



1-800-496-9500
www.zahndental.com



Zahn Dental | Removable Prosthetic Teeth Resource Guide



**Removable
Prosthetic Teeth**
Resource Guide
2019-2020

2019-2020 Edition

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



World's Largest Distributor of Removable Prosthetic Teeth



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Prosthetic Teeth Delivered *When You Need Them*



Anteriors..... 1x6
Posteriors..... 1x8

Image APN®

- ▶ Image APN® offers outstanding aesthetics, wear resistance, and vitality, making them ideal for premium dentures
- ▶ Three-layer anterior and posterior moulds
- ▶ Leading U.S. university wear study available on request
- ▶ Now offering a 10-year warranty



Anteriors..... 1x6
Posteriors..... 1x8

Dual Form V® Acrylic Teeth

- ▶ Cross-linked, two-layer resin teeth
- ▶ Available in all 16 A-D shades plus two white shades
- ▶ Available in 42 of the most popular Bioform®/New Hue® anterior moulds along with 34 posterior moulds



Anteriors..... Set of 6
Posteriors..... Set of 8

Maxima®

- ▶ Four chromatic layers
- ▶ Two European shade systems and European posterior articulation
- ▶ MZ1 0° posterior
- ▶ Lower cross and normal occlusion
- ▶ Reduced reticulation at the tooth base for a secure union with the prosthetic material



Anteriors..... Set of 6
Posteriors..... Set of 8

Z-Dent™

- The variety of moulds and shades of Z-Dent two-layer acrylic teeth provides the solution for most prosthetic cases.
- ▶ Two chromatic layers
- ▶ Posteriors of 0°, 10°, 20°, and 33°
- ▶ Cross-linked



Anteriors..... 1x6
Posteriors..... 1x8

New Shade Plus®

- ▶ Cross-linked, two-layer resin teeth
- ▶ Available in New Hue® shade 59-81, including white shade
- ▶ Available in 48 anterior and 36 posterior moulds
- ▶ An economical tooth with the added advantage of the most popular American moulds and shades

*Same-day shipping on any order
placed by 3:00pm in your time zone.*

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).

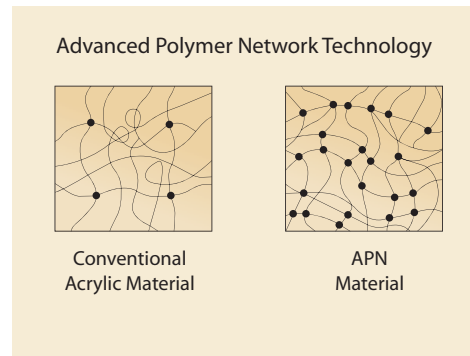


Image APN® teeth have been a staple in the marketplace since 2003. These premium denture teeth are backed by a 10-year warranty.



3 Three chromatic layers

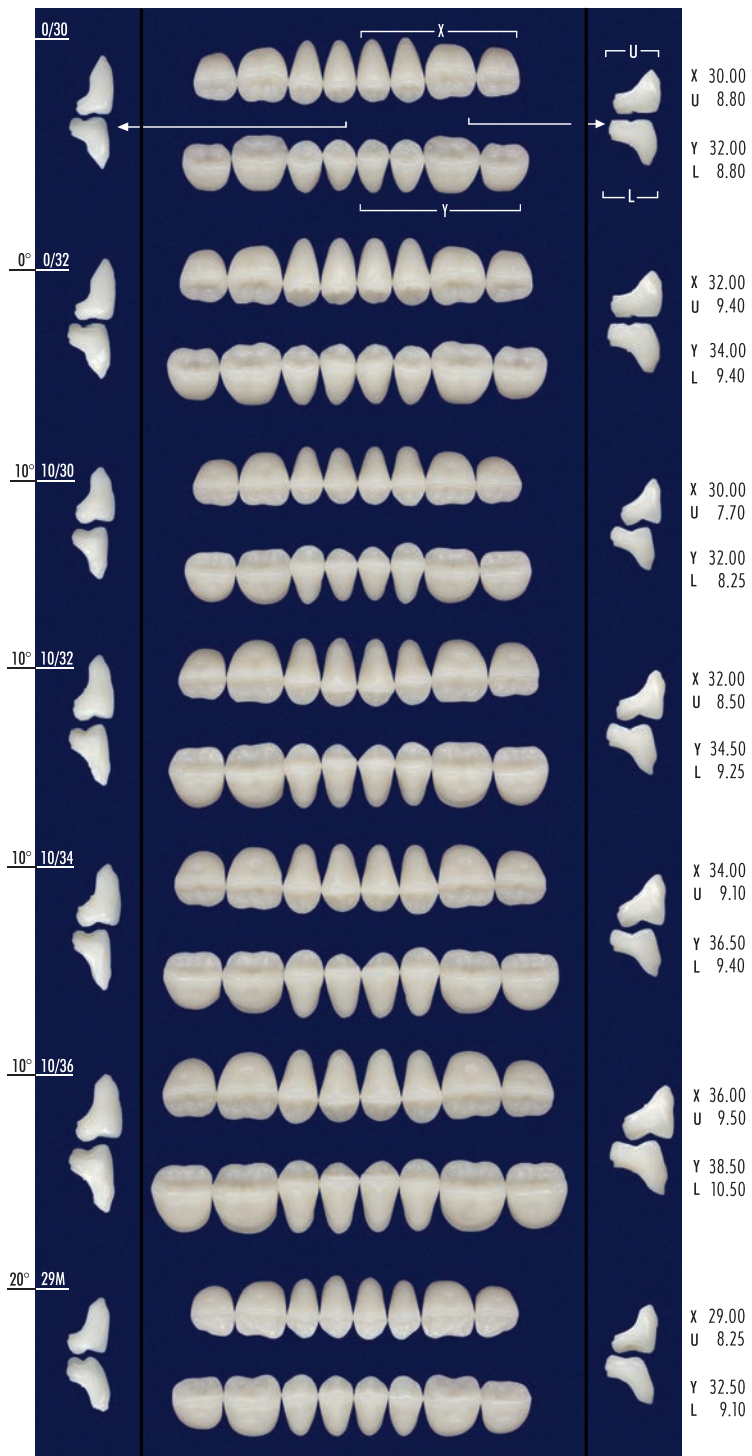
- x The average width of a 1x4 set of upper posteriors
- u The average depth of the upper left first molar
- y The average width of a 1x4 set of lower posteriors
- l The average depth of the lower left first molar

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° 30L		Y 37.00 L 10.25
33° 32M		X 33.00 U 9.25
33° 32L		Y 33.00 L 8.50
33° 30M		X 30.00 U 8.10
33° 32M		Y 32.50 L 8.50
33° 32L		X 32.00 U 8.50
33° 30L		Y 34.50 L 9.00
33° 32M		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

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

Image APN® Lower Anteriors

LC1	C	A 9.00 B 4.90 C 35.00/31.50
LE2	A B	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

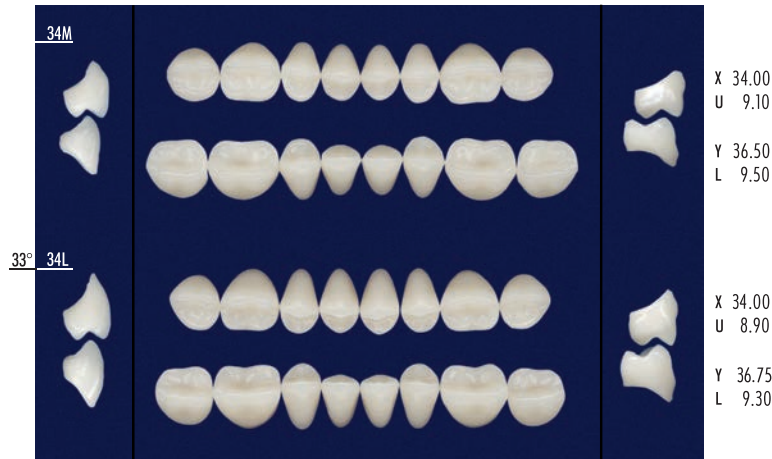


To order call: 1-800-496-9500

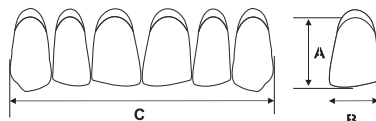
Image APN® Upper Anteriors

Code	Category	Measurements (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

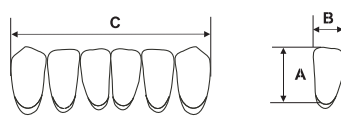
3 Three chromatic layers



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



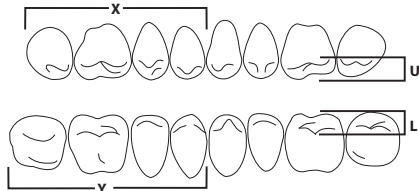
Mould LE22 A=10.75 B=8.50 C=49.00/45.00



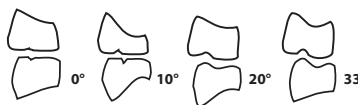
Mould LH4 A = 9.10 B=4.9 C= 36.50/32.00

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



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

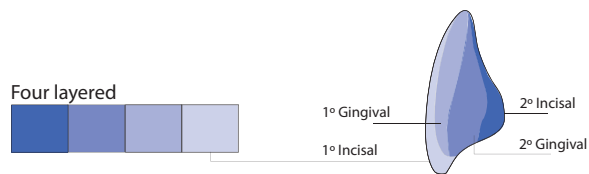
References

- 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

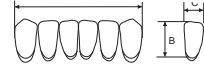
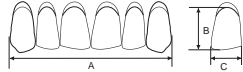
**Vita is a trademark of VitaZahnfabrik GmbH

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.



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



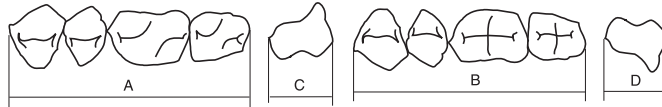
ML6

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

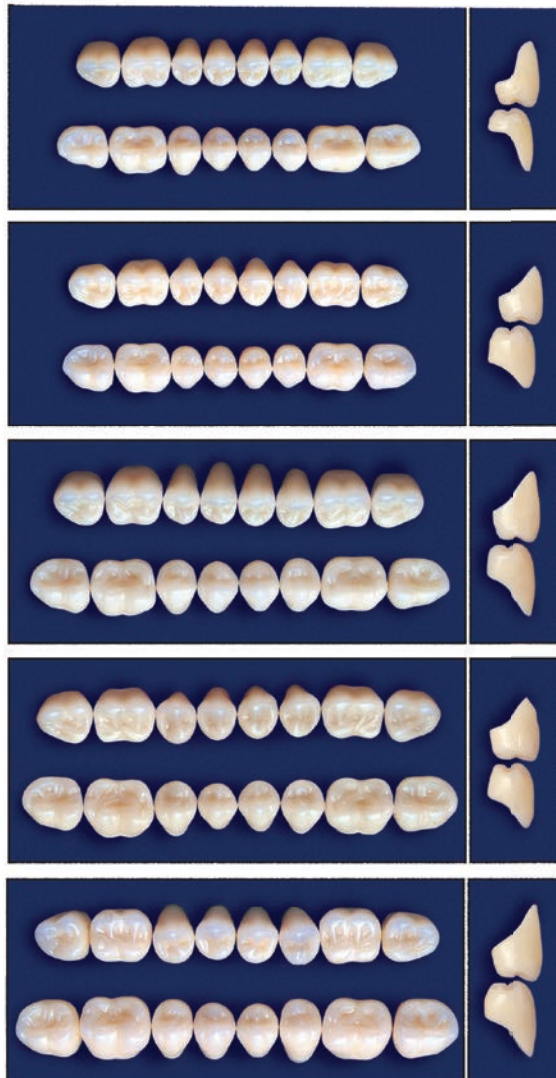
POSTERIOIRS



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**

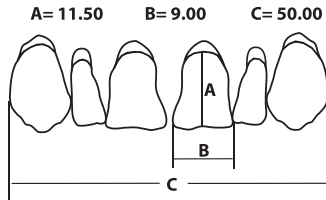
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for non-premium
dentures**

**ISO registered
manufacturer
and supplier**



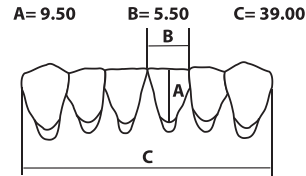
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Examples



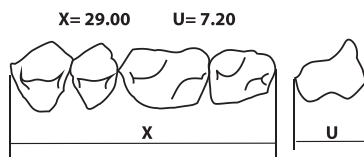
Mould L11

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



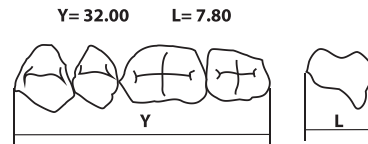
Mould L11

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



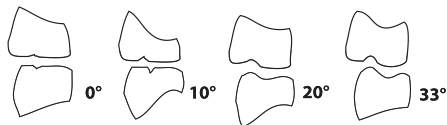
Mould 29M

- 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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HENRY SCHEIN INC.

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Melville, NY 11747 USA

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

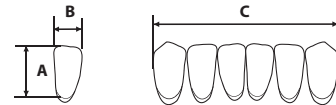
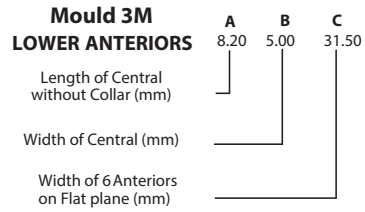
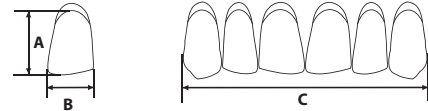
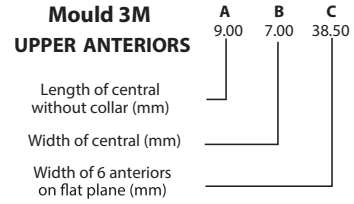
ANTERIORS	0°	10°2	0°	30°
3P	31Z	33F	33M	34M
L22	31Z	32F	29L	30M
2P	31Z	33F	31L	30M
266	31Z	33F	33M	34L
267	31Z	33F	33L	34L

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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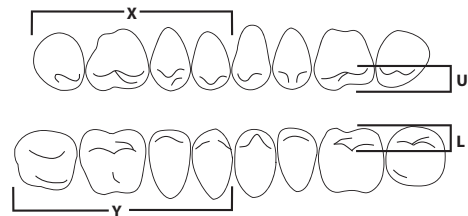
POSTERIORIORS

	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	

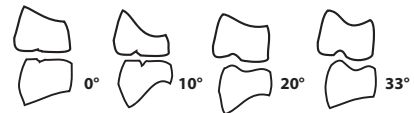


The average width of a 1x4 set of upper posteriors = X
the lower posteriors = Y

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
		9.50	5.00	34.00			8.80	5.00	34.00
	136	10.20	9.00	48.40		A25	9.50	8.50	46.00
		9.30	5.50	37.50			9.50	5.50	34.00
	L12	10.50	8.50	45.50		A26	9.80	9.00	47.00
		9.00	5.25	34.00			8.50	5.50	
	L11	11.50	9.00	50.00		264	10.80	8.00	45.00
		9.50	5.50	39.00			10.00	6.00	38.00
	1H	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



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BRAND PRODUCTS

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Vertrieb durch:/Distribuito da:

HENRY SCHEIN INC.
135 Duryea Road
Melville, NY 11747 USA

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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- Repairable and rebasable
- Exceptional memory

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- As simple as acrylic to finish and polish
- No shrinkage - exceptional fit
- Minimal water absorption
- Easy to repair, rebase, and relines with acrylic

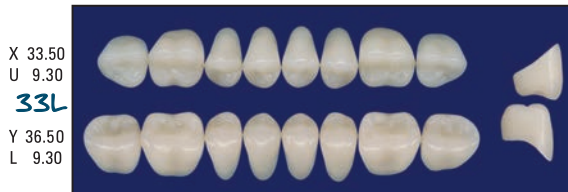
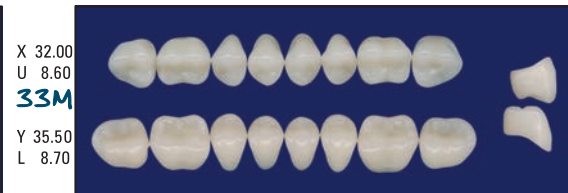
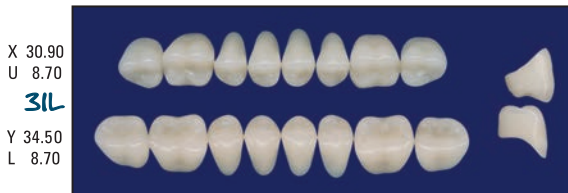
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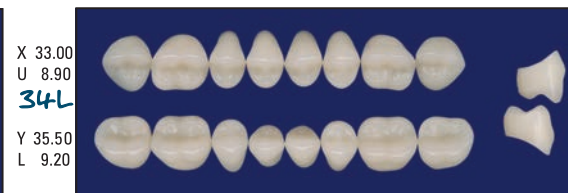
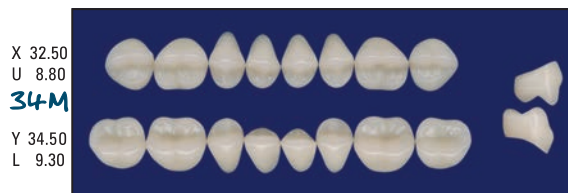
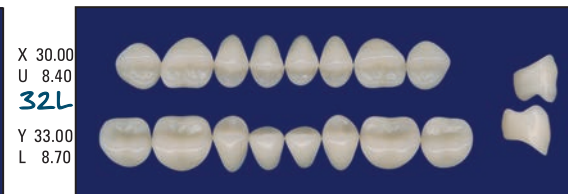
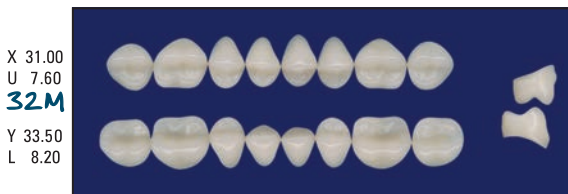
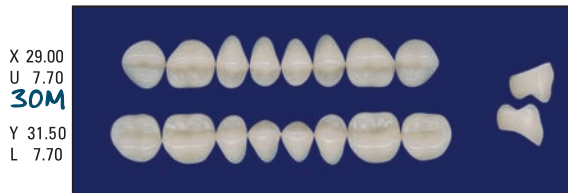
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Two chromatic layers
Characterized

Upper-lower Posteriors




























20°



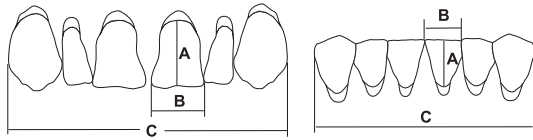
33°



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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
2P			
	9.30	5.00	34.00
135			
	10.30	7.50	42.00
263			
	9.00	5.00	33.00
266			
	11.30	8.50	47.00
267			
	9.80	5.50	36.00
IID			
	10.00	8.80	47.50
22D			
	10.00	6.00	38.00
24D			
	10.00	7.50	41.00
42D			
	9.00	5.00	33.00
54D			
	12.00	9.00	49.00
266			
	11.50	5.50	38.00
267			
	12.40	9.50	51.00
IID			
	11.50	5.50	38.00
22D			
	11.50	9.00	50.00
24D			
	11.50	5.50	38.00
42D			
	10.50	8.30	44.50
54D			
	9.80	5.50	36.00
266			
	12.00	8.30	43.50
267			
	9.80	5.50	36.00
IID			
	10.50	8.30	45.50
22D			
	9.30	5.50	37.50
24D			
	11.50	8.50	45.00
42D			
	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
62D			
	9.50	8.00	43.50
A24			
	8.80	5.00	34.00
264			
	11.50	9.00	47.50
264			
	10.80	5.80	38.50
264			
	10.80	8.00	45.00
264			
	10.00	6.00	38.00
A25			
	9.50	8.50	46.00
A25			
	9.50	5.00	34.00
A25			
	9.80	9.00	47.00
A26			
	10.00	6.00	38.00
A26			



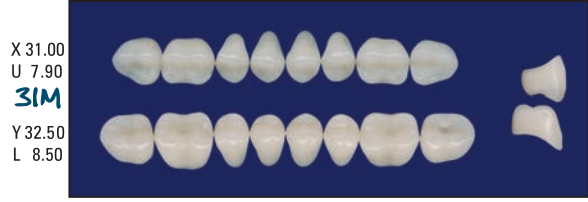
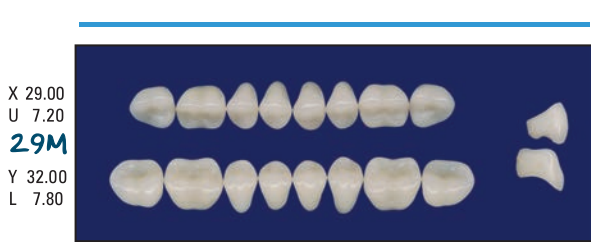
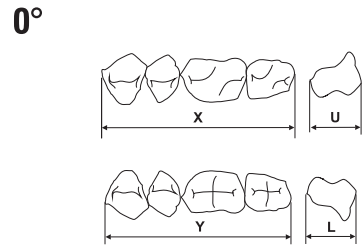
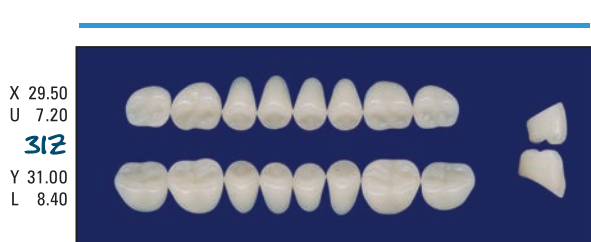
	A	B	C
	9.50	7.80	42.00
2D			
	9.20	5.00	32.00
2D			
	9.30	8.00	44.00
3D			
	8.80	5.00	34.00
3D			
	10.00	8.00	45.00
3N			
	9.50	5.00	34.00
3N			
	12.00	8.50	48.00
4H			
	10.80	5.80	38.50
4H			
	10.30	8.80	48.00
4H			
	9.30	5.50	37.50
4H			
	10.2	9.0	48.4
136			
	9.3	5.5	37.5
136			
	10.0	9.2	49.8
137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

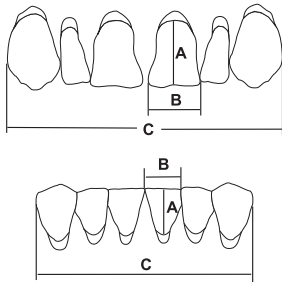
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Two chromatic layers
Characterized

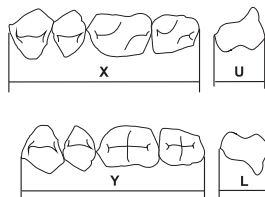
Upper-lower Posteriors





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



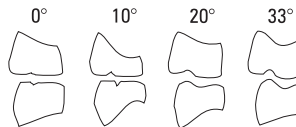
Mould 3IS

	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.

