



enigma

With enigma only you and your patients
need know they're wearing dentures

Mould Chart



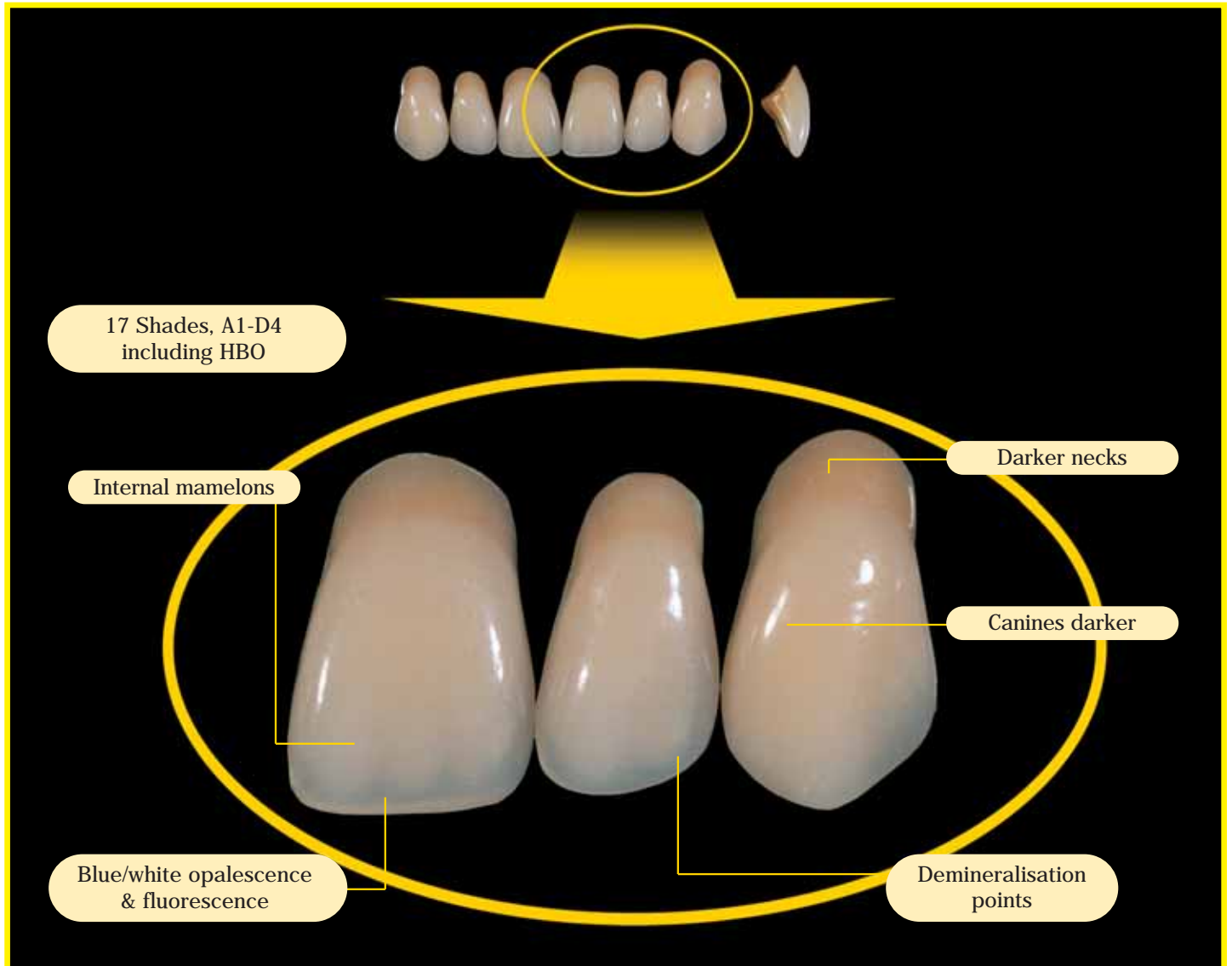
schottlander

Products for better dentistry

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.

After more than five years research and development Schottlander has created the enigma system - a range of teeth that means in future denture-wearing can be a secret shared only between dentist and patient. enigma teeth not only accurately reproduce the wide range of shades, translucencies and vitality of natural teeth but also assure exceptional strength and durability in the mouth. Their many advantages include:

- Natural colour blending through advanced tooling and precise computer-control of multiple colour layers. (see facing page).
- Naturally occurring blue/white opalescence and fluorescence.
- Canines darker mesially and more translucent laterally.
- Anteriors also available in pairs of centrals, laterals and canines. (see opposite).
- A wide range of Anterior moulds.
- 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.

