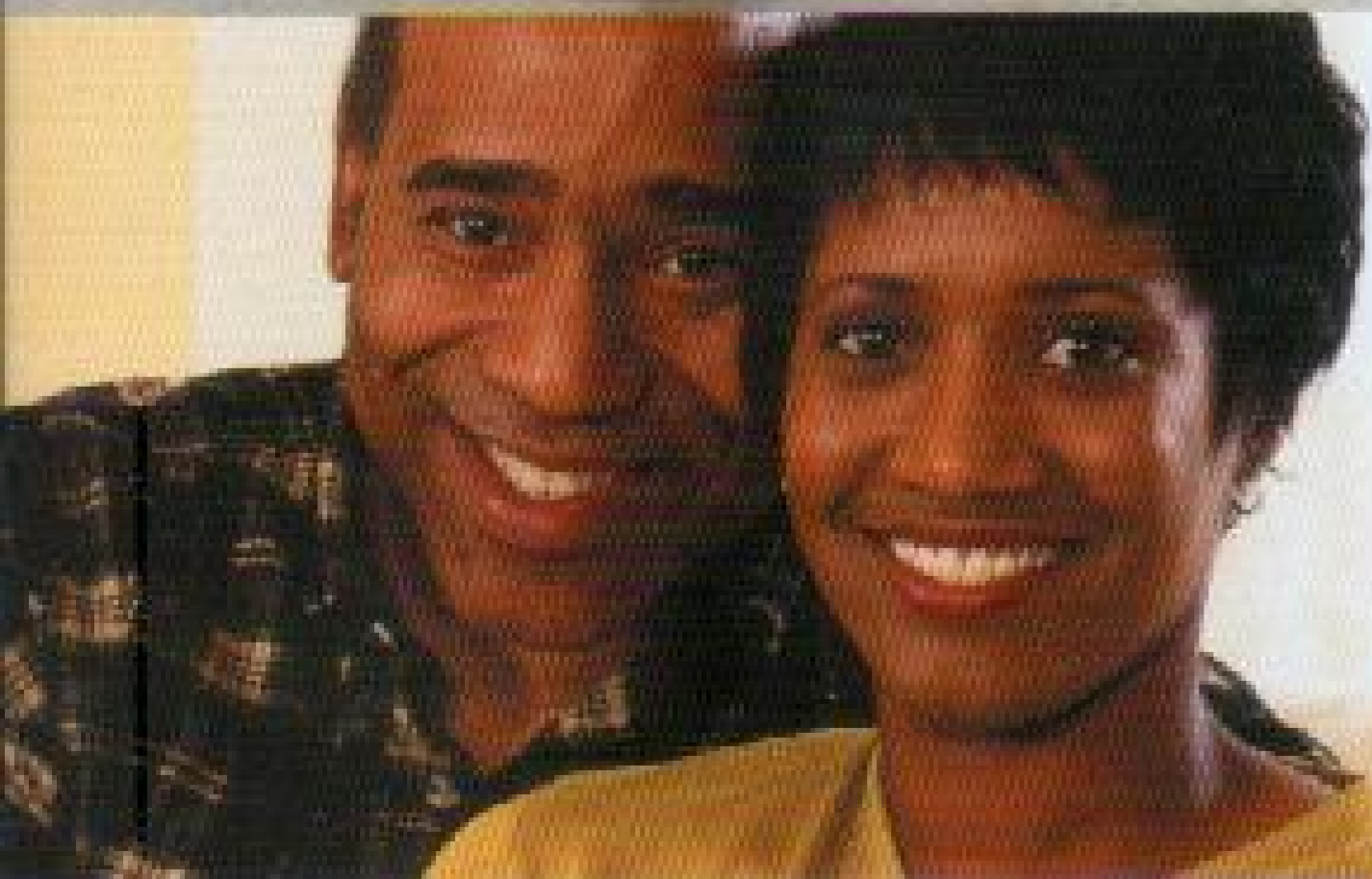




**MONARCH**<sup>TM</sup>

for the perfect smile

**Mould Chart**



**WRIGHT**  
HEALTH GROUP

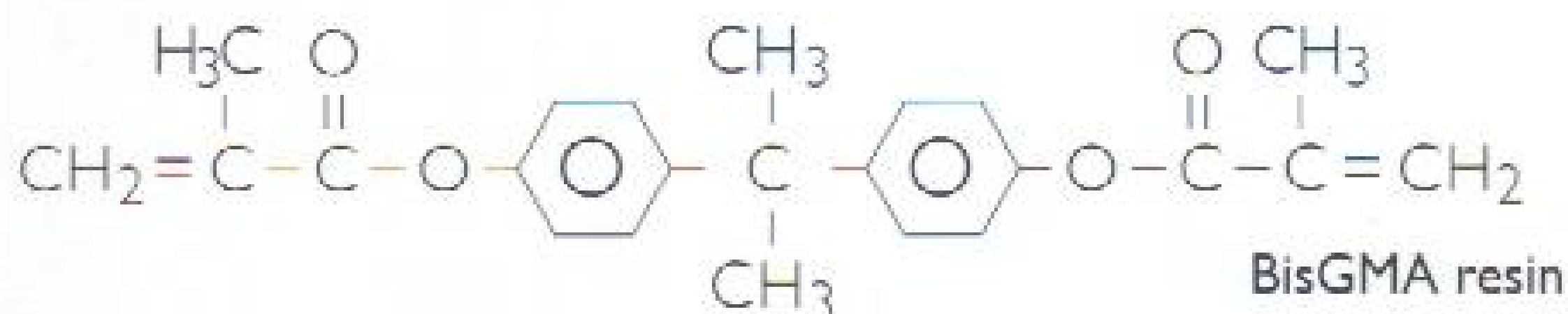


# MONARCH<sup>TM</sup>

for the perfect chemistry

With Monarch it is not only the shape and form of the tooth which we have designed to mirror nature. By incorporating multi-crosslinked technology with both inorganic fillers and a monomer resin based on Bis GMA, our chemists have successfully developed a sophisticated polymer-composite system which results in a tooth that demonstrates greater physical properties, such as:-

- Greater abrasion resistance and hardness
- Enhanced toughness and reduced chipping
- Improved colour stability
- Plaque adhesion resistance
- Guaranteed bonding to all acrylic denture bases.



### The Perfect Quality – every time.

All raw materials are subjected to vigorous testing – both physical and chemical before they are approved for production. Each Monarch tooth then passes seven points of critical inspection during the production process. Finally the production is tested in accordance to ISO 3336:1996.

It is only after these three levels of testing that Monarch is approved for distribution.

### Five Year Guarantee

Wright Health Group provide a 5 year guarantee that covers the Monarch teeth against excessive wear from the date the denture was fitted.



# WRIGHT

HEALTH GROUP

*The Wright Health Group was founded in 1898, when Frank Halley Wright opened a modest dental supplies office from which he provided a service to dentists and technicians in the city of Dundee.* The business principles established then, of maintaining the highest standards of service and products have