Distributed by:/ Distribuido por:/Distribué par:
Vertrieb durch:/Distribuito da:

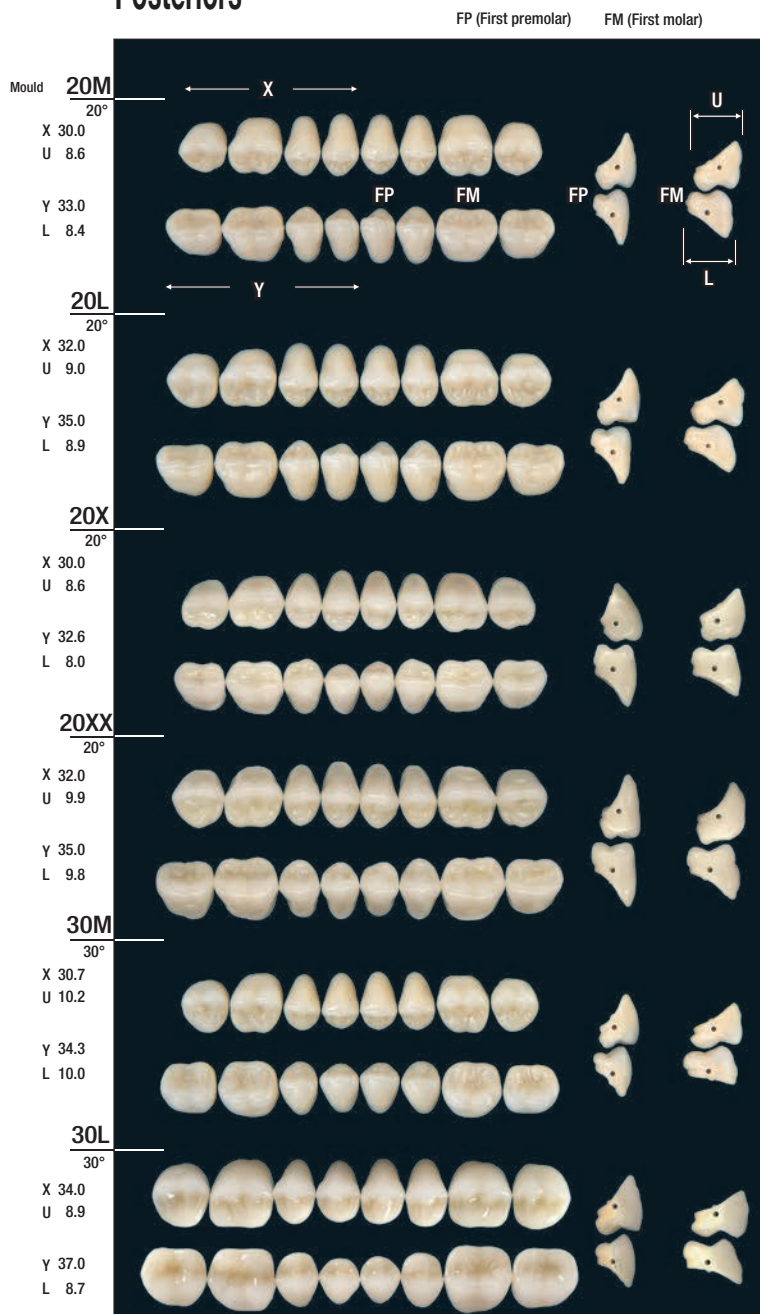
HENRY SCHEIN INC.
135 Duryea Road
Melville, NY 11747 USA

EC | REP

Henry Schein U.K. Holdings Ltd.
Gillingham ME8 0SB U.K

REVISED 05-08-2015

Posteriors

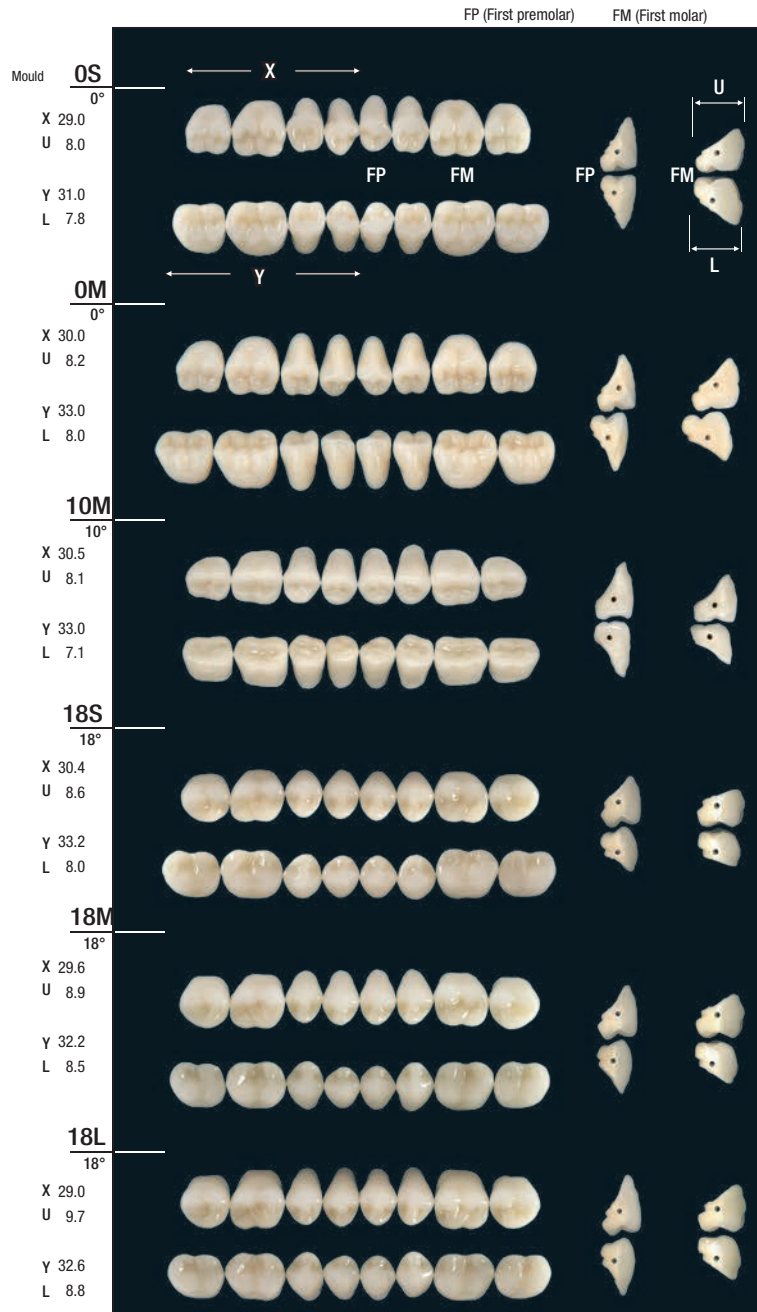


V.F. Harmonique™ Porcelain Teeth offer a polychromatic blending with a natural vitality that only porcelain teeth can provide. Available in the most popular Vita® shades and three outstanding bleached shades, V.F. Harmonique™ offers an American mould and European shade combination that makes it ideal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

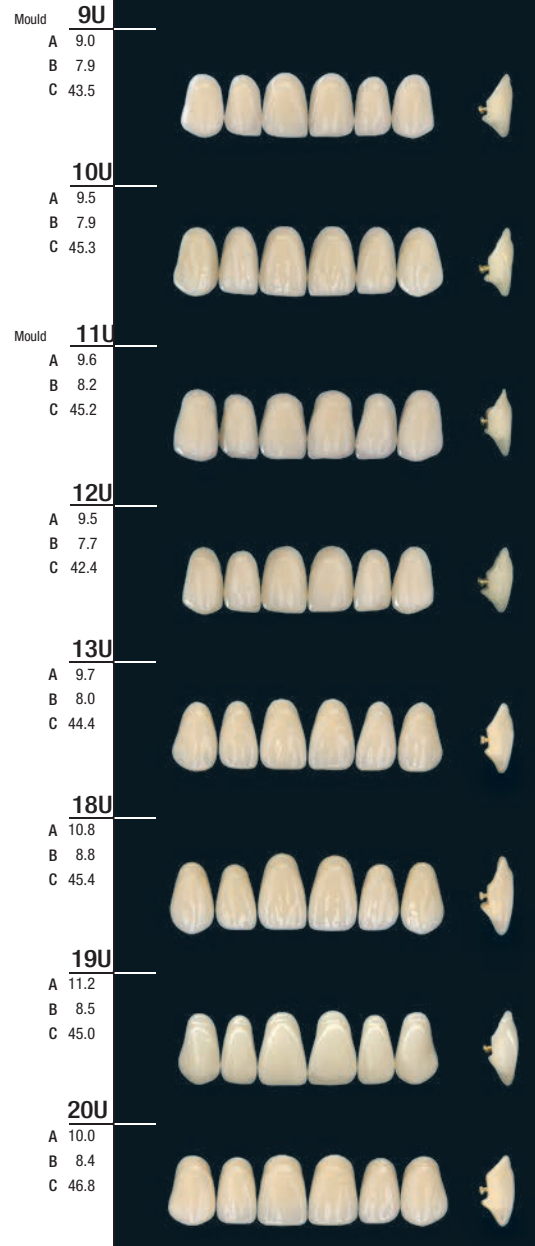
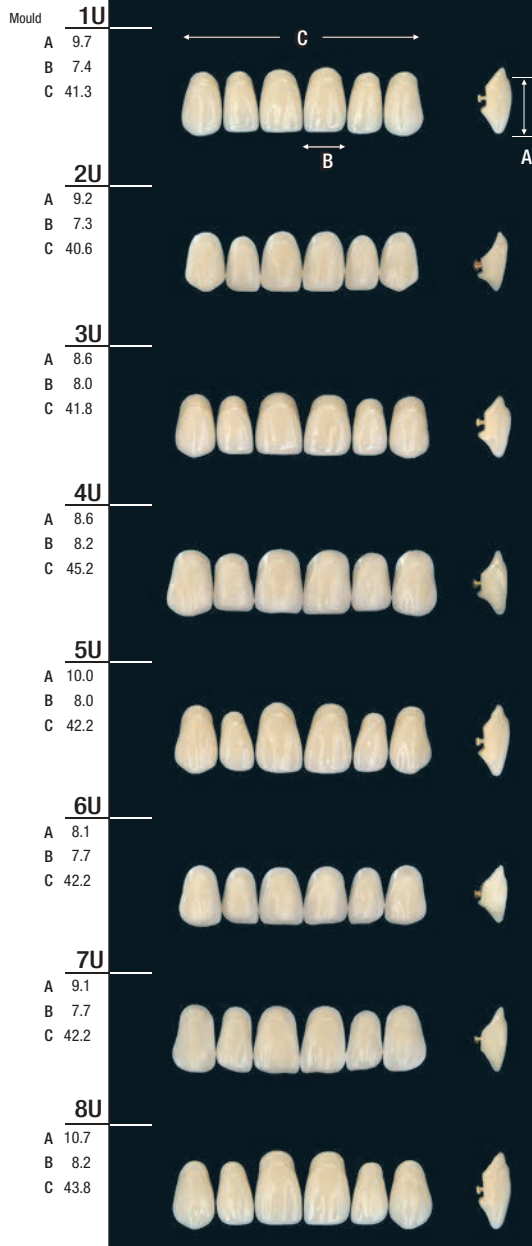
V.F. Harmonique™ Porcelain Teeth are reasonably priced, assuring that many patients can enjoy a beautiful, natural and radiant smile.

Posteriors



* All measurements are in millimeters (mm)

Anteriors



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



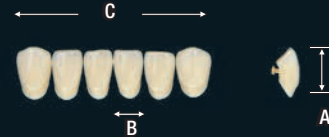
Mould **26U**

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



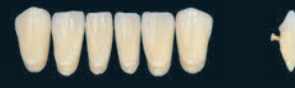
Mould **DL**

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



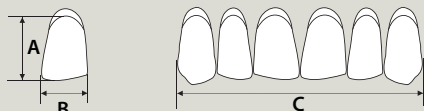
Mould **KL**

A 10.0
B 5.9
C 38.5



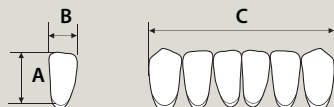
Mould 1U UPPER ANTERIORS

- 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.

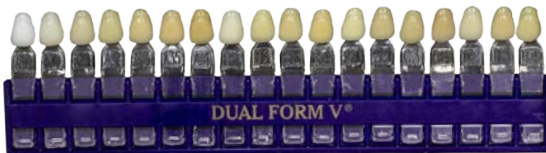


IMAGE APN PREMIUM SHADE (121-8434)

- 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.
 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™





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.



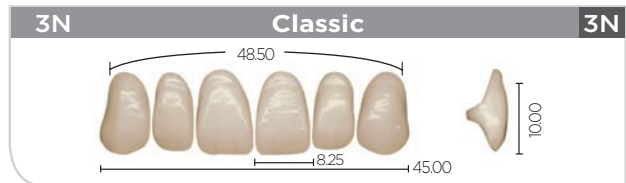
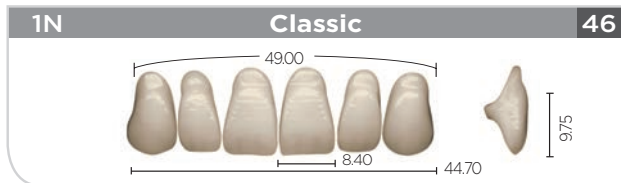
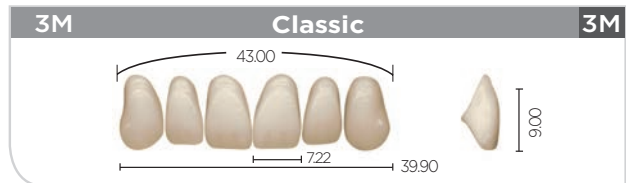
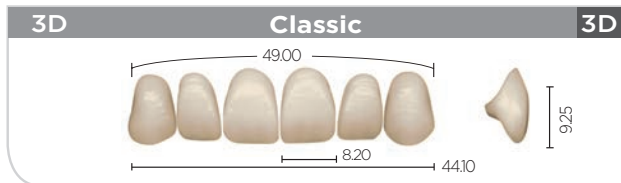
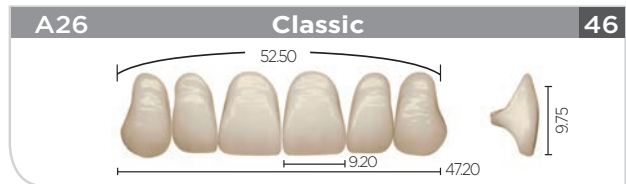
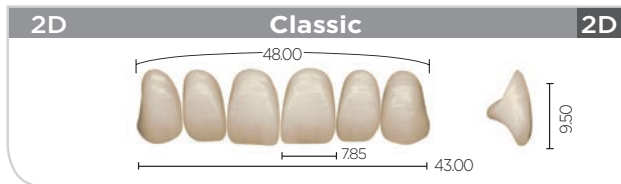
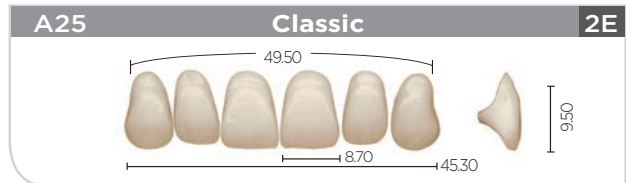
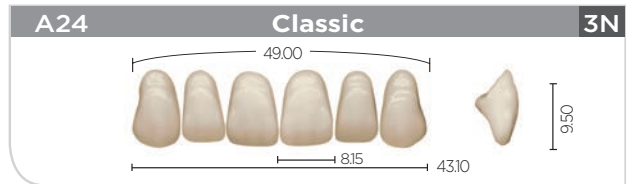
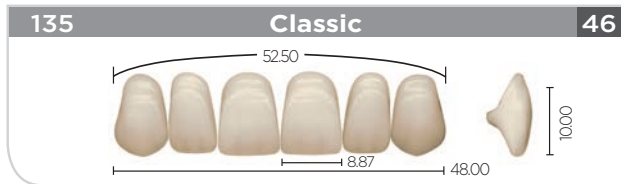
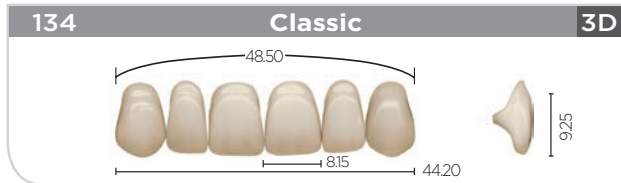
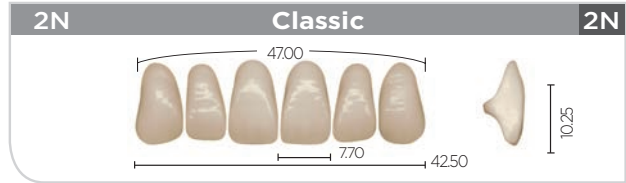
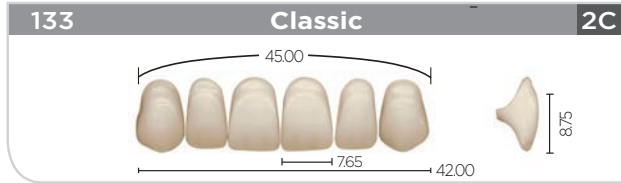
Classic® Anteriors Upper

Available in 24 shades and 1 bleach shade.

All dimensions in mm.
Images scaled to size.

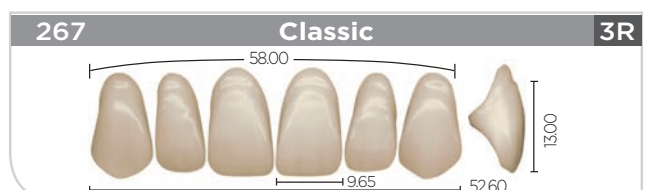
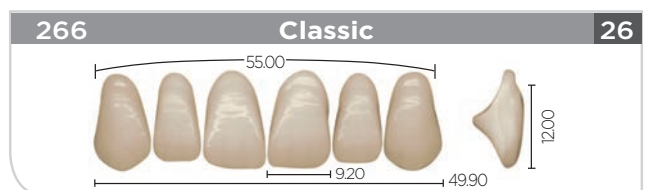
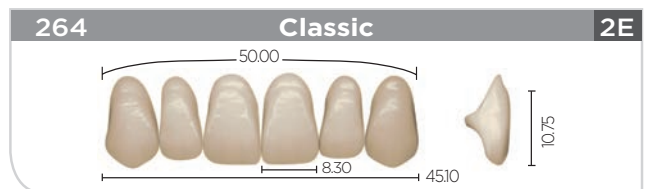
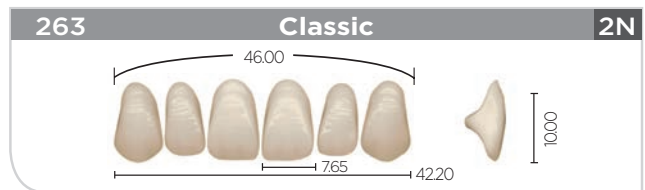
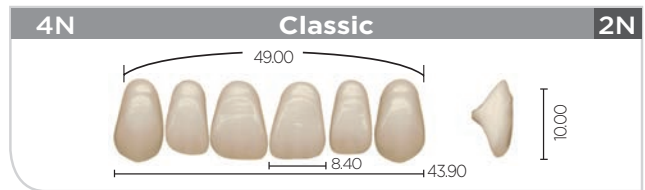
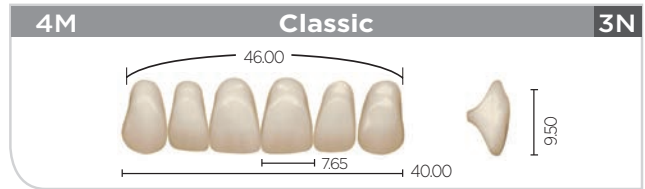
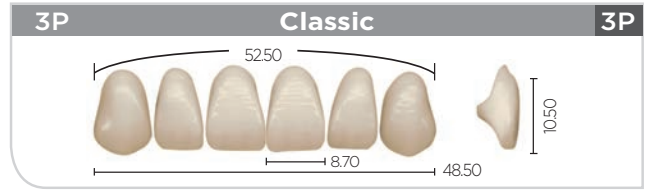
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(Lower
Articulation)

Mould No.
(Lower
Articulation)





Mould No.
(Lower
Articulation)



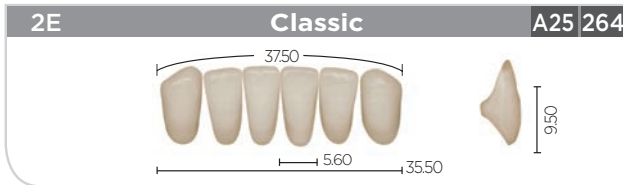
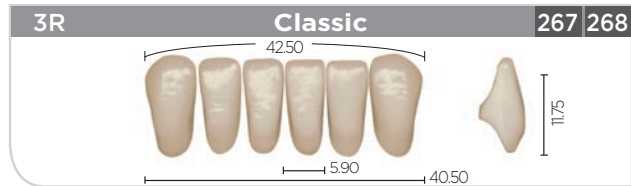
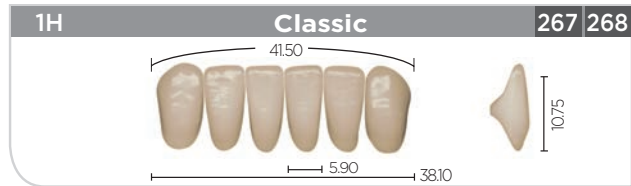
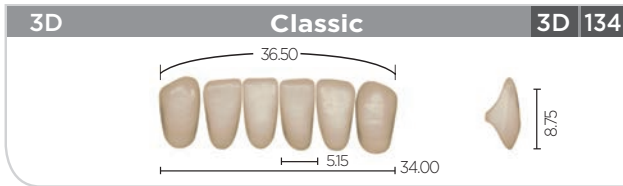
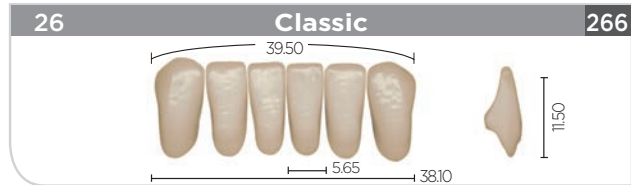
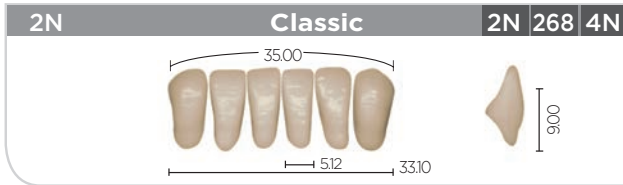
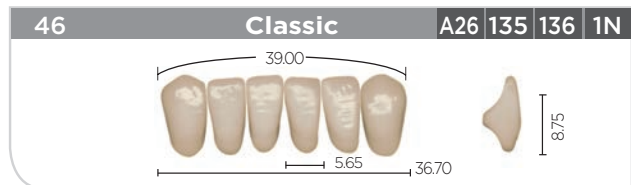
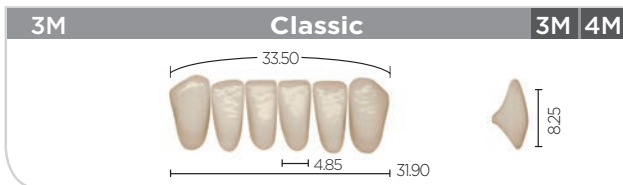
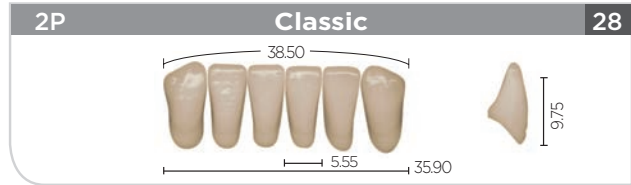
Classic® Anteriors Lower

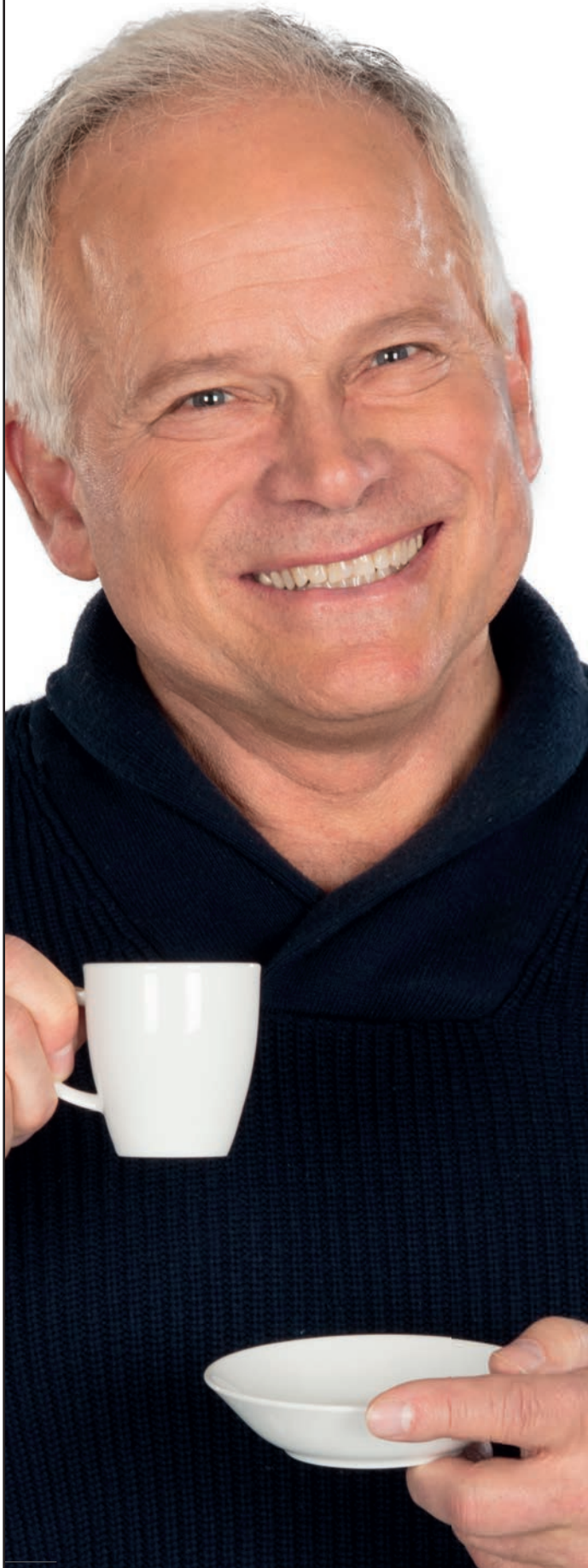
Available in 24 shades and 1 bleach shade.

All dimensions in mm.
Images scaled to size.

