
 Duplication Flask–Clear (102-7906).....Ea.



Custom Tray Material

Light-cure tray material supplied in economical prefabricated sheets to eliminate mixing and mess. Good working time and quick cure time. Excellent malleability, adaptation to model, and easy trimming characteristics reduce error and effort. Odorless. Uniform thickness with low shrinkage and exceptional strength.

Trays–2mm.....50 per Box
 Specify:
 Pink (102-7977) Blue (102-4955)
 Baseplate–1.4mm (102-8184).....50 per Box



RELY ON US FOR QUALITY, SELECTION, PERFORMANCE, AND VALUE!



Classic®

Mould Chart – Ultra Value Denture Teeth

For dental professionals and laboratories

THE DENTAL
SOLUTIONS
COMPANY™

 Dentsply
Sirona



Classic[®] Denture Teeth

Everyone deserves the best denture they can afford. So, even for patients on a tight budget, a great looking denture is still possible. Classic Ultra Value denture teeth offer natural-like aesthetics, a wide selection of moulds and the most popular shades.



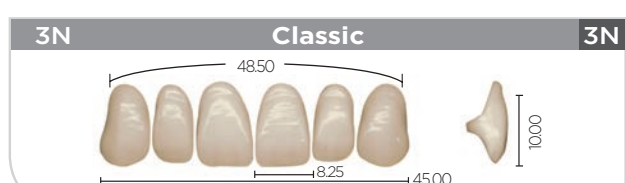
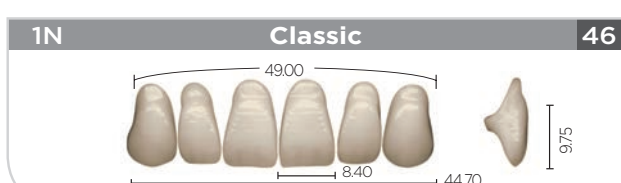
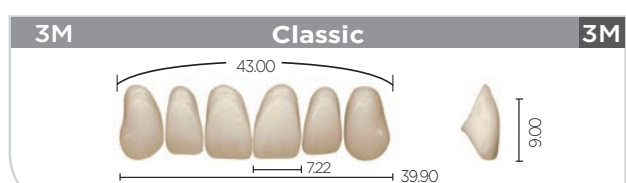
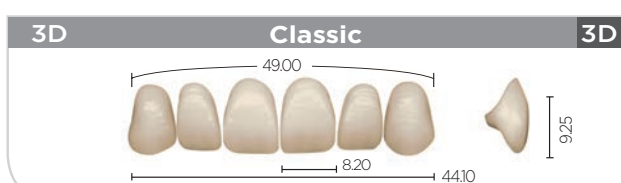
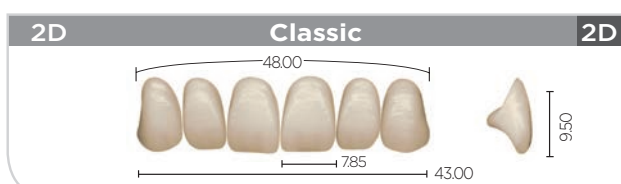
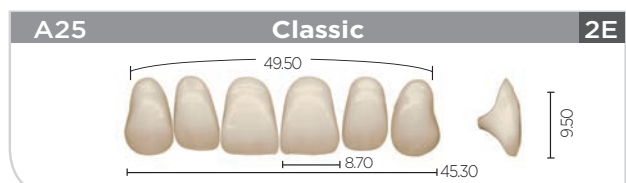
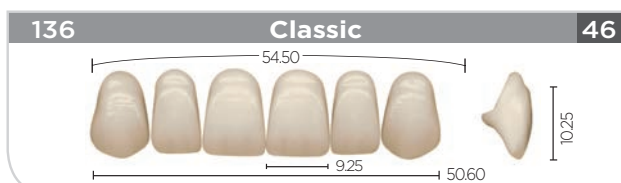
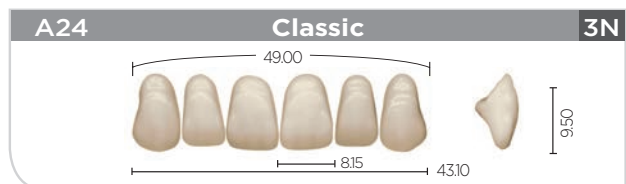
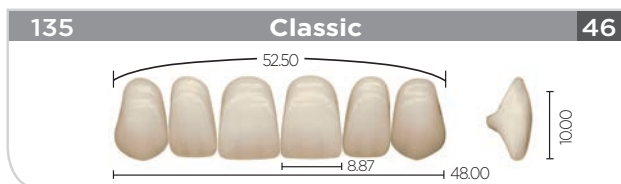
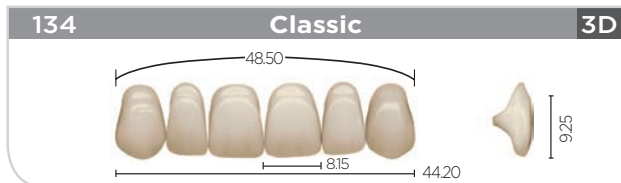
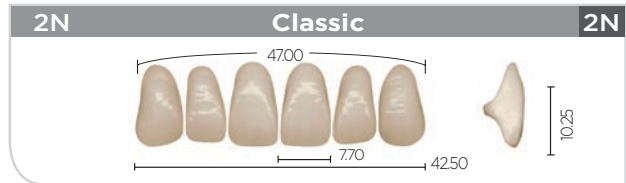
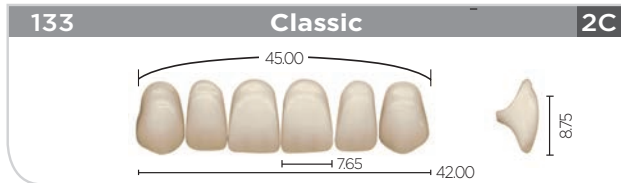
Classic® Anteriors Upper

Available in 24 shades and 1 bleach shade.

All dimensions in mm.
Images scaled to size.

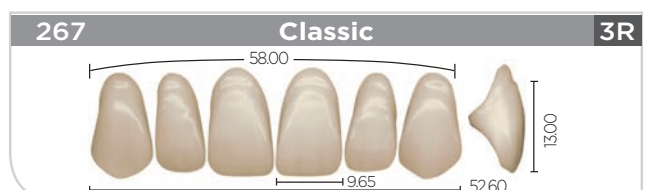
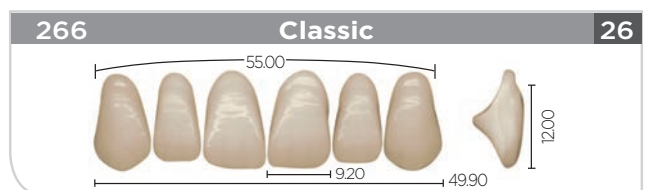
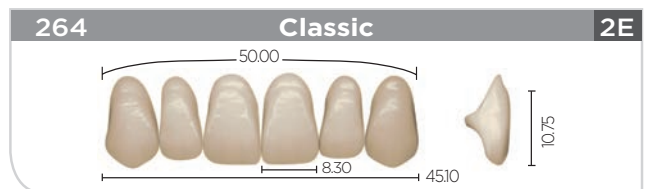
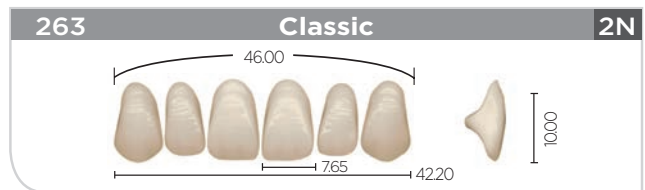
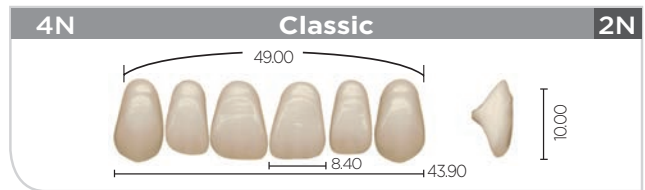
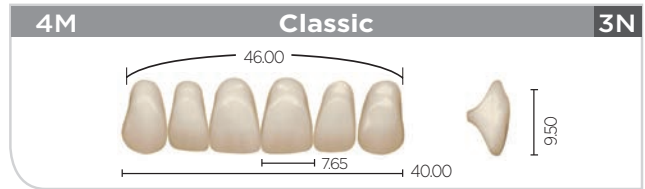
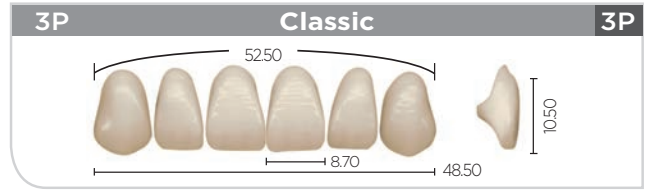
Mould No.
(Lower
Articulation)

Mould No.
(Lower
Articulation)





Mould No.
(Lower
Articulation)



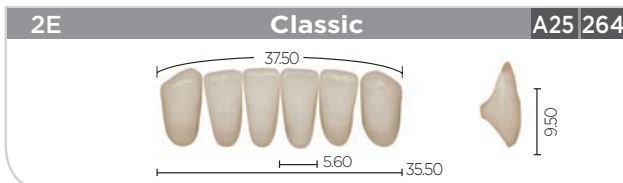
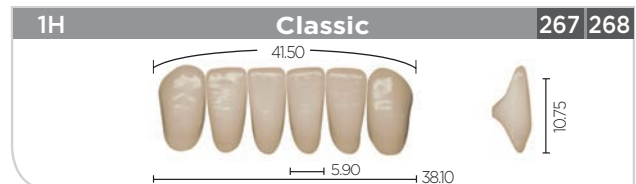
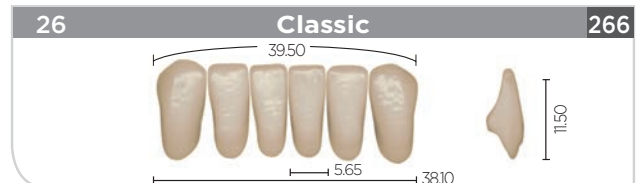
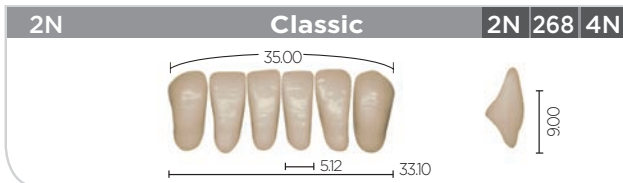
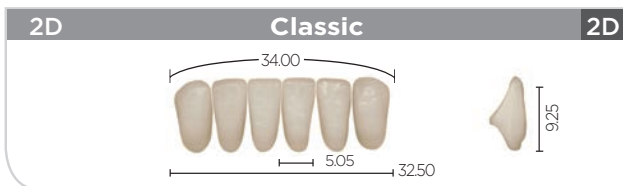
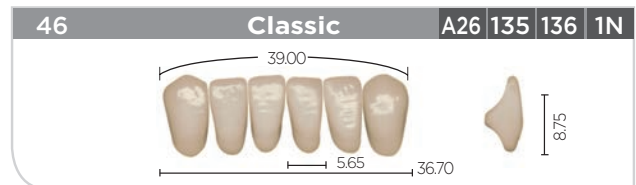
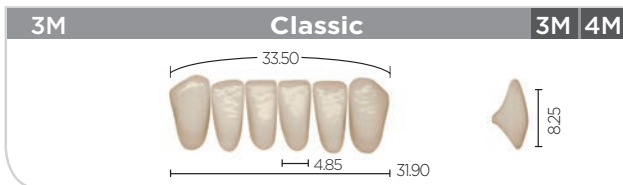
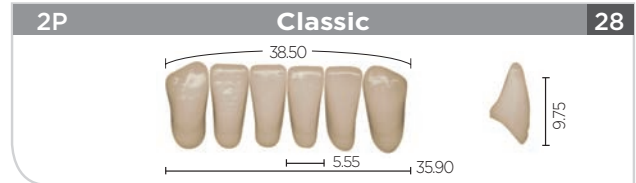
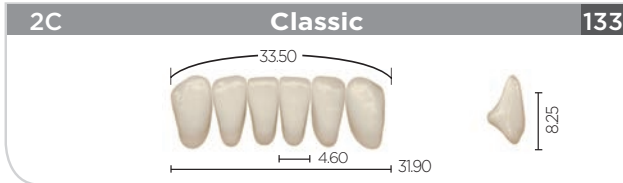
Classic® Anteriors Lower

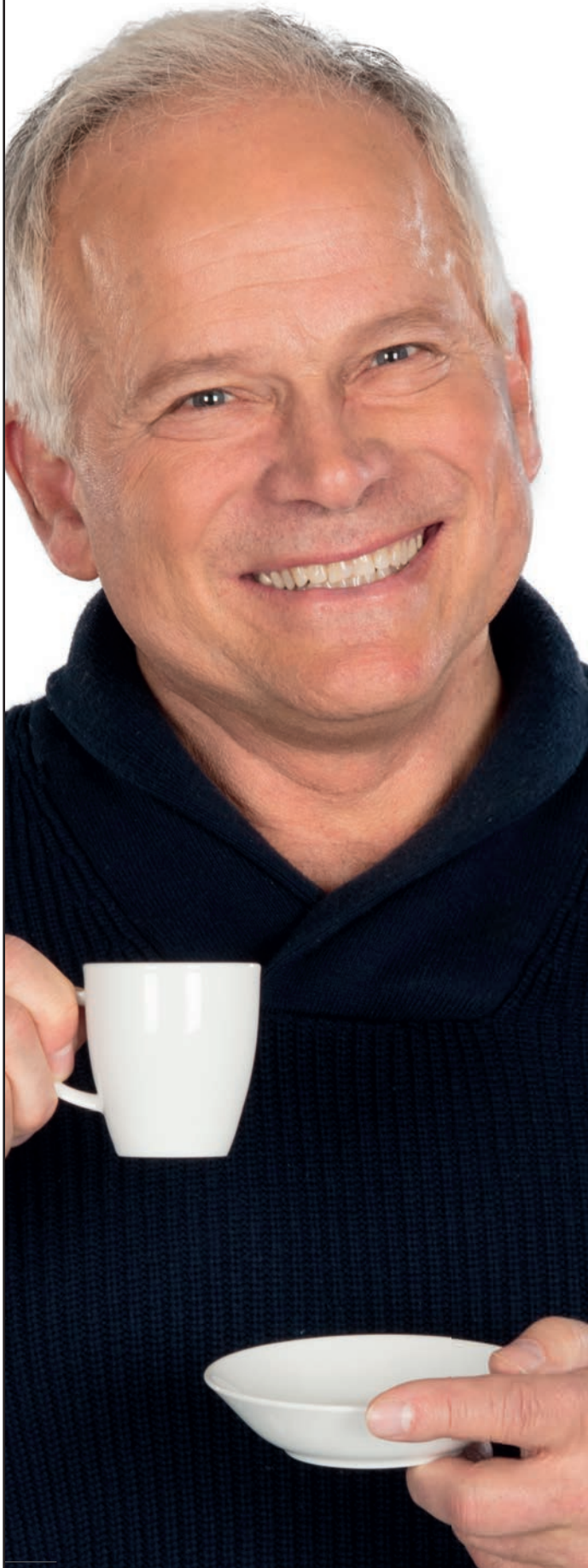
Available in 24 shades and 1 bleach shade.

All dimensions in mm.
Images scaled to size.

Mould No.
(Upper
Articulation)

Mould No.
(Upper
Articulation)

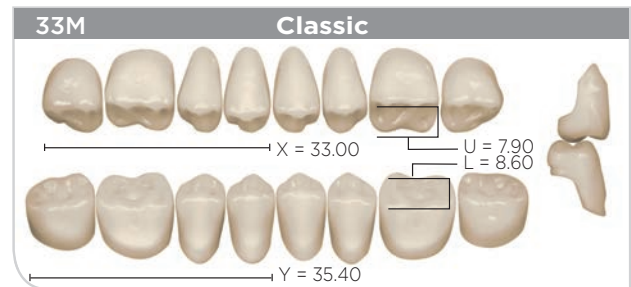
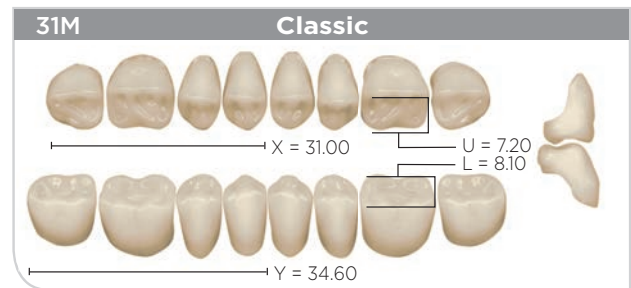
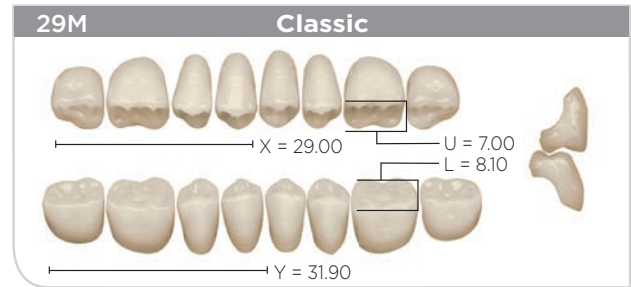




Classic® Posterior Teeth

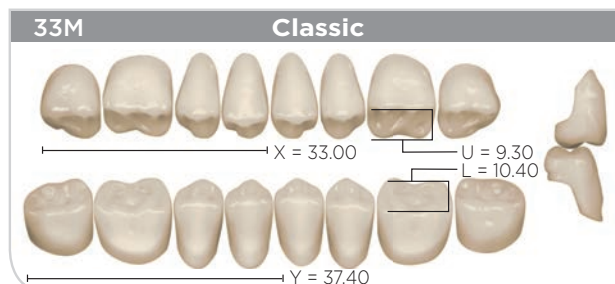
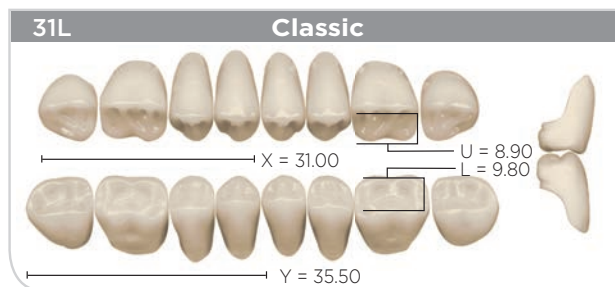
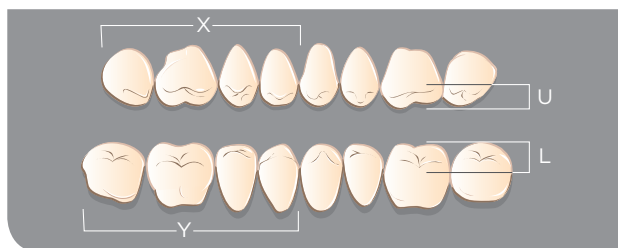
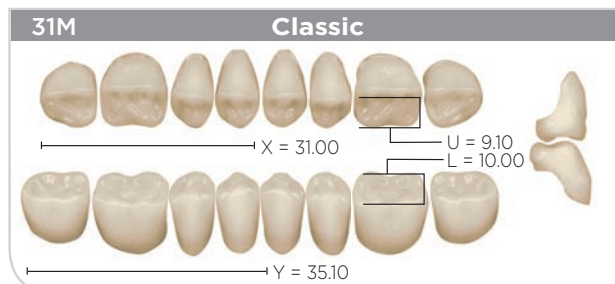
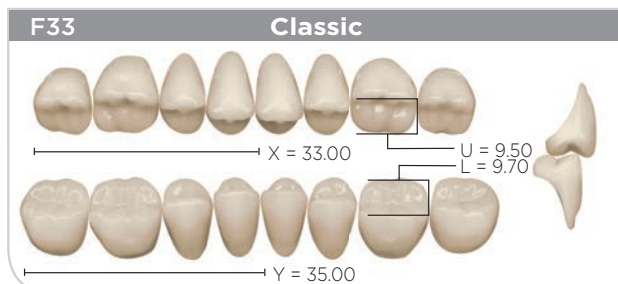
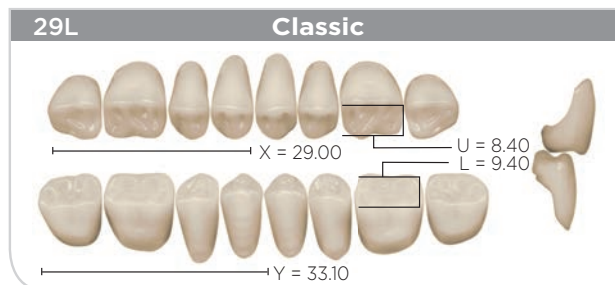
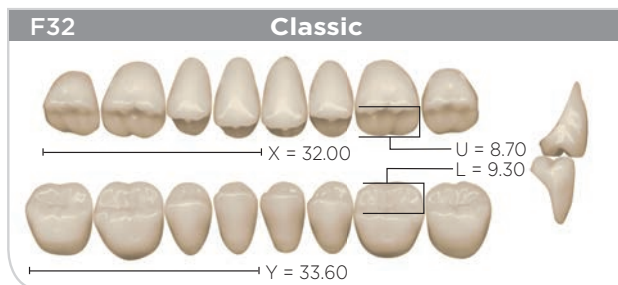
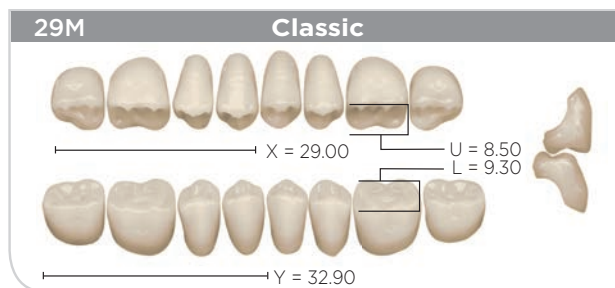
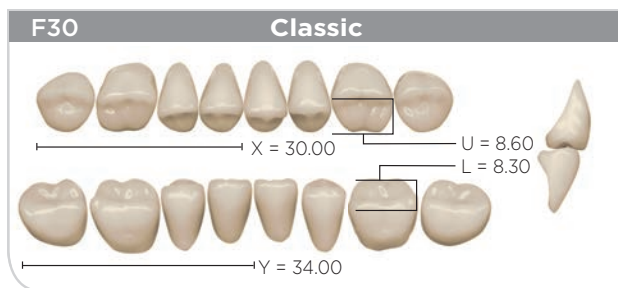
Available in 24 shades and 1 bleach shade.