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

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.

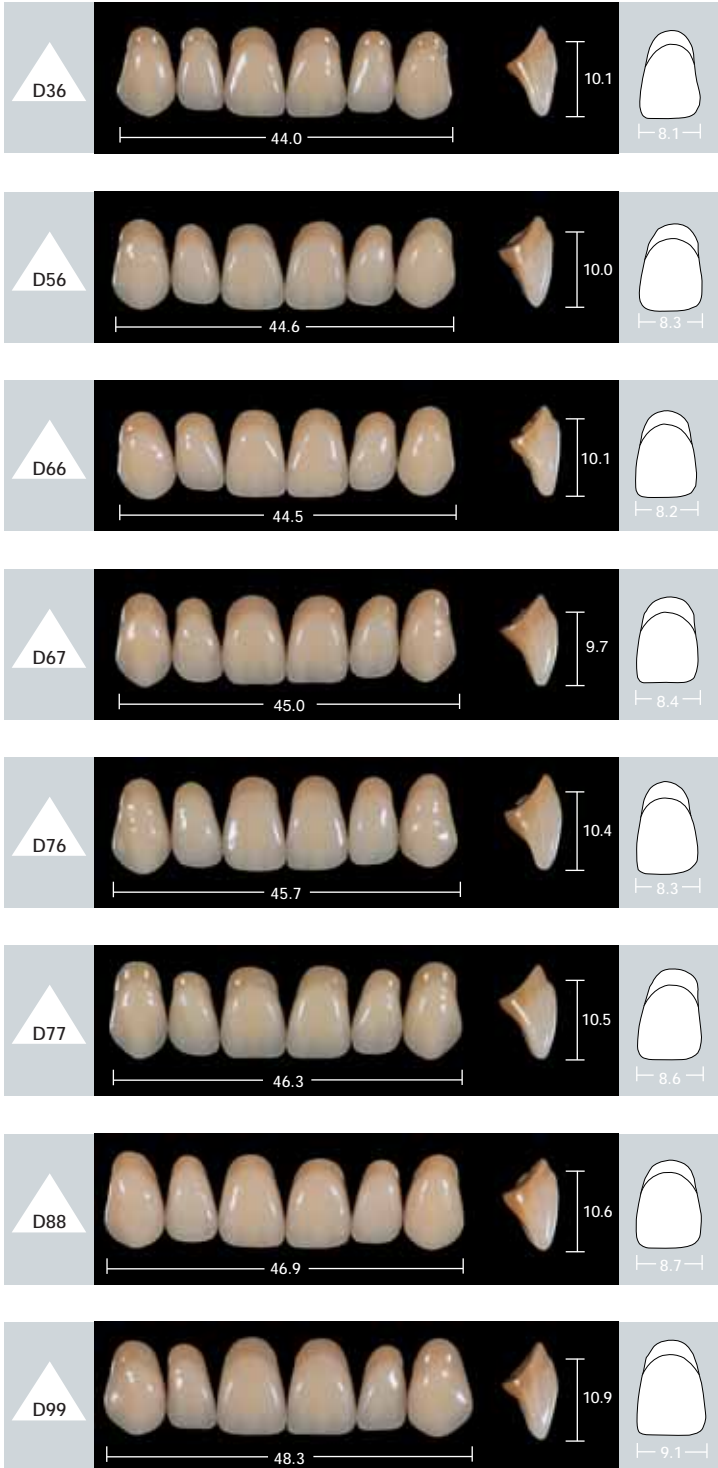
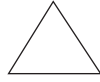


Suggested Combinations	
Centrals/Laterals	Canine
A1	A2
A2	A3
A3	A3.5
A4	B4
B1	B2
B2	B3
B3	B4
C2	D3
D2	D3

