

# enigma



**Enigma** - the teeth behind natural looking cosmetic dentures

MOULD CHART

# 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.

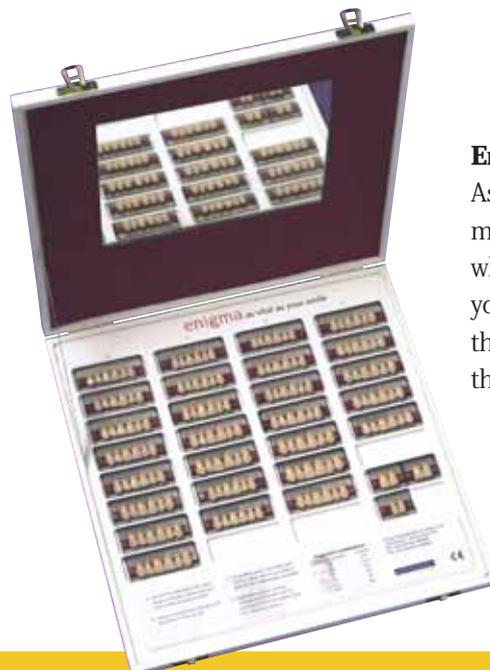


(Note: for a completely natural appearance, **Enigma** teeth should be used with **Enigma** High-Base and **Enigma** Colour Tone).

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.

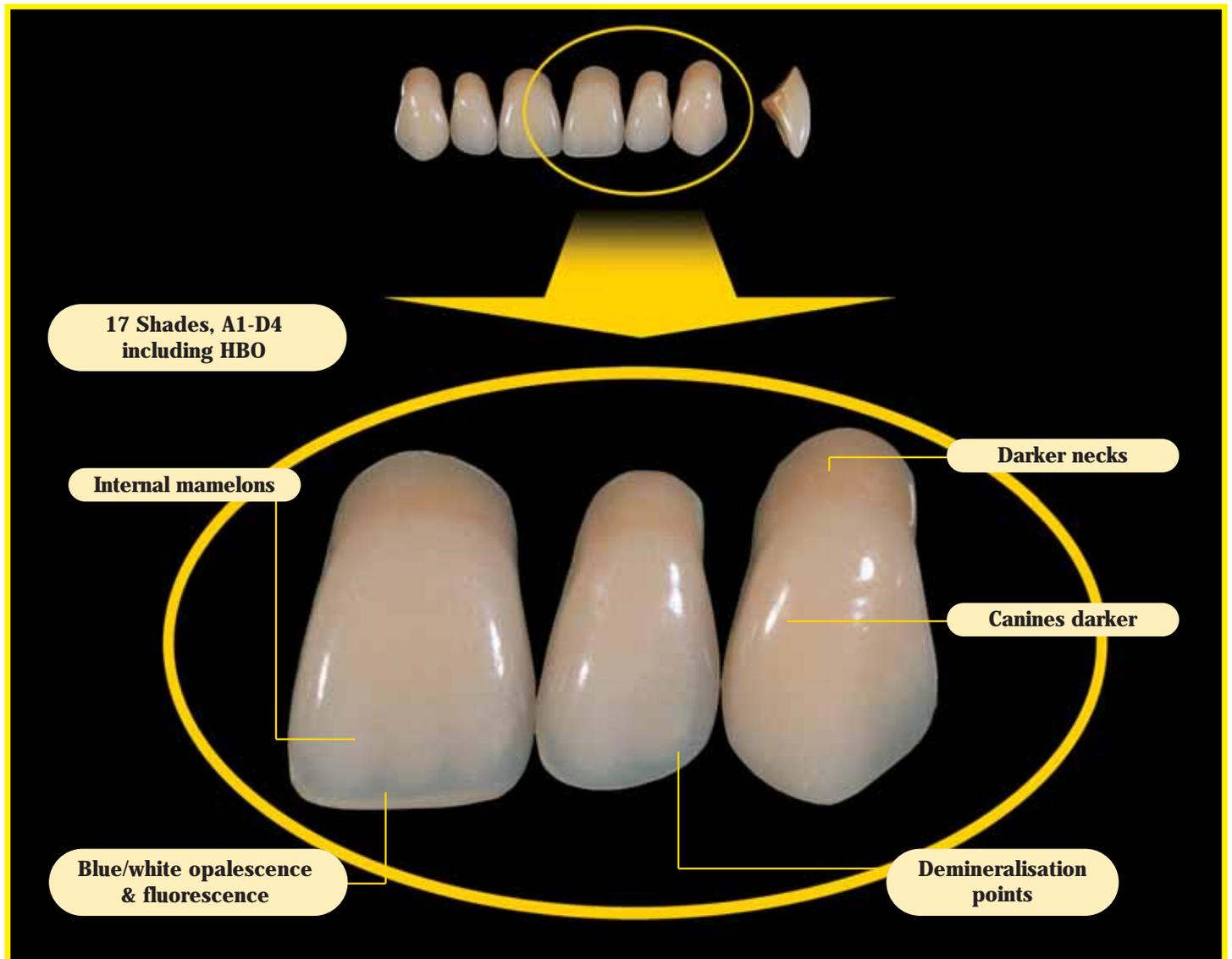
Look again at the centrals and you may see two very slight fingers of translucency, or mamelons, coming off the incisal edge. These beautiful and subtle effects, formed in natural teeth during development, break up the light and add character to the teeth. Frequently the necks of teeth or the central 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.