Classic 0° Posteriors



Classic 10° Posteriors

Classic 20° Posteriors

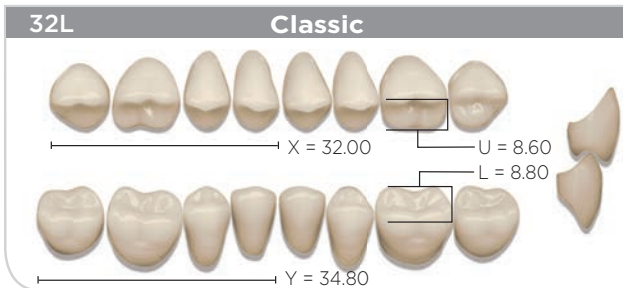
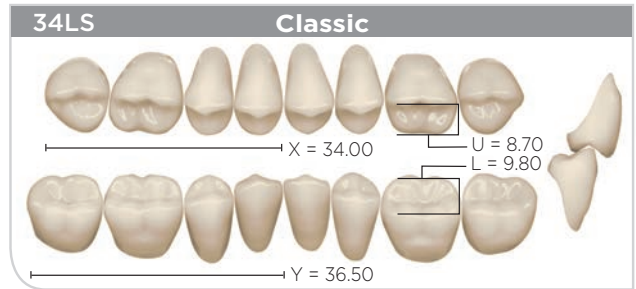
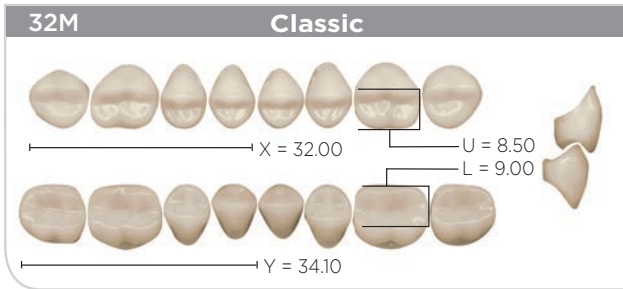
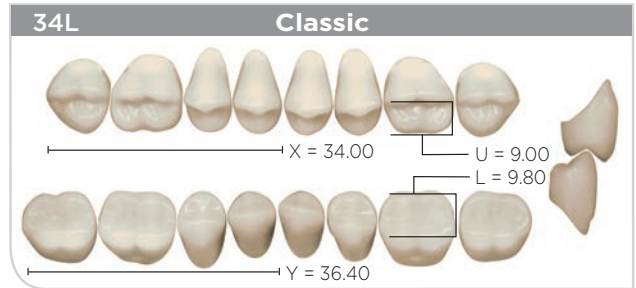
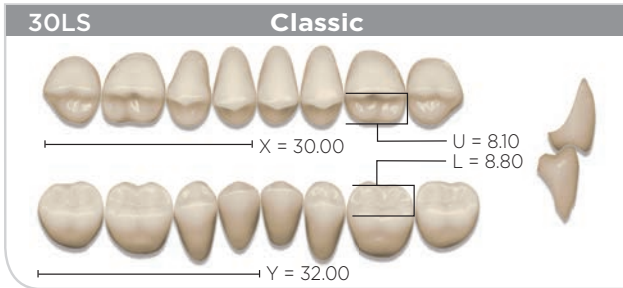
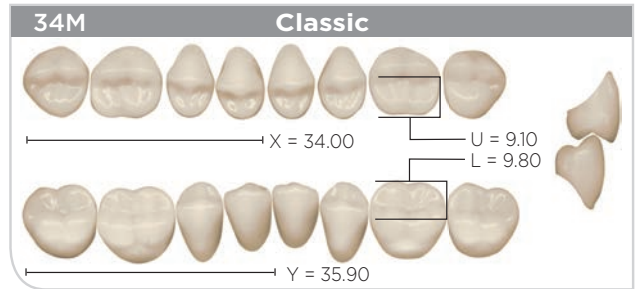
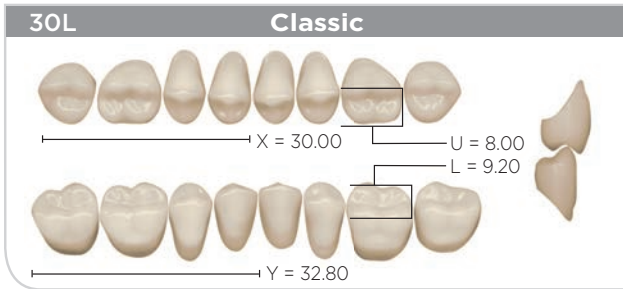
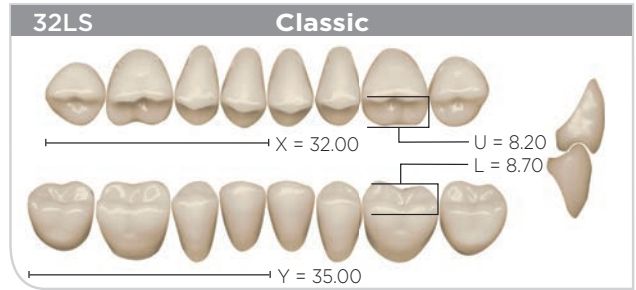
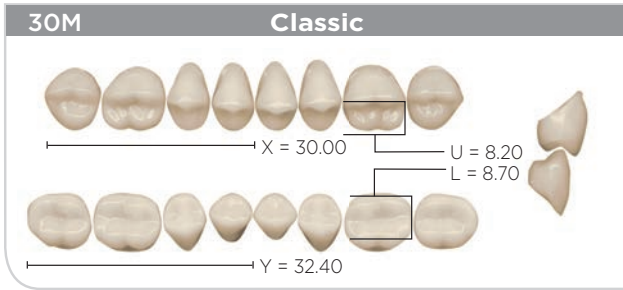


X = The average width of a 1x4 set of upper posteriors
Y = The average width of a 1x4 set of lower posteriors
U = The average depth of the upper left first molar
L = The average depth of the lower left first molar

ISO 22112: 2017. Processing instructions available upon request.

Classic 33° Posteriors

All dimensions in mm.
Images scaled to size.

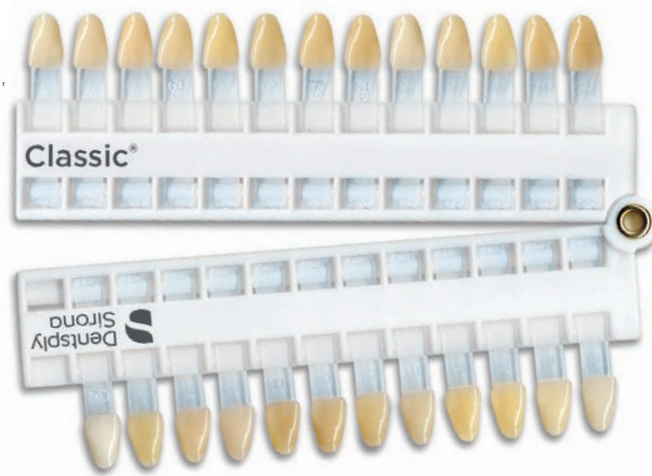


LS indicates Long Buccal-Short Lingual moulds.

Classic® Anterior and Posterior Shades*:

24 shades and 1 bleach shade

A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4, 59C, 62C, 65C, 66C, 67C, 69C, 77C, 81C, CW2.
REF 905600



The A1-D4 designations correspond to the VITA classical A1-D4 shade guide which is meant to be a guide, not a match. VITA classical A1-D4 is a registered trademark of VITA Zahnfabrik H. Rauter GmbH & Co.KG

Denture Base

Lucitone® HIPA High Impact Pour Acrylic



Lucitone HIPA is a high impact pourable acrylic denture base. It exceeds the ISO standards for impact resistance. Lucitone HIPA is a self-curing denture base material designed for use in fabrication, repair, rebasing, or relining of full and partial dentures including implant overdentures or other dental appliances. It is available in shades: Original, Light, Light Reddish Pink, Dark Pink, and Original Opaque.

Lucitone® FRS® Flexible Dental Resin

Lucitone FRS Flexible Denture Resin is a temporary thermoplastic injectable resin that offers customizable flexibility, high impact resistance and transparency, delivering aesthetic removable partial dentures and clear or colored clasps.



- Semi-crystalline nylon composition for improved color stability and stain resistance. Provides aesthetics.
- Easy to finish and polish due to the microcrystalline structure. Saves time.
- Monomer - and metal-free. Non-irritating.
- Available in original, light pink, light reddish pink, dark pink and clear shades. Aesthetic shade options.
- Clear shade for fabrication of clear clasps, occlusal splints, and night guards. Offers greater versatility.
- Available in three (3) cartridge sizes: small, medium and large. Adapts to laboratory needs.

Combination Table

Select upper anterior mould form, and use table to determine recommended lower anterior and posterior options.

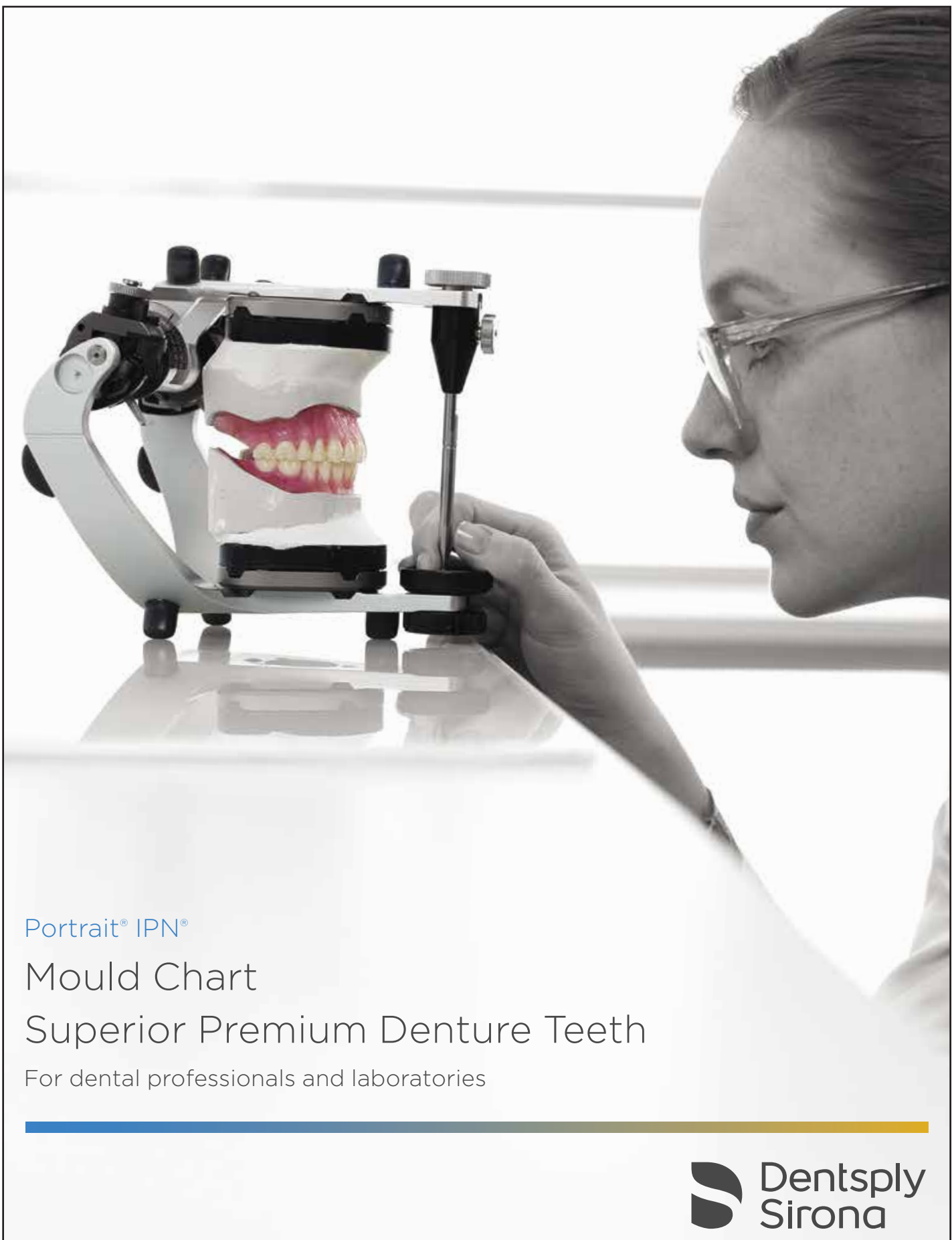
Classic® Anteriors		Classic® Posteriors			
Upper Mould No.	Articulates with Lower Mould	Combines with 33° Posterior Mould	Combines with 20° Posterior Mould	Combines with 10° Posterior Mould	Combines with 0° Posterior Mould
133	2C	30M	29M	F30	29M
134	3D	30M	31M	F33	31M
135	46	32M	33M	F33	33M
136	46	34M	33M	F33	33M
2D	2D	30L	29L	F32	29M
3D	3D	30M	31M	F33	31M
1N	46	30L	31M	F32	31M
2N	2N	30L	29L	F30	29M
2P	2P	30L	31L	F33	31M
A24	3N	30M	29M	F30	29M
A25	2E	30M	31M	F33	31M
A26	46	30M	31M	F33	31M
3M	3M	30M	29M	F30	29M
3N	3N	30L	31M	F32	31M
3P	3P	34M	33M	F33	33M
4M	3M	30M	29M	F30	29M
4N	2N	30L	31M	F30	31M
263	2N	30M	29L	F32	29M
264	2E	30M	31L	F33	31M
266	26	34L	33M	F33	33M
267	3R	34L	33M	F33	33M
268	3R	34L	31L	F33	33M

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THE DENTAL
SOLUTIONS
COMPANY™





Portrait® IPN®

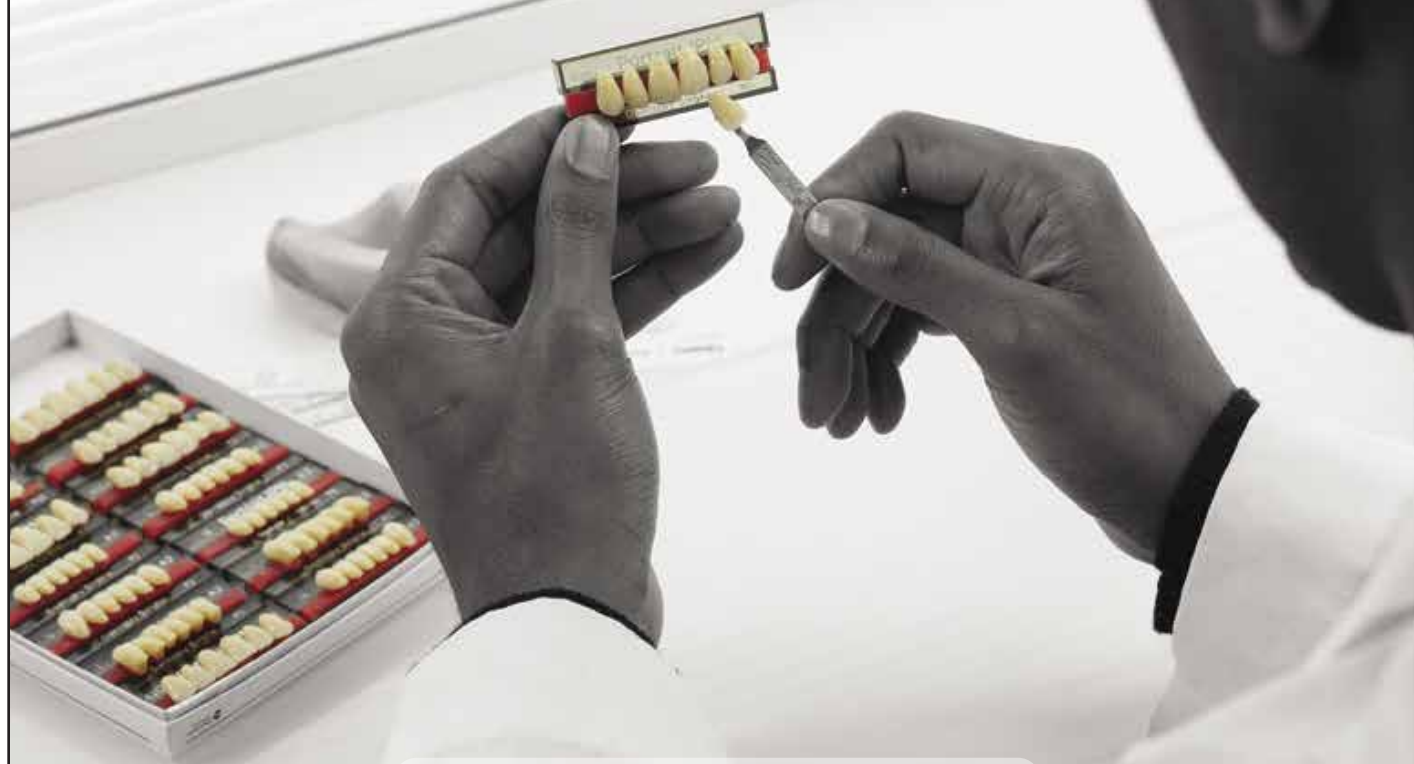
Mould Chart

Superior Premium Denture Teeth

For dental professionals and laboratories



Build Pride With Portrait® IPN® Denture Teeth



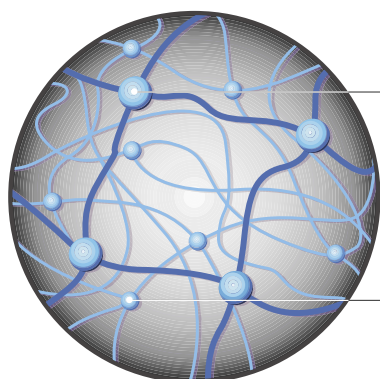
Portrait IPN teeth deliver unique shade blending and youthful aesthetics. Each anterior tooth provides three shaded layers of IPN material creating five, distinct aesthetic zones with natural translucency and well-defined mamelons.



Over three decades of IPN® material performance

Unrivalled performance since 1981, unmatched tooth variety and selection, and unparalleled protection of the industry's broadest tooth warranty – those are just a few of the reasons why countless dental professionals trust Portrait IPN teeth to satisfy their patients.

IPN Structure



Cross-linking of primary chains

Cross-linking of secondary chains

Homogenous three-dimensional structure and cross-linking of primary and secondary molecular chains

IPN Characteristics

Inter-penetrating polymer network. Highly cross-linked copolymers, free from inorganic fillers, give this material its superior properties:

- **For full, partial, and implant supported dentures**
- **Excellent abrasion resistance**
- **Excellent colour stability**
- **Maximum bond strength**

The result: high-quality, long-lasting denture teeth.

Shade System

Portrait IPN teeth are available in all 16 A-D* shade designations, the most popular “Base 8” Bioform shades as well as three bleach shades.



* The A1-D4 designations correspond to the VITA classical A1-D4® shade guide which is meant to be a guide, not a match. VITA classical A1-D4 is a registered trademark of VITA Zahnfabrik H. Rauter GmbH & Co.

The ATS Mould Classification System

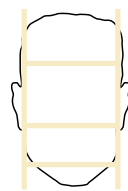
Anatoform Trubyte® System (ATS)

A legacy from which to learn, the Anatoform and Trubyte Systems revolutionized prosthetic dentistry over 100 years ago. In 1913, the Dentists Supply Company of New York, known today as Dentsply Sirona, brought together the two leading pioneers of prosthetic dentistry, Dr. Leon Williams and Dr. Alfred Gysi. Dr. Williams discovered and developed the harmony between facial forms and anterior teeth. Dr. Gysi pioneered posterior tooth forms and denture occlusion in harmony with the temporomandibular joint. The collaboration of Dr. Williams and Dr. Gysi resulted in the creation of the Anatoform technique in Europe and the Trubyte technique in America. The system developed by these pioneers continues to influence prosthetic dentistry through Dentsply Sirona's Anatoform Trubyte System (ATS).

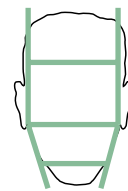
From the foundational work of Dr. Williams and Dr. Gysi, Dentsply Sirona continues to build upon the harmonious anatomical tooth designs and time-tested functional performance of the ATS. Dentsply Sirona is developing new materials and new technologies that are leading prosthetic dentistry to better, faster, safer solutions for technicians, clinicians, and patients.

This mould chart will guide you through the selection of the ideal anatomical tooth for your patient, based upon the ATS philosophy. The harmony of anatomical form and function is provided in this mould chart through seven anterior tooth facial forms, and six functional occlusal angle families.

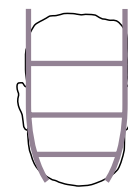
7 Basic Facial Forms:



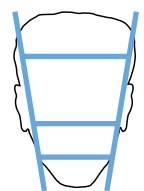
Square



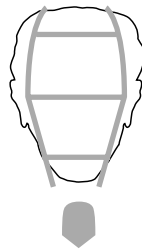
Square Tapering



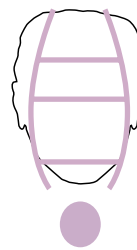
Square Ovoid



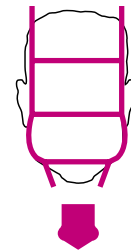
Tapering



Tapering Ovoid



Ovoid



Square Tapering Ovoid



Poor Ridge

Flat Plane



Non-Anatomical



Average Ridge

Modified Cusp



Semi-Anatomical



Good Ridge

Deep Cusp



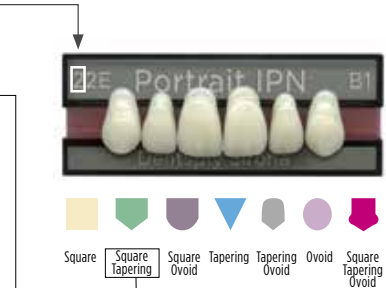
Anatomical

Steps to identify and select anterior moulds

1. First number: Classification

Select the number from 1 to 7 that best represents the patient. The number selected is the first character of the mould identification number, located in the upper left corner of the tooth card.