Mould No.
(Upper
Articulation)

Mould No.
(Upper
Articulation)

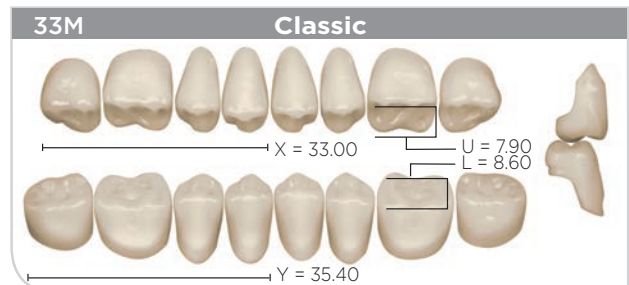
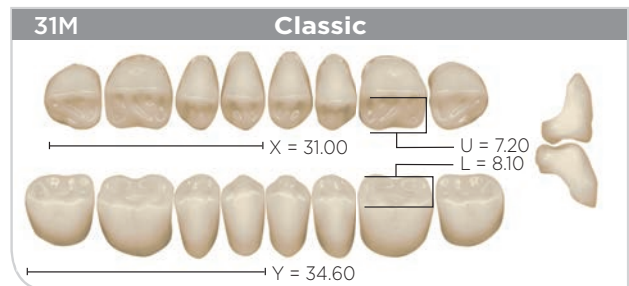
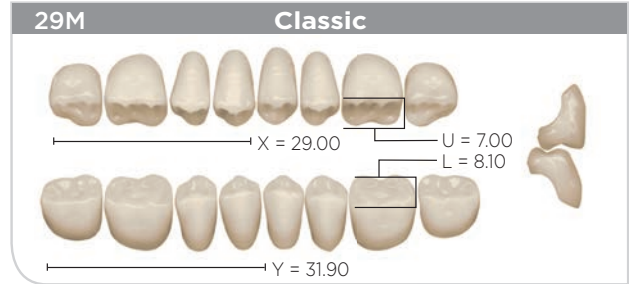




Classic® Posterior Teeth

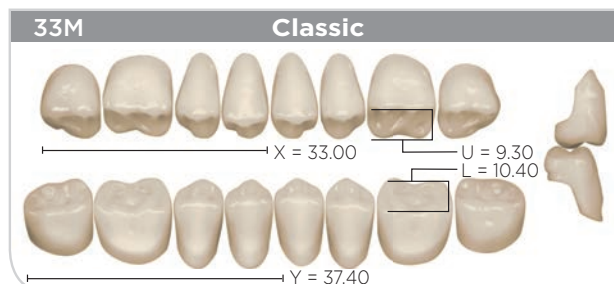
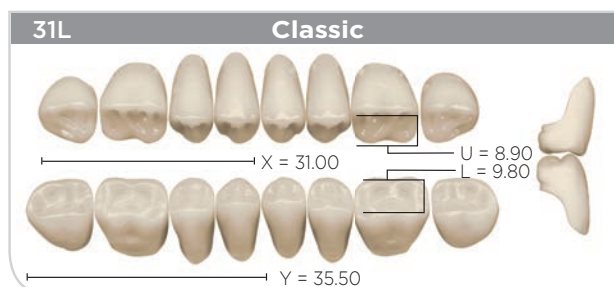
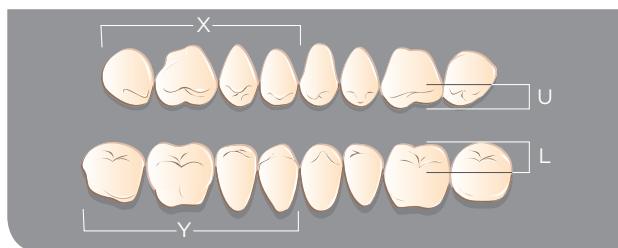
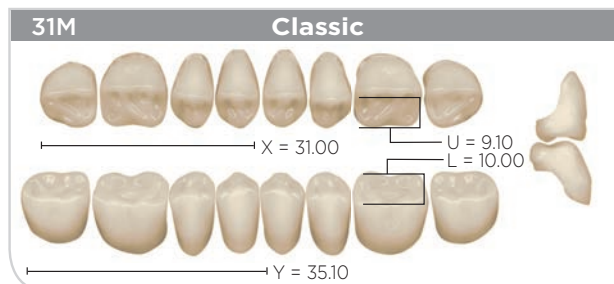
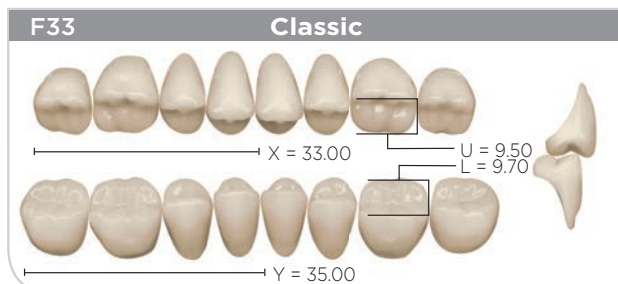
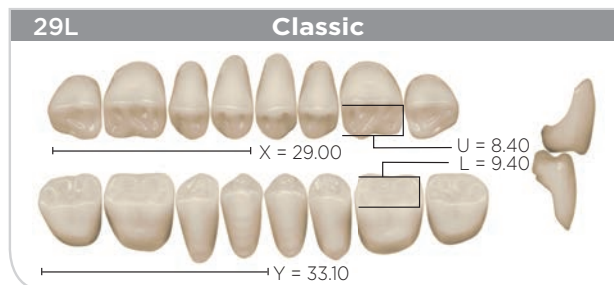
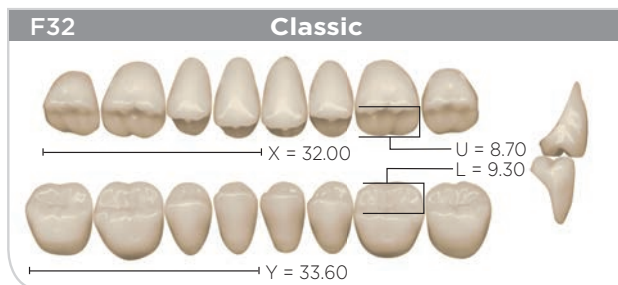
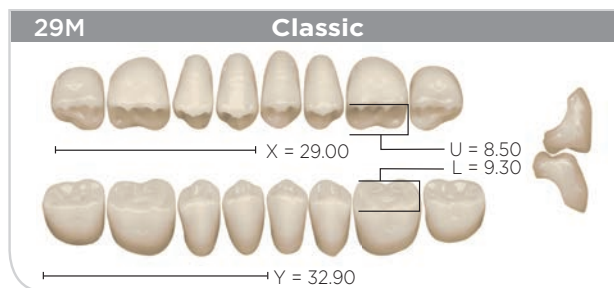
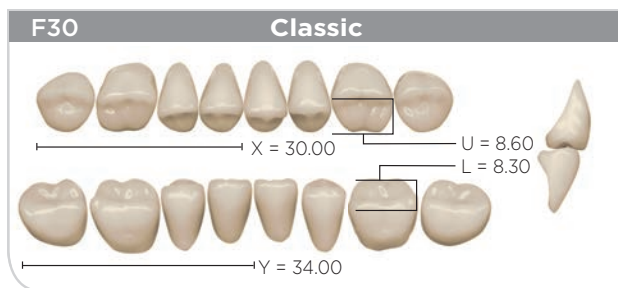
Available in 24 shades and 1 bleach shade.

Classic 0° Posteriors



Classic 10° Posteriors

Classic 20° Posteriors

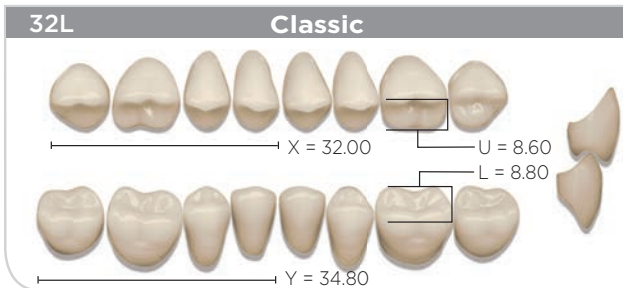
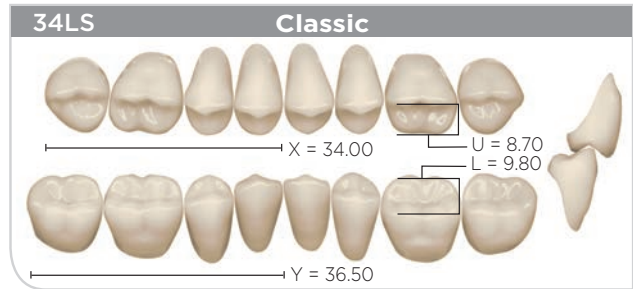
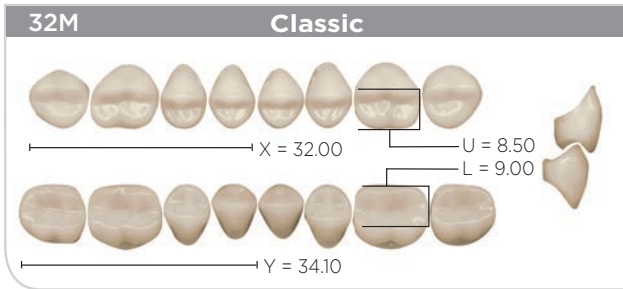
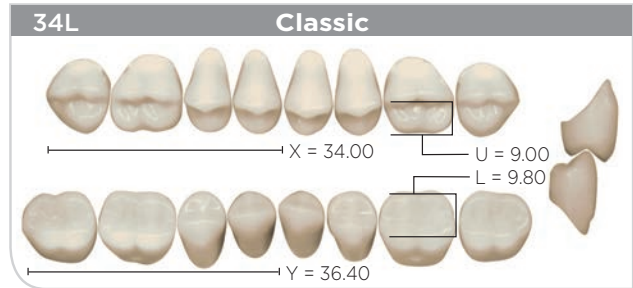
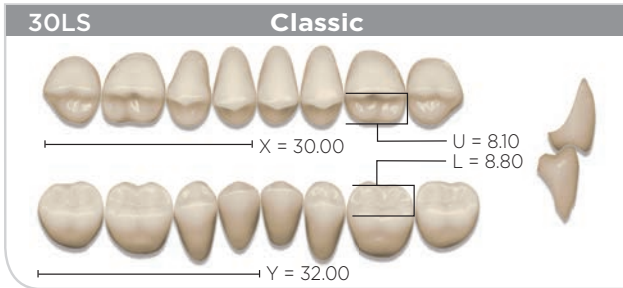
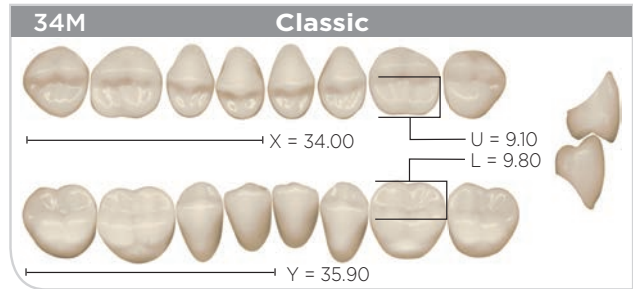
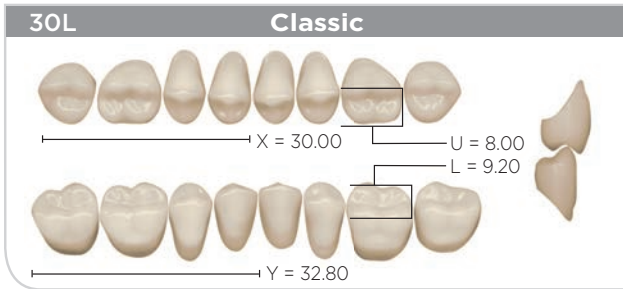
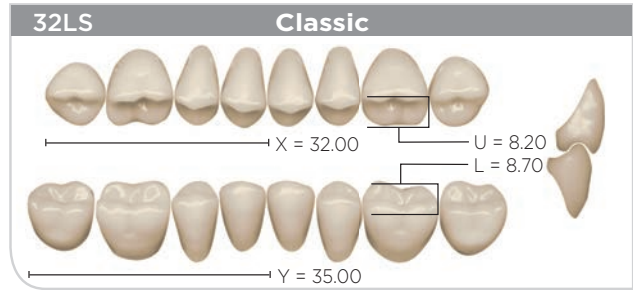
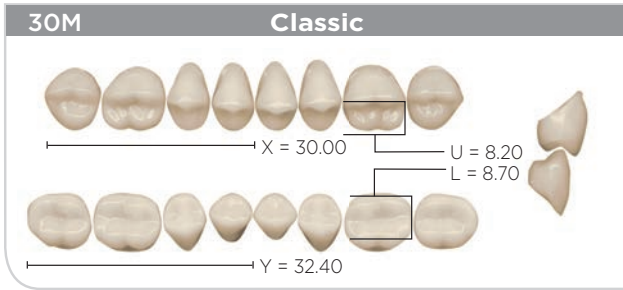


X = The average width of a 1x4 set of upper posteriors
Y = The average width of a 1x4 set of lower posteriors
U = The average depth of the upper left first molar
L = The average depth of the lower left first molar

ISO 22112: 2017. Processing instructions available upon request.

Classic 33° Posteriors

All dimensions in mm.
Images scaled to size.

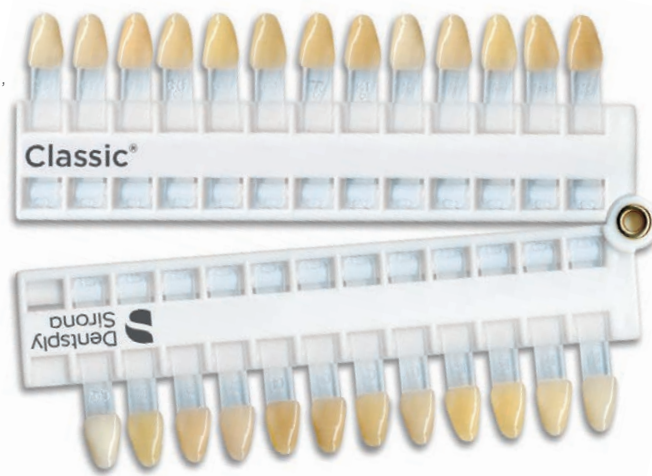


LS indicates Long Buccal-Short Lingual moulds.

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.

Upper Mould No.	Classic® Anteriors		Classic® Posteriors			
	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	

Dentsply Sirona | 570 West College Avenue | York, PA 17401 | 800-243-1942 | dentsplysirona.com

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THE DENTAL
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ANOTHER LIFE TRANSFORMED.

Portrait® IPN® Premium Denture Teeth

It's more than a tooth card. Each smile you create makes a difference for the doctor's practice and the patient's life. Choose the teeth that offer unmatched mould selection, esthetics, and long-term durability. Teeth you can rely on for perfect geometry and shading to suit every case.

Portrait IPN. Build Pride.

To learn more visit dentsplysirona.com/portraitIPN

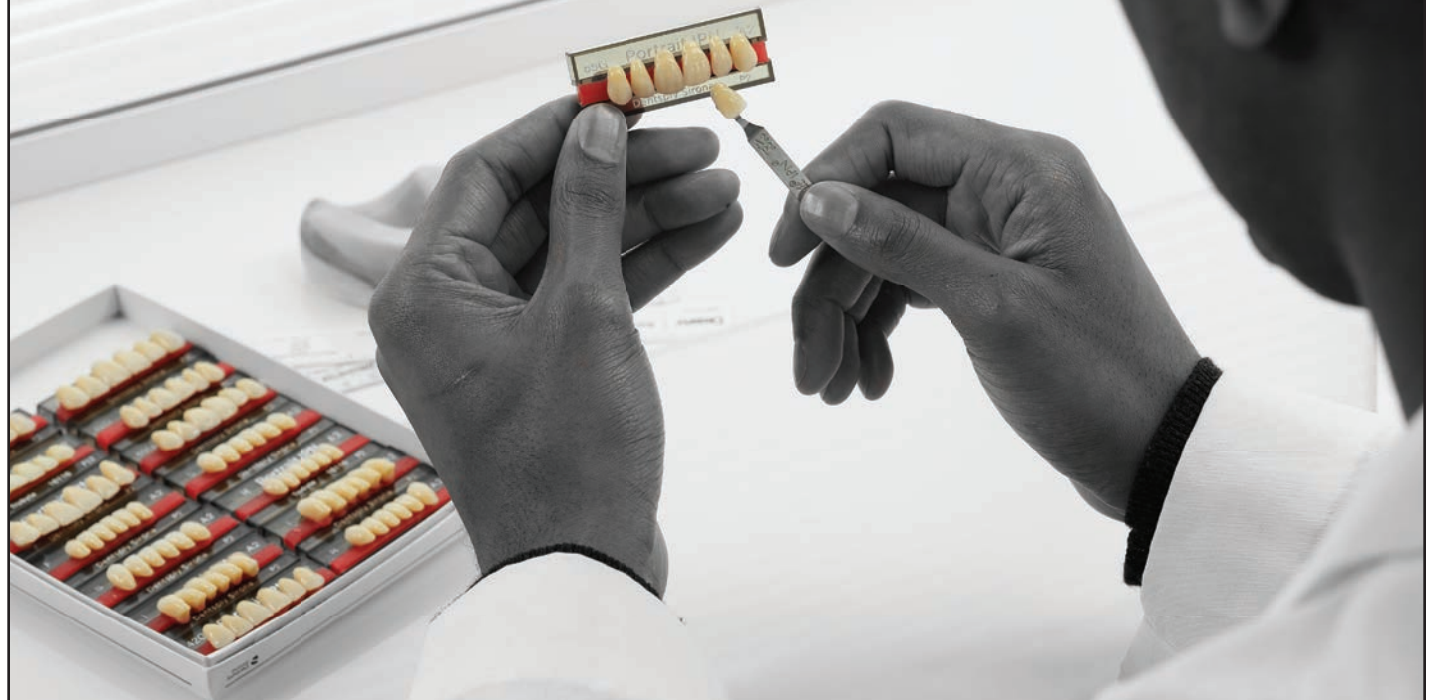
For purchasing details, ask your Zahn representative.

THE DENTAL
SOLUTIONS
COMPANY™

 **Dentsply
Sirona**

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Build Pride With Portrait® IPN® and Bioform® 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.



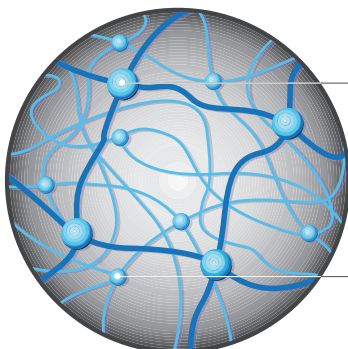
Bioform IPN teeth mimic a healthy, natural tooth. Anterior teeth feature all the anatomical details with subtle translucency and mamelons so important for a mature, lifelike appearance.



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 Dentsply Sirona 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.

Two Shade Systems

The Bioform® Mould System is offered in two distinct IPN brands, each in separate shade systems providing significant aesthetic advantages.

Portrait® IPN®

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.



Bioform® IPN®

Bioform IPN teeth feature the 24 shades from the Bioform shade guide, one of the most popular in removable prosthodontics.



* 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

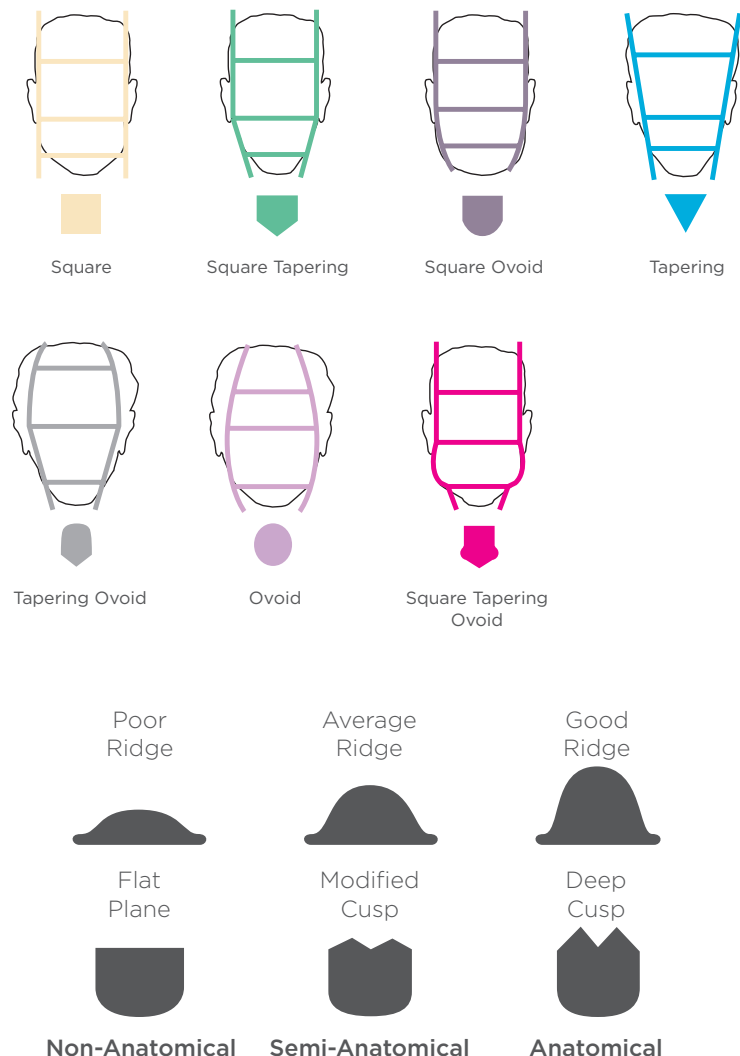
Anatoform Trubyte® System (ATS)

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 seven functional occlusal angle families.

7 Basic Facial Forms:



Steps to identify and select anterior moulds

1. First number: Classification

Using the facial form classification shown on page 4, 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

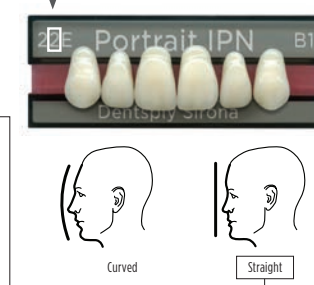


2. Second number: Proportion & Contour

Using a flat device such as the Dentsply Sirona Tooth Indicator (#98981), 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 the Dentsply Sirona MM Ruler (Part #3496), 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.

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

PORTRAIT® IPN®	VITA® CLASSICAL	VITA® 3D-MASTER®	BIOFORM® IPN®
P1	A1	1M1	B51
P2	A2	3R1.5	B53
P3	A3	3M2	B54
P3.5	A3.5	3R2.5	B83
P4	A4	4R1.5	B84
P11	B1	2M1	B59
P12	B2	2M2	B52
P13	B3	2M3	B55
P14	B4	4L2.5	B56
P21	C1	2R1.5	B91
P22	C2	3L1.5, 4M1	B94
P23	C3	4L1.5, 4M2	B95
P24	C4	5M1, 5M2	B96
P32	D2	3M1	B92
P33	D3		B93
P34	D4		B69
P59		1M2	B59
P62		2L1.5	B62
P65			B65
P66		2L2.5, 2R2.5	B66
P67		2M3	B67
P69		3L2.5	B69
P77			B77
P81		4M3, 5M3	B81
PW2*		OM2, OM3	
PW4*		OM1	
PW7*			

* Portrait bleach shades PW2, PW4 and PW7 correlate to Illumin® 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.

Bioform® IPN® Anterior Mould/Shade Availability*
Bioform Color-Ordered Shades

Mould No. Upper Anteriors	B51	B52	B53	B54	B55	B56	B59	B62	B63	B65	B66	B67	B69	B77	B81	B83	B84	B85	B91	B92	B93	B94	B95	B96
11H	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12F	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12G	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13D	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21C	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21D	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21F	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21J	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22G	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
24F	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
25G	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
31F	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
32E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
35E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
36F	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
42D	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
42F	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
42G	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
43D	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
43F	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
45F	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
45H	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
52C	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
54F	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
55D	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
55F	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
56G	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
62D	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
62E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
62G	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
65G	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
65H	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
74E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
74H	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
75E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
75G	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
76D	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

Lower Anteriors	B51	B52	B53	B54	B55	B56	B59	B62	B63	B65	B66	B67	B69	B77	B81	B83	B84	B85	B91	B92	B93	B94	B95	B96
B	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
C	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
D	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
F	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
G	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
H	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
J	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
M	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
N	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
O	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
P	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
R	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
U	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
V	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
W	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
X	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
K1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

* * Indicates mould/shade combinations which are available

IPN® Mould/Shade Availability Table

Moulds	Shades
<p>Portrait IPN Anteriors</p> <p>Portrait IPN 40°, 33°, 22°, 20°, 10°, 0° Posteriors</p>	<p>All 27 shades of the Portrait IPN Shade Guide:</p> <p>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</p>
<p>Bioform IPN® Anteriors</p> <p>Bioform IPN® 33°, 20°, 10°, and 0° Posteriors</p> <p>Bioform IPN 30°</p>	<p>See Bioform IPN Anterior Mould/Shade Availability on pages 57–63.</p> <p>All 24 shades of the Bioform Shade Guide:</p> <p>B51, B52, B53, B54, B55, B56, B59, B62, B63, B65, B66, B67, B69, B77, B81, B83, B84, B85, B91, B92, B93, B94, B95, B96</p> <p>Only in Bioform Shades B59, B62, B65, B66, B67, B69, B77 and B81</p>

Quick Reference Guide for Mould and Shade Popularity

Shades and Moulds are listed in Order of Preference based on Product Sales

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

Bioform® IPN® Shade Popularity

B62, B59, B66, B65, B69, B67, B91

Bioform IPN Anterior Mould Preference	Bioform IPN Posterior Mould Preference Per Category	
<p>Maxillary</p> <p>Small Moulds: 42D, 21D, 21C, 55D</p> <p>Medium Moulds: 12E, 22E, 42G, 42F, 43F, 13E</p> <p>Large Moulds: 11H, 45H, 12G, 21J, 62G, 22G</p> <p>Mandibular</p> <p>Small Moulds: F, C, E</p> <p>Medium Moulds: N, P, H, M</p> <p>Large Moulds: S, R, K1, O</p>	Bioform IPN 0°	431, 429
	Bioform IPN 10°	332, 330, 334
	Bioform IPN 20°	31M, 29M, 33M, 29L
	Bioform IPN 30° PT	230M, 233M, 230L
	Bioform IPN 33°	32M, 34M, 30M, 32L

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

For full, partial, and implant supported dentures.



Portrait® IPN®

Available in 24 shades and 3 bleach shades

Bioform® IPN®

Available in 24 shades

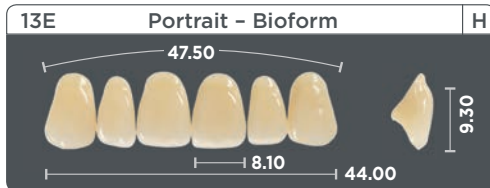
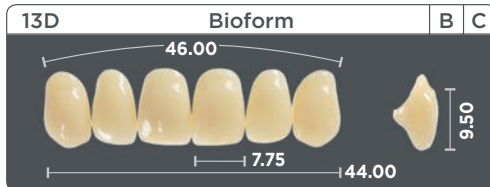
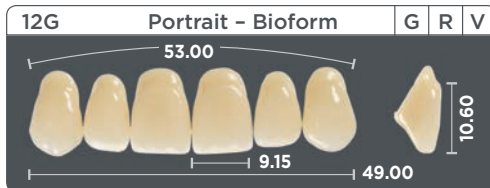
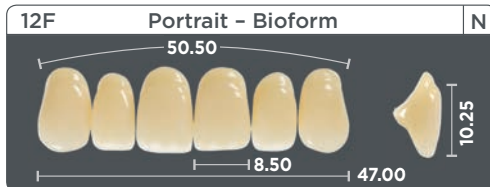
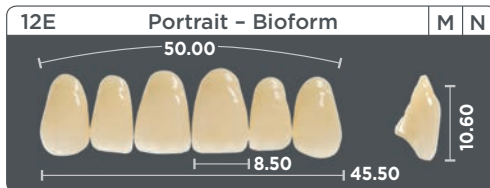
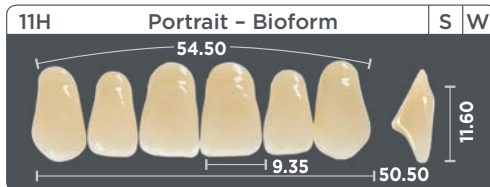
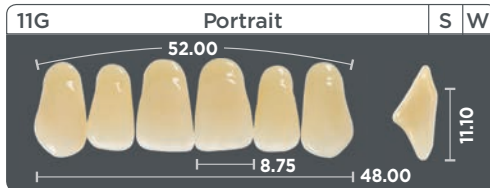
Anteriors Maxillary

All dimensions in mm. Images scaled to size.

ARTICULATION	
KEY	21C Maxillary Anterior Suggested Mandibular C
	Curve / Straight 45.50 / 42.00
	Shades Portrait IPN available in all 24 + 3 shades, Bioform IPN check mould/shade availability on page 19.