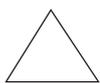
### Natural colour blending in Enigma teeth

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.

**D TAPERED**



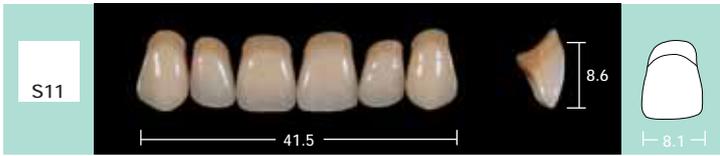
**K TAPERED**



**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

## Lower Anterior Teeth

### LOWER



## Posterior Teeth

### POSTERIOR



## Combination Tables

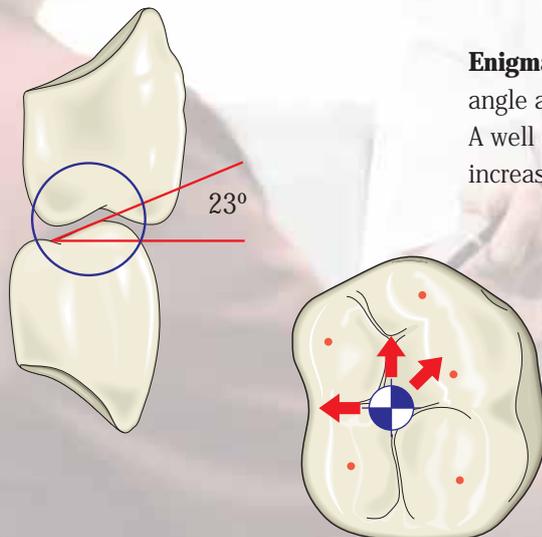
Anterior Teeth		Posterior Teeth
Upper	Lower	
S11	L3	P3
S12	L5	P3
S13	L5	P3/P5
S14	L6	P5
S15	L8	P4
S17	L9	P6
S66	L5	P5
K21	L3	P3
K22	L3	P3/P5
K24B	L4	P2
K25	L8	P4
K27	L8	P4
K41	L3	P3/P5
K42	L5	P3/P5
O31	L3	P3
O32	L3	P3/P5
O34	L5	P5
O36	L7	P5
O54	L5	P5
D36	L6	P3/P5
D56	L5	P5
D66	L5	P5
D67	L5	P5
D76	L7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





In 2004 Schottlander were honoured to receive the Queen's Award for the Enigma & Natura teeth and denture systems.

## Schottlander's Innovation Recognised

The official citation from the Queen's Awards Office read:

"The award to Davis Schottlander & Davis Ltd recognises this company's success in continuously improving a range of teeth and dentures.

The Company has created Enigma and Natura, two ranges of teeth and dentures that not only look more natural but also function better. This has been achieved by using advanced acrylic materials, a wider range of colours and better mechanical design, to give an improved "bite". Options available now take account of the different characteristics of ethnic groups. Continuous innovation in design and professional marketing have enabled this award winner to achieve a substantial share of the market and considerable commercial success whilst providing customers with better looking and performing dentures".

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