1. Square
2. Square Tapering
3. Square Ovoid
4. Tapering
5. Tapering Ovoid
6. Ovoid
7. Square Tapering Ovoid

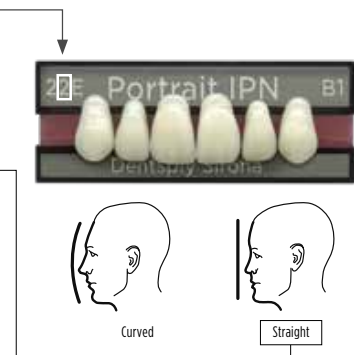


2. Second number: Proportion & Contour

Select the number from 1 to 6 that represents both the proportion of the tooth (long, medium or short) as well as the facial contour (straight or curved).

The number selected is the second character of the mould identification number.

- | Proportion of the Tooth | Facial Contour |
|-------------------------|----------------|
| 1. Long | Straight |
| 2. Medium | Straight |
| 3. Short | Straight |
| 4. Long | Curved |
| 5. Medium | Curved |
| 6. Short | Curved |

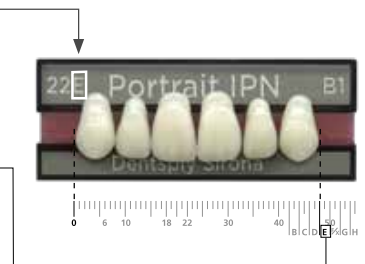


3. Letter: Width of Upper Six Anterior Teeth on Curve

Using a flexible millimeter ruler, measure the width of the upper six anterior teeth on the curve, from distal to distal. The measurement will fall into one of the ranges identified with the letters B through J.

The letter selected is the third character of the mould identification number.

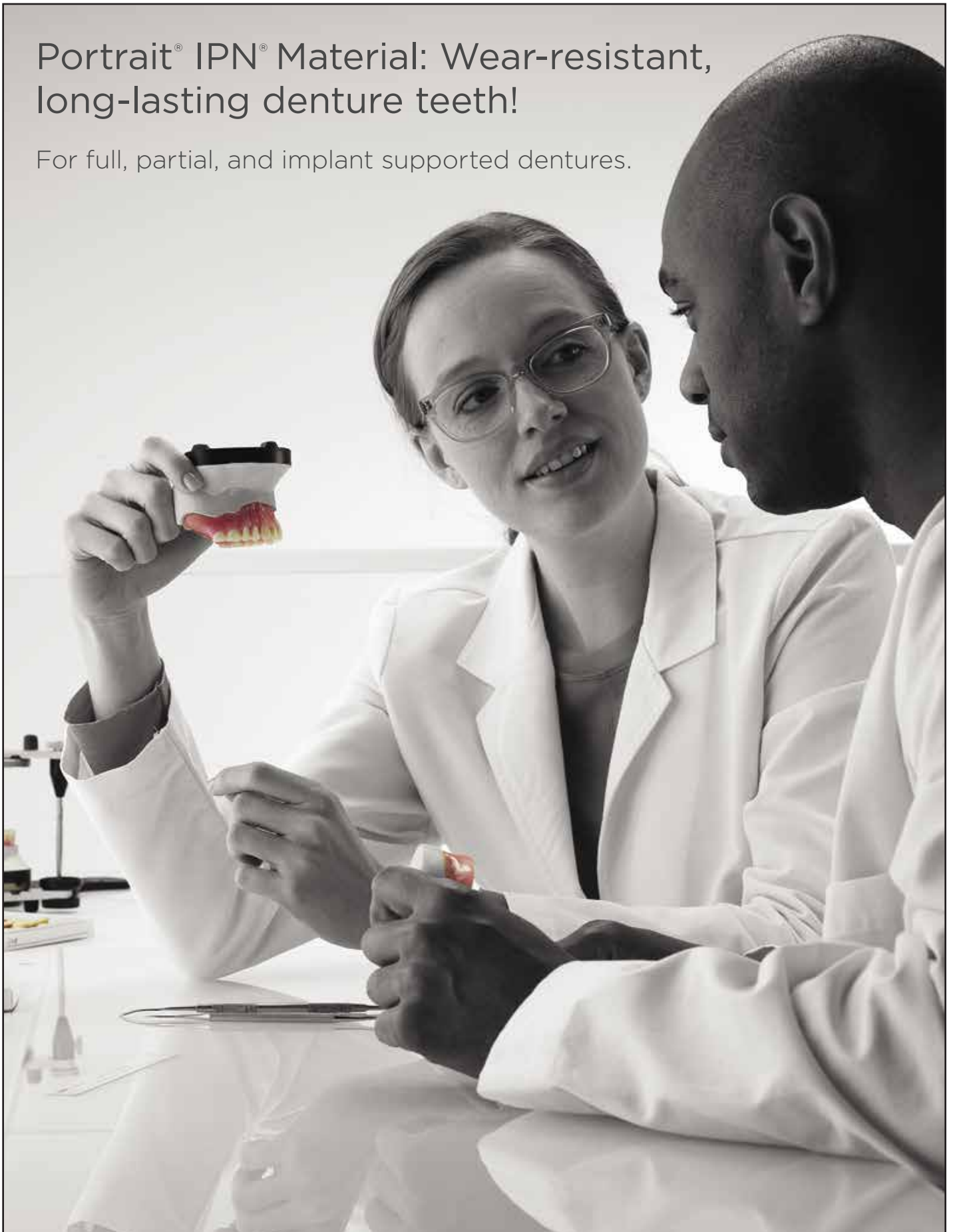
- B. less than 44.00 mm
- C. 44.00 to 45.50 mm
- D. 45.50 to 48.00 mm
- E. 48.00 to 49.00 mm
- F/x. 49.00 to 51.50 mm
- G. 51.50 to 54.00 mm
- H. 54.00 to 56.00 mm
- J. 56.00 mm or greater



Some moulds may vary from this standard. Please consult mould chart dimensions.

Portrait® IPN® Material: Wear-resistant, long-lasting denture teeth!

For full, partial, and implant supported dentures.



Portrait® IPN® Mould/Shade Availability Table

Moulds

Shades

Portrait IPN Anteriors

Portrait IPN 40°, 33°, 22°, 20°, 10°, 0°
Posteriors

All 27 shades of the Portrait IPN Shade Guide:

P1, P2, P3, P3.5, P4, P11, P12, P13, P14, P21, P22, P23, P24, P32, P33, P34, P59, P62, P65, P66, P67, P69, P77, P81, PW2, PW4, PW7

Quick Reference Guide for Shade and Mould Popularity

Shades and Moulds are listed in order of preference. See Bioform IPN Anterior Mould/Shade Availability on pages 57–63.

Portrait® IPN® Shade Popularity

P2/A2, P3/A3, P1/A1, P62, P3.5/A3.5, P11/B1, P21/C1, P22/C2, P12/B2

Portrait IPN Anterior Mould Preference		Portrait IPN Posterior Mould Preference Per Category	
Maxillary		Portrait IPN® 0°	632, 630
Small Moulds:	21D, 42D, 55D	Portrait IPN® 10°	332, 330, 334, 336
Medium Moulds:	12E, 22E, 42F, 32E, 13E, 43F	Portrait IPN® 20°	31M, 29M, 33M, 31L
Large Moulds:	11H, 45H, 12G, 21X, 21J, 62G	Portrait IPN® 22° BioStabil	532
Mandibular		Portrait IPN® 33°	32M, 34M, 30M, 32L
Small Moulds:	F, C, E	Portrait IPN® 40° EuroLine	732
Medium Moulds:	N, H, P, M		
Large Moulds:	S, R, K1, O		

Tables

The following chart provides a simple reference between several brands of anterior teeth and VITA® shades. Shade matching is best done with a color corrected fluorescent light having a Color Rendering Index above 90 or in natural daylight. This type of light source was used in our developmental research. For a variety of technical reasons, such as viewing and illuminating conditions, the perception of the shade match may vary. Due to distinctive blend and shade characteristics of each brand of teeth, exact comparisons are not possible.

IPN® Shade Conversion Table

Shade Correlation

Shade Match			Shade Correlation	
PORTRAIT® IPN®	VITA 3D-MASTER®	VITA classical®	BIOFORM® IPN®†	BIOBLEND® IPN®†
P1	1M1	A1	B51	
P2	3R1.5	A2	B53	104
P3	3M2	A3	B54	108
P3.5	3R2.5	A3.5	B83	116
P4	4R1.5	A4	B84	118
P11	2M1	B1	B59	100
P12	2M2	B2	B52	
P13	2M3	B3	B55	
P14	4L2.5	B4	B56	100
P21	2R1.5	C1	B91	102
P22	3L1.5, 4M1	C2	B94	
P23	4L1.5, 4M2	C3	B95	
P24	5M1, 5M2	C4	B96	
P32	3M1	D2	B92	
P33		D3	B93	
P34		D4	B69	113
P59	1M2		B59	100
P62	2L1.5		B62	102
P65			B65	106
P66	2L2.5, 2R2.5		B66	112
P67			B67	109
P69	2M3		B69	113
P77	3L2.5		B77	
P81			B81	114
PW2*	4M3, 5M3			
PW4*	0M2, 0M3			
PW7*	0M1			

* Portrait bleach shades PW2, PW4 and PW7 correlate to Illuminè® i-2, i-4 and i-7 respectively.

The A1-D4 designations correspond to the VITA classical A1-D4® shade guide which is meant to be a guide, not a match. VITA, VITA classical A1-D4, and 3D Master are registered trademarks of VITA Zahnfabrik H. Rauter GmbH & Co.

†As of December 2020, these brands will no longer be available for purchase.

Portrait® IPN®

Available in 24 shades and 3 bleach shades

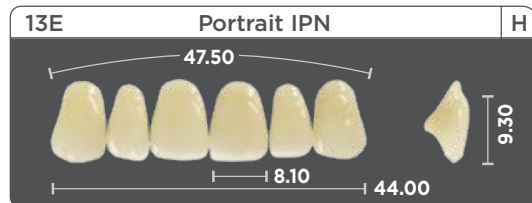
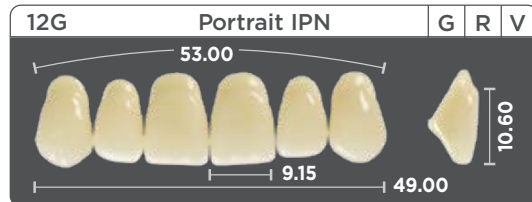
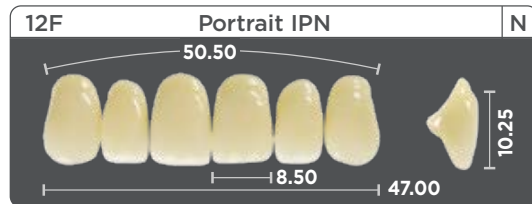
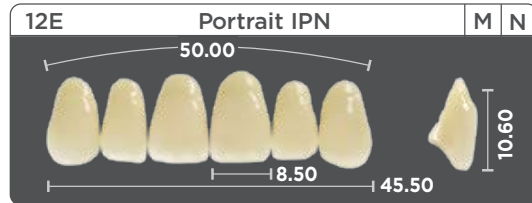
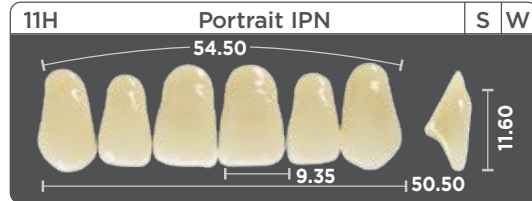
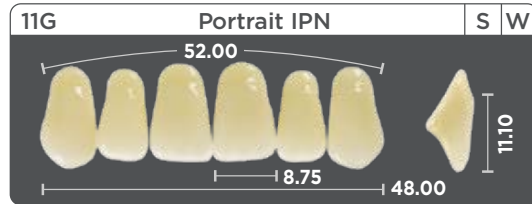
Anteriors Maxillary

All dimensions in mm. Images scaled to size.

ARTICULATION	
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	Curve / Straight 45.50 / 42.00

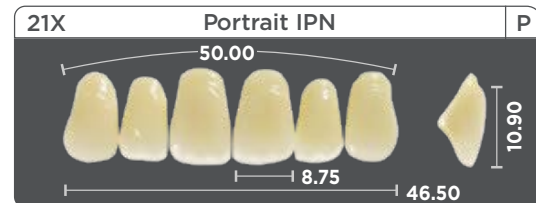
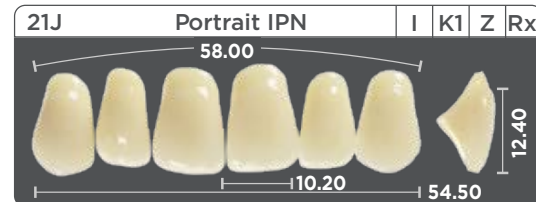
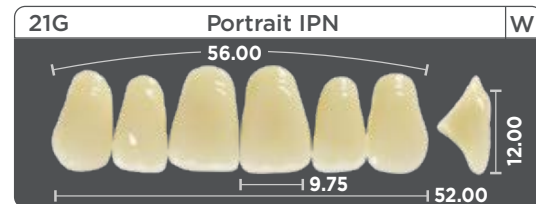
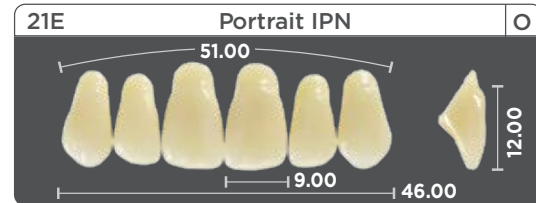
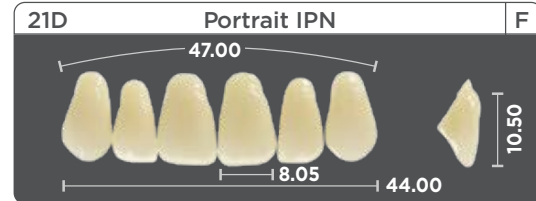
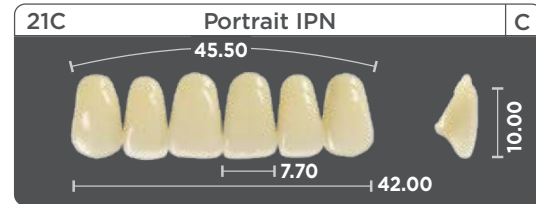
Square

Mould No.
(Lower Articulation)



Square Tapering

Mould No.
(Lower Articulation)



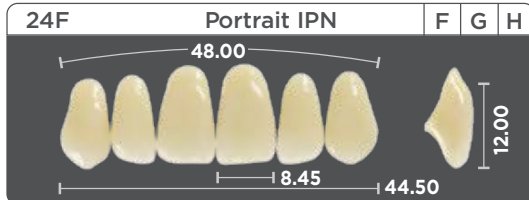
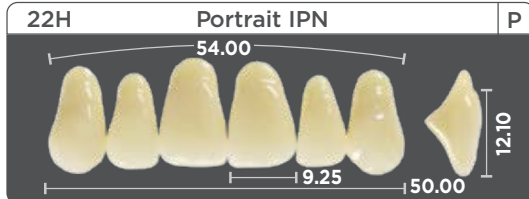
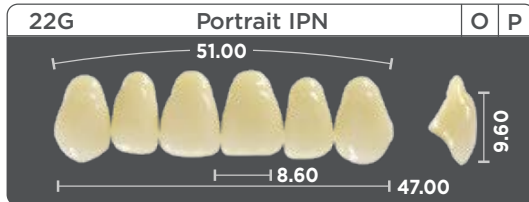
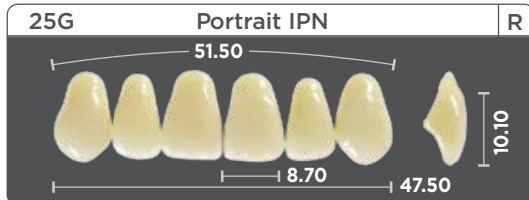
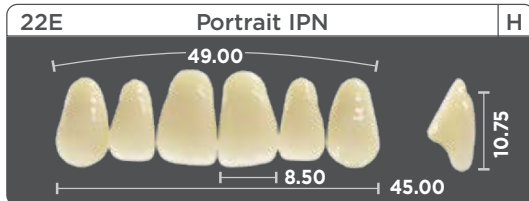
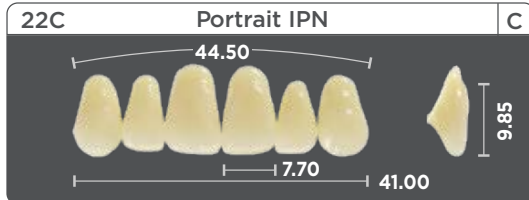
Portrait® IPN®

Available in 24 shades and 3 bleach shades

Anteriors Maxillary

Square Tapering

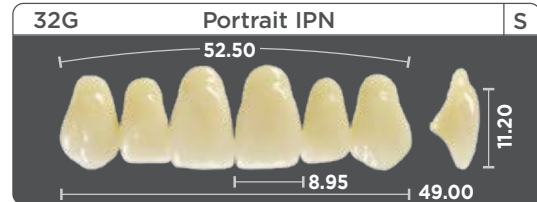
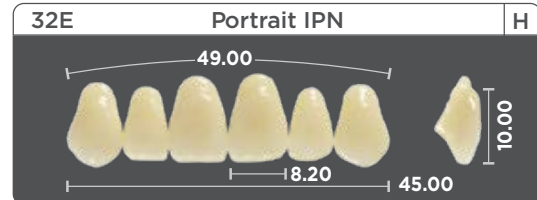
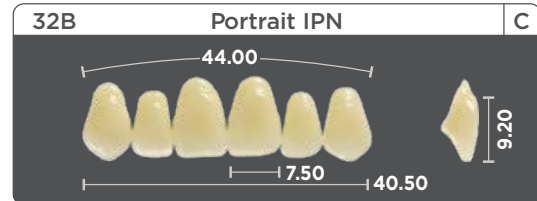
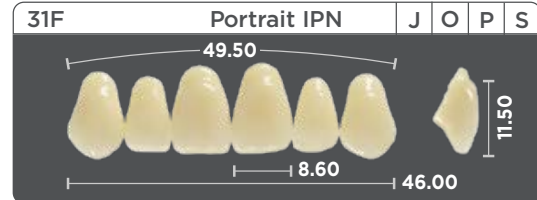
Mould No.
(Lower Articulation)



ARTICULATION	
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	Curve / Straight 48.00 / 44.50

Square Ovoid

Mould No.
(Lower Articulation)

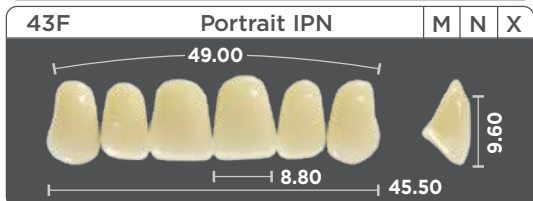
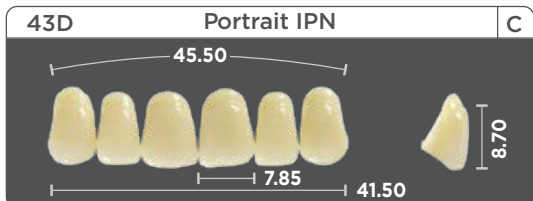
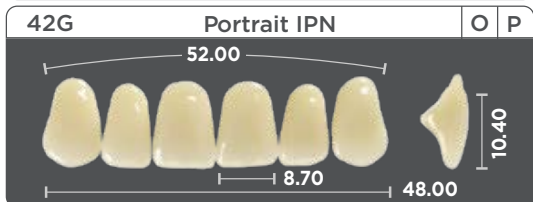
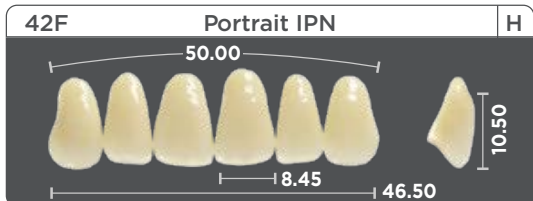
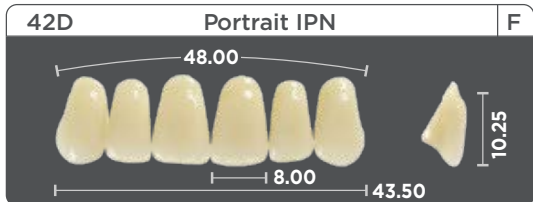
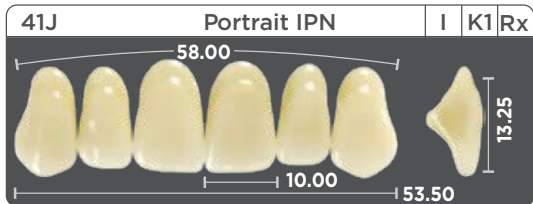


Portrait® IPN®

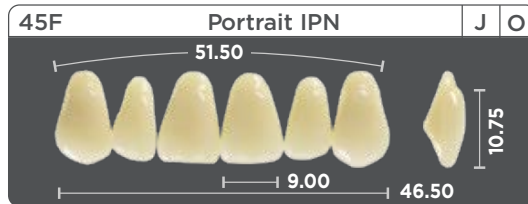
Available in 24 shades and 3 bleach shades

Anteriors Maxillary

▼ Tapering Mould No. (Lower Articulation)



▼ Tapering Mould No. (Lower Articulation)