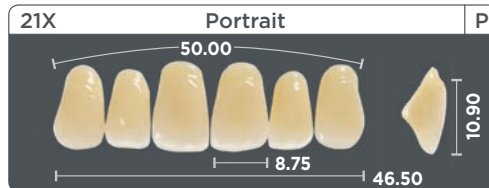
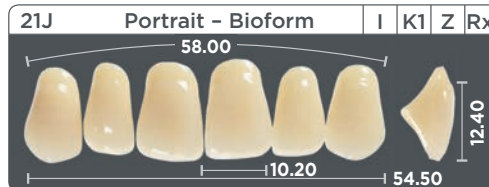
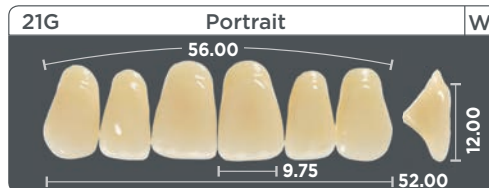
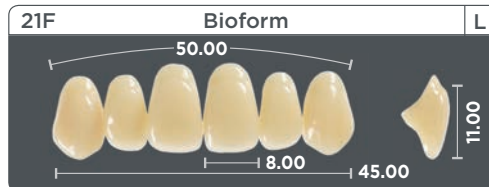
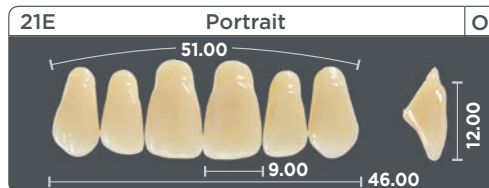
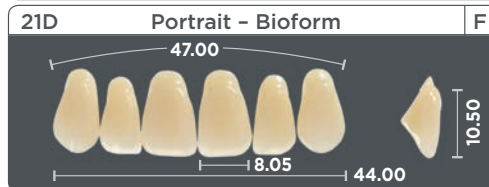
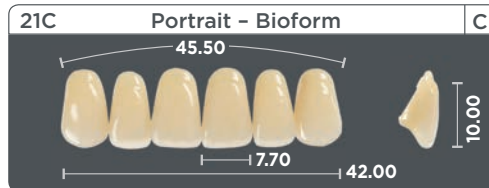
Square

Mould No. (Lower Articulation)



Square Tapering

Mould No. (Lower Articulation)



Portrait® IPN®

Available in 24 shades and 3 bleach shades

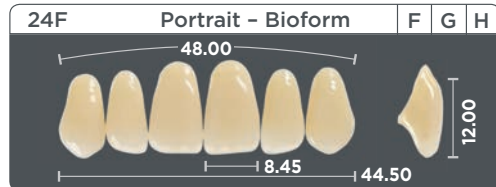
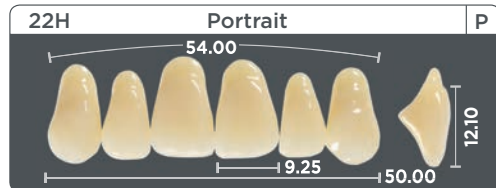
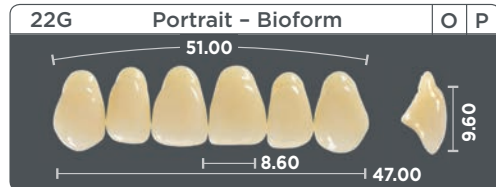
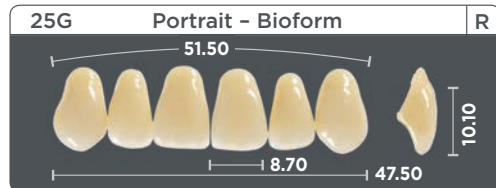
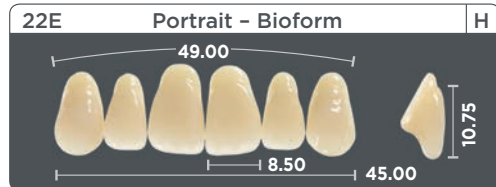
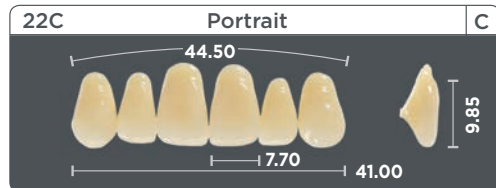
Bioform® IPN®

Available in 24 shades

Anteriors Maxillary

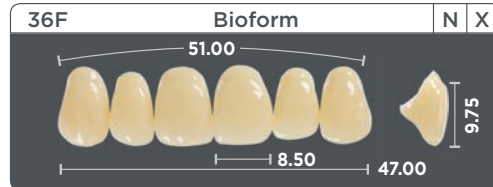
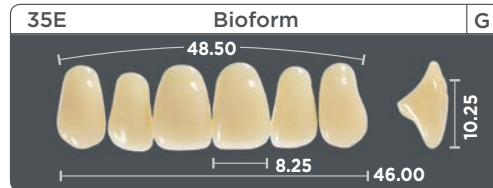
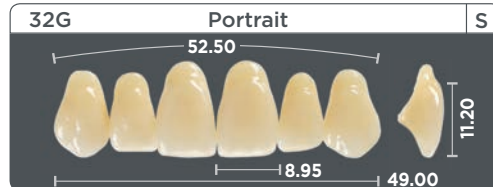
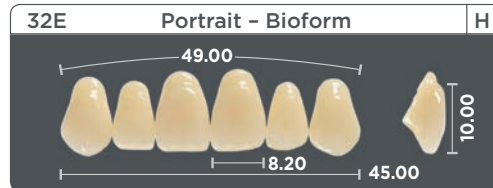
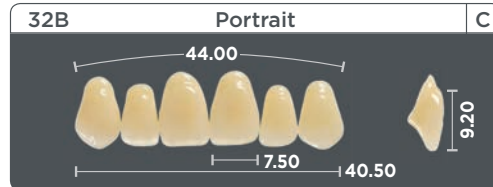
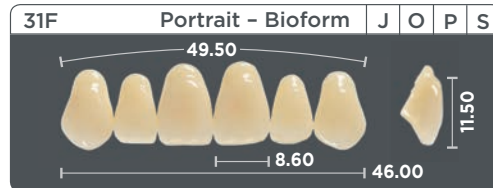
■ Square Tapering

Mould No.
(Lower Articulation)



■ Square Ovoid

Mould No.
(Lower Articulation)



ARTICULATION	
KEY	24F Maxillary Anterior Suggested Mandibular F G H
	Curve / Straight 48.00 / 44.50
	Shades Portrait available in all 24 + 3 shades, Bioform check mould/shade availability on page 19.

Portrait® IPN®

Available in 24 shades and 3 bleach shades

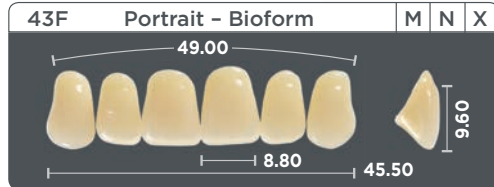
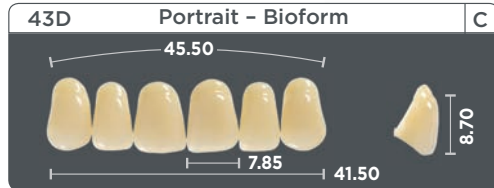
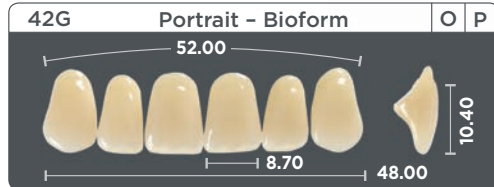
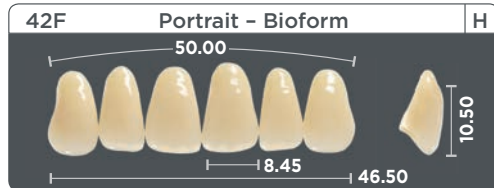
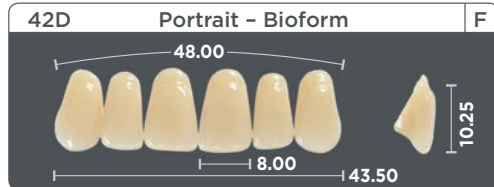
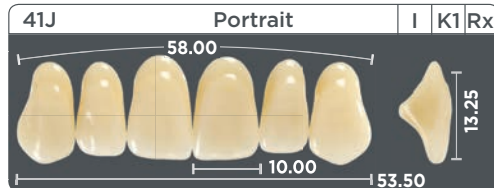
Bioform® IPN®

Available in 24 shades

Anteriors Maxillary

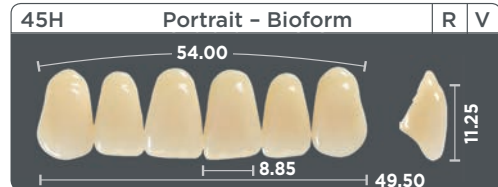
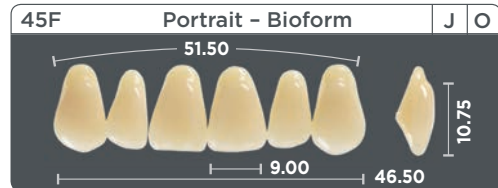
▼ Tapering

Mould No.
(Lower Articulation)



▼ Tapering

Mould No.
(Lower Articulation)



Portrait® IPN®

Available in 24 shades and 3 bleach shades

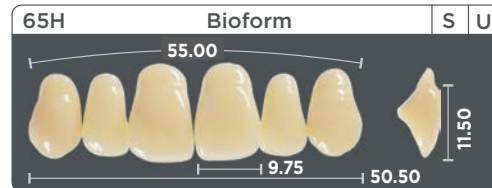
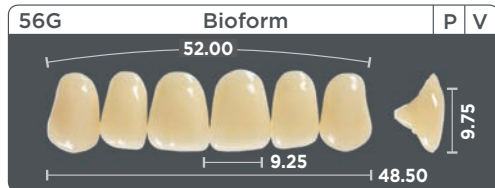
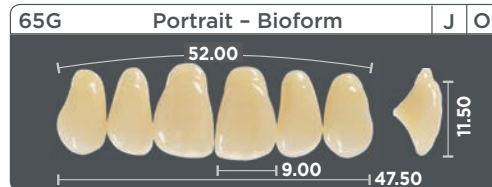
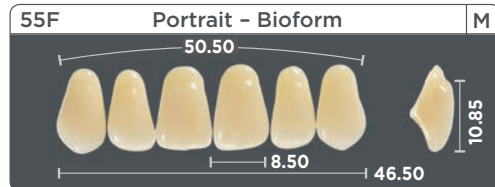
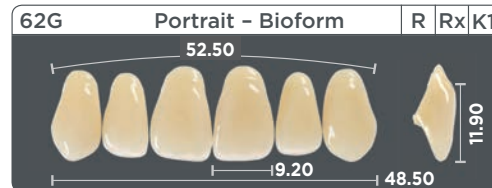
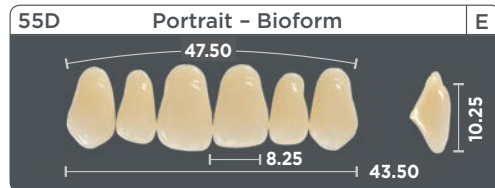
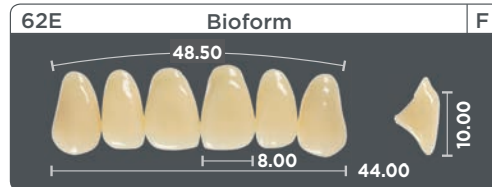
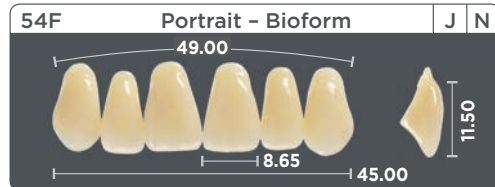
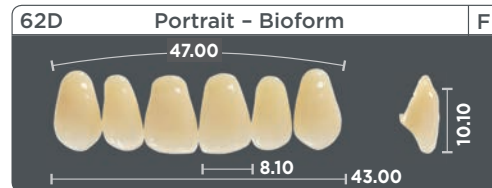
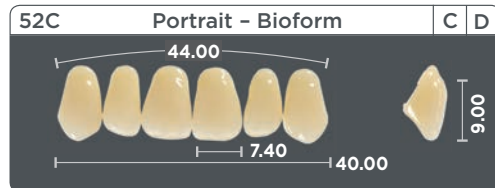
Bioform® IPN®

Available in 24 shades

Anteriors Maxillary

 Tapering Ovoid

 Ovoid



ARTICULATION					
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	56G	P V			
	Maxillary Anterior	Suggested Mandibular			
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Curve / Straight					
52.00 / 48.50					
<table border="1"> <tr> <td>Shades</td> </tr> <tr> <td>Portrait IPN available in all 24 + 3 shades, Bioform IPN check mould/shade availability on page 19.</td> </tr> </table>	Shades	Portrait IPN available in all 24 + 3 shades, Bioform IPN check mould/shade availability on page 19.			
Shades					
Portrait IPN available in all 24 + 3 shades, Bioform IPN check mould/shade availability on page 19.					

Portrait® IPN®

Available in 24 shades and 3 bleach shades

Bioform® IPN®

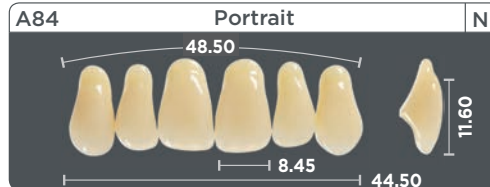
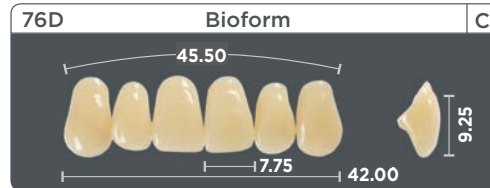
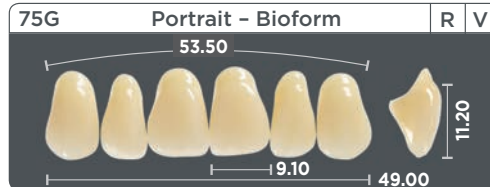
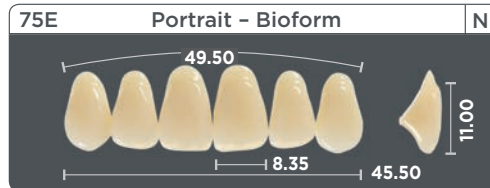
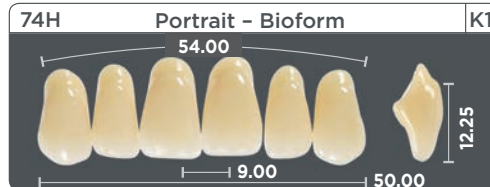
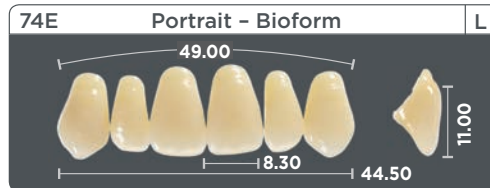
Available in 24 shades

Anteriors Maxillary

Square



Tapering Ovoid



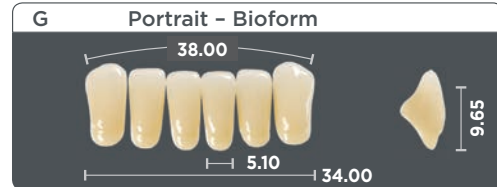
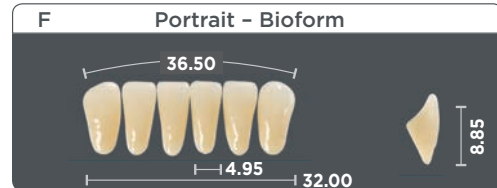
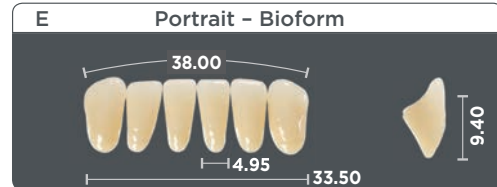
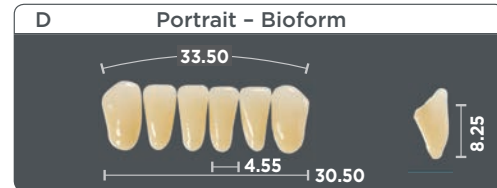
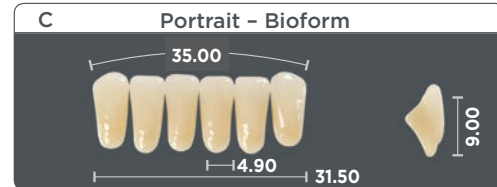
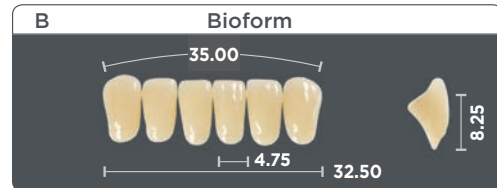
Portrait® IPN®

Available in 24 shades and 3 bleach shades

Bioform® IPN®

Available in 24 shades

Anteriors Mandibular



ARTICULATION	
A84	N
Maxillary Anterior	Suggested Mandibular
KEY	
Curve / Straight	
48.50 / 44.50	
Shades	
Portrait IPN available in all 24 + 3 shades, Bioform IPN check mould/shade availability on page 19.	

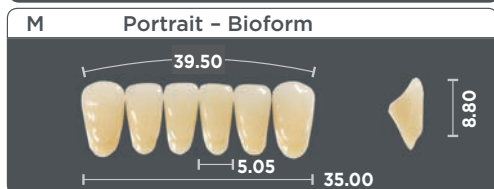
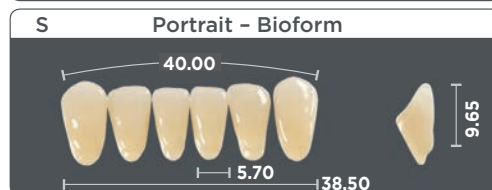
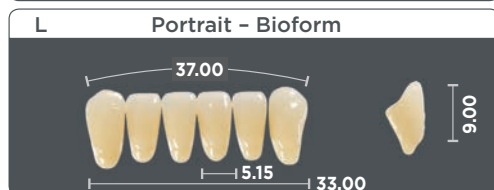
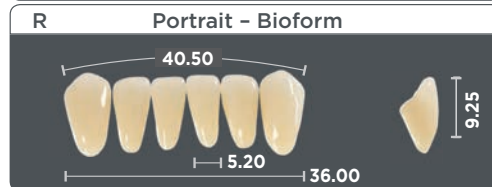
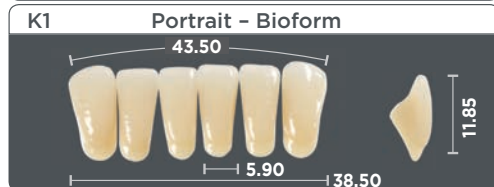
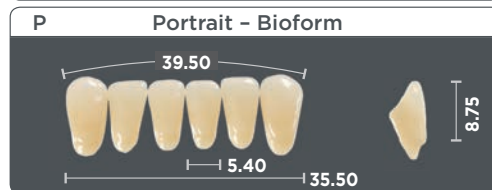
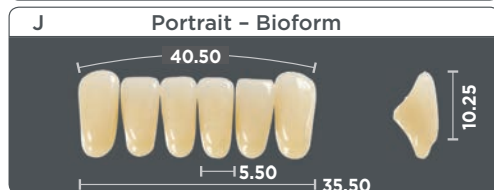
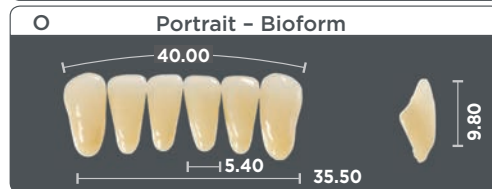
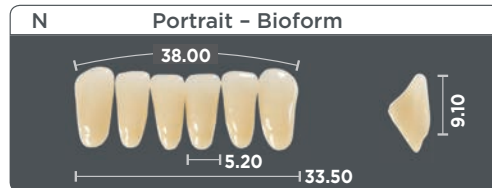
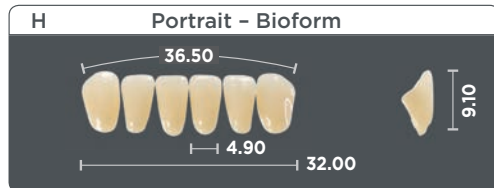
Portrait® IPN®

Available in 24 shades and 3 bleach shades

Bioform® IPN®

Available in 24 shades

Anteriors Mandibular



Portrait® IPN®

Available in 24 shades and 3 bleach shades

Bioform® IPN®

Available in 24 shades

Anteriors Mandibular



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.

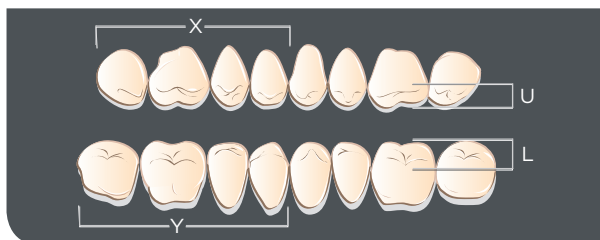
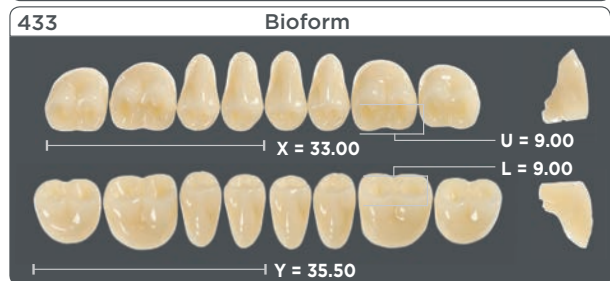
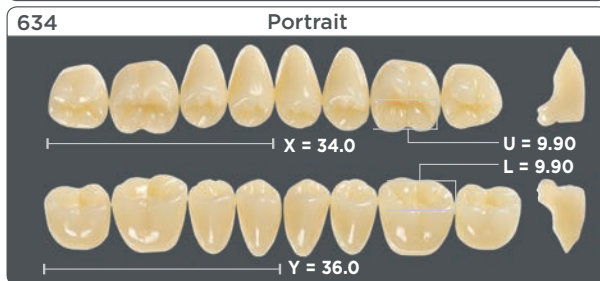
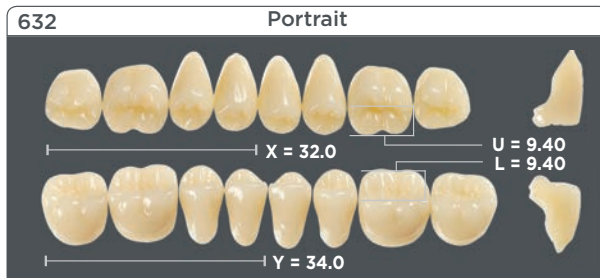
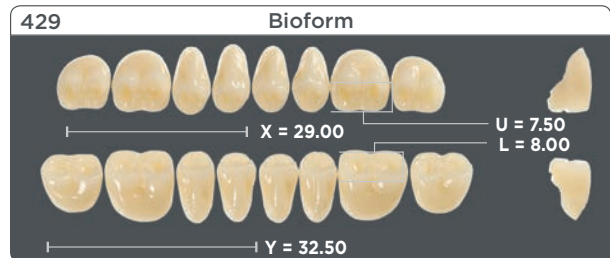
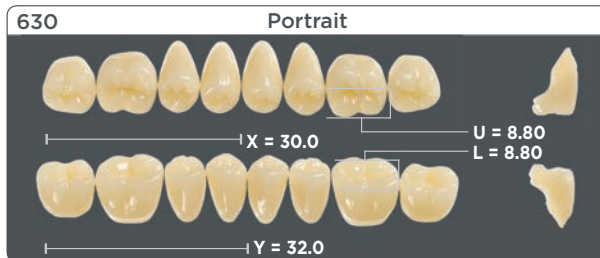
Bioform® IPN

Available in 24 shades

Posterior Teeth

Bioform® IPN® 0° Posteriors

Give the illusion of anatomical teeth. Unique buccal carvings simulate natural anatomy for superior aesthetics in a flat plane design.



SHADE AVAILABILITY

KEY

Portrait IPN available in all 24 + 3 shades,
 Bioform IPN check mould/shade
 availability on page 67.

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

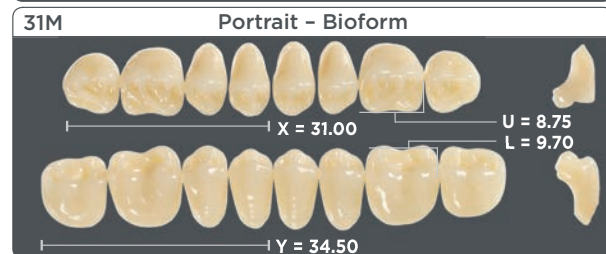
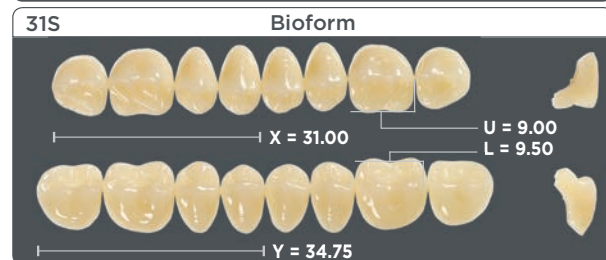
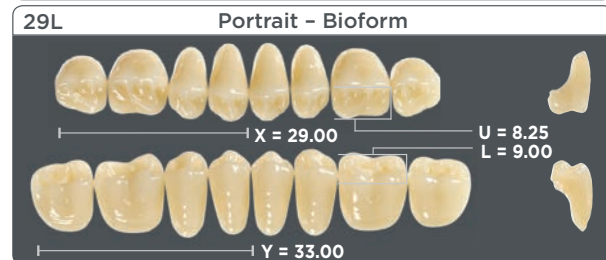
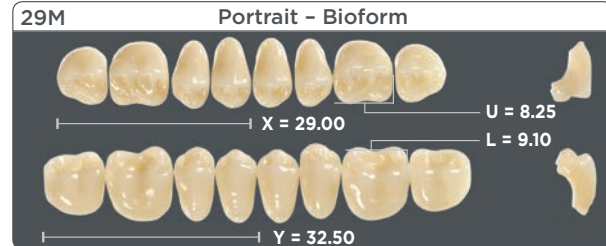
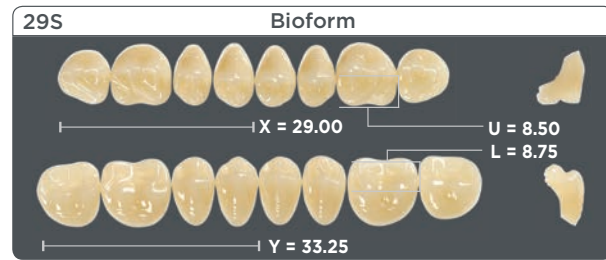
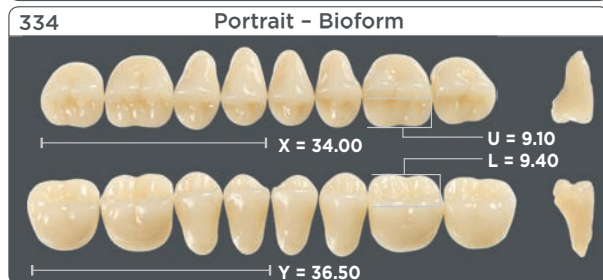
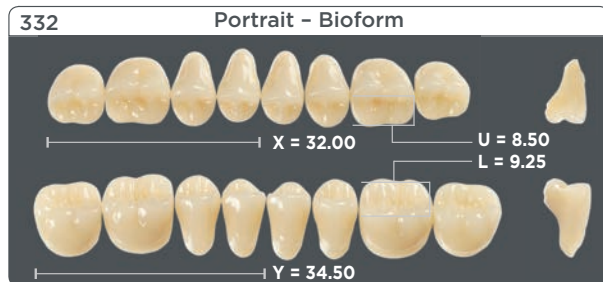
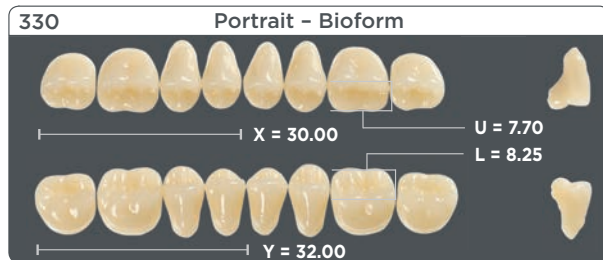
ISO 22112: 2017. Processing instructions available upon request.