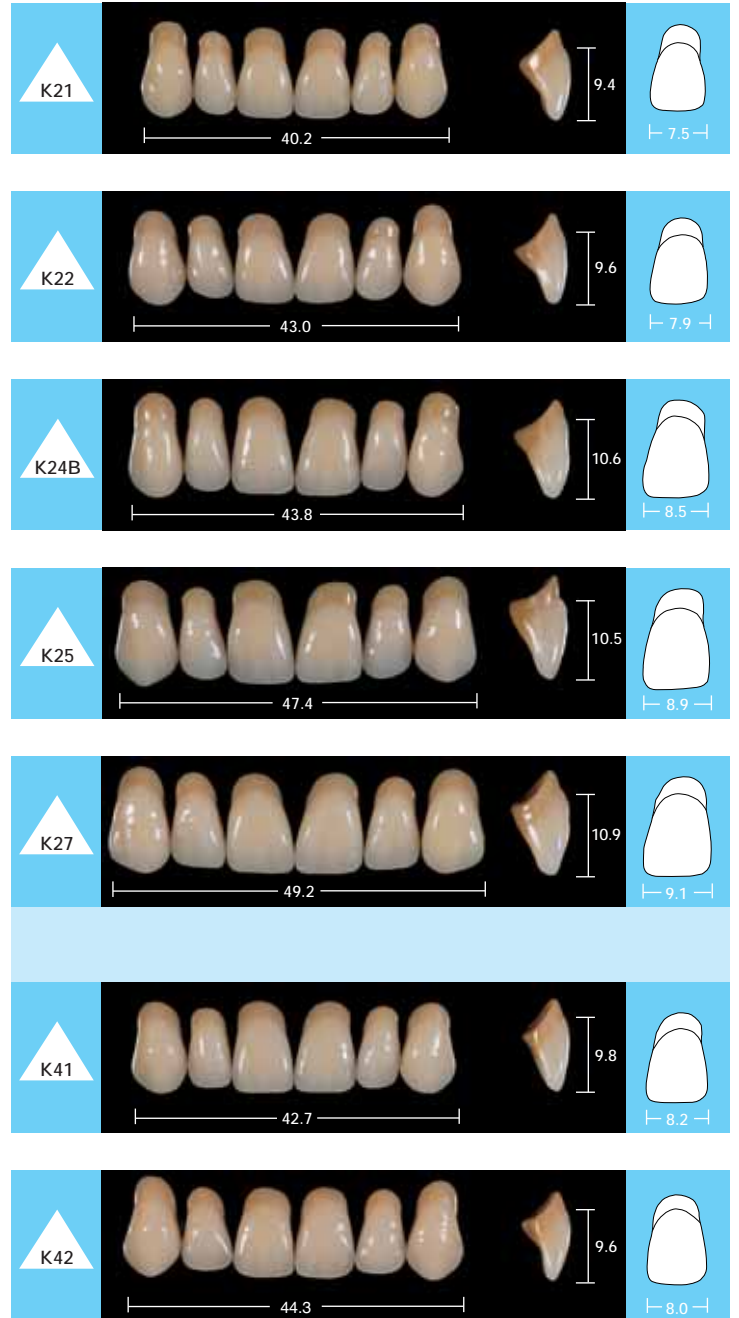
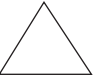


Upper Anterior Teeth

D TAPERED



K TAPERED



Upper Anterior Teeth

S SQUARE



O OVAL



Lower Anterior Teeth

LOWER



Posterior Teeth

POSTERIOR



Combination Tables

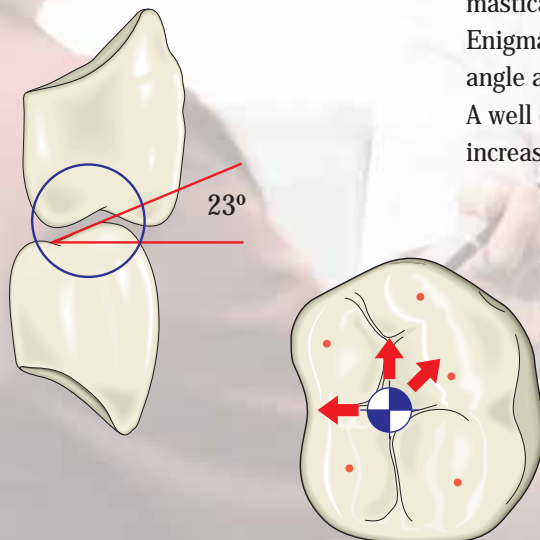
Anterior Teeth		Posterior Teeth
Upper	Lower	
S11	L3	P3
S12	L5	P3
S13	L5	P3/P5
S14	L6	P5
S15	L8	P4
S17	L9	P6
S66	L5	P5
K21	L3	P3
K22	L3	P3/P5
K24B	L4	P2
K25	L8	P4
K27	L8	P4
K41	L3	P3/P5
K42	L5	P3/P5
O31	L3	P3
O32	L3	P3/P5
O34	L5	P5
O36	L7	P5
O54	L5	P5
D36	L6	P3/P5
D56	L5	P5
D66	L5	P5
D67	L5	P5
D76	L7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

schottlander

committed to quality

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