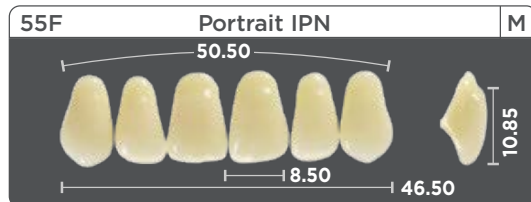
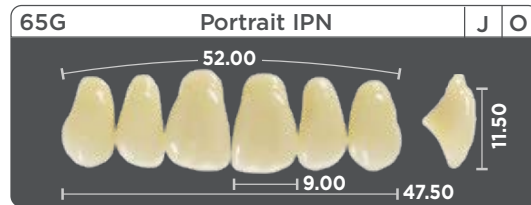
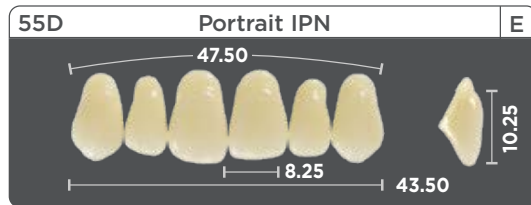
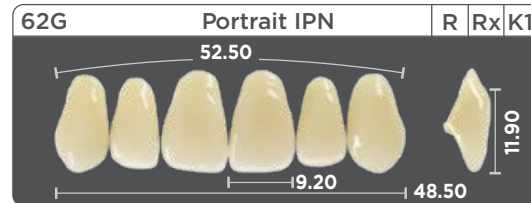
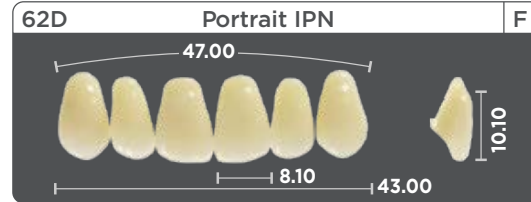
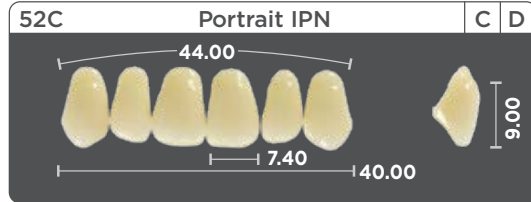
Portrait® IPN®

Available in 24 shades and 3 bleach shades

Anteriors Maxillary

 Tapering Ovoid

 Ovoid



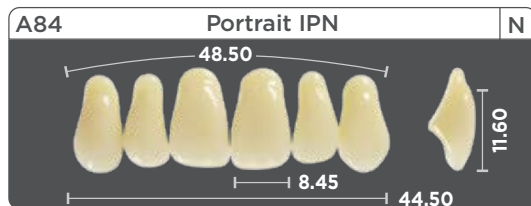
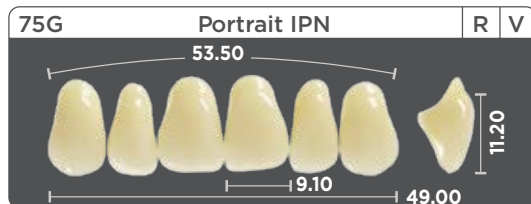
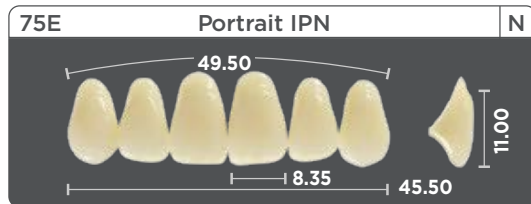
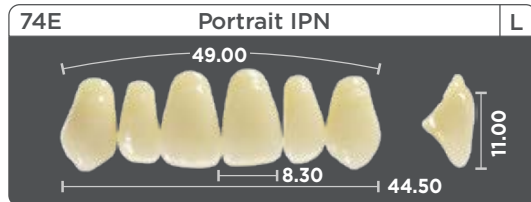
ARTICULATION	
KEY	55F M Maxillary Anterior Suggested Mandibular
	Curve / Straight 50.50 / 46.50

Portrait® IPN®

Available in 24 shades and 3 bleach shades

Anteriors Maxillary

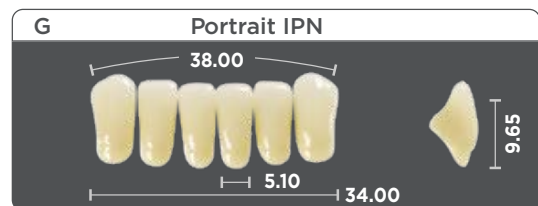
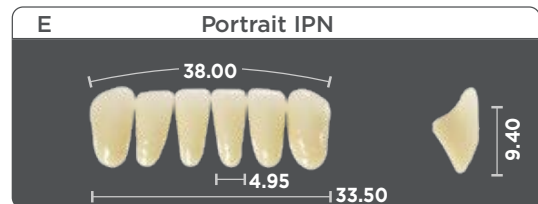
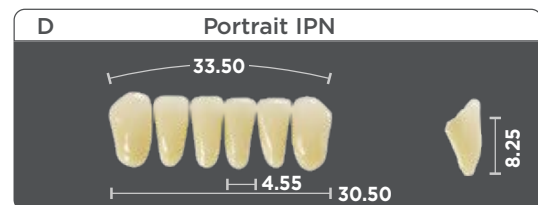
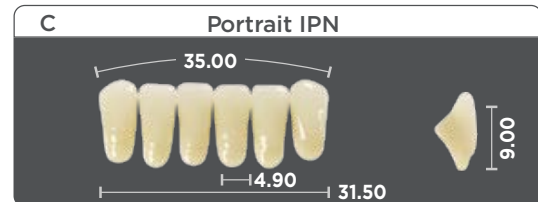
■ Square
■ Tapering Ovoid



Portrait® IPN®

Available in 24 shades and 3 bleach shades

Anteriors Mandibular

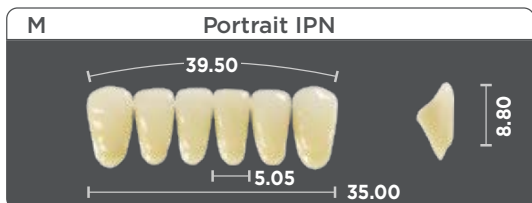
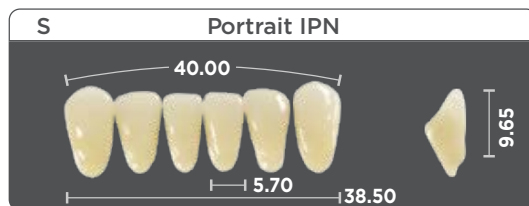
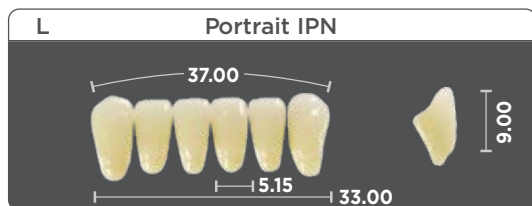
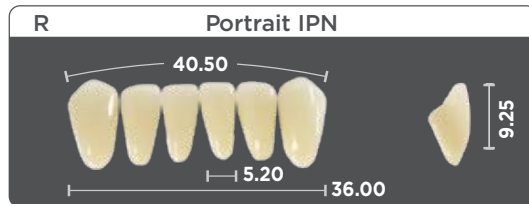
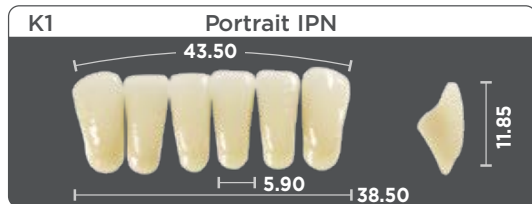
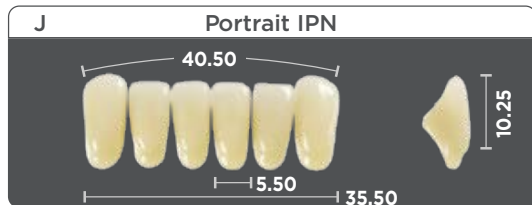
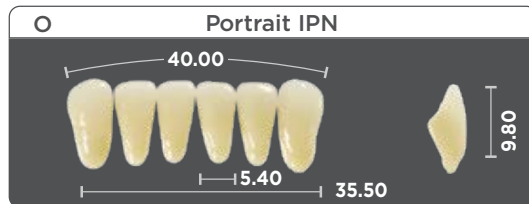
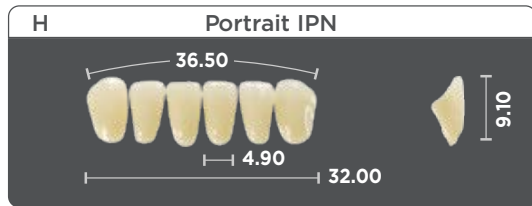


ARTICULATION	
KEY	A84 N Maxillary Anterior Suggested Mandibular
	Curve / Straight 48.50 / 44.50

Portrait® IPN®

Available in 24 shades and 3 bleach shades

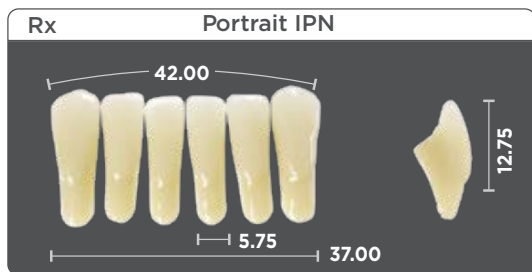
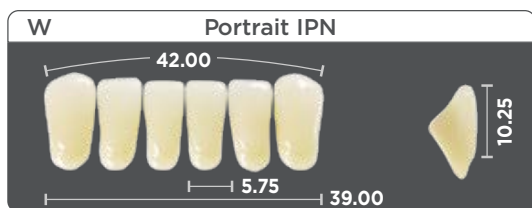
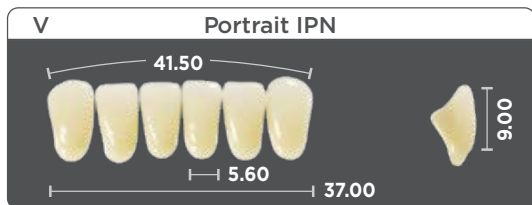
Anteriors Mandibular



Portrait® IPN®

Available in 24 shades and 3 bleach shades

Anteriors Mandibular



Portrait IPN teeth have a versatile combination of aesthetics, function and performance.



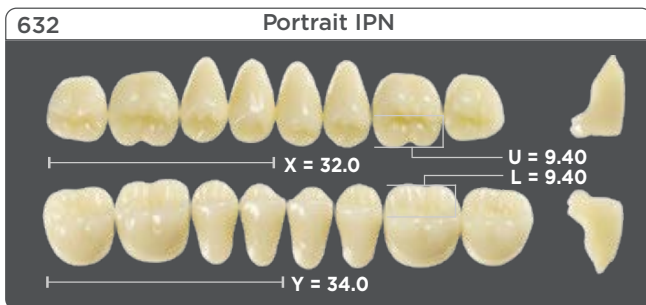
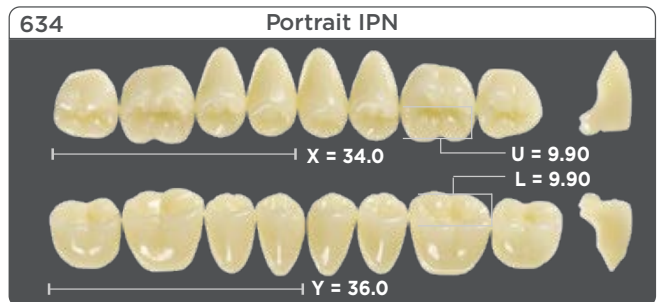
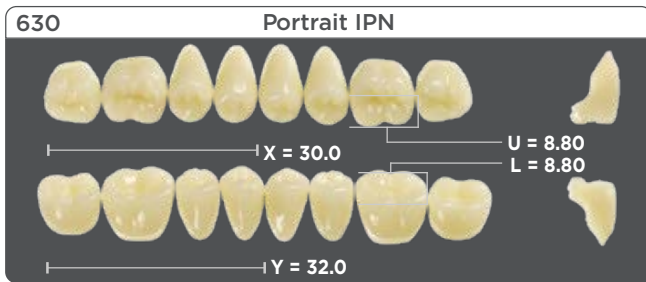
Portrait® IPN®

Available in 24 shades and 3 bleach shades

Posterior Teeth

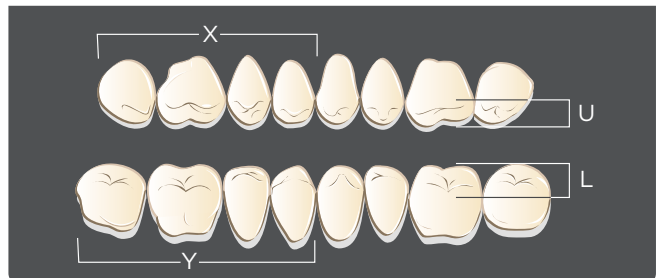
Portrait® IPN® 0° Posteriors

Offer minimal interference in lateral excursions. Specially contoured occlusal surfaces of interacting ridges and clearance spaces enhance chewing efficiency and help prevent food packing.



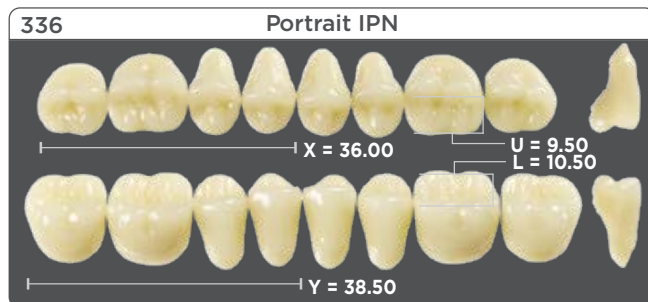
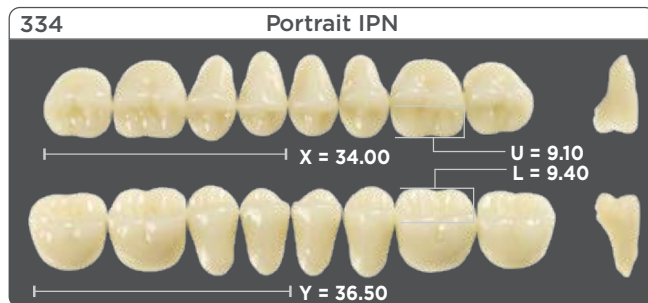
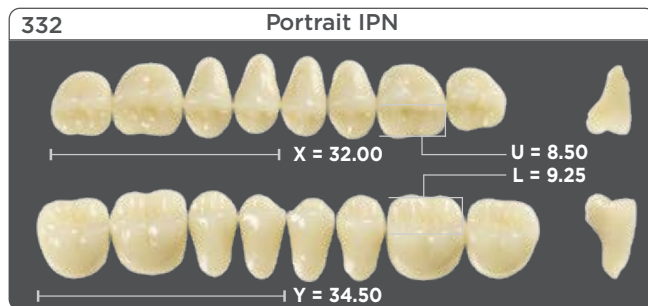
KEY

- X** = The average width of a 1x4 set of maxillary posteriors
 - Y** = The average width of a 1x4 set of mandibular posteriors
 - U** = The average depth of the maxillary left first molar
 - L** = The average depth of the mandibular left first molar
- ISO 22112: 2017. Processing instructions available upon request.



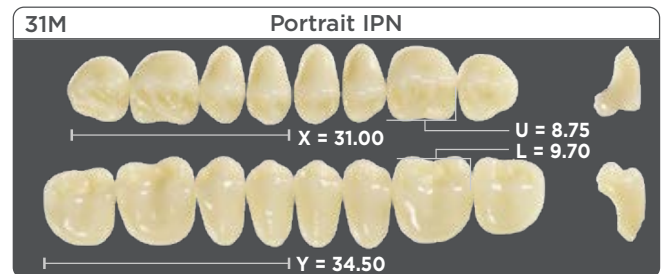
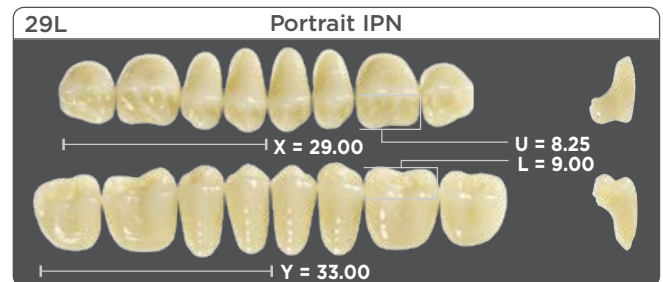
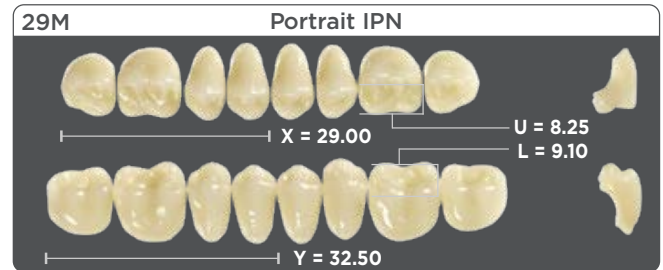
Portrait® IPN® 10° Posteriors

Provide the look of well-worn natural teeth. Shallow cusps minimize interference, yet provide a definite centric. In occlusion, the upper lingual cusps align to form an exceptionally efficient “lingual cutting knife.”



Portrait® IPN® 20° Posteriors

Shallow 20° cusps offer minimal interference in lateral excursions. Specially contoured occlusal surfaces of interacting ridges and clearance spaces enhance chewing efficiency and help prevent food packing.

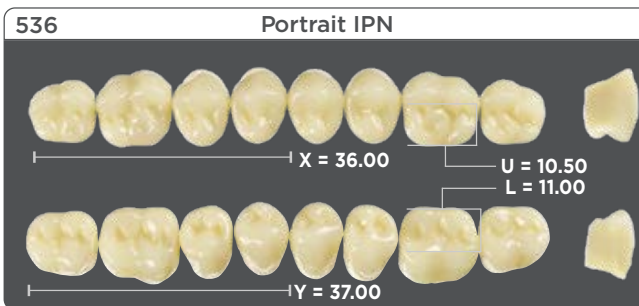
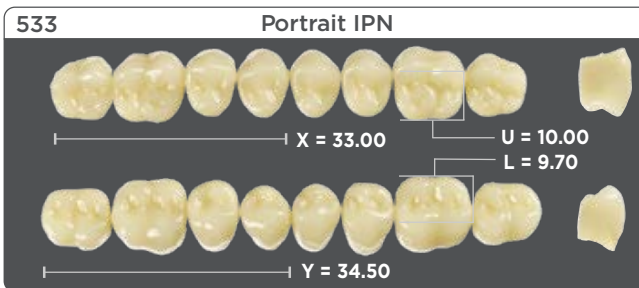
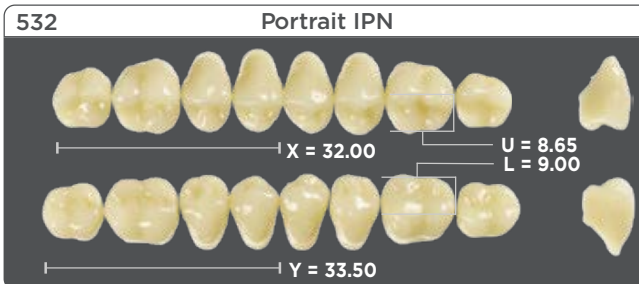
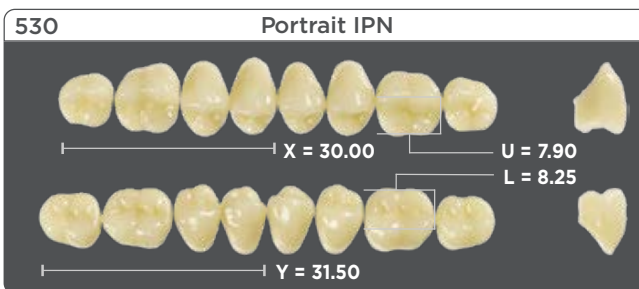
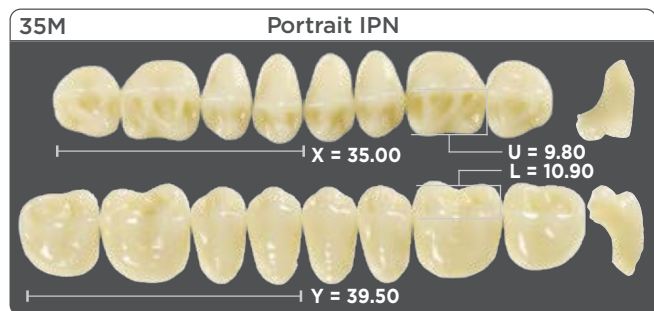
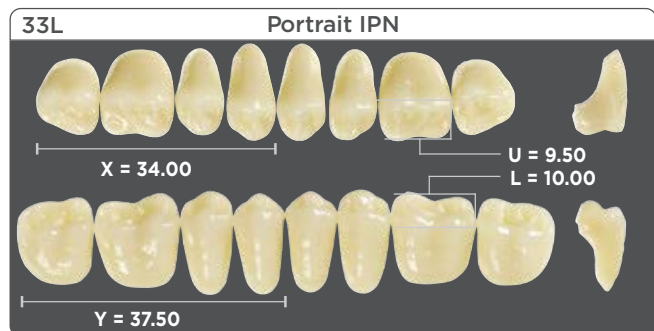
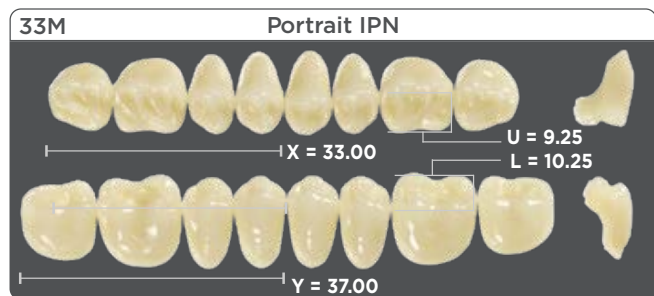
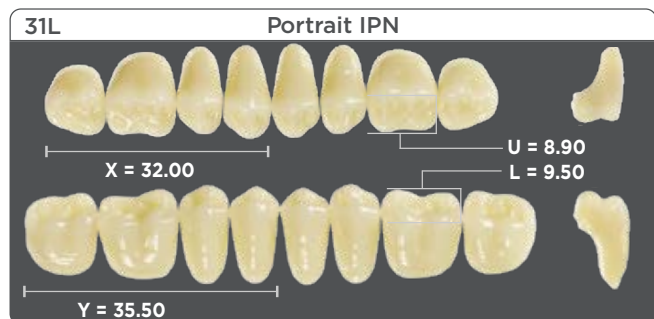


Portrait® IPN® 20° Posteriors

Shallow 20° cusps offer minimal interference in lateral excursions. Specially contoured occlusal surfaces of interacting ridges and clearance spaces enhance chewing efficiency and help prevent food packing.