Portrait® IPN® 10° Posteriors / Bioform® 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."

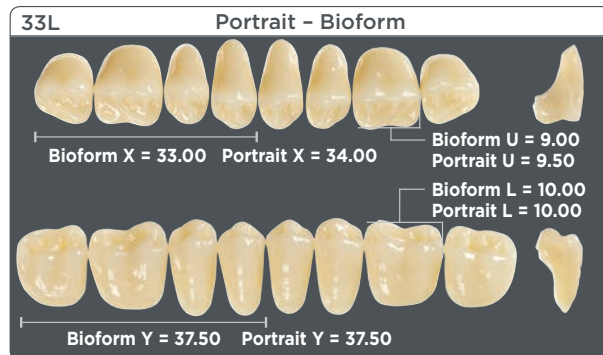
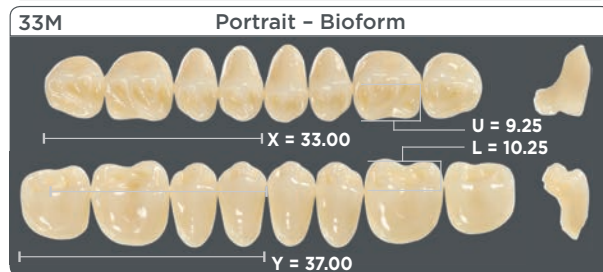
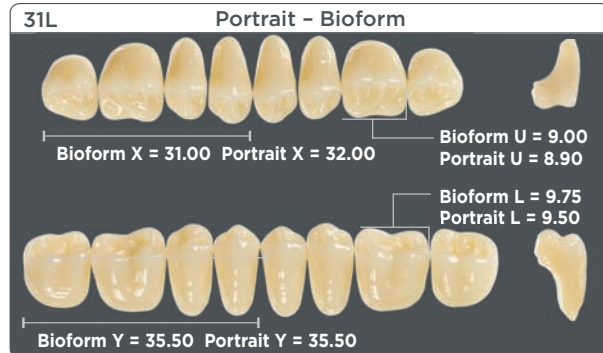
Portrait® IPN® 20° Posteriors / Bioform® IPN® 20° Posteriors

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.



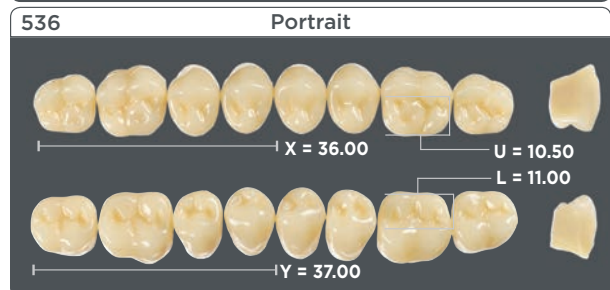
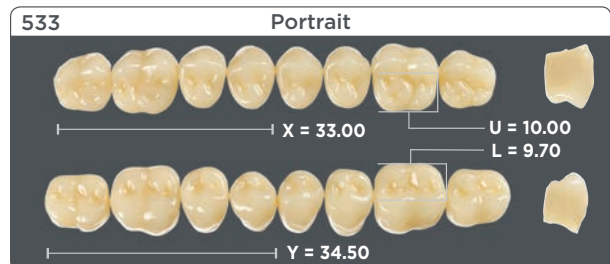
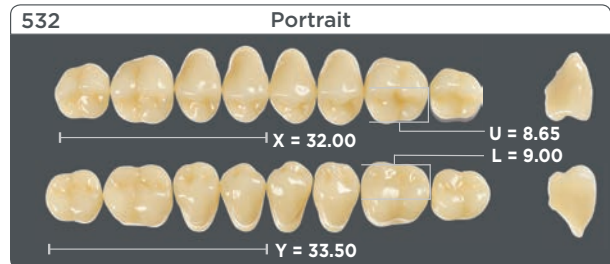
Portrait® IPN® 20° Posteriors / Bioform® IPN® 20° Posteriors

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

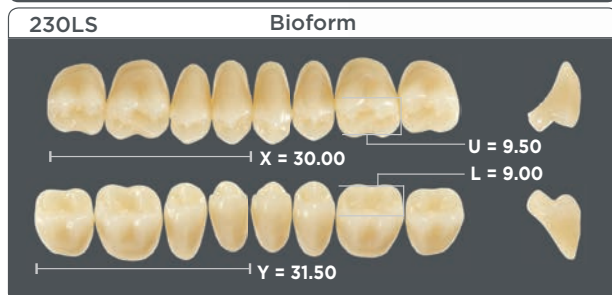
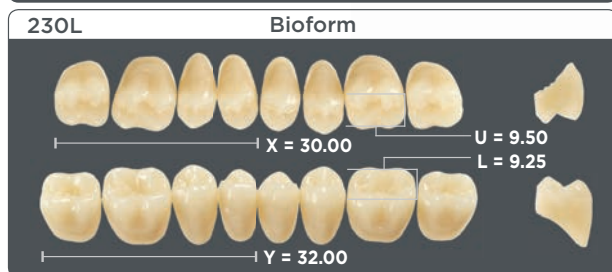
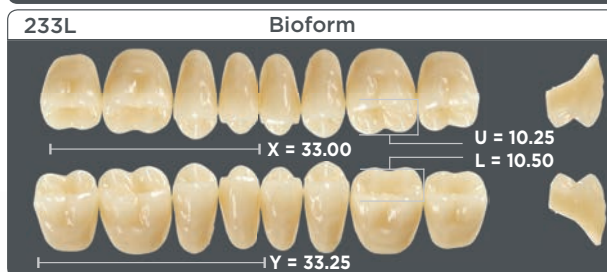
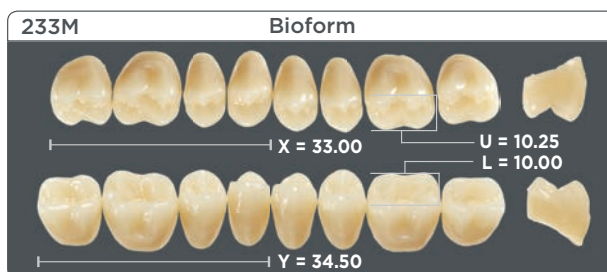
Aesthetically and functionally suited for complete and partial dentures. Shallow non-interfering cusps facilitate freedom in all excursions.



Bioform® IPN® 30° Posteriors

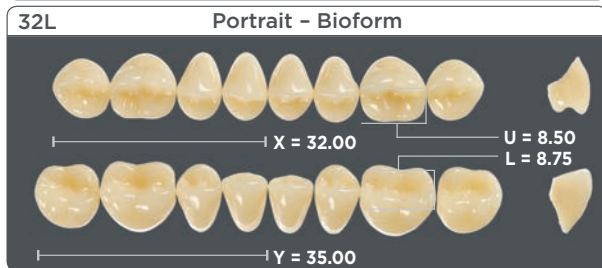
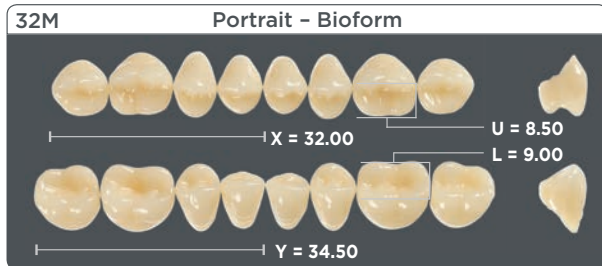
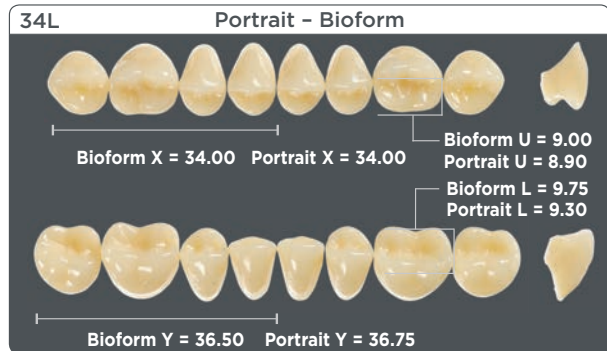
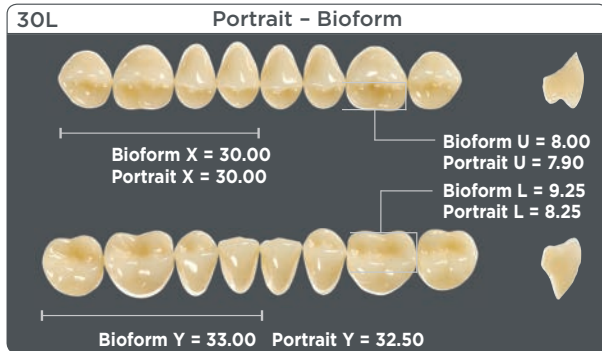
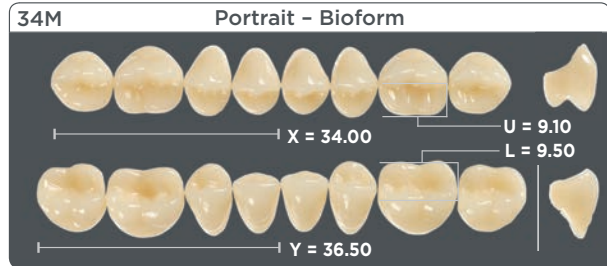
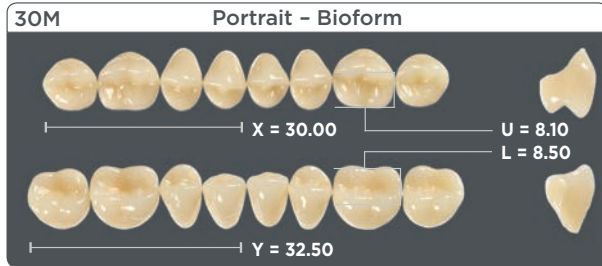
Designed and carved for maximum chewing efficiency and easy set-up. In a natural smile, the upper premolars slope inward from the gingival to the occlusal. The Pilkington-Turner® design simulates this valuable aesthetic consideration.

All dimensions in mm.
Images scaled to size.



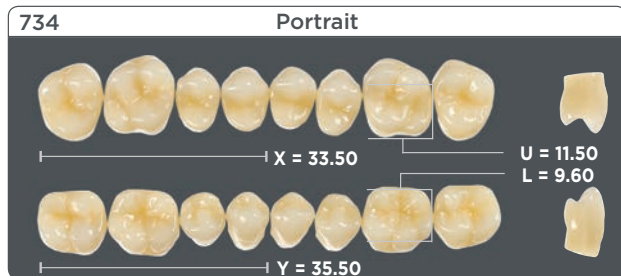
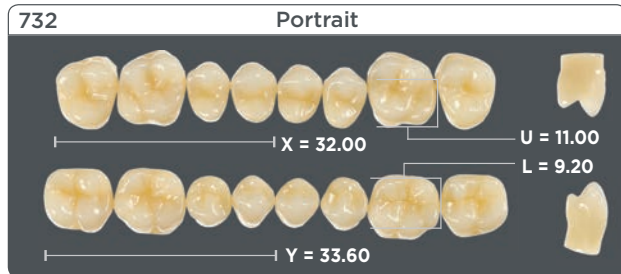
Portrait® IPN® 33° Posteriors / Bioform® IPN® 33° Posteriors

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

Denture Base

It's more than a good combination; it's a total solution. Dentsply Sirona offers the complete solution for all of your denture needs. Complement Portrait IPN teeth with Lucitone® denture base acrylics. Lucitone® 199 has over 40 years of clinical success. Lucitone® HIPA is the first pour acrylic to meet both ISO standards for improved impact resistance¹ delivering high strength and color stability.

Lucitone 199® Denture Base Resin

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

- Denture base acrylic with over 40 years of clinical success
- Industry benchmark for high strength and impact resistance
- Lower residual monomer and porosity
- Lifelike aesthetics with special fibers and balanced translucency to replicate natural gingiva
- Available in four shades: original, light, light reddish pink and dark pink

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 cure¹
- Color stability
- Accurate fit to model
- Excellent bonding to IPN® teeth
- Available in 5 shades: original, light, light reddish pink, original opaque and dark pink

Digital Dentures. The upgrade you've been waiting for.

Dentsply Sirona has partnered with AvaDent® to bring you digital dentures that have improved the process of making dentures, offering exceptional quality and a simplified process with fewer adjustments and remakes. Whether you prefer to scan and mill in your lab, or scan and let us take care of the rest, you can count on a more efficient workflow and new business that will breathe new life into your lab.

- Provides the ultimate in Dentsply Sirona materials and aesthetics
- The Dentsply Sirona Digital Dentures are designed by AvaDent to your specifications
- In-lab milled dentures require a 5-axis milling machine. Dentsply Sirona promotes open solutions and has prepared user guides for a variety of scanners and 5-axis milling machines to assist you in getting started with in-lab milled dentures.
- Each denture also comes with a Teeth Forever® Card. This provides access to a permanent record of the final denture case design



AvaDent is not a registered trademark of Dentsply Sirona

¹ 2012 Dentsply Sirona proprietary research

TRUEBYTE® SHADE GUIDES



Trubyte® Bioblend® Blend Selectors

The unique Bioblend Blend Selector displays a complete range of Bioblend Shade lifelike blends using a central, lateral, and canine set of shade tabs. You can select 1 of 12 blends which best harmonizes with the patient's hair, eyes, and complexion. Available in both porcelain and plastic materials.

Bioblend® IPN® Blend Selector

Black & Grey case containing 12 IPN blend tabs (36 teeth) for use with IPN and Plastic Bioblend teeth. (167-9510)..... Each

Bioblend® IPN® Porcelain Blend Selector

Black & Red case containing 12 porcelain blend tabs (36 teeth) (167-6190)..... Each



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.



Bioform® IPN® Plastic Shade Guides

Style "A"
Shades arranged from light to dark. (167-0934)..... Each

Style "B"
Shades arranged in 4 groups by hue. (167-0935)..... Each



Trubyte® TruExpression™ Plastic Shade Guide

Shade guide that consists of 18 shade tabs and holder. (167-0165)..... Each



Trubyte® Biofo Trubyte® Bioform®

Style "A"
Shades arranged from light to dark. (167-1070)..... Each

Style "B"
Shades arranged in 4 groups by hue. (167-5431)..... Each

Trubyte® New Hue® Plastic Shade Guide

Shade guide consisting of 10 shade tabs and holder (167-2610)..... Each



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® and Bioform® IPN® Anteriors		Portrait® IPN® and Bioform® IPN® Posteriors Moulds							
		Non-Anatomical		Semi-Anatomical			Anatomical		
Anterior Upper Mould No.	Articulates – With Anterior Lower	Portrait IPN 0°	Bioform IPN 0° Monoline	Portrait IPN 10°/ Bioform IPN Anatoline	Portrait IPN/ Bioform IPN 20°	Portrait IPN 22°	Bioform IPN PT 30°	Portrait IPN/ Bioform IPN 33°	Portrait IPN 40° EuroLine
11G	R	632	433	332	33M	532	233L	32L	732
11H	S, W	634	433	334, 336I	33M, 35M1	533, 536	233M, 233L	34M	734
12E	M, N	632	431	332	31M	532	230L, 233M	32L	732
12F	N	632	431	332	31M, 31L	532	233M	32L	732
12G	G, R, V	634	433	334	33M	533	233M	34M	734
13D	B, C	630	431	330	31S, 31M	530	230M	30L, 30LS	730
13E	H	630	431	330	31M	530	230L	30L	730
21C	C	630	429	330	29M, 29L	530	230L	30L	730
21D	F	630	429	330	29L	530	230L	30L	730
21E	O	632	431	332	31L, 33L	532	233L	32L	732
21F	L	632	431	332	31M, 31L	532	230L	30L	732
21G	W	634	433	334	33L	533	233L	34L	734
21J	I, K1, Rx	634	433	334, 336	33M, 35M	533, 536	233M, 233L	34L	734
21X	P	632	431	332	31M	532	233M	32M	732
22C	C	630	429	330	29M	530	230M	30M	730
22E	H	630	429	330	29L	530	230L	30L	730
22G	O, P	632	431	332	31M	532	233M	32M	732
22H	P	634	433	334	33M	533	233L	34L	734
24F	F, G, H	632	431	332	31M	532	230L	32L	732
25G	R	634	433	334	33M	533	233M	34L	734
31F	J, O, P, S	632	433	332	31L, 33L	532	233L	32L	732
32B	C	630	429	330	29M	530	230M	30M	730
32E	H	632	431	332	31M	532	230M	32M	732
32G	S	634	433	334	33M	533	233M	34L	734
35E	G	632	431	332	31M, 31L	532	230L	30L	732
36F	N, X	632	433	332	33M	532	233M	32L	732
41J ²	I, K1, Rx	634	433	336	35M	536	233L	34L	734
42D	F	630	429	330	29M, 29L	530	230L	30L	730
42F	H	632	431	332	31M	532	230L	32L	732
42G	O, P	632	431	332	31M, 33M	532	233M	32M	732
43D	C	630	429	330	29M, 29L	530	230L	30L	730
43F	M, N, X	632	431	332	31M	532	230L	32M	732
45F	J, O	632	431	332	31L	532	233M	32L	732
45H	R, V	634	433	334	33M	533	233L	34L	734
52C	C, D	630	429	330	29M	530	230M	30M	730
54F	J, N	632	431	332	31L	532	230L	32L	732
55D	E	630	429	330	29M	530	230M	30M	730
55F	M	632	431	332	31M	532	230L	32L	732
56G	P, V	632	433	332	31M, 33M	533	233M	32M	732
62D	F	630	429	330	29L	530	230L	30L	730
62E	F	630	431	330	31M, 31L	530	230L	30L	730
62G	K1, R, Rx	634	433	334, 336	33M, 35M	533	233L	34L	734
65G	J, O	634	433	334	33M	533	233M	34L	734
65H	S, U	634	433	334	33M, 33L	533	233M, 233L	32L	734
74E	L	630	429	330	29M, 29L	530	230L	30L	730
74H	K1	634	433	334, 336	33M, 33L	533	233L	34L	734
75E	N	630	429	330	29L	530	230L	30L	730
75G	R, V	632	431	332	31M	532	230L	32L	732
76D	C	630	429	330	29M	530	230M	30M	730
A84	N	632	431	332	31M	532	230L	32L	732

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

Dentsply Sirona | 570 West College Avenue | York, PA 17401 | 800-243-1942 | dentsplysirona.com





TruExpression®

Mould Chart – Custom Deluxe Denture Teeth

For dental professionals and laboratories



The ATS Mould Classification

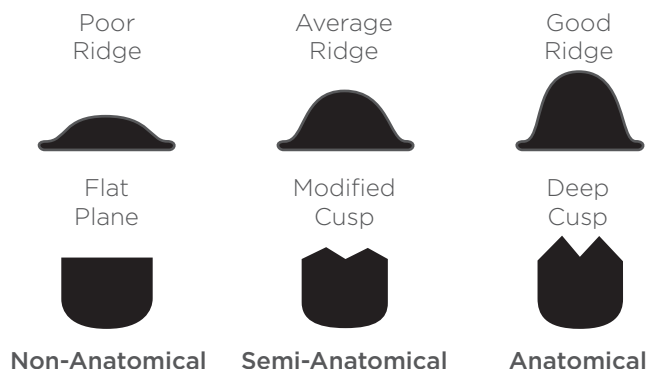
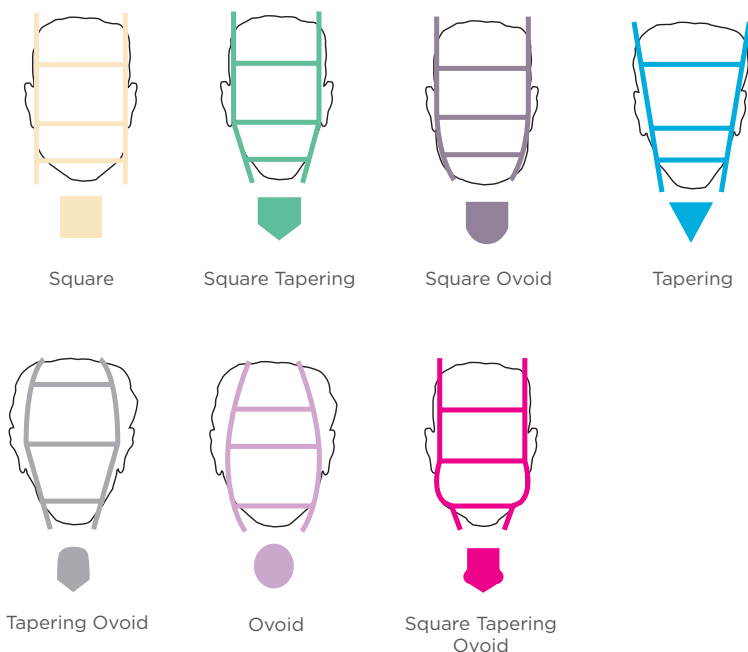
Anatoform Trubyte® System (ATS)

A legacy from which to learn, the Anatoform and Trubyte Systems revolutionized prosthetic dentistry over 100 year 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 new 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 tooth solution 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 five functional occlusal angle families.

7 Basic Facial Forms:

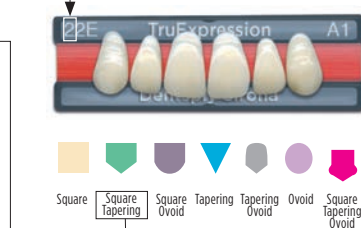


Steps to identify and select anterior moulds

1. First number: Classification

Using the classification form listed above, select the number from 1 to 7 that best represents the patient's facial form. 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

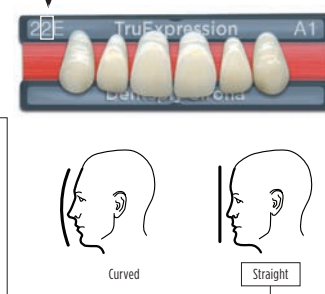


2. Second number: Proportion & Contour

Using a flat device such as the Dentsply Sirona Tooth Indicator (#98981), 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.

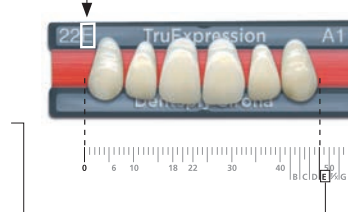
- | Proportion of the Tooth | Facial Contour |
|-------------------------|----------------|
| 1. Long | Straight |
| 2. Medium | Straight |
| 3. Short | Straight |
| 4. Long | Curved |
| 5. Medium | Curved |
| 6. Short | Curved |



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

Using the Dentsply Sirona MM Ruler (Part #3496), 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.



TruExpression® Denture Teeth

We Call It: Custom Deluxe!

Today's denture market is complex and demanding. Patients and dentists require options to address multiple patient needs for partial, full, and implant supported dentures.

TruExpression offers a harmony of "True-to-Life" shade blending and durable materials. For the patient seeking the next step in improved dental appearance and functional durability.

TruExpression Teeth for:

	Full Denture	Partial Denture	Implant Supported Denture
Veraform	X	X	X
Bioform	X	X	X
Highly Characterized	X	X	X



Highly Wear-Resistant Material

TruExpression is made from a multi-cross linked polymer known as MXL, allowing TruExpression teeth to wear gradually like natural dentition. The TruExpression denture teeth MXL material resists wear and maintains the denture teeth look and function.

TruExpression® - Bioform® Style and Highly Characterized Moulds

Choosing the right tooth for a patient can be difficult for the clinician or laboratory technician.

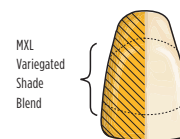
Dentsply Sirona makes it easy! All TruExpression teeth have been harmonized to fit within the trusted ATS tooth indicator system - a method of correlating the patient's facial shape, to the physiology of their natural dentition. Refer to pages 70 & 71.

TruExpression denture teeth are classified into two distinct mould families: Bioform Style and Highly Characterized (Hc).

Bioform Style

Anterior

- Traditional teardrop shaped moulds
- Bioform mould classification by face shape
- Designed to duplicate, natural teeth



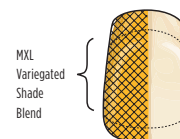
Posterior

- Easy to set-up
- Multiple cusp inclination angles

Highly Characterized

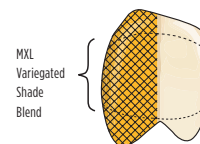
Anterior

- Long cervical/neck
- Broader body
- Reduced interdental papilla



Posterior

- Wide food platforms
- 40° cusps
- Long mould forms
- Characterized occlusal details

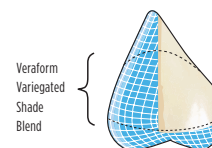


TruExpression Veraform™ Posterior Teeth

Posterior

Posterior

- Digitally designed anatomy
- Enhancement of natural details
- Deep occlusal angles
- Wide occlusal platforms





TruExpression® Anteriors Upper

Available in 16-shades (A1-D4)
and 2 bleach shades.