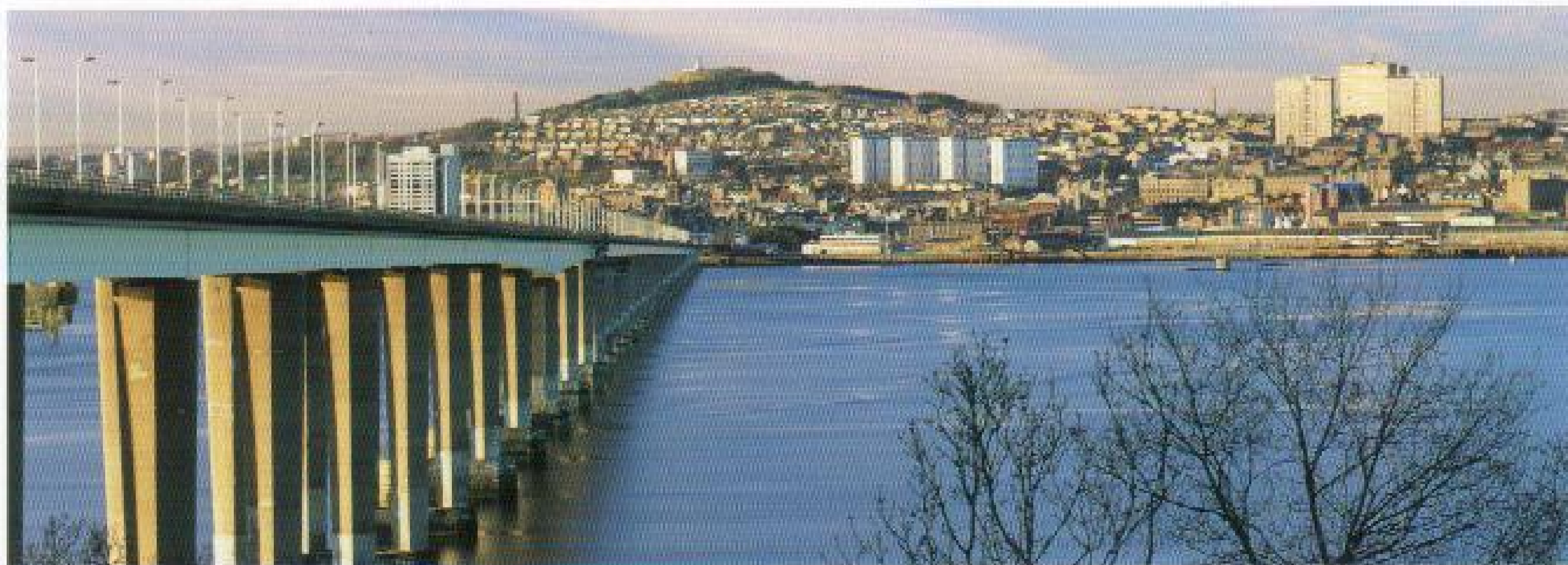


been enduring features in the Group's growth, both in the United Kingdom and internationally. Within our headquarters in Dundee, is a 100,000 square foot manufacturing and research facility, which includes one of the most modern and efficient tooth factories to be found anywhere in the world. Our commitment to quality and innovation in dentistry was rewarded in 1988, when the

Manufacturing Division attained certification to ISO 9000, one of the first dental companies to achieve this status. The Export Division manages