Portrait® IPN® 22° Posteriors

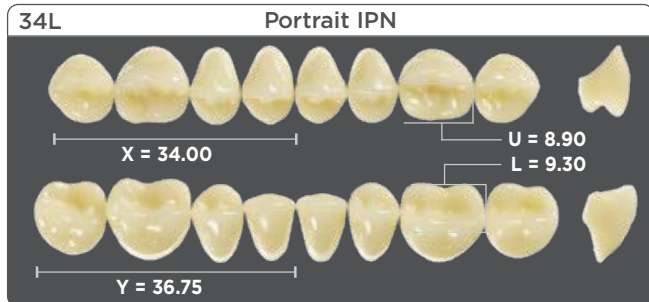
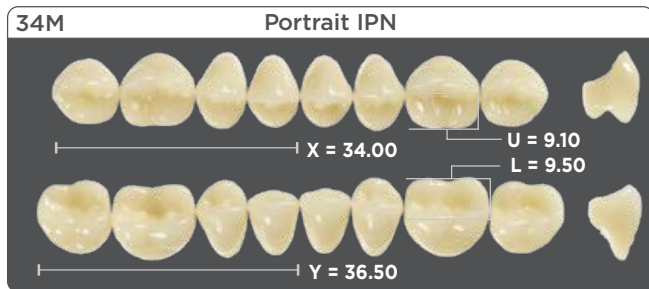
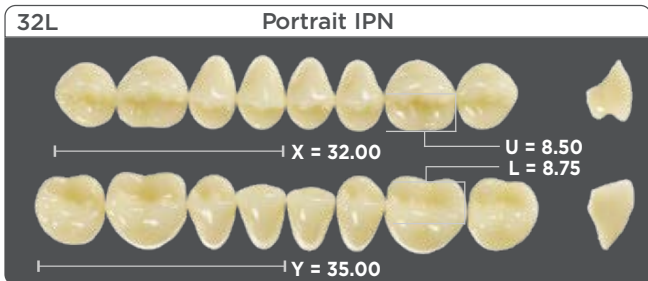
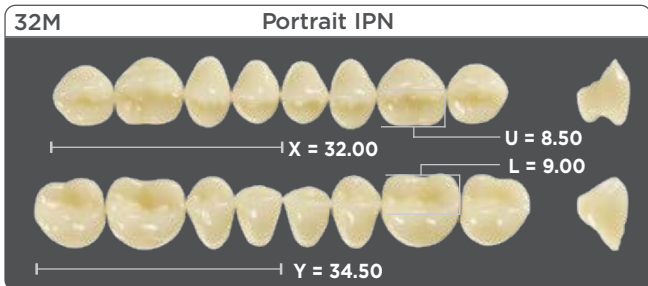
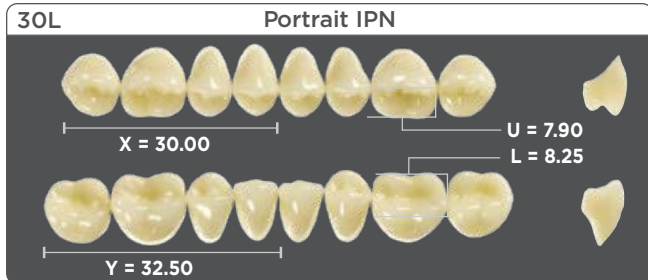
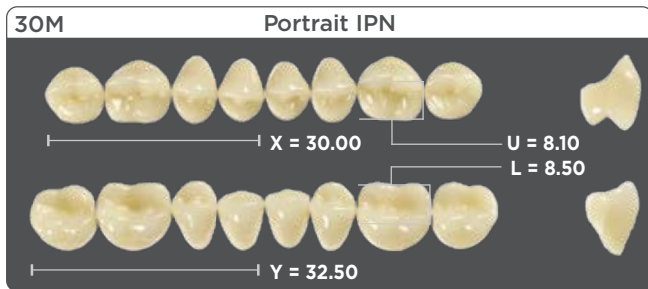
Aesthetically and functionally suited for complete and partial dentures. Shallow non-interfering cusps facilitate freedom in all excursions.



All dimensions in mm.
Images scaled to size.

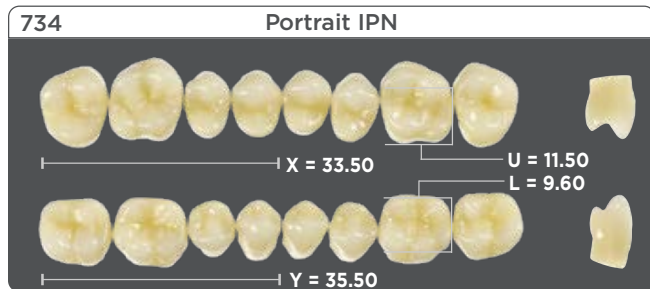
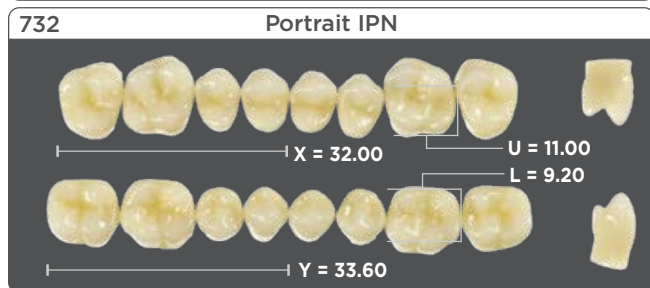
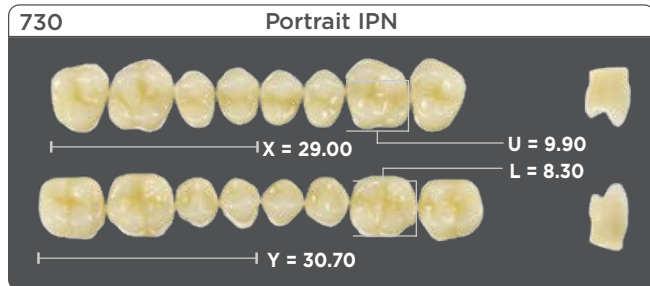
Portrait® IPN® 33° Posteriors

Fully anatomical with natural cusp contours.
 Ideal for complete and partial dentures which occlude with well-developed natural teeth.



Portrait® IPN® 40° Posteriors

EuroLine IPN 40° posteriors are German designed with a natural-looking “young” occlusal pattern, wide food table and long crown form. Using 30° incisal and condylar guidance settings, they can be arranged for maximum efficiency, aesthetics and integration in full, partial or combination cases.



Another Life Transformed

TRUEBYTE® SHADE GUIDES



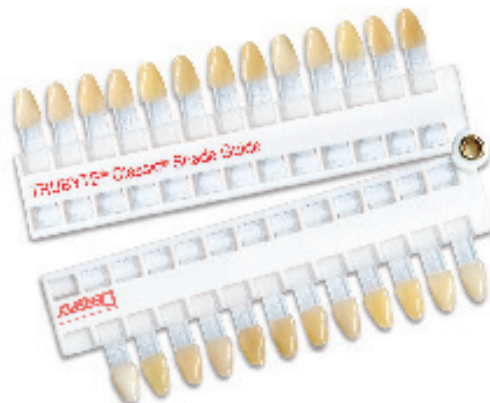
Trubyte® Portrait® IPN® Plastic Shade Guide

The Portrait IPN shade guide is attractively arranged in 5 groups of 27 shades. The first 16 Portrait IPN shades are cross referenced to the Vita* “four hue group” arrangement; the next 8 shades represent the esthetically “Base 8” Bioform Shades; and now there are 3 bright white shades, PW2™, PW4™, PW7™ Portrait IPN Shades are only available in the Portrait IPN toothline.

Shade Guide consists of 27 shade tabs and holder

(167-5295)..... Each

*Vita is a registered trademark of Vita Zahnfabrik GmbH.



Classic® Shade Guide

Shade guide consisting of 25 shade tabs and holder

(167-7957)..... Each

Combination Table

Select maxillary anterior mould form, and use table to determine recommended mandibular anterior and posterior options.

Portrait® IPN® Anteriors		Portrait® IPN® Posteriors					
		Non-Anatomical		Semi-Anatomical		Anatomical	
Anterior Upper Mould No.	Articulates – With Anterior Lower	Portrait IPN 0°	Portrait IPN 10°	Portrait IPN 20°	Portrait IPN 22°	Portrait IPN 33°	Portrait IPN 40° EuroLine
11G	R	632	332	33M	532	32L	732
11H	S, W	634	334, 3361	33M, 35M1	533, 536	34M	734
12E	M, N	632	332	31M	532	32L	732
12F	N	632	332	31M, 31L	532	32L	732
12G	G, R, V	634	334	33M	533	34M	734
13D	B, C	630	330	31S, 31M	530	30L, 30LS	730
13E	H	630	330	31M	530	30L	730
21C	C	630	330	29M, 29L	530	30L	730
21D	F	630	330	29L	530	30L	730
21E	O	632	332	31L, 33L	532	32L	732
21F	L	632	332	31M, 31L	532	30L	732
21G	W	634	334	33L	533	34L	734
21J	I, K1, Rx	634	334, 336	33M, 35M	533, 536	34L	734
21X	P	632	332	31M	532	32M	732
22C	C	630	330	29M	530	30M	730
22E	H	630	330	29L	530	30L	730
22G	O, P	632	332	31M	532	32M	732
22H	P	634	334	33M	533	34L	734
24F	F, G, H	632	332	31M	532	32L	732
25G	R	634	334	33M	533	34L	734
31F	J, O, P, S	632	332	31L, 33L	532	32L	732
32B	C	630	330	29M	530	30M	730
32E	H	632	332	31M	532	32M	732
32G	S	634	334	33M	533	34L	734
35E	G	632	332	31M, 31L	532	30L	732
36F	N, X	632	332	33M	532	32L	732
41J ²	I, K1, Rx	634	336	35M	536	34L	734
42D	F	630	330	29M, 29L	530	30L	730
42F	H	632	332	31M	532	32L	732
42G	O, P	632	332	31M, 33M	532	32M	732
43D	C	630	330	29M, 29L	530	30L	730
43F	M, N, X	632	332	31M	532	32M	732
45F	J, O	632	332	31L	532	32L	732
45H	R, V	634	334	33M	533	34L	734
52C	C, D	630	330	29M	530	30M	730
54F	J, N	632	332	31L	532	32L	732
55D	E	630	330	29M	530	30M	730
55F	M	632	332	31M	532	32L	732
56G	P, V	632	332	31M, 33M	533	32M	732
62D	F	630	330	29L	530	30L	730
62E	F	630	330	31M, 31L	530	30L	730
62G	K1, R, Rx	634	334, 336	33M, 35M	533	34L	734
65G	J, O	634	334	33M	533	34L	734
65H	S, U	634	334	33M, 33L	533	32L	734
74E	L	630	330	29M, 29L	530	30L	730
74H	K1	634	334, 336	33M, 33L	533	34L	734
75E	N	630	330	29L	530	30L	730
75G	R, V	632	332	31M	532	32L	732
76D	C	630	330	29M	530	30M	730
A84	N	632	332	31M	532	32L	732

¹ Indicated for upper denture combinations only. ² Softening the canine cusps may yield the best aesthetic results for certain posteriors.

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Denture Base

Lucitone 199® Denture Base Resin



Lucitone 199 is the premium choice for both tissue and implant-supported full and partial dentures, offering outstanding aesthetics, high impact resistance, and superb flexural strength.

- Industry standard for premium high-impact denture base resins. Trusted and reliable.
- Superior high-impact resistance and flexural strength. Resists breakage.
- Balanced translucency and excellent vein simulation. Delivers aesthetic results.
- Compression packed, injected or microwavable if injected. Adapts to laboratory processes.
- Available in original, light pink, light reddish pink and dark pink shades. Covers patients' needs.

Lucitone® HIPA High Impact Pour Acrylic



The first high impact pour acrylic for improved durability, this pourable denture base material is designed for use in fabrication, repair, rebasing, or relining of full and partial dentures including implant overdentures or other dental appliances.

- 200% stronger than other pourable acrylics¹
- Faster processing times of a pour acrylic
- 21% savings in hands-on working time vs. heat cure²
- Color stability
- Accurate fit to model
- Excellent bonding to IPN® teeth
- Available in five shades: Original, Light, Light Reddish Pink, Original Opaque, Dark Pink

1. Based on Dentsply Sirona testing.

2. Time savings is based upon hands-on working time. Data on file.

Lucitone® FRS® Flexible Dental Resin



Lucitone FRS Flexible Denture Resin is a temporary thermoplastic injectable resin that offers customizable flexibility, high impact resistance and transparency, delivering aesthetic removable partial dentures and clear or colored clasps.

- Semi-crystalline nylon composition for improved color stability and stain resistance. Provides aesthetics.
- Easy to finish and polish due to the microcrystalline structure. Saves time.
- Monomer - and metal-free. Non-irritating.
- Available in original, light pink, light reddish pink, dark pink and clear shades. Aesthetic shade options.
- Clear shade for fabrication of clear clasps, occlusal splints, and night guards. Offers greater versatility.
- Available in three (3) cartridge sizes: small, medium and large. Adapts to laboratory needs.

Vitallium® 2000 and Vitallium® 2000 Plus Alloys



Vitallium 2000 is a premium partial denture system, featuring two alloy formulations, Vitallium 2000 and Vitallium 2000 Plus, with advanced physical properties for improved handling characteristics. Vitallium alloys are nickel and beryllium-free.

- Superior Strength - The high fracture resistance of Vitallium 2000 alloys enables dental laboratories to fabricate lighter, more refined partials for improved aesthetics and greater patient comfort.
- Predictability and Precise Fit - Vitallium 2000 alloys have a higher elongation value permitting predictable adjustments with unprecedented fracture resistance. Vitallium 2000 alloys adjust like gold with no fear of deformation for a precise fit.
- High Surface Luster - Vitallium alloys maintain a high luster and resist plaque. This ensures that patients can easily and effectively clean their partial dentures.



Anteriors

O 10
○

44.9
40.9
9.0
7.5

O 20
○

50.0
46.1
9.7
8.4

O 30
○

53.5
47.0
11.0
8.6

R 20
□

47.9
43.0
10.0
8.0

R 30
□

55.1
47.8
11.8
8.9

R 40
□

57.8
51.0
13.4
9.7

S 05
□

45.1
40.3
8.9
7.4

S 10
□

49.9
44.2
9.1
7.9

S 20
□

49.6
44.0
9.9
7.9

S 30
□

54.8
49.8
10.5
8.9

S 35
□

55.4
50.6
10.8
9.2

S 40
□

57.8
53.2
12.6
9.9

T 10
△

48.0
44.1
9.0
8.2

T 15
△

45.9
42.6
9.6
7.9

T 20
△

48.2
45.6
9.8
8.8

T 30
△

51.0
45.5
10.6
8.2

T 35
△

51.0
47.4
10.0
8.8

T 40
△

55.2
49.1
12.1
8.7

TO 05
△

46.0
42.1
9.0
7.8

TO 10
△

48.0
43.3
9.3
8.3

TO 20
△

48.5
43.8
9.6
7.9

TO 30
△

50.1
45.9
10.4
8.6

TO 40
△

51.8
47.8
11.0
8.9

L 05

34.6
31.5
9.0
5.0

L 10

36.0
33.5
7.8
5.1

L 15

37.2
34.9
9.5
5.2

L 20

39.9
35.5
8.9
5.3

L 25

42.0
37.0
9.2
5.7

L 30

41.3
35.9
9.0
5.5

L 40

40.8
36.0
9.0
5.5

L 45

44.0
38.9
9.6
5.9

L 50

44.9
39.2
11.1
5.9

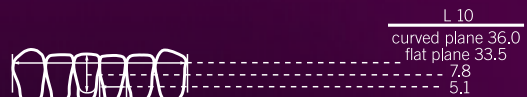
L 55

48.6
40.1
10.6
6.1



KULZER
MITSUI CHEMICALS GROUP






Posteriors





KULZER
MITSUI CHEMICALS GROUP

Mould Numbers and Possible Combinations

	Upper anteriors	Lower anteriors	U/L Posteriors 0°	U/L Posteriors 10°	U/L Posteriors 20°	U/L Posteriors 30°
 Ovoid	O 10	L 10	30	30	30	30
	O 20	L 30	30, 32	30, 32	32	32
	O 30	L 40	32	32	32	32, 34
 Rectangular	R 20	L 20	32	32	32, 34	32, 34
	R 30	L 25	32	32	36	34
	R 40	L 55	32	32	36	34
 Square	S 05	L 05	30	30	30	30
	S 10	L 10	30	30	30	30
	S 20	L 20	30, 32	30, 32	32	32
	S 30	L 40	32	32	32, 34	32, 34
	S 35	L 55	32	32	36	34
	S 40	L 55	32	32	36	34
 Triangular	T 10	L 10	30	30	30	30
	T 15	L 15	30, 32	30, 32	32	30, 32
	T 20	L 30	30, 32	30, 32	32	32
	T 30	L 20	32	32	32	32, 34
	T 35	L 40	32	32	32	32, 34
	T 40	L 50	32	32	34	34
 Triangular ovoid	TO 05	L 05	30	30	30	30
	TO 10	L 15	30	30	30	30, 32
	TO 20	L 20	30, 32	30, 32	32	32, 34
	TO 30	L 40	32	32	32	34
	TO 40	L 45	32	32	34	34

Mould Comparison Chart

Anteriors		Lower Anteriors		Posteriors		
Kulzer Artic®	Dentsply Classic™	Kulzer Artic®	Dentsply Classic™	Angulation	Kulzer Artic®	Dentsply Classic™
O 20	134	L 10	2C	0°	0° -30 U/L	29M
S 30	136	L 05	3M	0°	0° -32 U/L	31M
S 35	137	L 20	2D	10°	10° -30 U/L	F30
T 40	1H	L 15	2N	10°	10° -32 U/L	F32
O 10	2D	L 40	3D	20°	20° -30° U/L	29M
TO 05	3D	L 25	3N	20°	20° -32° U/L	31M
T 15	2N	L 30	2E	20°	20° -34° U/L	33M
TO 10	A24	L 45	4E	20°	20° -36° U/L	34M
T 20	A25	L 55	4H	30°	30° -30° U/L	30M
T 35	A26	L 50	3P	30°	30° -32° U/L	32M
S 05	3M			30°	30° -34° U/L	34M
TO 20	3N					
O 30	3P					
R 20	263					
T 30	264					
R 30	266					
R 40	267					

Classic™ is a trademark of Dentsply Sirona, Inc.
Artic® is a registered trademark of Kulzer, LLC.



PALA®

Mould Chart

NEW



Introducing Delara®

The versatile mid-class tooth line with lifelike aesthetics.

Giving a hand to oral health.



KULZER
MITSUI CHEMICALS GROUP



Form, function and aesthetics.

Designed **by dental professionals, for dental professionals** using INCOMP and CAD/CAM technology, Delara offers these advantages:

Beautiful, Lifelike Aesthetics

- Modern, bright shading (3 layer anteriors)
- Dynamic light refraction
- Vivid, enhanced surface structure
- Anatomical forms

Easy Handling for Enhanced Productivity

- Polishing buffer
- Basal grinding reserve
- Optimized incisal edges
- Retains shape and layering even after grinding

Versatility

- Optimized portfolio of shades and moulds with full range of options
- Various setup possibilities (tooth-to-tooth to cross bite)
- CAD/CAM production for easy integration into digital workflows

Value and Performance

- Excellent functionality with Kulzer quality and durability
- Great price to performance ratio for mid-priced segment

“Delara anterior teeth look so natural and beautiful in the mouth thanks to the unique surface structure. In addition, they are easy to set up, especially the posterior teeth. With Delara you have the freedom of set-up with almost no grinding necessary.”



Ilkka Garaisi

As dentist (clinical dental technician) he has over 25 years of experience and treated over 7.000 patients with full dentures. He is president of EHT-federation in Finland, teacher of denturists, and representative of Finland in the IFD.