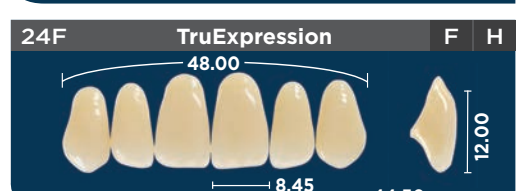
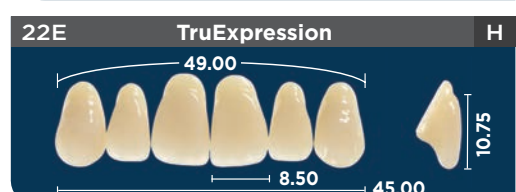
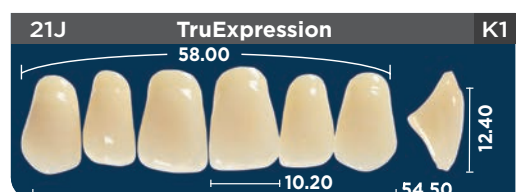
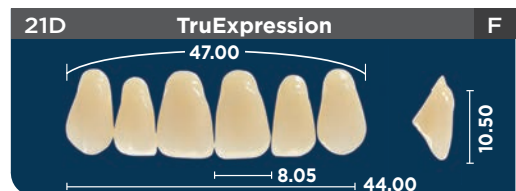
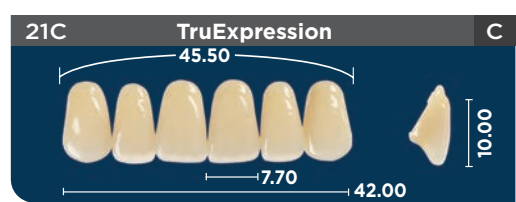
■ Square

Mould No.
(Lower
Articulation)

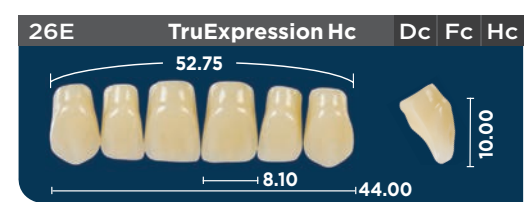


ARTICULATION	
13E	H
UPPER ANTERIOR	SUGGESTED LOWERS
Curve/Straight	
47.50/44.00	

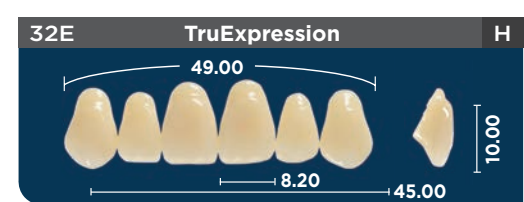
Square Tapering Mould No. (Lower Articulation)



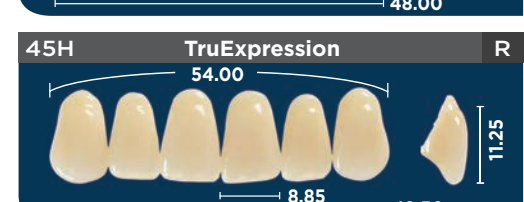
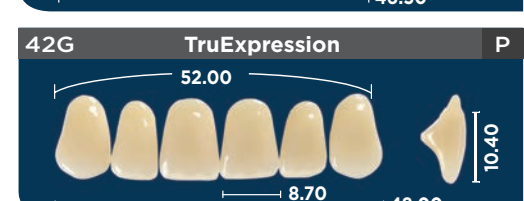
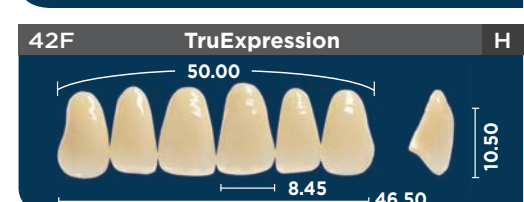
Square Tapering Mould No. (Lower Articulation)



Square Ovoid Mould No. (Lower Articulation)



Tapering Mould No. (Lower Articulation)





All dimensions in mm.
Images scaled to size.

55D Tapering Ovoid **EI**
Mould No. (Lower Articulation)



62G Ovoid **K1 R**
Mould No. (Lower Articulation)



65G TruExpression Hc **Dc Hc**

TruExpression Hc

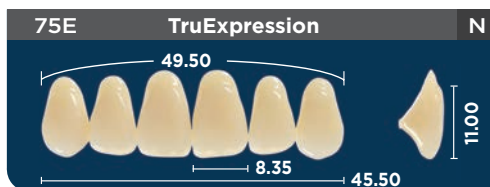
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8.10

46.00

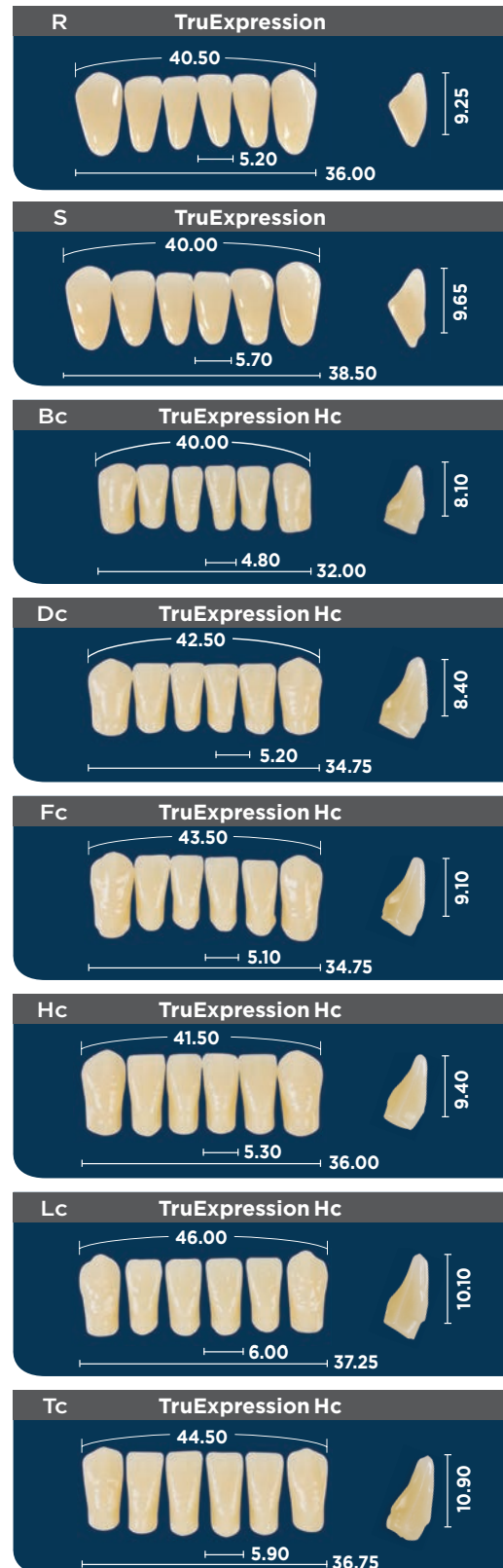
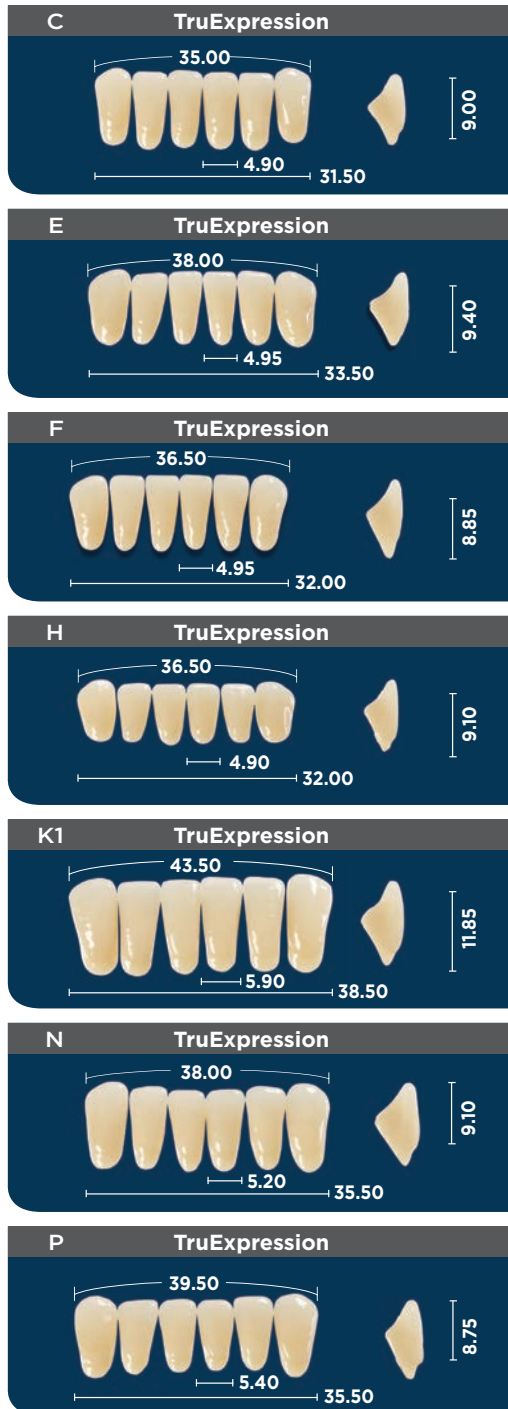
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75E Square Tapering Ovoid **N**
Mould No. (Lower Articulation)



TruExpression® Anteriors Lower

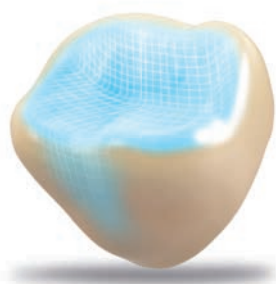
Available in 16 shades (A1-D4)
and 2 bleach shades.



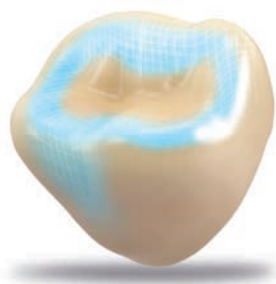
TruExpression Veraform™ Posterior Teeth

Available in 16 shades (A1-D4) and 2 bleach shades.
For full, partial and implant supported dentures.

TruExpression Veraform™ 10° Posteriors



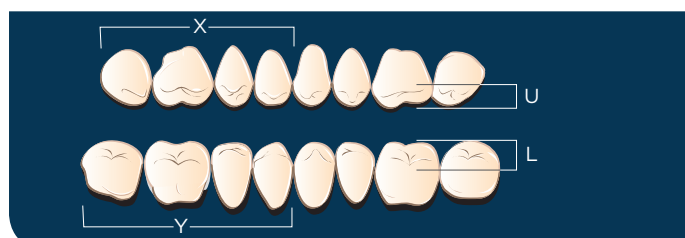
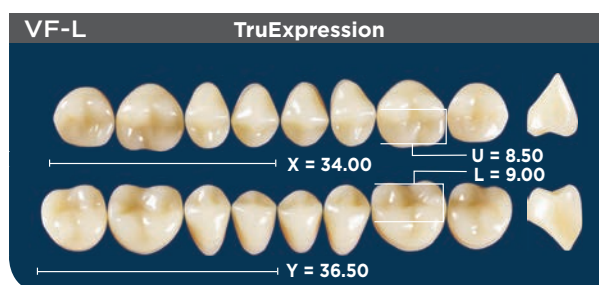
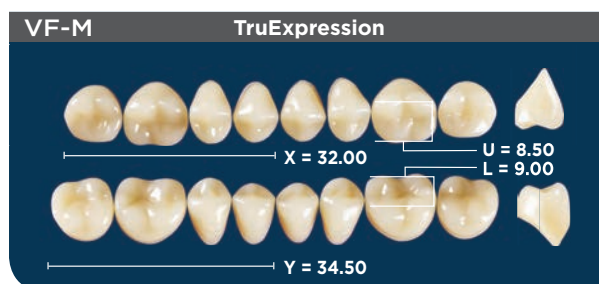
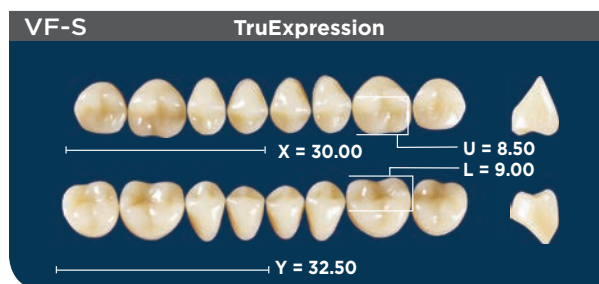
Designed to mimic natural dentition, even at 10° occlusal angle.



Wide food platform permits efficient mastication.

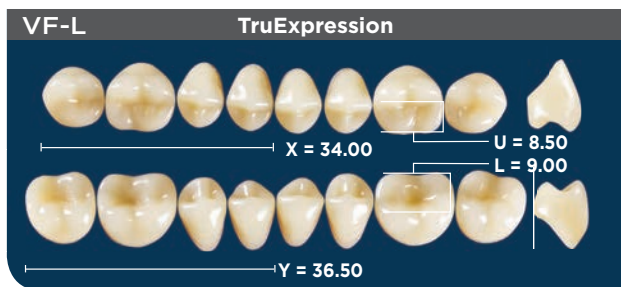
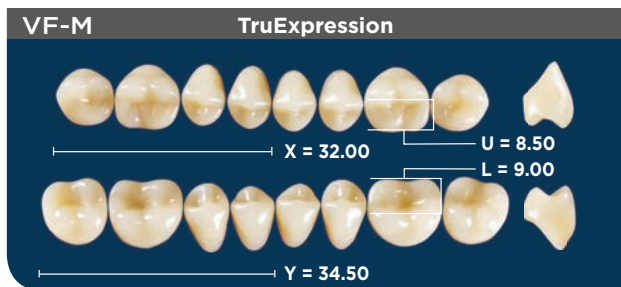
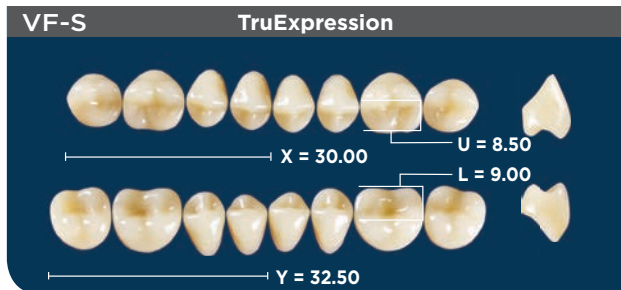


Occlusal anatomy delivers enhancement of natural details and features, while maintaining the same Dentsply Sirona ease of set-up.

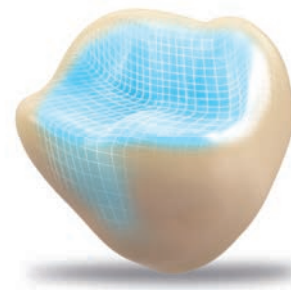


All dimensions in mm.
Images scaled to size.

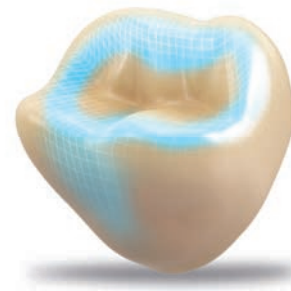
TruExpression Veraform™ 33° Posteriors



10° and 33° cusp angles allow for the selection of age appropriate aesthetics.



Deeper occlusal angles provide easy set-up against natural dentition - perfect for partial denture fabrication.



No grind design. The availability of both 10° and 33° occlusal angles minimizes your need to adjust the cusp height for proper set-up and supports natural jaw movement for the patient.

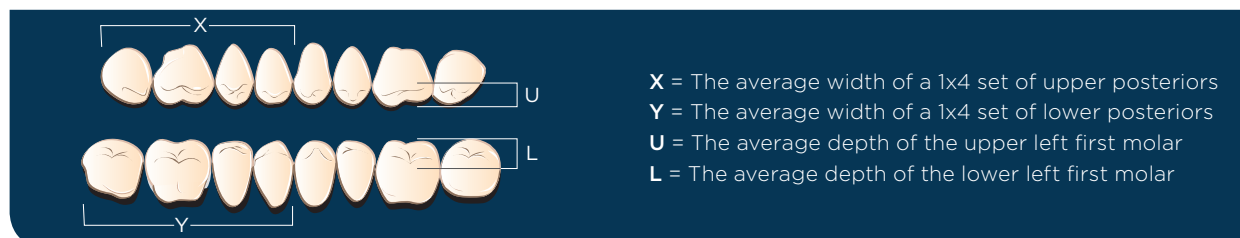
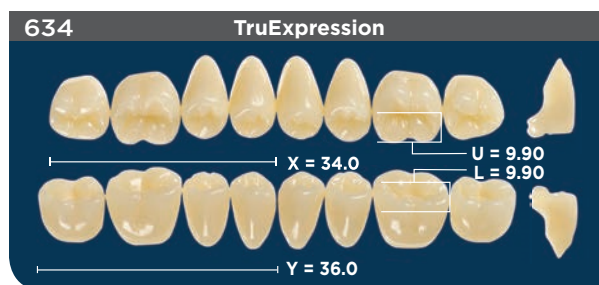
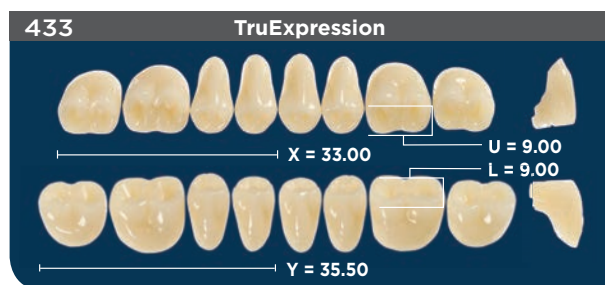
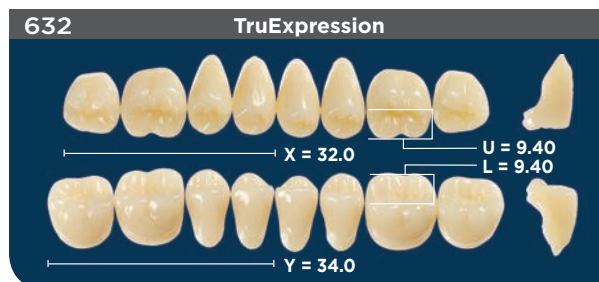
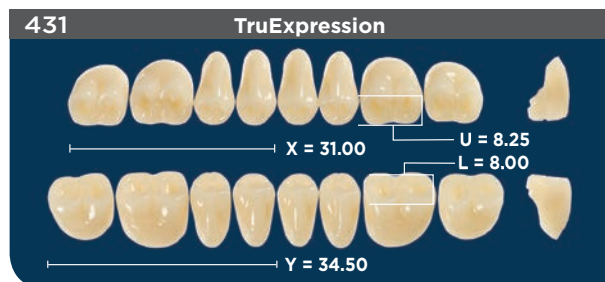
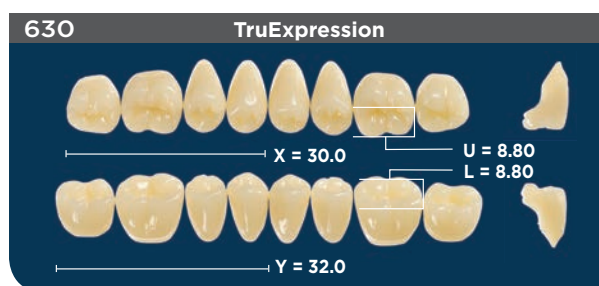
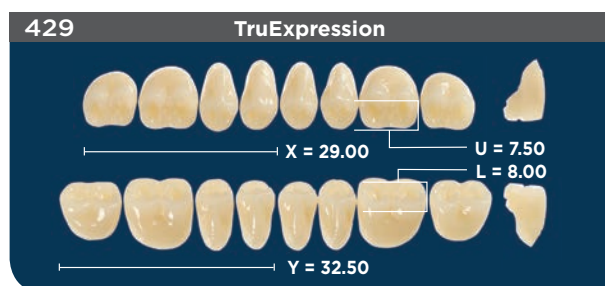


X = The average width of a 1x4 set of upper posteriors
Y = The average width of a 1x4 set of lower posteriors
U = The average depth of the upper left first molar
L = The average depth of the lower left first molar

TruExpression® Posterior Teeth

Available in 16 shades (A1-D4)
and 2 bleach shades.

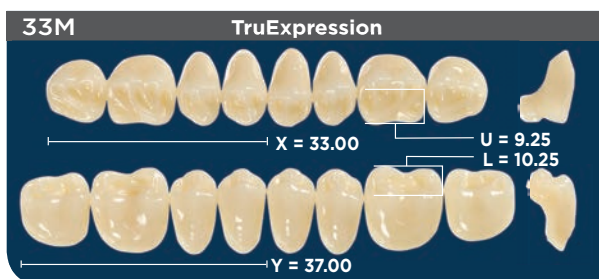
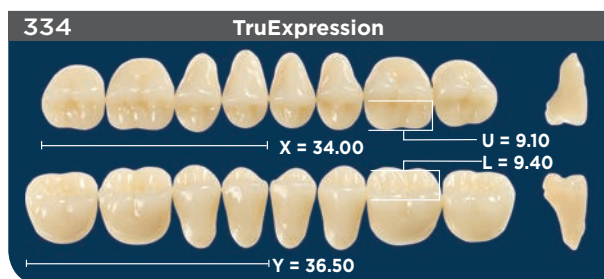
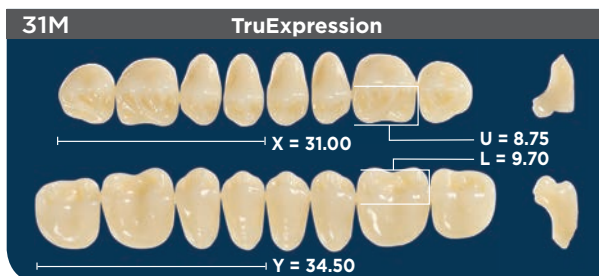
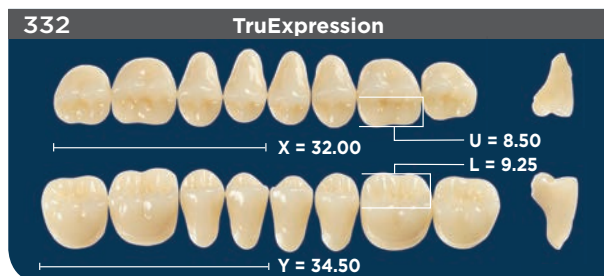
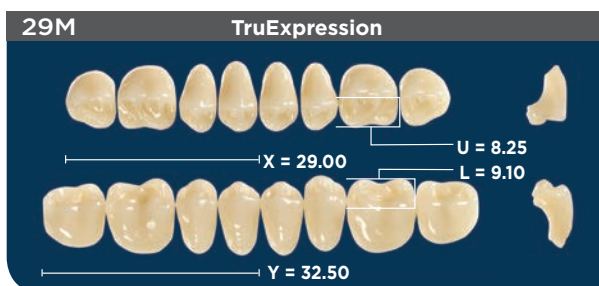
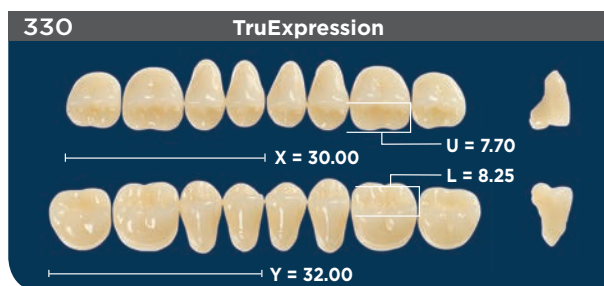
TruExpression 0° Posteriors



All dimensions in mm.
Images scaled to size.

TruExpression 10° Posteriors

TruExpression 20° Posteriors



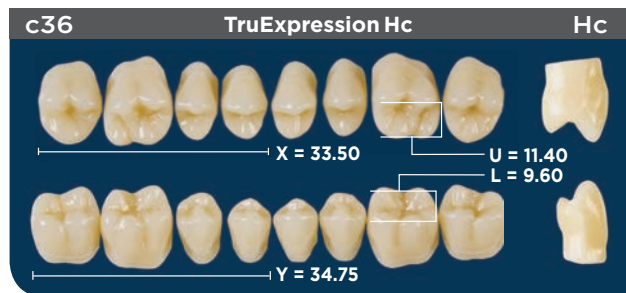
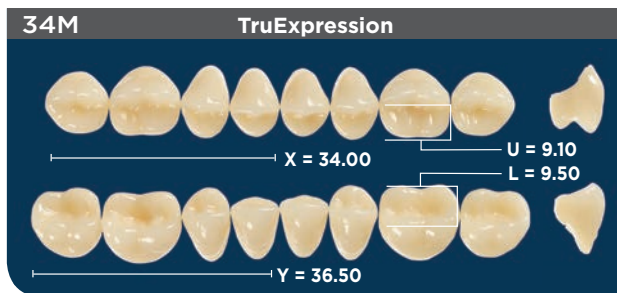
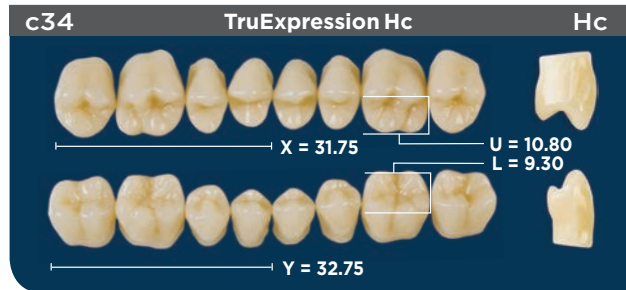
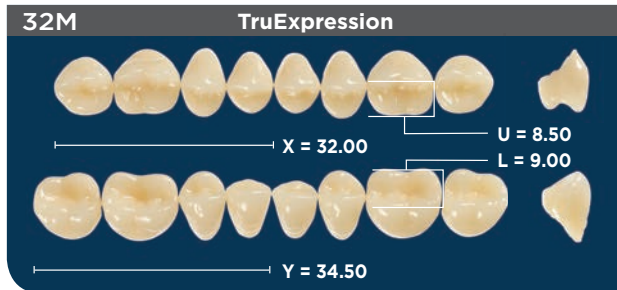
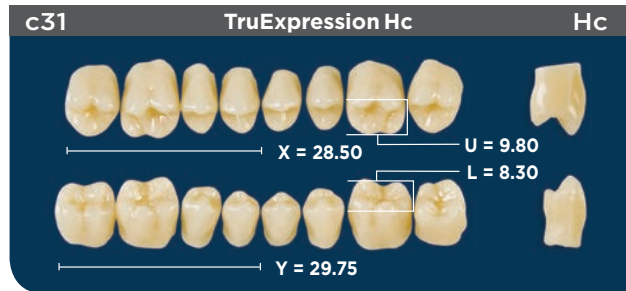
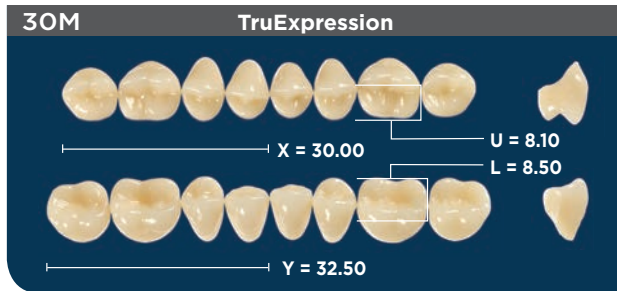
TruExpression® Posterior Teeth

Available in 16 shades (A1-D4)
and 2 bleach shades.