the international distribution of our products, accounting for more than half of our production, through both our subsidiary companies and franchised agents throughout the world.



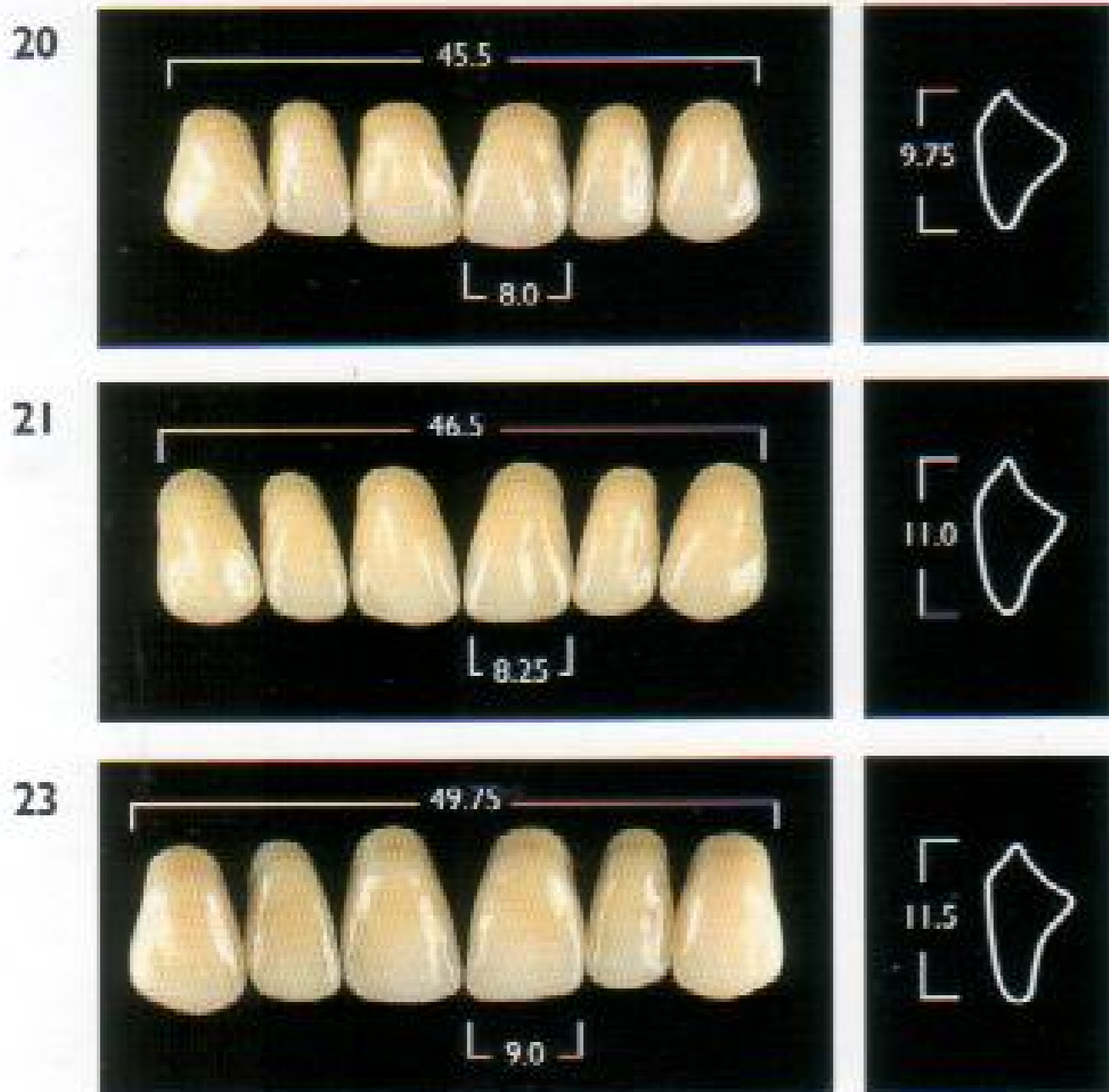
Today the Wright Health Group offers the profession, worldwide, an unmatched service in terms of quality and distribution, whilst collaboration with Universities and Research Institutes across the world help us form a powerful team for future developments. Let us be part of your dental team, being **Wright** for you, right for your patients.