Delara Anteriors

SMALL

T 42   

42,4
9,6
8,0

S 44   

44,5
10,4
8,3

O 43   

44,2
10,5
8,3

T 44   

45,1
10,5
8,2

S 43   

43,9
9,6
8,2



R 45   

45,0
10,6
8,2

MEDIUM

T 45   

45,7
11,3
8,4

O 47   

48,1
11,4
9,1

T 46   

46,5
10,7
8,7

R 47   

47,5
11,5
8,8

R 46   

46,5
10,1
8,8

S 48   

49,0
11,3
9,1

LARGE

R 48   



48,8
13,0
9,3

S 50   

51,0
11,8
9,6

T 49   

49,6
12,2
9,1

O 51   

52,2
12,4
9,8

R 49   

48,7
10,9
9,3

R 52   

52,1
13,6
9,8

L 33



33,6
9,4
5,2

L 38



36,6
10,5
5,8

L 35



34,6
9,5
5,4

L 39



38,3
10,8
5,9

L 36



35,6
9,1
5,5

Delara Posteriors

30



29,5
9,1
31,4
8,1

32



31,0
9,5
33,1
8,8

34



33,0
10,2
35,3
9,3

36

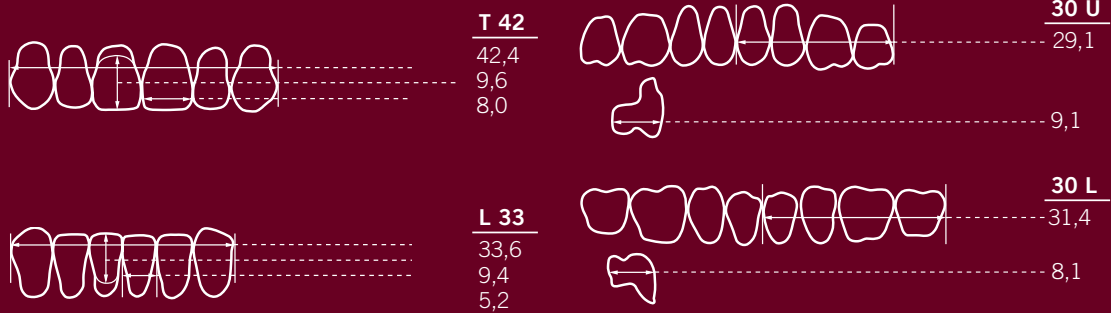


34,8
10,9
37,3
9,9

Mould numbers and possible combinations

	Upper anteriors	Lower anteriors	Posteriors
 T = TRIANGULAR	T 42	L 33	30 + 32
	T 44	L 33 + L 35	30 + 32
	T 45	L 33 + L 35 + L 36	32 + 34
	T 46	L 35 + L 36 + L 38	32 + 34
	T 49	L 38 + L 39	36
 O = OVAL	O 43	L 33 + L 35 + L 36	30 + 32
	O 47	L 38 + L 39	34
	O 51	L 38 + L 39	36
 R = RECTANGULAR	R 45	L 33 + L 35	32
	R 46	L 33 + L 35 + L 36	32 + 34
	R 47	L 38 + L 39	34
	R 48	L 36 + L 38	34
	R 49	L 38 + L 39	34 + 36
	R 52	L 38 + L 39	36
 S = SQUARE	S 43	L 33 + L 35 + L 36	30 + 32
	S 44	L 33 + L 35 + L 36 + L 38	30 + 32 + 34
	S 48	L 38 + L 39	34 + 36
	S 50	L 38 + L 39	36

Examples



Also from Kulzer:

Pala® Denture Teeth

Perfection at your fingertips.

As one of the world's leading dental companies, Pala from Kulzer stands for over 80 years of prosthetic excellence. Pala is synonymous with high quality denture teeth, acrylics and first class accessories.

The development of these high quality, time-tested denture teeth is based on many years of experience, innovative technology and precision handcraft. Pala's large selection of mould designs provide the freedom and flexibility to select the perfect teeth for every patient's unique needs.

- **Mondial i** and **Mondial** denture teeth are made with the world's first and only dental acrylic—Flexecure®, a combination of unique microfillers and nanoparticles.
- **Artic's** multilayered structure allows exact matching of reflection curves in both natural and artificial teeth.
- **Artic Digital** offers CAD/CAM teeth at an economical price, specially designed to work with Kulzer's private processing economy digital dentures.



For more information, contact your
Kulzer Sales Representative
or visit kulzerUS.com.

BRONZE

Value
PALA Artic®



SILVER

Mid-class
Pala Delara®



GOLD

Premium
PALA Mondial®



DIAMOND

Ultra Premium
PALA Mondial® i



Manufacturer

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Schlätterstraße 2
88142 Wasserburg, Germany

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South Bend, IN 46614
(800) 431-1785

This mould chart complies with EN ISO 22112:2017.
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kulzerUS.com/delara

TEE_BRO_3 Rev. 09/19

Basic

Vision arising out of tradition

A new era in the manufacturing of artificial teeth commenced in 1965 with the introduction of the INCOMP (injection/compression) process. This technology was developed by a company that had been founded three years previously by Dr. Kurt Schilling, later to be known as "Lindauer Zähne".

The aim of this new technology was to substantially improve the quality of artificial teeth. Continuous optimization of the individual process stages and of material selection resulted in a constant increase in the range of artificial teeth available and consequently in their worldwide market share.

Between 1978 and 1995 the company was part of a major German chemicals company prior to its acquisition by Heraeus Kulzer in September 1995. Today the company is known as Heraeus Kulzer GmbH, Wasserburg. The plant forms an important part of one of the largest dental companies in the world.

Mould Numbers and Possible Combinations

	Upper anteriors	Lower anteriors	Posteriors	0° Posteriors	12° Posteriors	33° Posteriors
 Ovoid	L 01	U 01	GO/GU	EO/EU	BO/BU	
	L 02	U 01	GO/GU	EO/EU	BO/BU	
	L 03	U 02	GO/GU	EO/EU	BO/BU	
	L 04	U 02	GO/GU	EO/EU	BO/BU	
	L 05	U 03	HO/HU	FO/FU	CO/CU	
	L 06	U 06	HO/HU	FO/FU	DO/DU	
 Triangular	A 10	U 04	GO/GU	EO/EU	CO/CU	
	A 11	U 05	HO/HU	FO/FU	CO/CU	
	A 12	U 07	HO/HU	FO/FU	DO/DU	
	A 13	U 07	HO/HU	FO/FU	DO/DU	
 Round	TO 05	U 03	GO/GU	EO/EU	BO/BU	
	TO 10	U 05	HO/HU	FO/FU	CO/CU	
	TO 20	U 04	HO/HU	FO/FU	DO/DU	
	TO 30	U 06	HO/HU	FO/FU	DO/DU	

Available in 16 shades (A1–D4).

Kulzer teeth meet and exceed all the requirements of EN ISO 22112:2006 and ANSI/ADA Specification No. 15-1999.



Pala® Mondial® i and Pala® Mondial®

Giving a hand to oral health.


















KULZER
MITSUI CHEMICALS GROUP

With Pala Mondial i and Pala Mondial you have the freedom to combine aesthetics and functionality at your will.

Pala Mondial i and Pala Mondial are the time tested denture teeth that meet all the requirements of modern dental technology. They are the first lines of denture teeth to feature NanoPearls and guarantee highest abrasion resistance. The large selection of mould designs provides flexibility when choosing teeth for the denture.

Combining CAD/CAM technology and the INCOMP procedure maintains our exemplary form and functional accuracy. You always receive reliable, dependable shade values for all Pala denture teeth and thus an even better adaptation to facings and any residual dentition.

Anterior Indications			
Mondial 6	 Full Denture	 Implant-Borne Denture	 Partial Denture
Mondial 6i	 Implant-Borne Denture	 Partial Denture	 Full Denture

Posterior Indications			
Mondial 8	 Full Denture	 Implant-Borne Denture	 Partial Denture
Mondial 8i	 Partial Denture	 Implant-Borne Denture	 Full Denture
Mondial 8i 5°	 Partial Denture	 Implant-Borne Denture	 Full Denture

Pala Mondial i 5° – Makes combining function and aesthetics a greater possibility.

The true-to-nature flat cusp angle and lifelike characteristics are tailored to suit implant-borne bridges and geriatric prosthetics.

The facts

- Perfect coverage of tertiary and implant structures through wider cervical area and high tooth volume
- Better interdental closure and optimal cleanability through bigger proximal surfaces
- Best possible manufacturing - Safe and fast set-up through definite bite index and maximized freedom in the centric relation
- High wear and break resistance due to Nanopearls material technology. The special Pala Mondial i morphology reduces excessive initial wear



Mondial i

The facts

- Denture Acrylic with NanoPearls® for high abrasion resistance and lifelike opalescence
- Our teeth can be applied to any set-up concept or for eugnathic and disgnathic jaw relationships and give the technician greater flexibility.
- True to nature moulds identical with natural teeth
- Indistinguishable from residual dentition
- Widened base and increased volume for improved papillae contouring



Mondial 6i Anteriors

- A Variable cervical area
- B Wide tooth base
- C Lifelike labial surface
- D Layering simulates natural teeth
- E 3D-Multilayering
- F Naturally contoured labial surface



Mondial 8i Posteriors

- A Variable cervical area
- B Wide tooth base
- C Occlusion design allows lingual and balanced occlusion set-up
- D Width of occlusal surface similar to natural teeth
- E Provision for spot grinding in the incisal edge

The R8, S8, L19 and L24 anteriors have significantly more volume and are a prominent highlight of the extended Pala Product range.

- A widened base, greater use of tooth length and depth through greater volume, improved overall aesthetics, easier masking
- Less concave palatal areas means lower lateral forces and higher stability
- Larger proximal areas mean best possible proximal closing and better overall aesthetics
- Rounded canines give patients a more natural appearance



Mondial

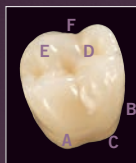
The facts

- Fast and unambiguous set-up
- Precisely defined centric means simple set-up
- Precise function without time consuming spot grinding
- NanoPearls guarantees high abrasion resistance and durability
- Lifelike and vivid surface structures match the basic tooth form and appear harmonious.
- Widened tooth base and increased volume aid papillae contouring and eliminate dark recesses and vertical edges.



Mondial Anteriors

- A Variable cervical area
- B Wide tooth base, soft transition
- C Lifelike surface structure
- D Layering + Material = Opalescence

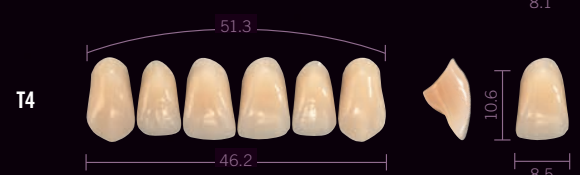
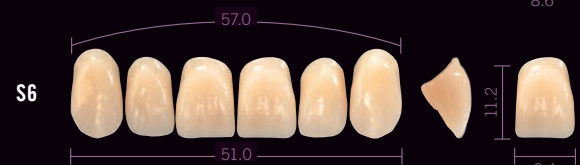
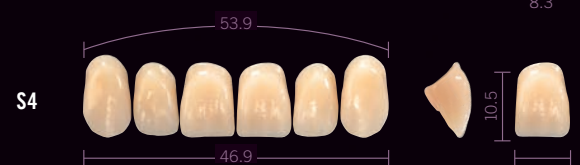
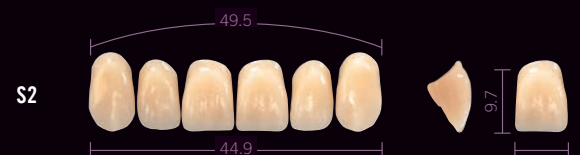
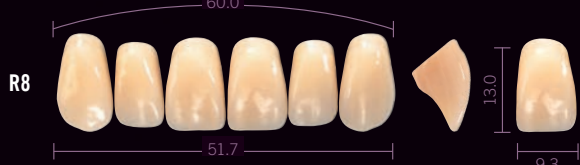
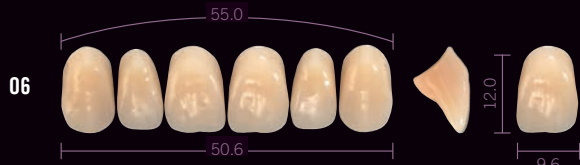
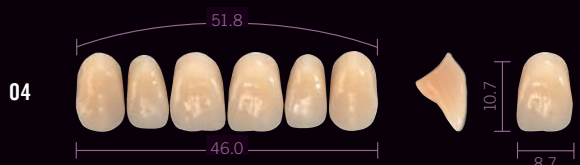


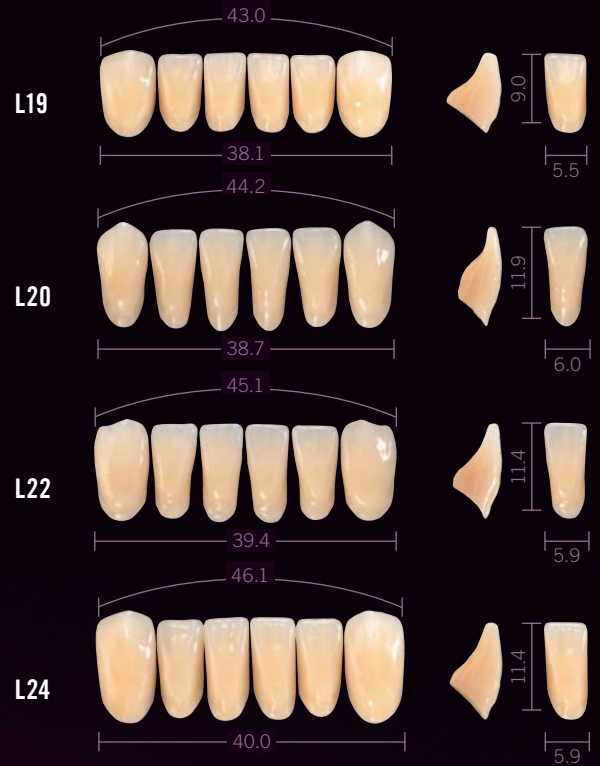
Mondial Posteriors

- A Variable cervical area
- B Wide tooth base
- C Bilaterally digitalized, symmetrical
- D Functionally improved occlusal design
- E Provision for spot grinding in the incisal edge
- F Lifelike cusp design

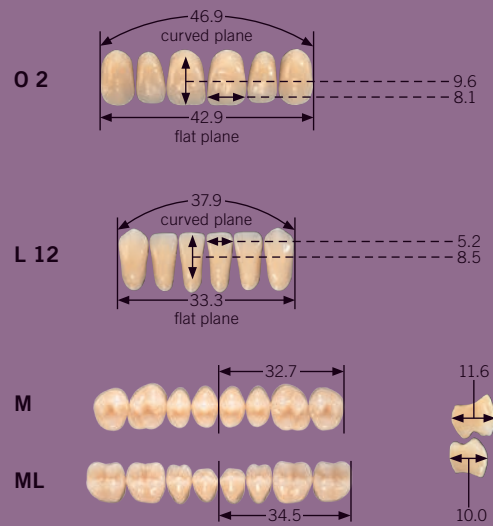


Mondial 6i Anteriors / Antérieures

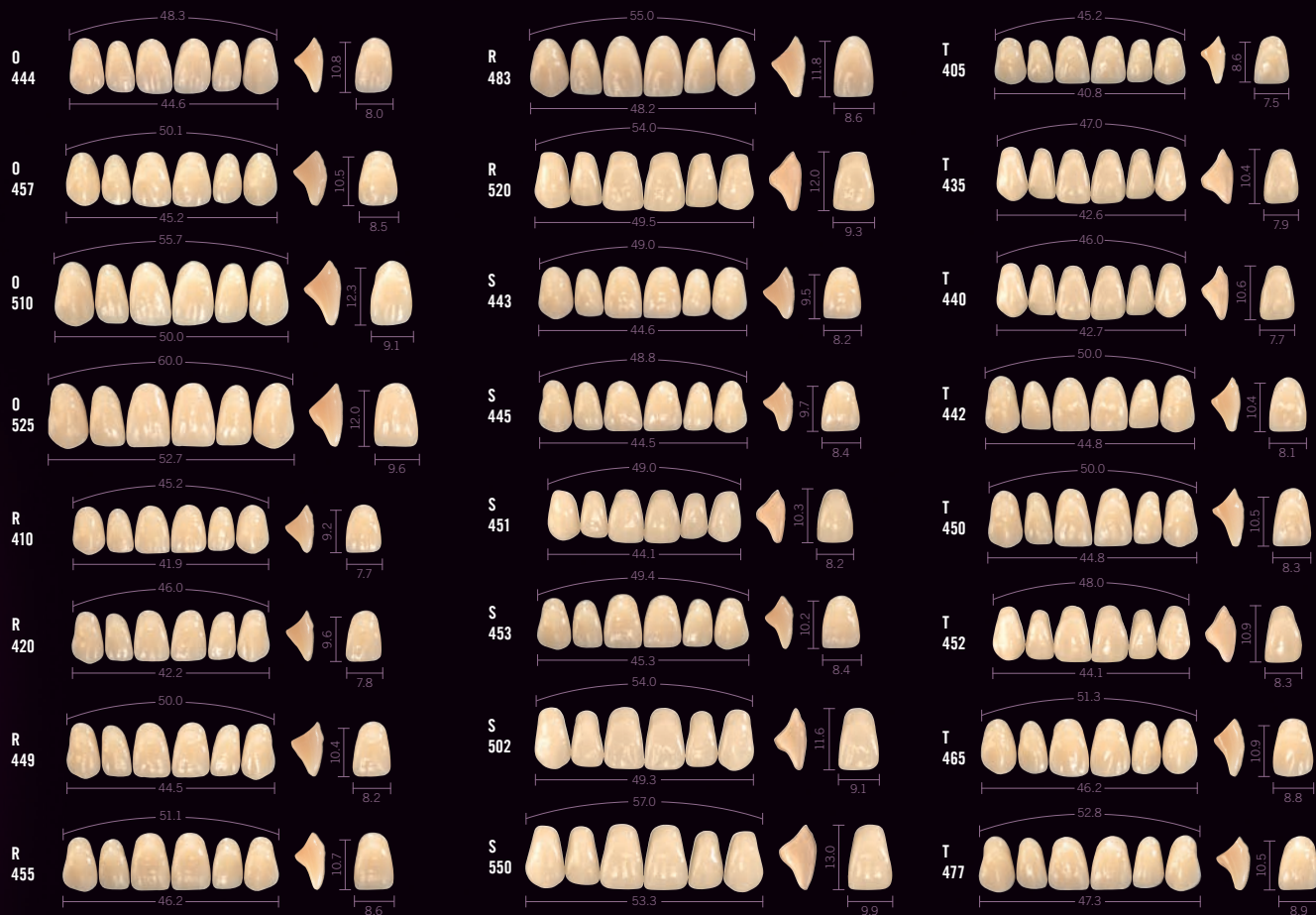


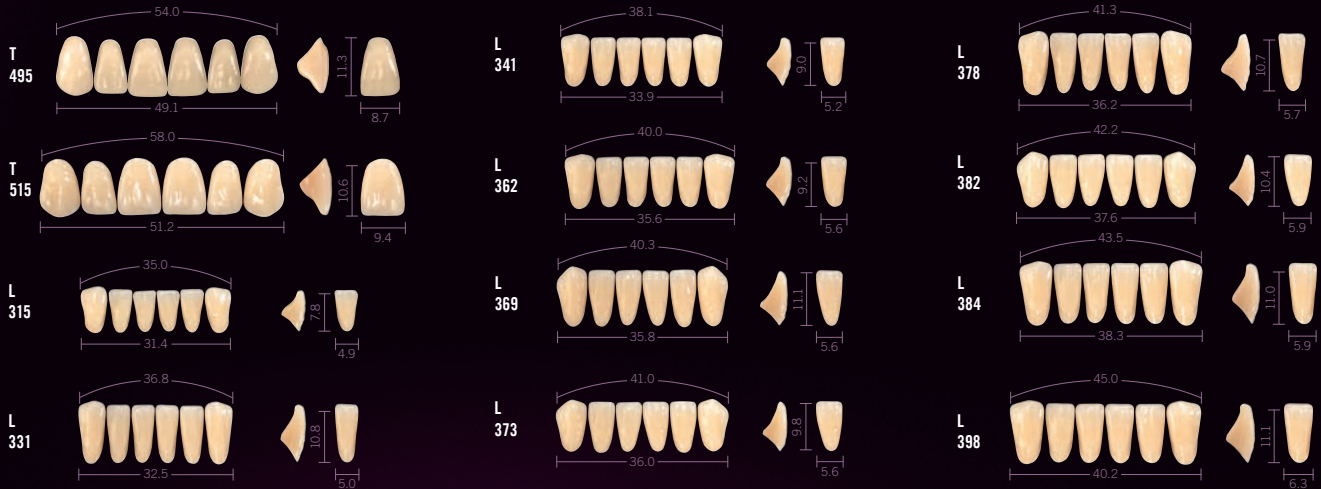


Pala Mix & Match



Mondial 6 Anteriors / Antérieures













Pala Mix & Match











Pala Mix & Match

Mould numbers and possible combinations

The following chart shows the Mondial and Mondial i teeth combinations to illustrate how customized your solutions can be.

	Mondial 6 Upper 	Mondial 6 Lower 	Mondial 8i 5°* & 33° 	Mondial 8 10° & 20° 
 Ovoid Ovoide	O444	L341, L373, L369	S/SL, 33	30, 33
	O457	L369, L362	S/SL + M/ML, 35	32, 35
	O510	L384, L398	L/LL, 37	32, 37
	O525	L398	L/LL, 37	32, 37
 Rectangular Rectangulare	R410	L331, L341	XS/XSL, 31	28, 29, 31
	R420	L331, L341	XS/XSL + S/SL, 31, 33	28, 30, 31, 33
	R449	L362, L369, L373	S/SL + M/ML, 33, 35	30, 32, 33, 35
	R455	L362, L369	S/SL + M/ML, 33, 35	30, 32, 33, 35
	R483	L378, L382	M/ML + L/LL, 35, 37	32, 35, 37
	R520	L384, L398	L/LL, 37	37
 Square Carré	S443	L373, L369	S/SL, 33	30, 33
	S445	L341, L369	S/SL, 33	30, 33
	S451	L362, L369, L373	M/ML + S/SL, 33, 35	33, 35
	S453	L373, L362	S/SL, 33	30, 33
	S502	L384, L398	L/LL, 37	37
	S550	L398	L/LL, 37	37
 Triangular Triangulare	T405	L315	-	28, 29
	T435	L331, L341	XS/XSL + S/SL, 31, 33	31, 33
	T440	L331, L341	XS/XSL + S/SL, 31, 33	31, 33
	T442	L331, L341, L362	XS/XSL + S/SL, 31, 33	28, 30, 31, 33
	T450	L341, L369	S/SL, 33	30, 33
	T452	L341, L369	S/SL, 33	33
	T465	L362, L378	M/ML, 35	32, 35
	T477	L362, L378	M/ML, 35	32, 35
	T495	L378, L382	M/ML + L/LL, 35, 37	35, 37
	T515	L384	L/LL, 35, 37	32, 35, 37

*Please note: Mondial i - 5° teeth have the same moulds as Mondial. There is a point of differentiation in the layering of the tooth and the volume base.