All dimensions in mm.
Images scaled to size.

TruExpression 33° Posteriors

TruExpression 40° Posteriors

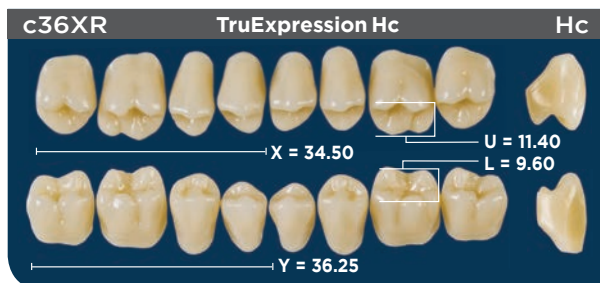
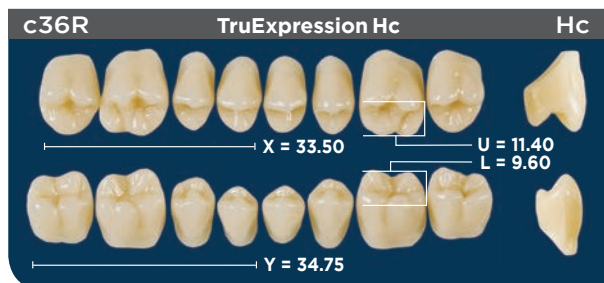
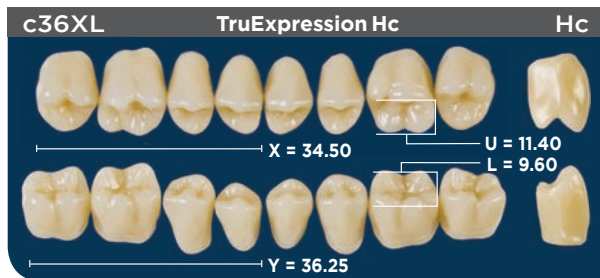
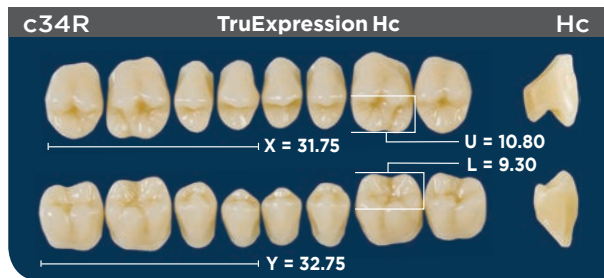


R Variation

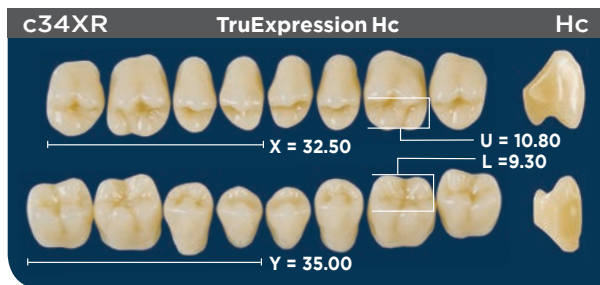
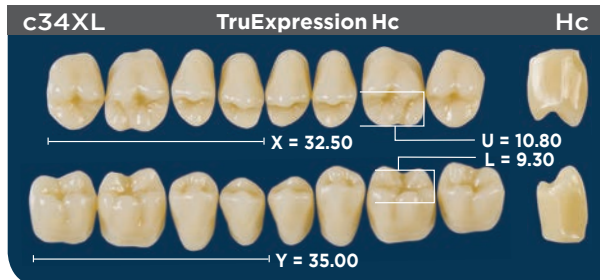
Exactly the same dimensions as normal moulds, except for a reduction in the ridge lap.

XL/XR Variation

Enlarged premolars, molar size is unchanged.



HIGHLY CHARACTERIZED ARTICULATION			
Hc KEY	NORMAL RIDGE LAP		
	R	REDUCED RIDGE LAP	
	XR	ENLARGED PREMOLARS/ REDUCED RIDGE LAP	
	XL	ENLARGED PREMOLAR	
	XR/XL Moulds For placement over implant bars, abutments and wide residual ridges, due to the broadened occlusal surface, which improves function and stability in the prosthesis.		



ISO 22112: 2017. Processing instructions available upon request.

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.

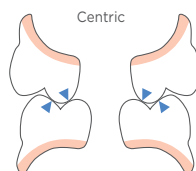
- Superior Strength – The high fracture resistance of Vitallium 2000 alloys enables dental laboratories to fabricate lighter, more refined partials for improved aesthetics and greater patient comfort.
- Predictability and Precise Fit – Vitallium 2000 alloys have a higher elongation value permitting predictable 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.

Lingualized Occlusion is a Set-Up Technique!

Some manufacturers market lingualized occlusion as a card of teeth when it is, in fact, a set-up technique. This simple and predictable occlusal approach, utilizing two points of contact, helps to enhance patient mastication, phonetics and deglutition.

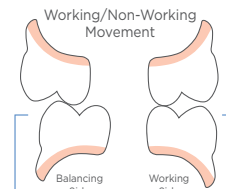
With TruExpression®, laboratories and dentists can work collaboratively to choose the posterior teeth most appropriate for the patient.

TruExpression® Occlusal Options



Lingualized Occlusion Options

40°/20°; 40°/10°
33°/20°; 33°/10°; 33°/0°
20°/10°; 20°/0°
10°/0°



Balanced Occlusion Options

40°/40°
33°/33°
20°/20°
10°/10°
0°/0°

TruExpression® Shade Guide

TruExpression teeth are available in

- 16 A1-D4 shades*
- 2 bleach shades

Most Popular Shades:

A2, A1, A3, A3.5, B1, C1, C2, B2

Shade Guide Ref: 905637



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

Combination Table

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

TruExpression® Anteriors		TruExpression® Posteriors				
Anterior Upper Mould No.	Articulates with Anterior Lower	Non-Anatomical	Semi-Anatomical		Anatomical	
		0°	10°	20°	33°	40°
11H	S	433, 634	VF-L, 334	33M	VF-L, 34M	c36, c36R, c36XL, c36XR
12E	N	431, 632	VF-M, 332	31M	VF-M, 32M	c34, c34R, c34XL, c34XR
12G	R	433, 632	VF-L, 334	33M	VF-L, 34M	c36, c36R, c36XL, c36XR
13E	H	431, 630	VF-S, 330	31M	VF-S, 30M	c31, c34XL, c34XR
14G	Hc, Lc	433	VF-L, 334	33M	VF-L, 34M	c34, c34R, c34XL, c34XR c36, c36R, c36XL, c36XR
14J	Lc, Tc	433	VF-L, 334	33M	VF-L, 34M	c36, c36R, c36XL, c36XR
15FX	Dc, Fc, Hc	431	VF-M, 332	31M	VF-M, 32M	c34, c34R, c34XL, c34XR
21C	C	429, 630	VF-S, 330	29M	VF-S, 30M	c31, c34XL, c34XR
21D	F	429, 630	VF-S, 330	29M	VF-S, 30M	c31, c34XL, c34XR
21J	K1	433, 634	VF-L, 334	33M	VF-L, 34M	c36, c36R, c36XL, c36XR
22E	H	429, 630	VF-S, 330	29M	VF-S, 30M	c31, c34XL, c34XR
24F	F, H	431, 632	VF-M, 332	31M	VF-M, 32M	c34, c34R, c34XL, c34XR
24G	Hc, Lc	433	VF-L, 334	33M	VF-L, 34M	c34, c34R, c34XL, c34XR c36, c36R, c36XL, c36XR
25FX	Dc, Fc, Hc	433	VF-L, 334	33M	VF-L, 34M	c34, c34R, c34XL, c34XR
26D	Bc, Fc	431	VF-S, 330	31M	VF-S, 30M	c31
26E	Dc, Fc, Hc	431	VF-M, 332	31M	VF-M, 32M	c34, c34R, c34XL, c34XR
26FX	Bc, Dc	431	VF-M, 332	31M	VF-M, 32M	c31
32E	H	431, 632	VF-M, 332	31M	VF-M, 32M	c34, c34R, c34XL, c34XR
42D	F	429, 630	VF-S, 330	29M	VF-S, 30M	c31, c34XL, c34XR
42F	H	431, 632	VF-M, 332	31M	VF-M, 32M	c34, c34R, c34XL, c34XR
42G	P	431, 632	VF-M, 332	31M	VF-M, 32M	c34, c34R, c34XL, c34XR
45H	R	433, 634	VF-L, 334	33M	VF-L, 34M	c36, c36R, c36XL, c36XR
55D	E	429, 630	VF-S, 330	29M	VF-S, 30M	c31, c34XL, c34XR
62G	K1, R	433, 634	VF-L, 334	33M	VF-L, 34M	c36, c36R, c36XL, c36XR
65G	Dc, Hc	433, 634	VF-L, 334	33M	VF-L, 34M	
75E	N	429, 630	VF-S, 330	29M	VF-S, 30M	c31, c34XL, c34XR

Most Popular Bioform® Style Moulds								
Denture Teeth	Square		Square Tapering		Tapering		Ovoid	
	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower
		12E	N	22E	H	42G	P	62G
	11H	S	21J	K1	45H	R		

Most Popular Veraform™ Moulds			
Veraform Posteriors	Angle	Upper	Lower
	10°	VF-S	VF-S
	10°	VF-M	VF-M
	10°	VF-L	VF-L

Most Popular Highly Characterized Moulds						
Highly Characterized Anteriors	Square		Square Tapering		Ovoid	
	Upper	Lower	Upper	Lower	Upper	Lower
		14G	Hc, Lc	24G	Hc, Lc	65G

Highly Characterized Posteriors	Mould #		Half width of set (mm)		Depth of first molar (mm)	
	Upper	Lower	Upper	Lower	Upper	Lower
	c31	c31	28.5	29.75	9.8	8.3
	c34	c34	31.75	32.75	10.8	9.3
c34XR	c34XR	32.5	35.0	10.8	9.3	

NOTE: Face shapes relate to anteriors only.

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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

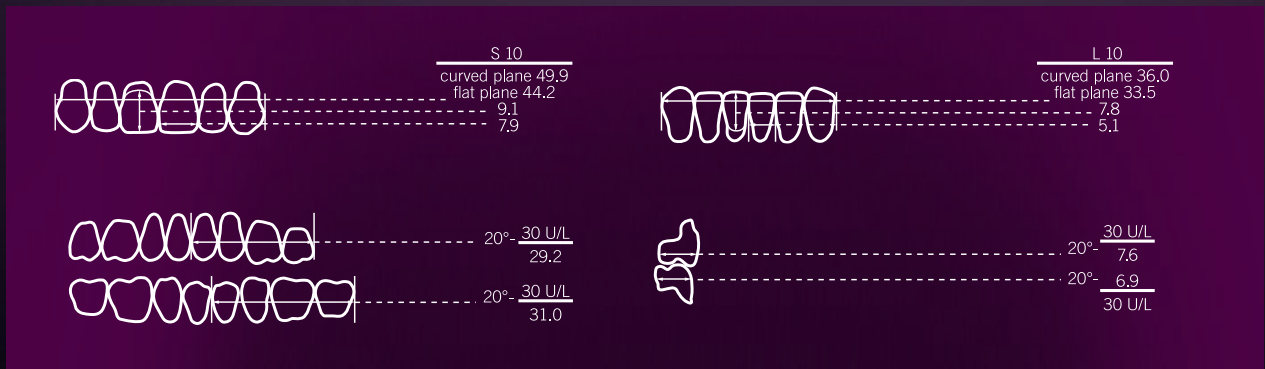
L 55

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



Pala Basic
Mould Chart

Giving a hand to oral health.



KULZER
MITSUI CHEMICALS GROUP

Anteriors



Anteriors

U 01




38.0
32.9
7.7
5.1

U 05



41.9
36.5
9.6
5.6

U 02



37.3
31.3
8.9
5.0

U 06



41.0
36.9
9.4
5.7

U 03



39.2
33.8
9.5
5.2

U 07



45.5
39.2
11.1
5.7

U 04



40.3
35.8
8.9
5.5

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.

Posteriors

GO



29.0
8.6

GU



HO



32.6
9.0

HU



34.6
8.9

Posteriors



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.

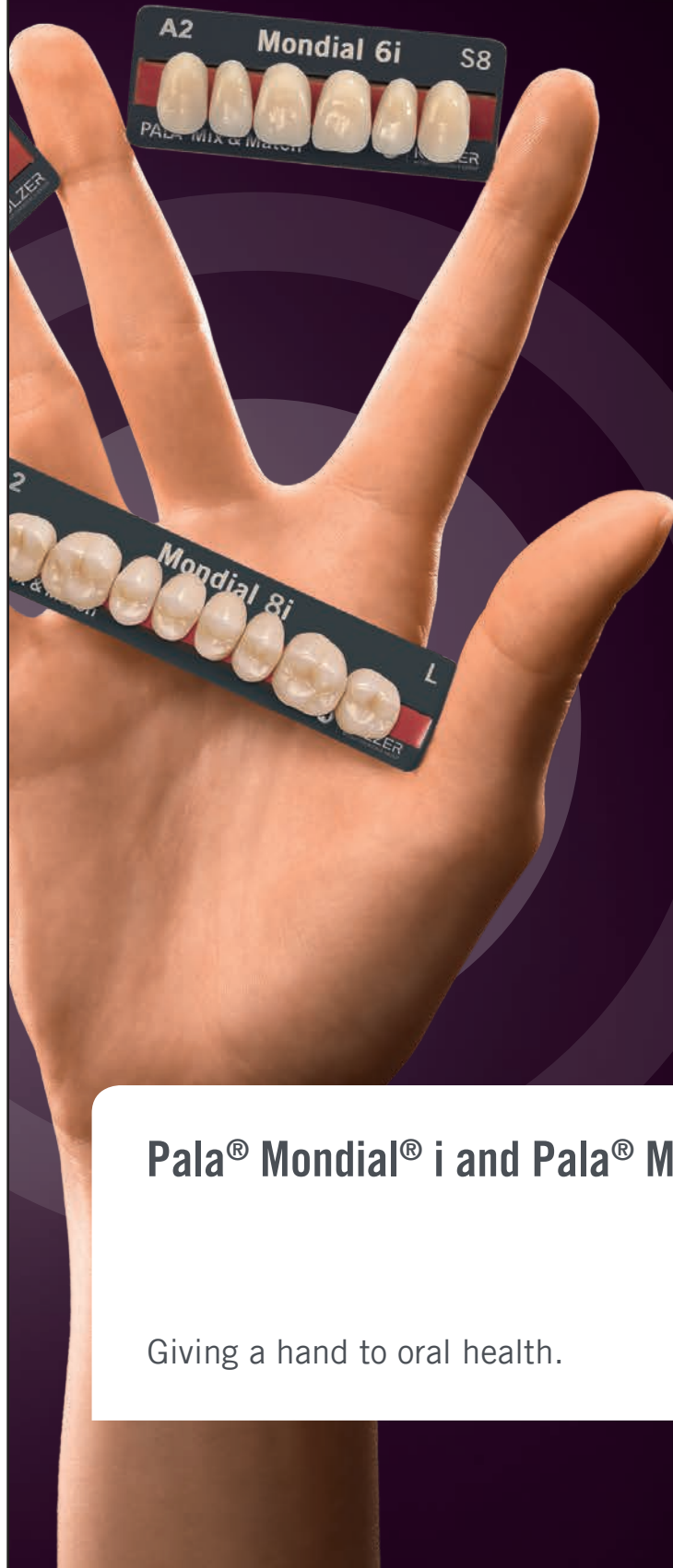
Between 1978 and 1995 the company was part of a major German chemicals company prior to its acquisition by Heraeus Kulzer in September 1995. Today the company is known as Heraeus Kulzer GmbH, Wasserburg. The plant forms an important part of one of the largest dental companies in the world.

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

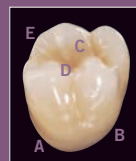
The facts

- 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

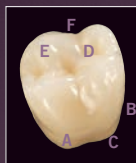
The facts

- 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

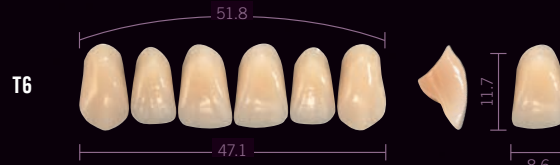
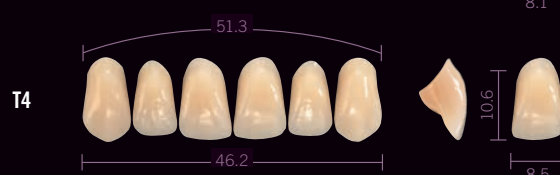
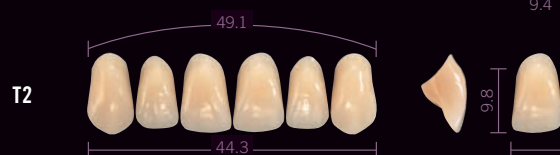
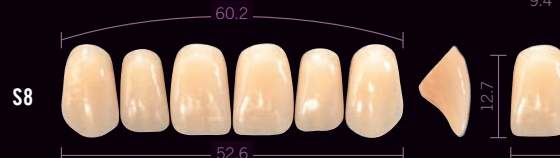
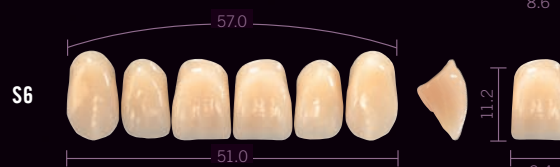
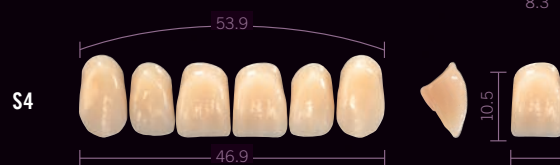
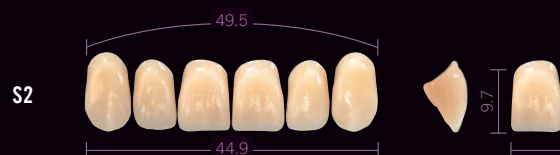
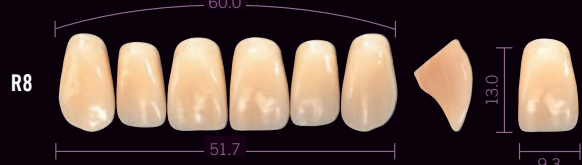
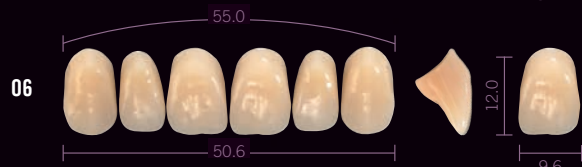
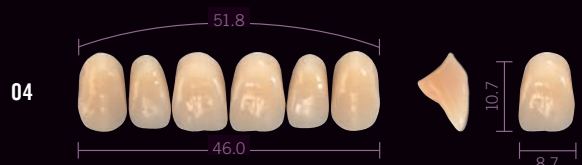


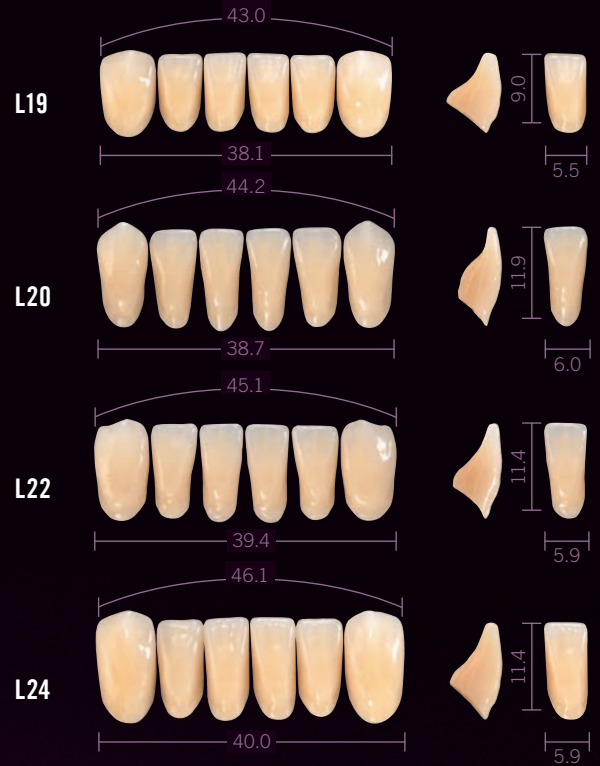
Mondial Posteriors

- 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

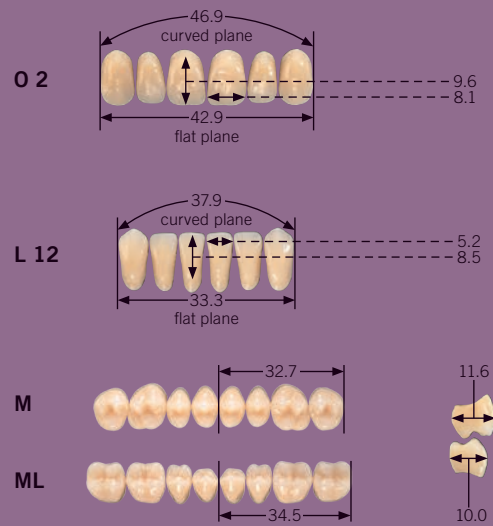


Mondial 6i Anteriors / Antérieures

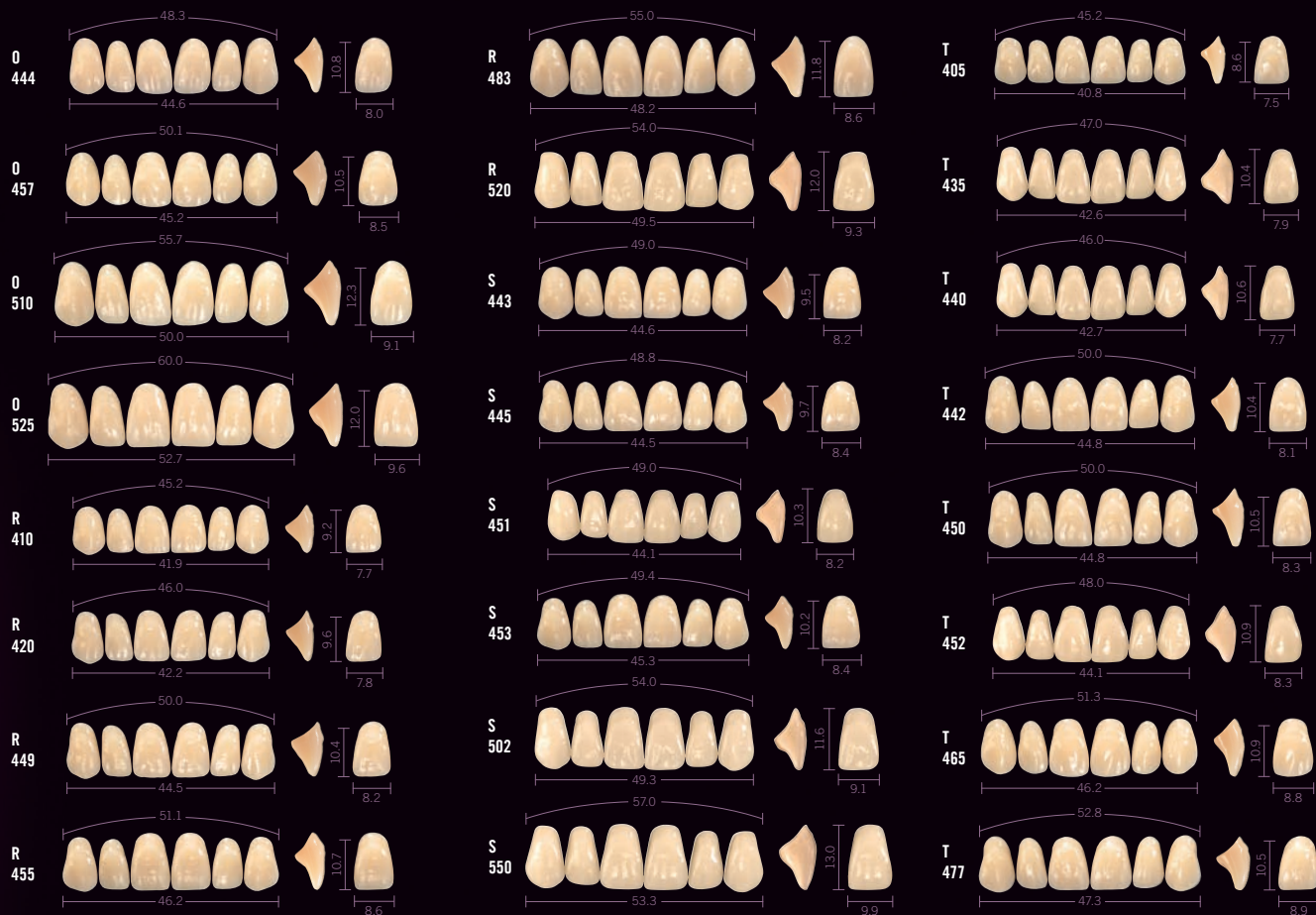


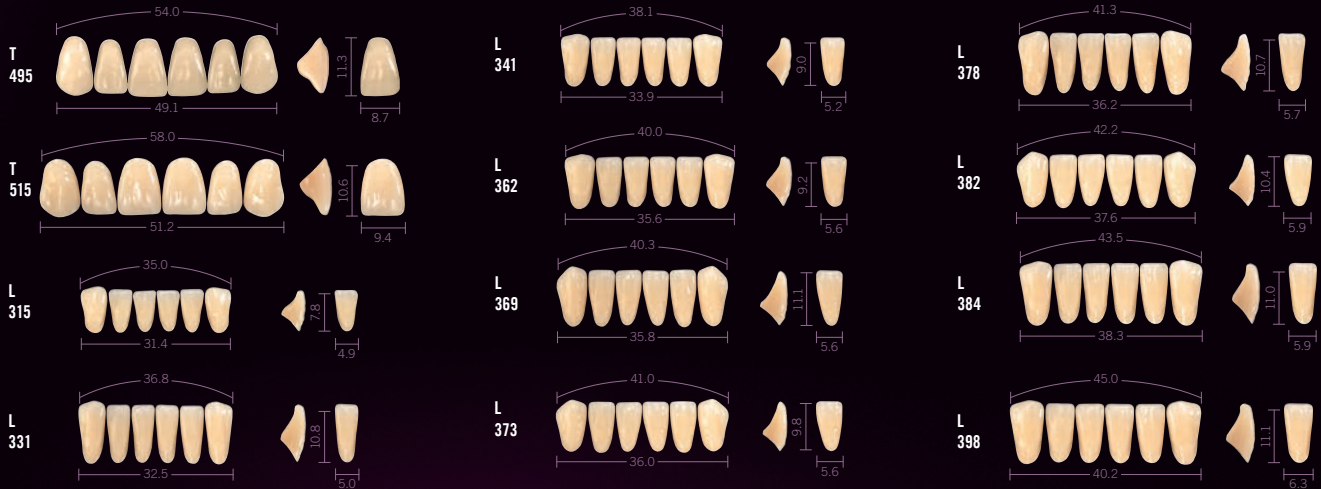


Pala Mix & Match

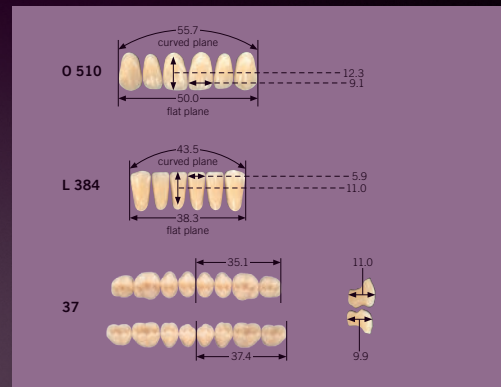


Mondial 6 Anteriors / Antérieures













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

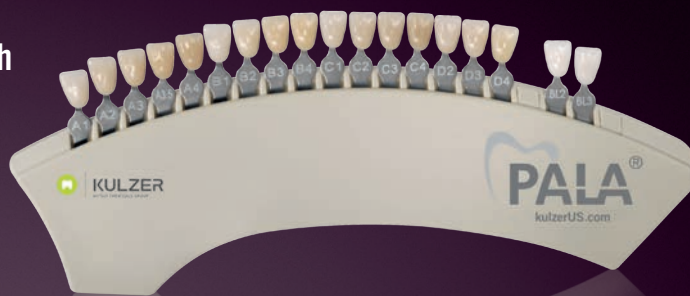
Teeth Shade Conversion Chart

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:

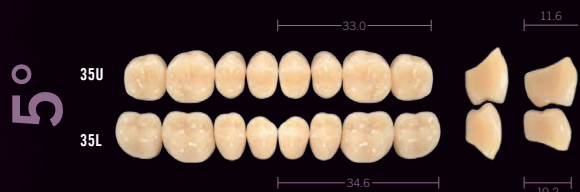
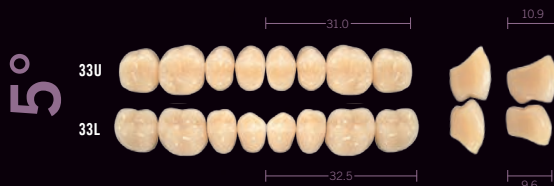
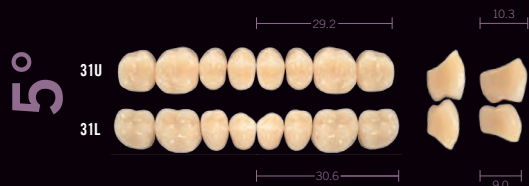
Studies demonstrate abrasion resistance

- 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**

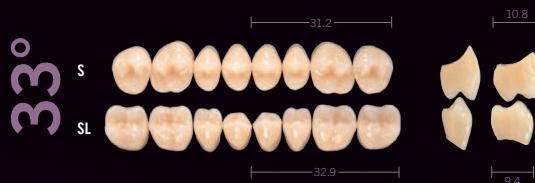
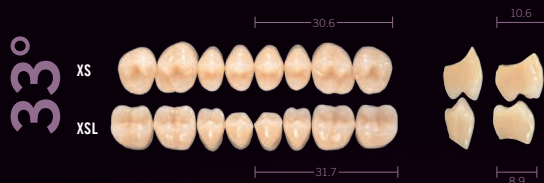
Mondial 8 Posteriors / Postérieures



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



A2

 40.3
 9.5
 7.3
 (11)

A64

 47.0
 9.7
 8.6
 (A71)

A4

 41.4
 9.6
 7.6
 (7)

A72

 49.0
 10.4
 9.1
 (A73)

A7

 43.5
 9.9
 7.9
 (7)

YM3

 41.5
 9.4
 7.9
 (11)

A9

 44.5
 10.5
 8.0
 (8)

YM5

 43.5
 10.4
 8.2
 (8)

A11

 48.0
 11.1
 8.8
 (14)

YW3

 45.5
 10.2
 8.6
 (13)

A13

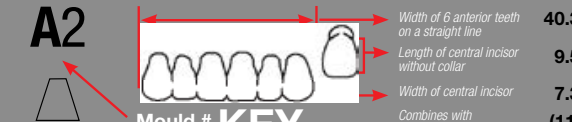
 50.3
 12.9
 9.3
 (16)

YW5

 46.8
 11.2
 8.9
 (14)

A43

 43.2
 9.2
 7.9
 (12)

A2

 40.3
 9.5
 7.3
 (11)

Mould # KEY

Width of 6 anterior teeth on a straight line
 Length of central incisor without collar
 Width of central incisor
 Combines with mandibular mould

all measurements in millimeters

A44

 45.0
 9.9
 8.3
 (13)

A52

 45.8
 10.4
 8.3
 (13)

A53

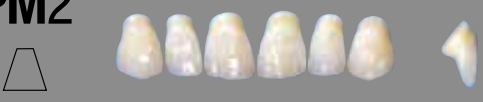



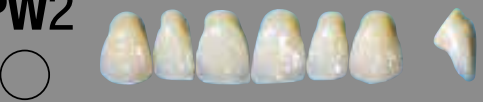
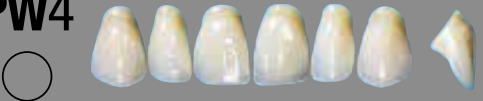
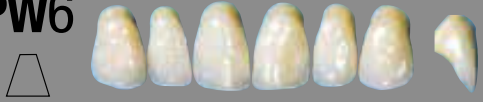
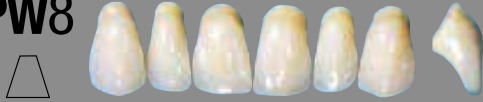
 47.0
 11.4
 8.6
 (16)

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.

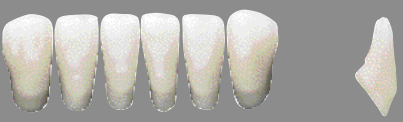










- 1. A or Aesthetic Moulds**
 - Slender forms with excellent balance between ridge lap & bite
 - Subtle labial carving and lifelike blending
- 2. Y or Youthful Moulds**
 - These are similar to A moulds in aesthetic concept except that they have a shorter ridge lap
 - Beautiful sculpting with a vigorous 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

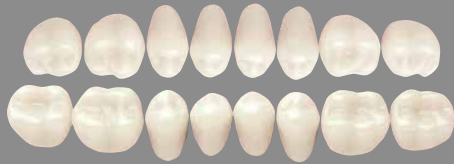
8		33.1 9.8 5.0
10		34.3 10.1 5.2
11		31.0 8.5 4.4
12		32.9 8.5 4.6
13		34.7 9.8 5.1
14		34.9 10.8 5.1
16		36.7 11.1 5.6
17		36.8 12.3 5.6
A63		34.7 8.0 5.4
A71		35.0 9.0 5.2
A73		36.5 9.0 5.5

myerson DB PLUS

30 DEGREE POSTERIOR TEETH

31

31.3 33.9

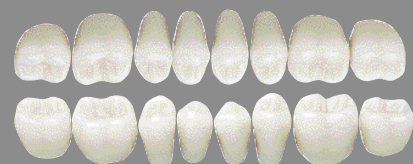


L30

28.8 30.2



9.10 9.15



33

31.8 35.7



9.60 9.82

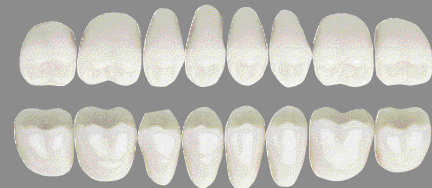


L32

31.2 31.1



9.15 9.15

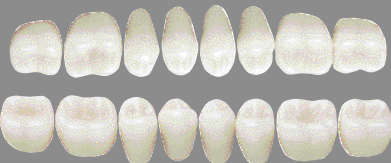


S30

28.5 29.4



9.12 8.53



X34

33.0 35.8



9.94 9.74

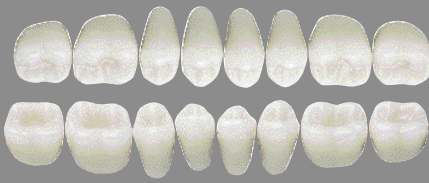


S32

31.6 32.0



9.54 9.09



BICUSPIDS ONLY

X36

15.7
*Width of 2



9.50 10.15



myerson

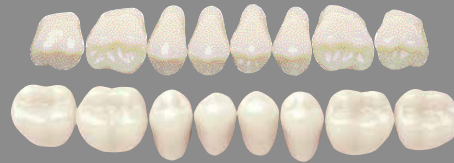
LINGUALIZED INTEGRATION

MC

31.2 32.3



9.30 8.50

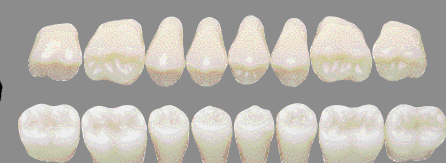


CC

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

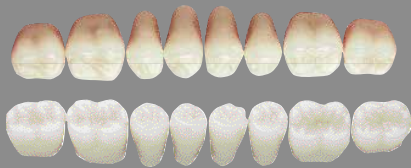
0 DEGREE

29

29.0 30.5



7.10 7.85

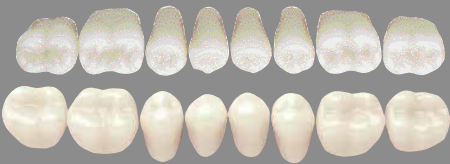


31

30.5 32.3



7.55 8.50

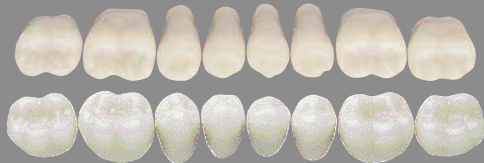


33

32.8 34.9



8.02 8.74



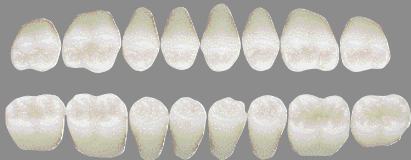
F-10

F29

28.6 31.6



8.36 7.48

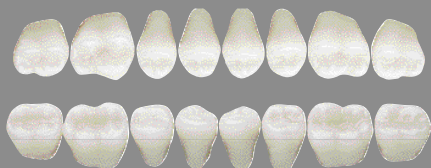


F31

31.0 31.8



9.19 8.37

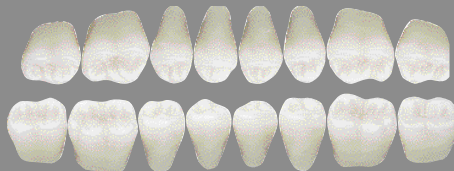


F33

32.8 34.3



9.62 9.09

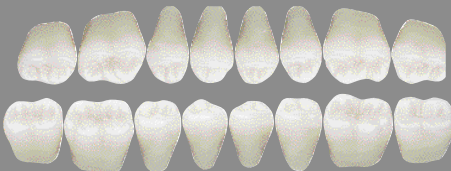


F35

36.5 37.5



10.8 9.62



20 DEGREE

29M

29.0 31.6



8.10 8.85

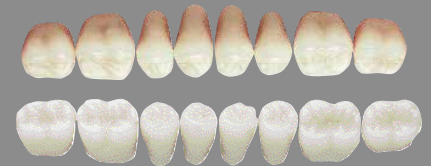


29L

29.0 31.4



8.85 8.70

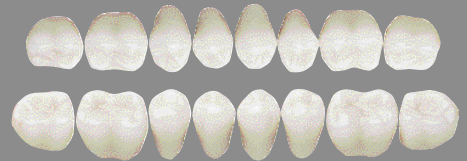


31M

31.4 31.6



8.10 9.10

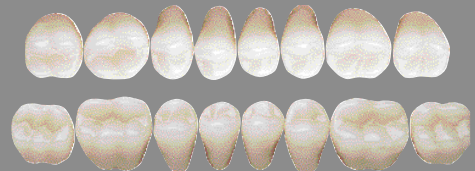


31L

31.8 34.8



9.55 9.25

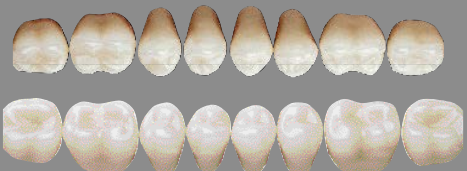


33M

33.1 35.8



8.35 9.40



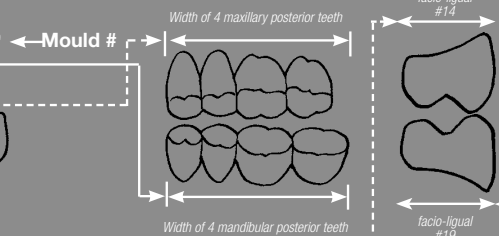
KEY

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 "enamelence" - 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 #

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

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

Iscio-lingual #14

Iscio-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)
O45		41.5 9.4 7.8 (L1)
O52		42.4 8.7 7.8 (L1)
O55		43.1 9.4 8.0 (L8)
O65		45.0 9.9 8.3 (L9)
O75		46.8 11.1 8.7 (L13)
O80		47.3 10.9 8.8 (L13)
O89		49.0 11.3 8.8 (L13)
O99		51.5 12.1 9.4 (L16)

T40		40.3 9.5 7.3 (L1)
T43		41.4 9.6 7.6 (L3)
T53		42.8 9.9 7.9 (L3)
T54		43.1 9.9 7.7 (L5)
T63		44.5 10.5 8.0 (L6)
T76		46.9 10.3 8.5 (L11)
T81		48.0 11.1 8.8 (L9)
T90		49.4 12.4 9.3 (L15)

TOOTH SHAPE KEY

LÉGENDE DE FORMES DES DENTS

O	T	S	R
OID EN FORME DE PELLE	TAPERING TRIANGULAIRE	SQUARE CARRÉ	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
↓ Tooth Shape Formes des dents		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**

**SQUARE
CARRÉ**

R40			39.5
			9.6
			7.0
			(L1)

S45			41.5
			8.7
			7.4
			(L1)

R41			40.5
			9.7
			7.2
			(L1)

S56			43.2
			9.2
			7.9
			(L5)

R58			43.5
			9.9
			7.9
			(L3)

S65			45.0
			10.6
			8.1
			(L7)

R61			43.8
			10.0
			8.1
			(L5)

S67			45.4
			9.6
			8.2
			(L7)

R69			45.8
			10.4
			8.3
			(L9)

S71			46.2
			10.1
			8.4
			(L11)

R78			47.0
			11.4
			8.6
			(L15)

S79			47.0
			9.2
			9.1
			(L13)

R88			49.0
			10.4
			9.1
			(L13)

S83			48.2
			10.2
			8.8
			(L13)

R91			50.3
			12.9
			9.3
			(L15)

S98			51.4
			10.5
			9.5
			(L13)

DB Plus RESIN ANTERIOR TEETH • MANDIBULAR

DB Plus RÉSINE ANTÉRIEURES • DU MAXILLAIRE INFÉRIEUR

L1			31.0
			8.5
			4.4

L5			32.9
			8.5
			4.6

L3			32.0
			9.1
			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



MANUFACTURED BY
myerson company limited
 3 Trinity Avenue
 Laventille, Trinidad & Tobago
 phone 868 623 1007

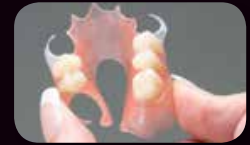
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 phone + 44 (0) 208 863 9044

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DURACETAL
COSMETIC APPLIANCES



Start getting a better night's sleep

Obstructive sleep apnea & snoring can be treated safely & effectively with the **EMA®** oral appliance from Myerson



enigma®

THE PREMIUM DENTURE SYSTEM

The award-winning teeth behind natural looking cosmetic dentures



*The Queen's Award
for "Teeth and
Denture System"*

As vital as your smile

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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			
							
	44.0	10.1	8.1		40.2	9.4	7.5
							
	44.6	10.0	8.3		43.0	9.6	7.9
							
	44.5	10.1	8.2		43.8	10.6	8.5
							
	45.0	9.7	8.4		47.4	10.5	8.9
							
	45.7	10.4	8.3		49.2	10.9	9.1
							
	46.3	10.5	8.6		42.7	9.8	8.2
							
	46.9	10.6	8.7		44.3	9.6	8.0
							
	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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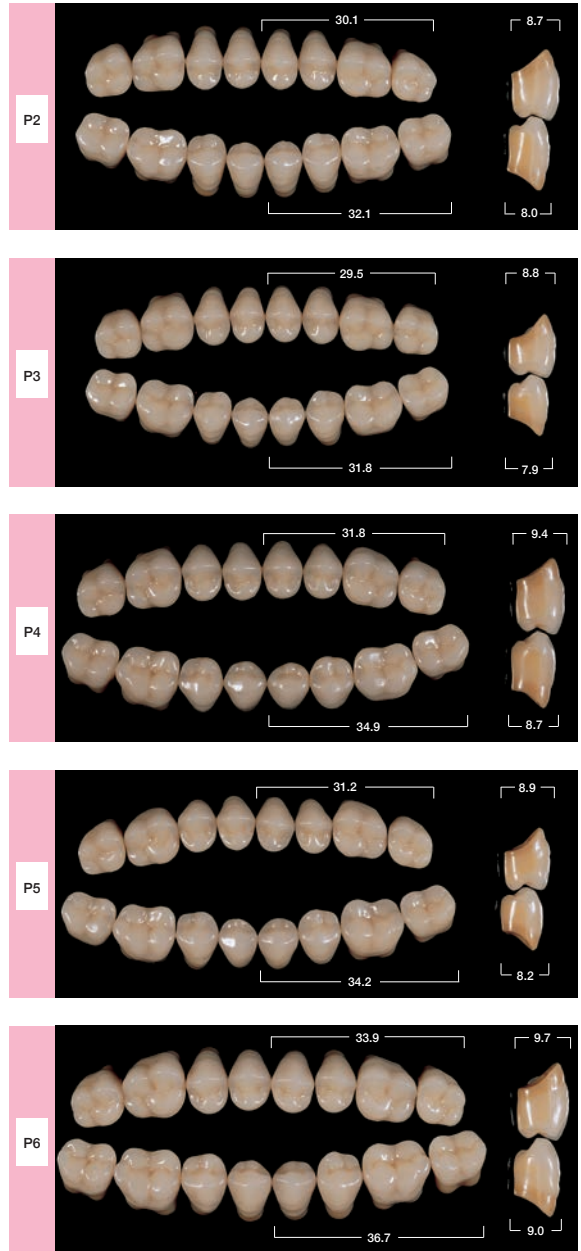
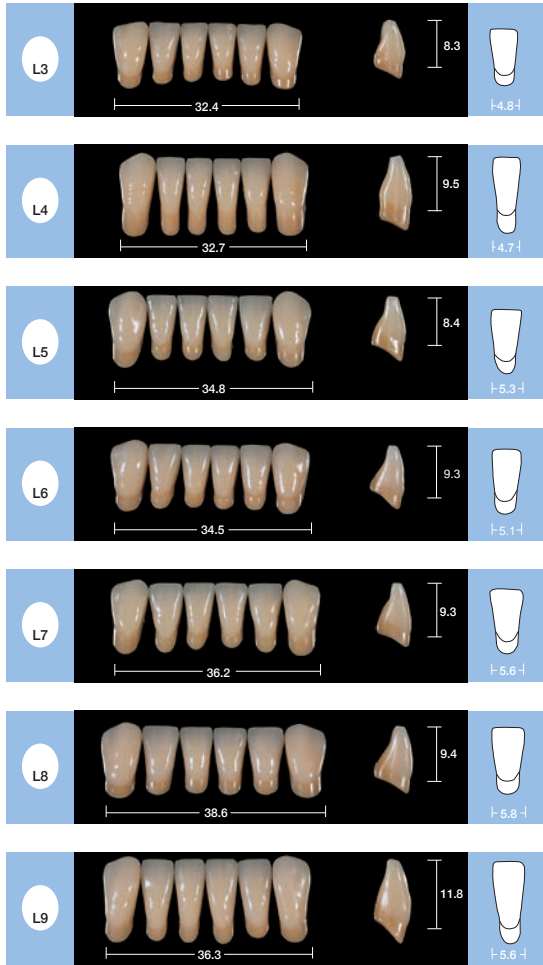
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Lower Anterior Teeth

Posterior Teeth

LOWER

POSTERIOR



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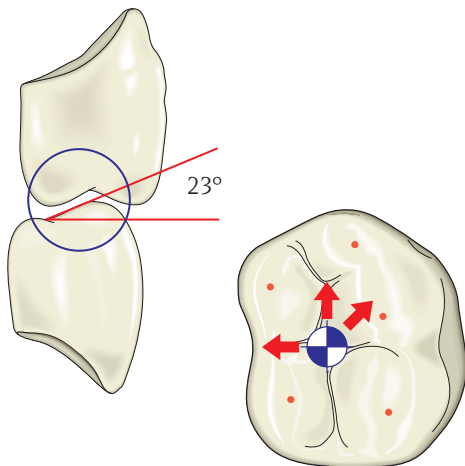
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Impressive Array of Natural Cosmetic Options

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.



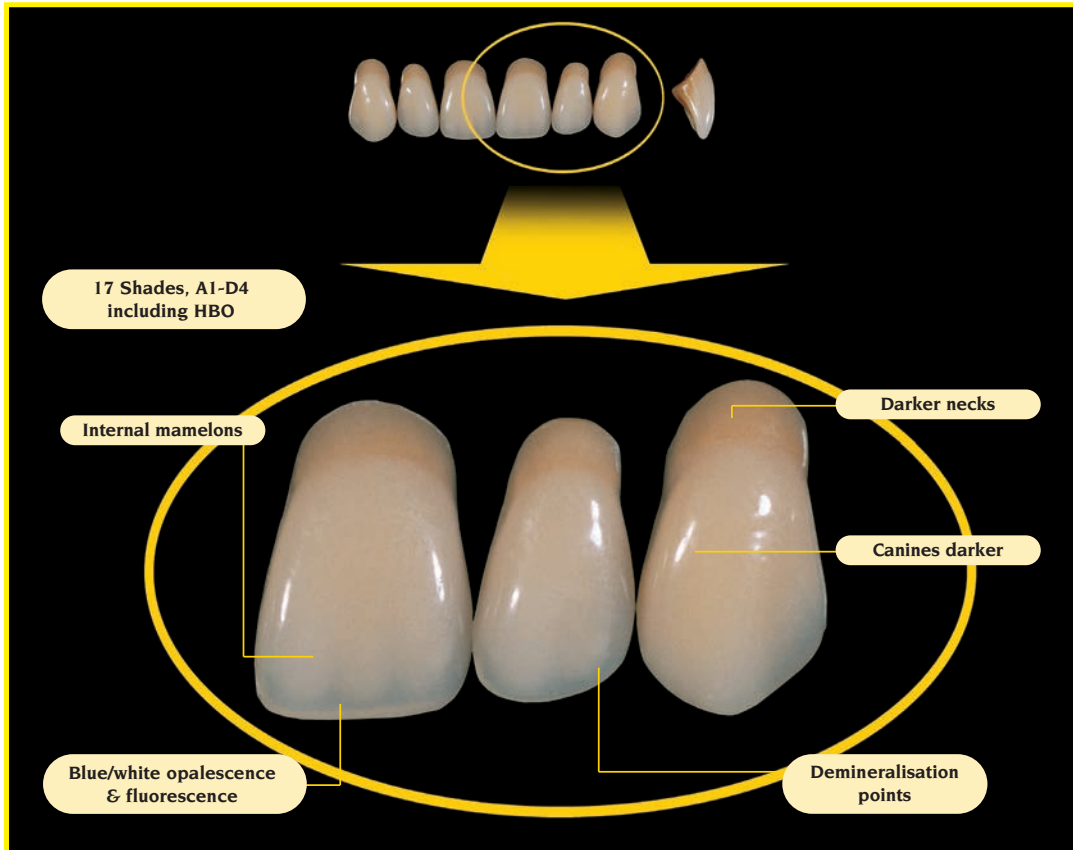
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Unique Enigma Characteristics

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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