	Mondial 6i Upper 	Mondial 6i Lower 	Mondial 8i 5°* & 33° 	Mondial 8 10° & 20° 
 Ovoid Ovoide	O2	L12, L14	XS/XSL + S/SL, 31, 33	28, 30, 31, 33
	O4	L16, L18, L19	S/SL + M/ML, 35	30, 32, 35
	O6	L19, L20, L22	L/LL, 37	32, 37
 Rectangular Rectangulare	R2	L12	XS/XSL + S/SL, 31, 33	28, 30, 31, 33
	R4	L14, L16	S/SL + M/ML, 33, 35	30, 32, 33, 35
	R6	L18, L19	M/ML + L/LL, 35, 37	32, 35, 37
	R8	L24, L22	L/LL, 37	37
 Square Carré	S2	L14, L16	XS/XSL + S/SL, 31, 33	28, 30, 31, 33
	S4	L18, L19	M/ML, 33, 35	32, 33, 35
	S6	L20, L22	L/LL, 37	32, 37
	S8	L24, L22	L/LL, 37	37
 Triangular Triangulare	T2	L14	XS/XSL + S/SL, 31, 33	28, 30, 31, 33
	T4	L16, L19	S/SL + M/ML, 33, 35	30, 32, 33, 35
	T6	L18, L19	L/LL, 35	32, 35

*Please note: Mondial i - 5° teeth have the same moulds as Mondial. There is a point of differentiation in the layering of the tooth and the volume base.

Mondial Mould Comparison Chart

Kulzer	Dentsply Portrait® IPN®	Ivoclar BlueLine®
R 410	21C, 43D	A41, P15
R 420	21D, 42D, 55D	A44, P1, P2, P14
R 449	12E, 22E, 54F	P17
R 455	12F, 25G, 42F	A66, P5
R 483	12G, 32G, 45H, 62G, 74H, 75G	A37, P11, P8
R 520	21G	A16, A17
S 443	13E, 24F, 32E	A13
S 445	–	P4
S 451	12E	A26
S 453	22G, 21X, 75E	–
S 502	11H	P12
S 550	21J	P18
T 405	22C, 32B	A11
T 435	42D	P3
T 440	21D	P2
T 442	–	–
T 450	–	A12, A42, P7
T 452	22E	P6
T 465	43F	A36, A54, P13, P6
T 477	11G, 42G	A14, P16
T 495	45H	P10
T 515	21E	P12
O 444	31F	–
O 457	55F	A32
O 510	21G	A16
O 525	–	A17
L 315	C, D	–
L 331	E, F, H	A2, A3, A4
L 341	L, N, G	–
L 362	J, M	A5, A6
L 369	O, P	–
L 373	–	–
L 378	I	AL
L 382	S	–
L 384	K1, U	A8
L 398	W	–

Mondial i Mould Comparison Chart

Kulzer	Dentsply Portrait® IPN®	Ivoclar BlueLine®	Phonares®
R 2	42D/22C	A44	S61
R 4	22E	P3	S81
R 6	21E	NM	S72
R 8	21J	P18	B63
S 2	12E	A11	B81
S 4	43F	A24B	B82
S 6	12G	P9	B83
S 8	41J	–	B73
T 2	43F	P13	B61
T 4	32G	P8	B82
T 6	42G	A25	B72
O 2	55D	A12	B61
O 4	55F	A56	S72
O 6	21G	A15	B73
L 12	P	A2L	L50
L 14	M	A5	L51
L 16	K1	A7	L51
L 18	W	A8	L53
L 19	V	A8	–
L 20	K1	A8	L25
L 22	W	NM	L52
L 24	K1	–	L52

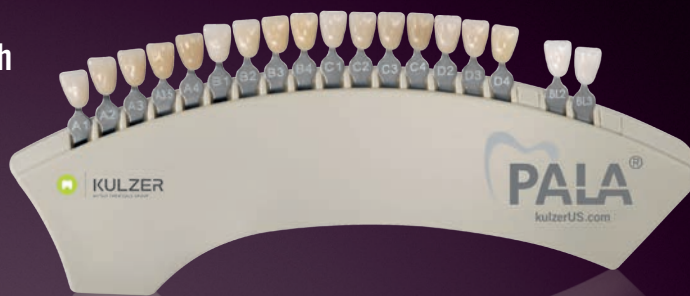
Teeth Shade Conversion Chart

Kulzer Mondial® and Mondial i*	Vita 3D Master	Vita Classic	Vita MFT	Dentsply Portrait® IPN®	Dentsply Bioform® IPN®	Dentsply Bioblend® IPN®	Dentsply Trublend® SLM	Ivoclar Chromoscop	Ivoclar Vivodent-PE	Ivoclar BlueLine®	Ivoclar Phonares®
A1	2M1	A1	A1	P1	B51, B59	100	T9	120	1A	A1	A1
A2	2M2	A2	A2	P2	B53, B59, B62	104	T11	130	2A	A2	A2
A3	3M2	A3	A3	P3	B54, B65	108	T13	140	1C	A3	A3
A3.5	3R2.5	A3.5	A3.5	P3.5	B83, B96	116	T20	230	1E	A3.5	A3.5
A4	4M2	A4	A4	P4	B78, B81, B84, B96	118	T20	340	3E	A4	A4
B1	1M1	B1	B1	P11	B59	100	T22	120	1A	B1	B1
B2	2L1.5	B2	B2	P12	B52, B63, B66, B68, B92	104	T24	120	1A	B2	B2
B3	3L2.5	B3	B3	P13	B55, B56, B64, B65, B67, B77, B95	109	T23	210	2B	B3	B3
B4	3M3	B4	B4	P14	B56, B70, B83, B84	110	T10	320	5B	B4	B4
C1	3M1	C1	C1	P21	B59, B69, B91	102	T6	120	1A	C1	C1
C2	3L1.5	C2	C2	P22	B94	106	T7	430, 440	4B, 6C	C2	C2
C3	4L1.5	C3	C3	P23	B95	–	T8	430, 510	4B, 6D	C3	C3
C4	5M1	C4	C4	P24	B96	–	T3	520	4C	C4	C4
D2	3M1	D2	D2	P32	B92	–	T14	130	2A	D2	D2
D3	3M2	D3	D3	P33	B65, B93	–	T5	410	4A	D3	D3
D4	3L1.5	D4	D4	P34	B69	113	T2	440	6C	D4	D4
BL2	–	–	–	PW4	–	–	–	–	–	O10	–
BL3	–	–	OM3	PW2	–	–	–	–	–	O30	BL3
–	–	–	–	–	–	–	–	–	–	–	BL4

*Kulzer Shades are equivalent to Vita Shades. Mondial® and Mondial i are available in 18 shades (A1–D4 and BL2 and BL3).
Kulzer teeth meet and exceed all the requirements of EN ISO 22112:2006 and ANSI/ADA Specification No. 15-1999.



Pala Mix & Match Shade Guide



Mondial and Mondial i are registered trademarks of Kulzer, GmbH.
Portrait, Bioform, Bioblend, Trublend and IPN are registered trademarks of Dentsply International, Inc.
BlueLine and Phonares are registered trademarks of Ivoclar Vivadent.

High Technology:

Absolutely consistent, high quality every time

- Computer aided development and manufacturing (CAD/CAM) for highest precision
- **The result: Guaranteed identical pairs as well as authentic function and size**

The Patent:

The unrivaled NanoPearls® filler material

- The NanoPearls filler is patented and consists of a unique micro filler combined with a viscoelastic nano filler
- **The result: The highest abrasion resistance and high fracture resistance for a significantly greater lifespan**



The Characteristics:

No bubbles, no porosity – reliability

- The INCOMP manufacturing process ensures bubble and porous free acrylic teeth with extremely high density
- **The result: Reliable and consistent quality in every tooth**

The Durability:

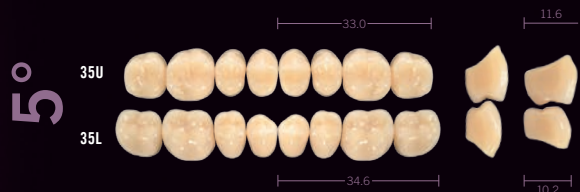
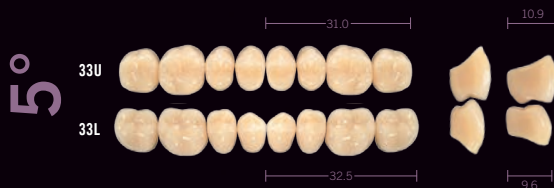
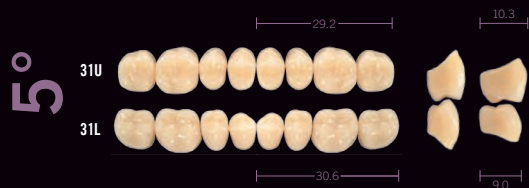
Studies demonstrate abrasion resistance

- Independent studies at Heidelberg University and Charité University Medical Centre in Berlin show that abrasion resistance is 50% higher than in conventional PMMA materials
- **The result: Long-lasting, quality dentures with a 12-year manufacturer's warranty**

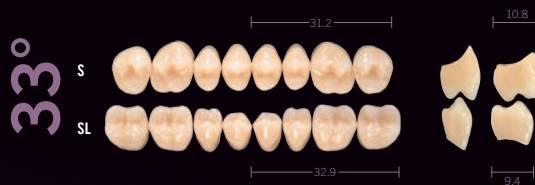
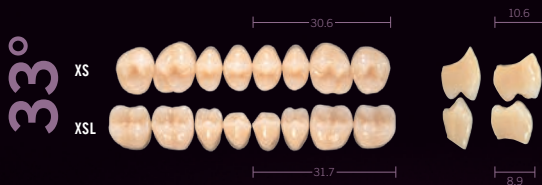
Mondial 8 Posteriors / Postérieures



Mondial 8i Posteriors / Postérieures



Mondial 8i Posteriors / Postérieures





myerson special... bring only the best

Myerson provides a premium denture solution with Myerson Special® teeth that meet the profession's highest standard in denture aesthetics. Myerson Special teeth come in an extensive selection of personalized moulds and all 16 A-D shades.

Myerson Special Aesthetic Advantages

- Natural fluorescence: consistent shade values under any light conditions.
- Natural translucency and surface luster: harmonious with adjacent natural teeth.
- Natural labial carvings: perfectly suited for partial dentures

Characterizing features are individually added by hand to simulate the appearance of natural dentition. Colors and special effects come from the tooth rather than on the surface, which means that the teeth can be modified without affecting the shade. The result is a look that will satisfy even the most discerning patient.



**We make the teeth
that make the smile.**

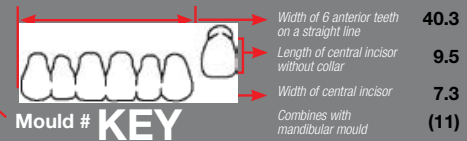
myerson SPECIAL MAXILLARY ANTERIOR TEETH



MYERSON SPECIAL

A2 △			40.3 9.5 7.3 (11)
A4 △			41.4 9.6 7.6 (7)
A7 △			43.5 9.9 7.9 (7)
A9 △			44.5 10.5 8.0 (8)
A11 △			48.0 11.1 8.8 (14)
A13 △			50.3 12.9 9.3 (16)
A43 □			43.2 9.2 7.9 (12)
A44 □			45.0 9.9 8.3 (13)
A52 □			45.8 10.4 8.3 (13)
A53 □			47.0 11.4 8.6 (16)

A64 □			47.0 9.7 8.6 (A71)
A72 □			49.0 10.4 9.1 (A73)
YM3 □			41.5 9.4 7.9 (11)
YM5 □			43.5 10.4 8.2 (8)
YW3 △			45.5 10.2 8.6 (13)
YW5 △			46.8 11.2 8.9 (14)
A2 △			40.3 9.5 7.3 (11)







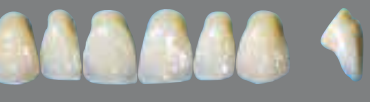
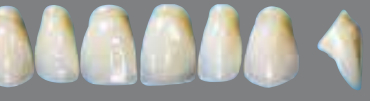


all measurements in millimeters

Mould Variety
Myerson Special teeth are available in a wide variety of types and forms that make it possible to customize dentures to conform to the personal characteristics and facial features of most patients.


Maxillary Anterior Moulds
Myerson anterior teeth are categorized into three mould types.

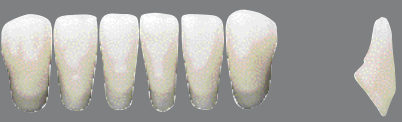










- 1. A or Aesthetic Moulds**
 - Slender forms with excellent balance between ridge lap & bite
 - Subtle labial carving and lifelike blending
- 2. Y or Youthful Moulds**
 - These are similar to A moulds in aesthetic concept except that they have a shorter ridge lap
 - Beautiful sculpting with a vigorous youthful look
 - Longer more youthful lingual line
 - Fewer striations and age related effects than P moulds
- 3. P or Prime Moulds**
 - Designed for older patients
 - Shorter, less sloping ridge laps to help butting the ridge in partial and immediate dentures
 - Excellent carvings with more pronounced age characteristics, ruggedness and curvature

MAXILLARY

PM2		41.8 9.0 7.8 (11)
PM4		43.8 10.0 8.1 (12)
PM6		45.8 11.0 8.4 (13)
PM8		47.2 12.0 8.7 (14)
PW2		46.4 9.8 8.5 (13)
PW4		47.8 10.8 8.8 (A73)
PW6		48.5 11.8 9.1 (16)
PW8		50.0 12.8 9.2 (16)

MANDIBULAR

3		29.2 9.0 4.4
7		32.0 9.1 4.6

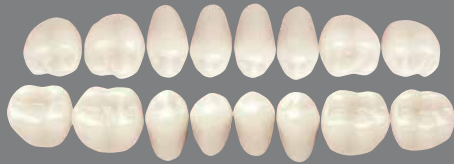
8		33.1 9.8 5.0
10		34.3 10.1 5.2
11		31.0 8.5 4.4
12		32.9 8.5 4.6
13		34.7 9.8 5.1
14		34.9 10.8 5.1
16		36.7 11.1 5.6
17		36.8 12.3 5.6
A63		34.7 8.0 5.4
A71		35.0 9.0 5.2
A73		36.5 9.0 5.5

myerson DB PLUS

30 DEGREE POSTERIOR TEETH

31

31.3 33.9

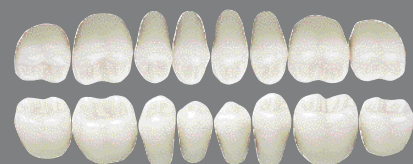


L30

28.8 30.2



9.10 9.15



33

31.8 35.7



9.60 9.82

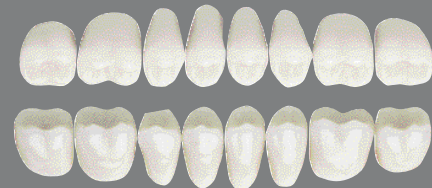


L32

31.2 31.1



9.15 9.15

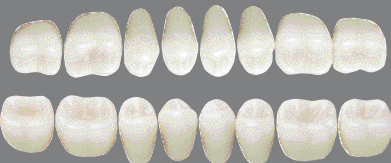


S30

28.5 29.4



9.12 8.53



X34

33.0 35.8



9.94 9.74

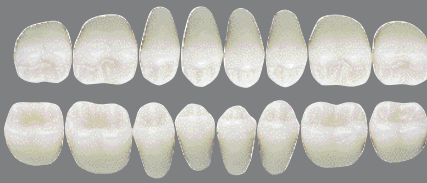


S32

31.6 32.0



9.54 9.09



BICUSPIDS ONLY

X36

15.7
*Width of 2



9.50 10.15



myerson

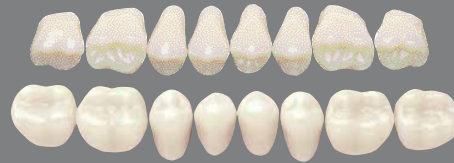
LINGUALIZED INTEGRATION

MC

31.2 32.3



9.30 8.50

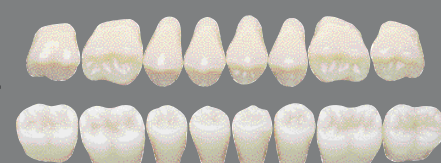


CC

30.9 32.3



9.10 8.50



**We make the teeth
that make the smile.**

With 95 years of service to the denture profession, **myerson** can help you make every denture case a successful one. Use **myerson** made teeth on your next complete or partial denture case and you'll join the growing number of dental professionals who have placed their trust in **myerson**.

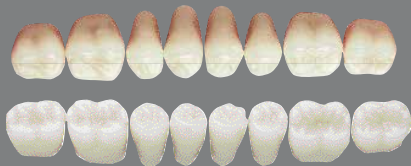
myerson DB PLUS

0 DEGREE

29

29.0 30.5

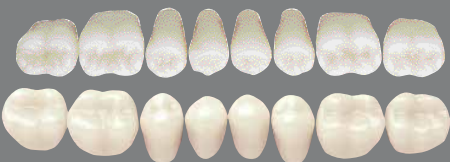
7.10 7.85



31

30.5 32.3

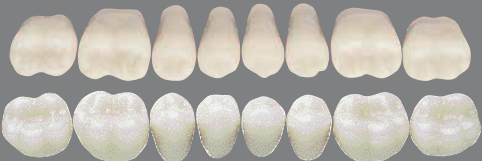
7.55 8.50



33

32.8 34.9

8.02 8.74

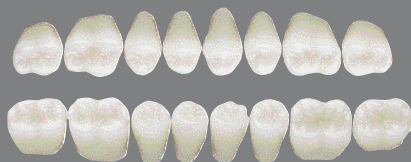


F-10

F29

28.6 31.6

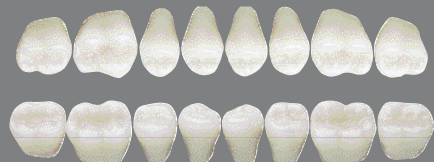
8.36 7.48



F31

31.0 31.8

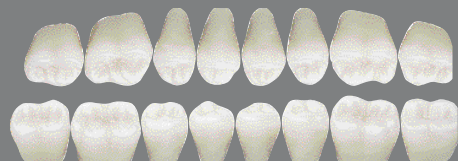
9.19 8.37



F33

32.8 34.3

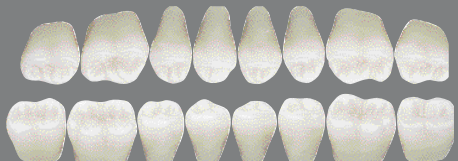
9.62 9.09



F35

36.5 37.5

10.8 9.62



20 DEGREE

29M

29.0 31.6

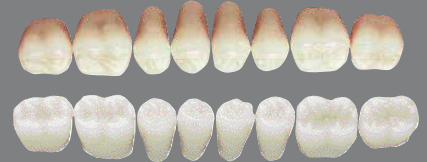
8.10 8.85



29L

29.0 31.4

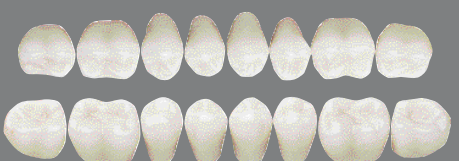
8.85 8.70



31M

31.4 31.6

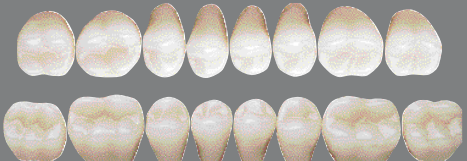
8.10 9.10



31L

31.8 34.8

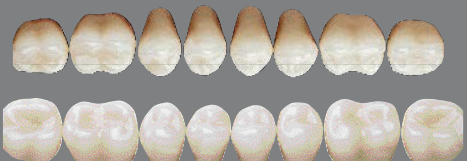
9.55 9.25



33M

33.1 35.8

8.35 9.40

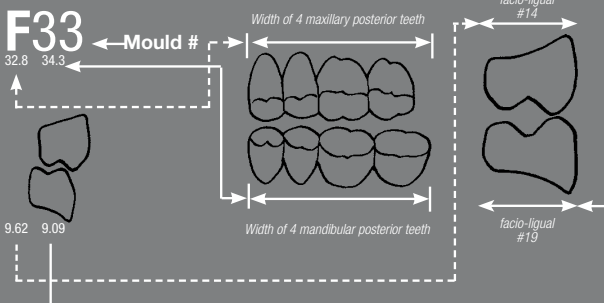


KEY

F33

32.8 34.3

9.62 9.09



myerson teeth mirror the beauty & strength of natural teeth.

Approximal stains Strong surface relief Enamel striation Darker neck of tooth



Myerson Special Anterior teeth are made with Myerson's time-proven "Durablend" formula, dentistry's original highly cross-linked copolymer resin, providing excellent resistance to wear and fracture.

Myerson Special anterior teeth are virtually indistinguishable from natural teeth, thanks to their "enamelescence" - opalescence and translucence combined, just as nature does in human enamel.

Myerson Special anterior teeth combine with Myerson DB Plus composite posterior teeth, in which our Durablend resin is reinforced with sub-micron silica, further enhancing their hardness and resistance to wear.

Composite filling Decalcification Translucent incisal areas Darker canine teeth.

COMBINATION CHART

MAXILLARY ANTERIOR MOULD	ARTICULATES WITH MANDIBULAR MOULD	COMBINES WITH DB PLUS 0 POSTERIOR MOULD	COMBINES WITH DB PLUS F-10 POSTERIOR MOULD	COMBINES WITH DB PLUS 20 POSTERIOR MOULD	COMBINES WITH DB PLUS 30 POSTERIOR MOULD
A2	11	29	F29	29M or 29L	S30, L30 or 31
A4	7	29	F29	29M or 29L	S30, L30 or 31
A7	7	31	F31	31M or 31L	S32, L32 or 33
A9	8	31	F31	31M or 31L	S32, L32 or 33
A11	14	33	F33	33M	33 or X34
A13	16	33	F33	33M	33 or X34
A43	12	29	F29	29M or 29L	S30, L30 or 31
A44	13	31	F31	31M or 31L	S32, L32 or 33
A52	13	33	F33	33M	33 or X34
A53	16	33	F33	33M	33 or X34
A64	A71	33	F33	33M	33 or X34
A72	A73	33	F33	33M	33 or X34
YM3	11	29	F29	29M or 29L	S30, L30 or 31
YM5	8	31	F31	31M or 31L	S32, L32 or 33
YW3	13	31	F31	31M or 31L	S32, L32 or 33
YW5	14	31	F31	31M or 31L	S32, L32 or 33
PM2	11	29	F29	29M or 29L	S30, L30 or 31
PM4	12	31	F31	31M or 31L	S32, L32 or 33
PM6	13	31	F31	31M or 31L	S32, L32 or 33
PM8	14	33	F33	33M	33 or X34
PW2	13	31	F31	31M or 31L	S32, L32 or 33
PW4	A73	33	F33	33M	33 or X34
PW6	16	33	F33	33M	33 or X34
PW8	16	33	F33	33M	33 or X34

myerson DB Plus mould chart

myerson[®]
1917 | 2017 100 Years

**We make the teeth
that make the smile.**

DB Plus COMPOSITE POSTERIOR TEETH
DB Plus COMPOSITE POSTÉRIEURES

20° COMPOSITE POSTERIOR TEETH
20° COMPOSITE POSTÉRIEURES

29M/L
 29.0-31.6/29.0-31.4
 8.10-8.65/8.65-8.70

33M
 33.1 35.6
 8.35 9.40

31M/L
 31.4-31.6/31.8-34.8
 8.10-9.10/9.55-9.25

POSTERIOR KEY
LÉGENDE DE DENTS POSTÉRIEURES

F33
 32.8 34.3
 9.62 9.09

Mould # Dents

Width of 4 Maxillary Posterior Teeth
 Largeur de 4 Maxillaire Supérieure Postérieures

Width of 4 Mandibular Posterior Teeth
 Largeur de 4 Maxillaire Inférieure Postérieures

Isio-lingual #14

Isio-lingual #19

30° COMPOSITE POSTERIOR TEETH
30° COMPOSITE POSTÉRIEURES

S30
 28.5 29.4
 9.12 8.53

31
 31.3 33.8
 9.50 10.15

L30
 28.6 30.2
 9.10 9.15

33
 31.8 35.7
 9.60 9.82

S32
 31.6 32.0
 9.54 9.09

X34
 33.0 35.8
 9.94 9.74

L32
 31.2 31.1
 9.15 9.15

X36
 15.7 *
 * Width of 2

DB Plus RESIN ANTERIOR TEETH • MAXILLARY
 DB Plus RÉSINE ANTERIEURES • DU MAXILLAIRE SUPÉRIEUR

OID
 EN FORME DE PELLE

TAPERING
 TRIANGULAIRE

O40 

39.7
8.5
7.0
(L1)

T40 

40.3
9.5
7.3
(L1)

O45 

41.5
9.4
7.9
(L1)

T43 

41.4
9.6
7.6
(L3)

O52 

42.4
8.7
7.8
(L1)

T53 

42.8
9.9
7.9
(L3)

O55 

43.1
9.4
8.0
(L8)

T54 

43.1
9.9
7.7
(L5)

O65 

45.0
9.9
8.3
(L9)

T63 

44.5
10.5
8.0
(L6)

O75 

46.8
11.1
8.7
(L13)

T76 

46.9
10.3
8.5
(L11)

O80 

47.3
10.9
8.8
(L13)

T81 

48.0
11.1
8.8
(L9)

O89 

49.0
11.3
8.6
(L13)

T90 

49.4
12.4
9.3
(L15)

O99 


51.5
12.1
9.4
(L16)

TOOTH SHAPE KEY

LÉGENDE DE FORMES DES DENTS

O OID EN FORME DE PELLE	T TAPERING TRIANGULAIRE	S SQUARE CARRÉ	R RECTANGULAR RECTANGULAIRE
--------------------------------------	--------------------------------------	-----------------------------	--

ANTERIOR KEY
 LÉGENDE DE DENTS ANTERIEURES

R91 

Width of 6 Anterior Teeth on a straight line Largeur de 6 dents antérieures sur une ligne droite	→	50.3
Length of Central Incisor without collar Longueur de l'incisive centrale sans collet	→	12.1
Width of Central Incisor Largeur de l'incisive centrale	→	9.3
Combinés «Mandibular mould» Se combine avec les dents inférieures	→	(L15)

*All measurements in millimeters
*Toutes dimensions en millimètres

DB Plus RESIN ANTERIOR TEETH • MAXILLARY
DB Plus RÉSINE ANTÉRIEURES • DU MAXILLAIRE SUPÉRIEUR

**RECTANGULAR
RECTANGULAIRE**

R40		39.5
		9.6
		7.0
		(L1)

R41		40.5
		9.7
		7.2
		(L1)

R58		43.5
		9.9
		7.9
		(L3)

R61		43.8
		10.0
		8.1
		(L5)

R69		45.8
		10.4
		8.3
		(L9)

R78		47.0
		11.4
		8.6
		(L15)

R88		49.0
		10.4
		9.1
		(L13)

R91		50.3
		12.9
		9.3
		(L15)

DB Plus RESIN ANTERIOR TEETH • MANDIBULAR

L1		31.0
		8.5
		4.4

L3		32.0
		9.1
		4.6

**SQUARE
CARRÉ**

S45		41.5
		8.7
		7.4
		(L1)

S56		43.2
		9.2
		7.9
		(L5)

S65		45.0
		10.6
		8.1
		(L7)

S67		45.4
		9.6
		8.2
		(L7)

S71		46.2
		10.1
		8.4
		(L11)

S79		47.0
		9.2
		9.1
		(L13)

S83		48.2
		10.2
		8.8
		(L13)

S98		51.4
		10.5
		9.5
		(L13)

DB Plus. RÉSINE ANTÉRIEURES • DU MAXILLAIRE INFÉRIEUR

L5		32.9
		8.5
		4.6

L6		33.1
		9.8
		5.0

DB Plus RESIN ANTERIOR TEETH • MANDIBULAR
DB Plus RÉSINE ANTÉRIEURES • DU MAXILLAIRE INFÉRIEUR

L7  

33.6
9.9
4.9

L13  

36.4
9.0
5.5

L8  

33.7
8.5
4.6

L15  

36.7
11.1
5.6

L9  

34.7
9.8
5.1

L16  

40.0
10.5
5.9

L11  

35.0
9.0
5.2

DB Plus COMPOSITE POSTERIOR TEETH
DB Plus COMPOSITE POSTÉRIEURES

0° COMPOSITE POSTERIOR TEETH • 0° COMPOSITE POSTÉRIEURES

29  

29.0	30.5
7.10	7.85

F29  

28.6	31.6
8.36	7.48

31  

30.5	32.3
7.55	8.50

F31  

31.0	31.8
9.19	8.37

33  

32.8	34.9
8.02	8.74

F33  

32.8	34.3
9.62	9.09

F35  

36.5	37.5
10.8	9.62



db plus COMBINATION CHART

MAXILLARY ANTERIOR MOULD	ARTICULATES WITH MANDIBULAR MOULD	COMBINES WITH 0° POSTERIOR MOULD	COMBINES WITH F-10 POSTERIOR MOULD	COMBINES WITH 20° POSTERIOR MOULD	COMBINES WITH 30° POSTERIOR MOULD
O40	L1	29	F29	29M or 29L	S30/L30/31
O45	L1	29	F29	29M or 29L	S30/L30/31
O52	L1	29	F29	29M or 29L	S30/L30/31
O55	L8	29	F29	29M or 29L	S30/L30/31
O65	L9	31	F31	31M or 31L	S32/L32/33
O75	L13	31	F31	31M or 31L	S32/L32/33
O80	L13	33	F33	33M	33/X34
O89	L13	33	F33	33M	33/X34
O99	L16	33	F33	33M	33/X34
T40	L1	29	F29	29M or 29L	S30/L30/31
T43	L3	29	F29	29M or 29L	S30/L30/31
T53	L3	29	F29	29M or 29L	S30/L30/31
T54	L5	29	F29	29M or 29L	S30/L30/31
T63	L6	31	F31	31M or 31L	S32/L32/33
T76	L11	31	F31	31M or 31L	S32/L32/33
T81	L9	33	F33	33M	33/X34
T90	L15	33	F33	33M	33/X34
R40	L1	29	F29	29M or 29L	S30/L30/31
R41	L1	29	F29	29M or 29L	S30/L30/31
R58	L3	31	F31	31M or 31L	S32/L32/33
R61	L5	31	F31	31M or 31L	S32/L32/33
R69	L9	33	F33	33M	33/X34
R78	L15	33	F33	33M	33/X34
R88	L13	33	F33	33M	33/X34
R91	L15	33	F33	33M	33/X34
S45	L1	29	F29	29M or 29L	S30/L30/31
S56	L5	29	F29	29M or 29L	S30/L30/31
S65	L7	31	F31	31M or 31L	S32/L32/33
S67	L7	31	F31	31M or 31L	S32/L32/33
S71	L11	31	F31	31M or 31L	S32/L32/33
S79	L13	31	F31	31M or 31L	S32/L32/33
S83	L13	33	F33	33M	33/X34
S98	L13	33	F33	33M	33/X34



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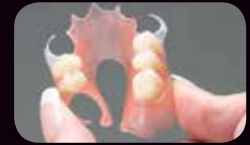
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enigma the teeth behind natural looking cosmetic dentures

- **Enigma** teeth enable you to provide your patients with natural cosmetic dentures.
- Their greater opalescence reproduces the appearance of natural teeth.
- Subtle mamelon effects and demineralisation points add vitality.
- Darker and longer necks enable you to match in with partials.
- **Enigma** - the most cosmetic teeth on the world market today.
- CE marked and manufactured under ISO 9001 quality standard, and in accordance with EN ISO 22112 standard for artificial teeth and ANSI/ADA specification number 15.
- **Enigma** teeth are provided in the 16 standard shades A1-D4 in every mould as well as the new Hollywood shade HBO, which reproduces bleached teeth whilst still retaining the **Enigma** vitality. The same vitality can be found across the whole **Enigma** shade range with even the very light shades A1 and B1 containing subtle variations in colour and translucency.
- Superior physical properties - see Technical Brochure.

Enigma anteriors are also available in pairs. In the natural dentition, canine teeth often appear darker than - or of a different shade to - neighbouring centrals and laterals. To reproduce this using other brands often requires buying two sets and wasting one of them. With **Enigma** teeth you simply order exactly what you need from the wide range available.



(Note: for a completely natural appearance, **Enigma** teeth should be used with **Enigma** High-Base and **Enigma** Colour Tone).

As patients become more aware of the cosmetic appearance of their teeth, the demand for dentures with an improved natural cosmetic appearance becomes greater. Nowadays it is no longer necessary for them to look false and the dental team can provide their patients with highly attractive and cosmetic dentures allowing them to look good, whilst feeling confident and attractive. The following are some of the reasons why **Enigma** teeth are the most cosmetic teeth on the world market today.

Look at someone in their late twenties or thirties with very good teeth of their own and observe them when they turn their head. You'll see that the upper front teeth are not all the same colour and translucency. The laterals are lighter and appear more opalescent than the centrals and the canines are darker than either.

Look again at the centrals and you may see two very slight fingers of translucency, or mamelons, coming off the incisal edge. These beautiful and subtle effects, formed in natural teeth during development, break up the light and add character to the teeth. Frequently the necks of teeth or the central lobes are darker and their effect changes as the person turns their head. The untrained eye does not consciously register this amount of detail. However when it sees someone with dentures the brain registers that something is missing. The incorporation of this detail is what makes an **Enigma** denture the true cosmetic option.



Enigma Chairside Assortments are living mould guides from which you can help your patients choose the moulds that suit them best.



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Upper Anterior Teeth

D TAPERED				K TAPERED			
D36	44.0	10.1	8.1	K21	40.2	9.4	7.5
D56	44.6	10.0	8.3	K22	43.0	9.6	7.9
D66	44.5	10.1	8.2	K24B	43.8	10.6	8.5
D67	45.0	9.7	8.4	K25	47.4	10.5	8.9
D76	45.7	10.4	8.3	K27	49.2	10.9	9.1
D77	46.3	10.5	8.6	K41	42.7	9.8	8.2
D88	46.9	10.6	8.7	K42	44.3	9.6	8.0
D99	48.3	10.9	9.1				

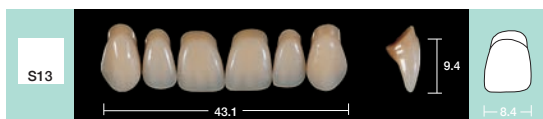


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Upper Anterior Teeth

S SQUARE



O OVAL



Suggested Combinations

Centrals/Laterals	Canine
A1	A2
A2	A3
A3	A3.5
A4	B4
B1	B2
B2	B3
B3	B4
C2	D3
D2	D3



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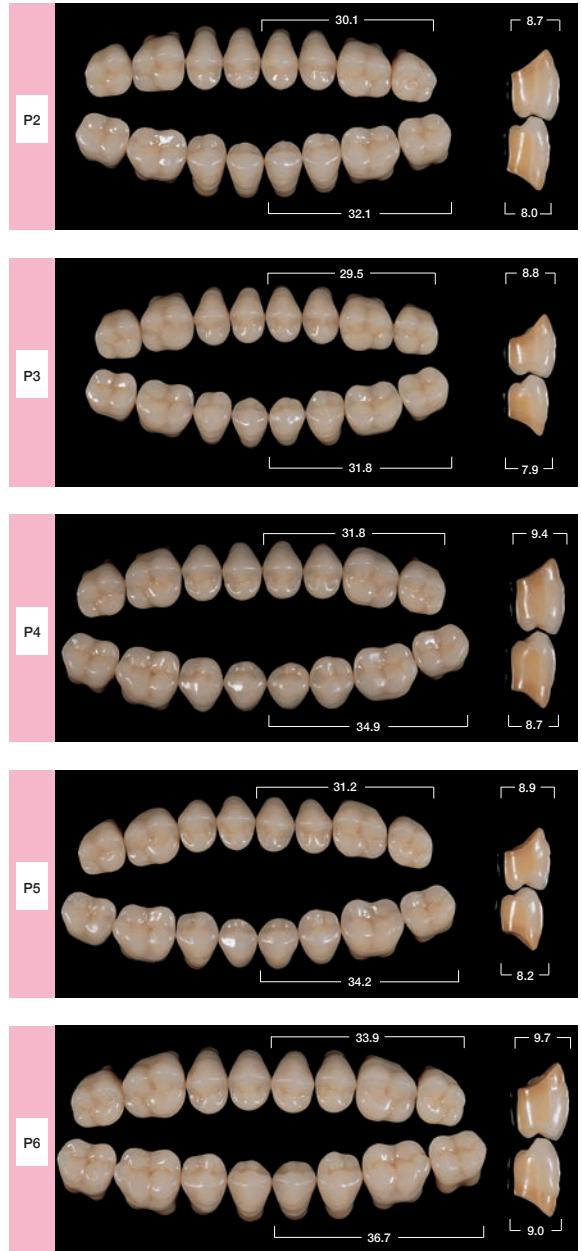
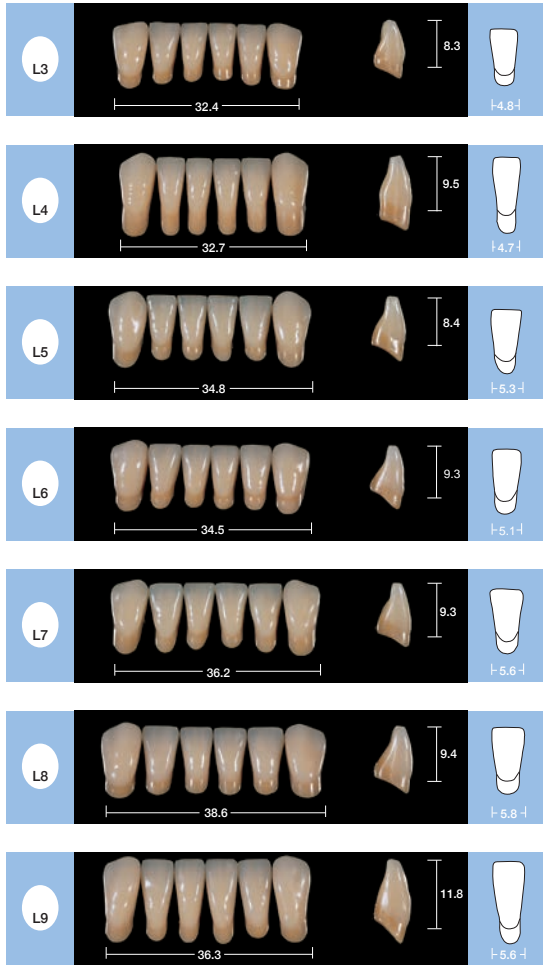
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Lower Anterior Teeth

Posterior Teeth

LOWER

POSTERIOR



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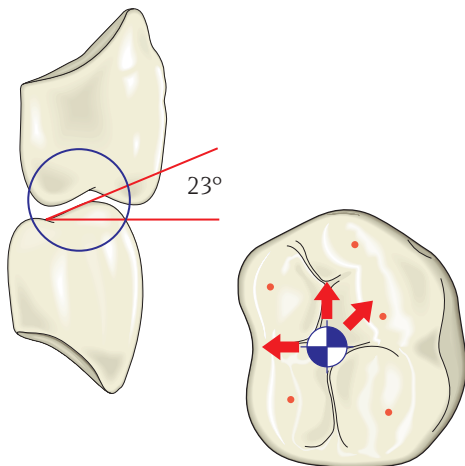
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Impressive Array of Natural Cosmetic Options

Combination Tables

Anterior Teeth		Posterior Teeth
Upper	Lower	
S11	L3	P3
S12	L5	P3
S13	L5	P3/P5
S14	L6	P5
S15	L8	P4
S17	L9	P6
S66	L5	P5
K21	L3	P3
K22	L3	P3/P5
K24B	L4	P2
K25	L8	P4
K27	L8	P4
K41	L3	P3/P5
K42	L5	P3/P5
O31	L3	P3
O32	L3	P3/P5
O34	L5	P5
O36	L7	P5
O54	L5	P5
D36	L6	P3/P5
D56	L5	P5
D66	L5	P5
D67	L5	P5
D76	L7	P5
D77	L7	P4/P5
D88	L7	P4/P5
D99	L8	P4

Instructions for obtaining optimum results are available from us on request.



Posterior Teeth P2-P6 Function and Design

The importance of correct function cannot be overstated. Well defined points of initial contact between working cusps and fossae as well as defined excursive pathways between the opposing cusps ensure a stable denture and efficient mastication.

Enigma posteriors have been designed with a 23° cuspal angle and comply with the above principles of occlusion. A well defined mastication zone and reduced lingual cusps increase tongue space and lower the occlusal forces.



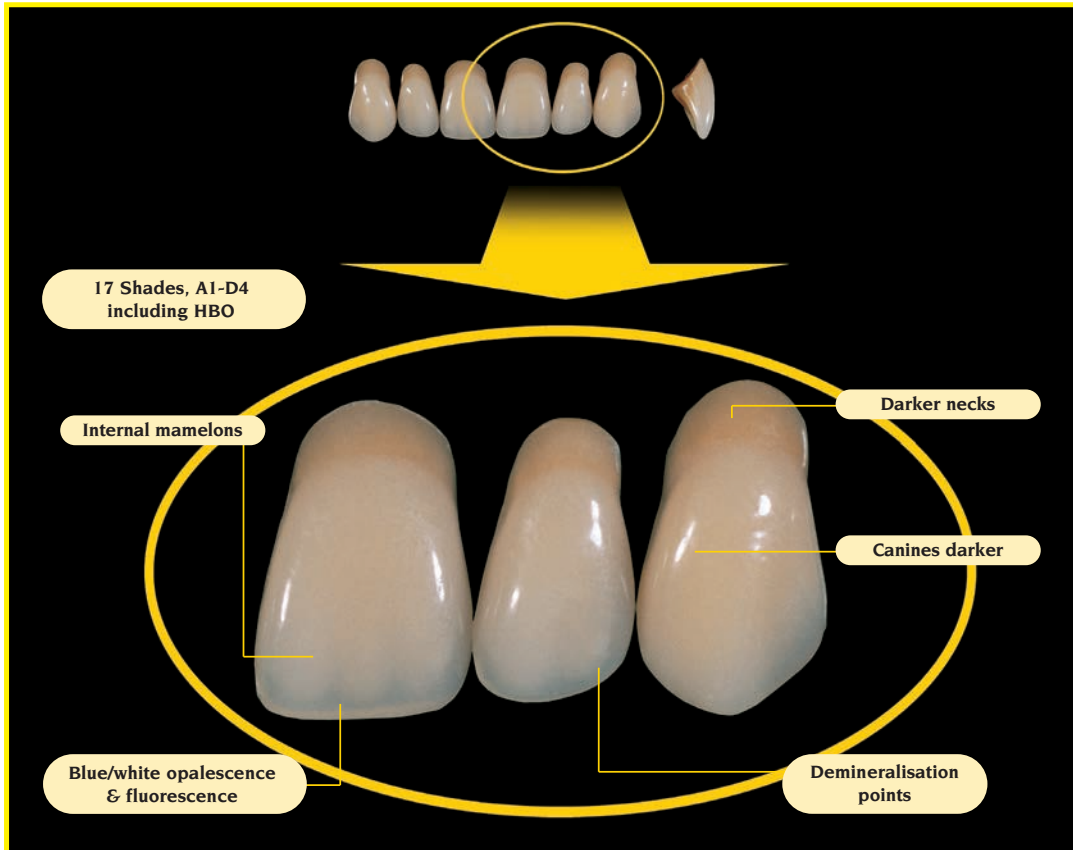
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Unique Enigma Characteristics

Natural colour blending in Enigma teeth

The **Enigma** system uses advanced tooling and precise computer-control of multiple colour layers to reproduce the colour variations found in natural teeth. The photo below shows some of the features that help **Enigma** teeth appear so alive and real.



- **Subtle mamelon effect**
In both upper and lower centrals giving an appearance of depth.
- **Translucent incisal edges**
In both centrals and laterals.
- **Greater opalescence of laterals**
To add vitality and make the mouth appear more three dimensional.
- **Demineralisation points**
Placed in some of the teeth out of every set to break up the uniformity.
- **Darker necks**
As the root of a natural tooth is darker than its crown so the neck of an Enigma tooth contrasts with its body.
- **Longer necks**
Many of the tooth moulds have necks which are longer and more naturally tapered than many denture teeth, allowing the simulation of gingival recession necessary to match adjacent natural teeth in partial denture wearers.



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