Dundee City of Discovery

# UPPER ANTERIORS

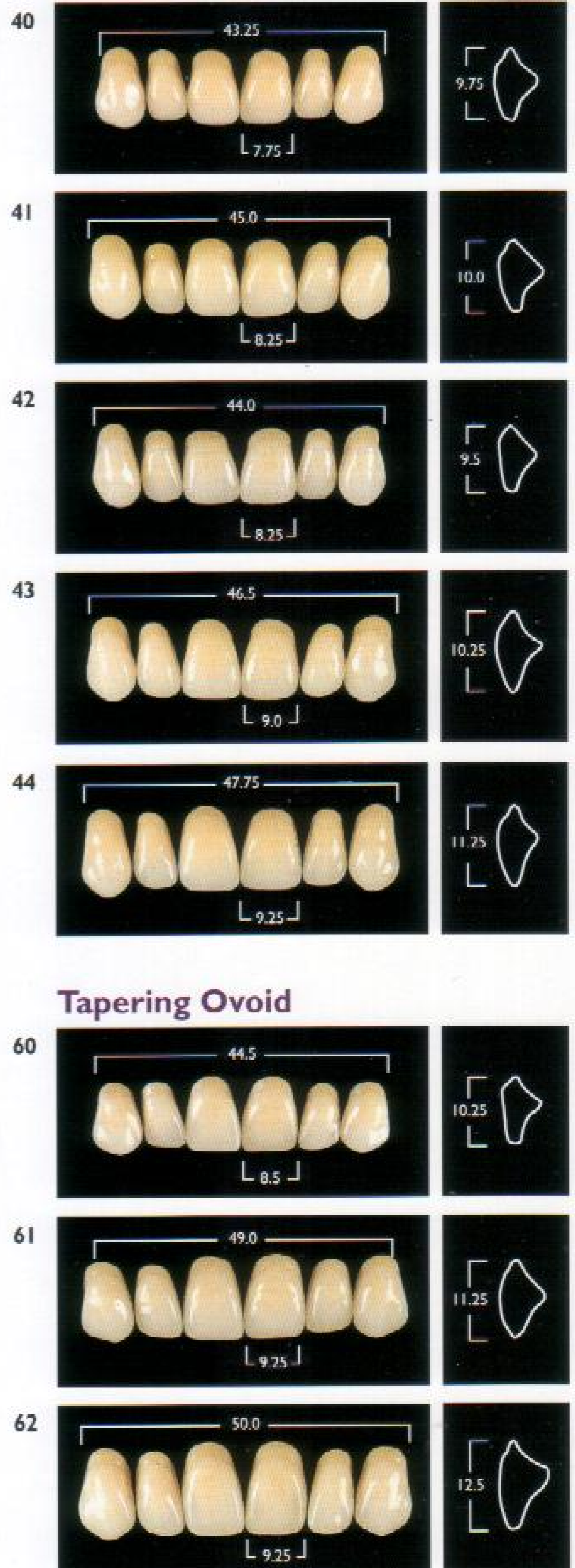
## Ovoid



## Tapering



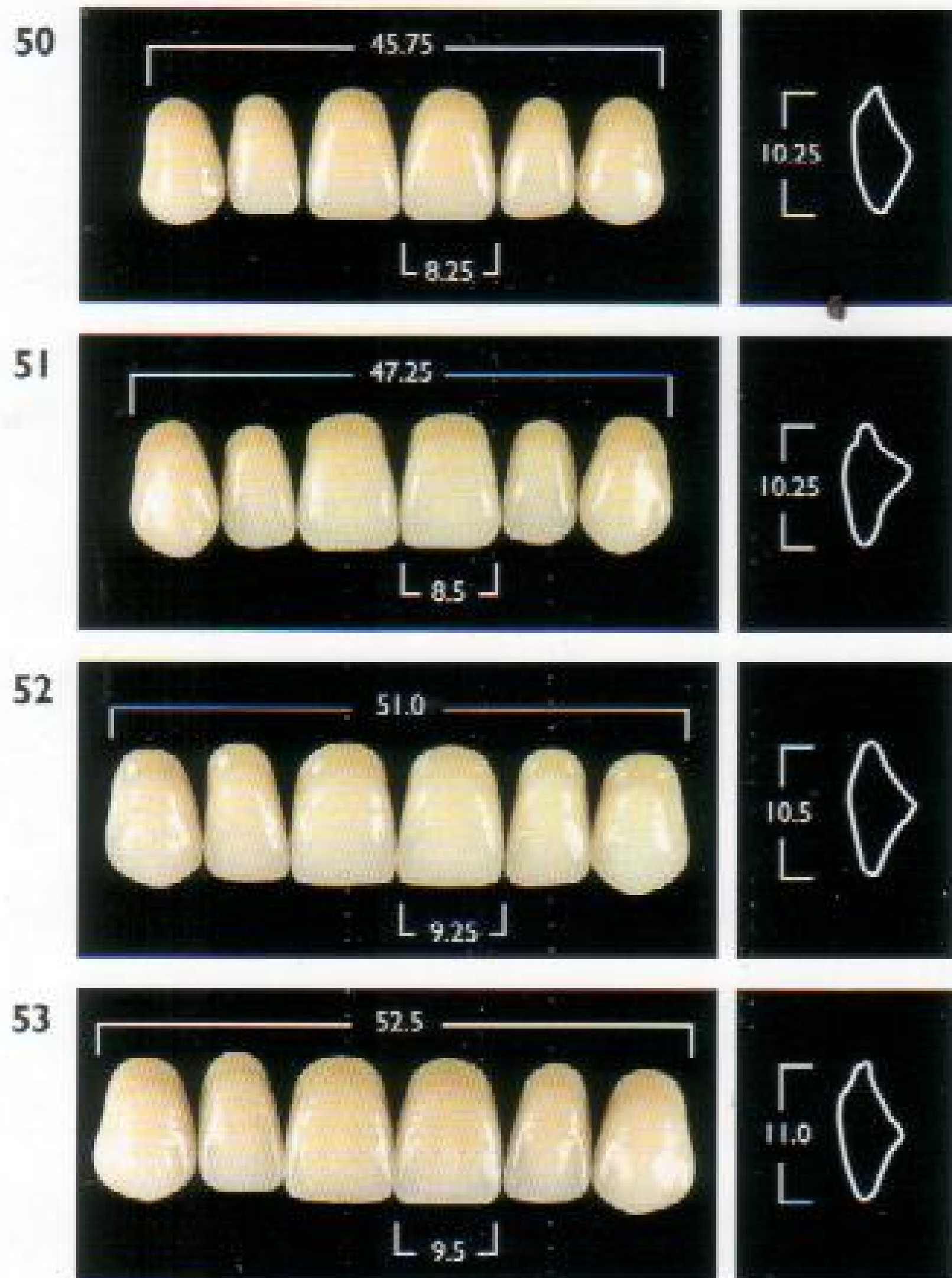
## Square Ovoid



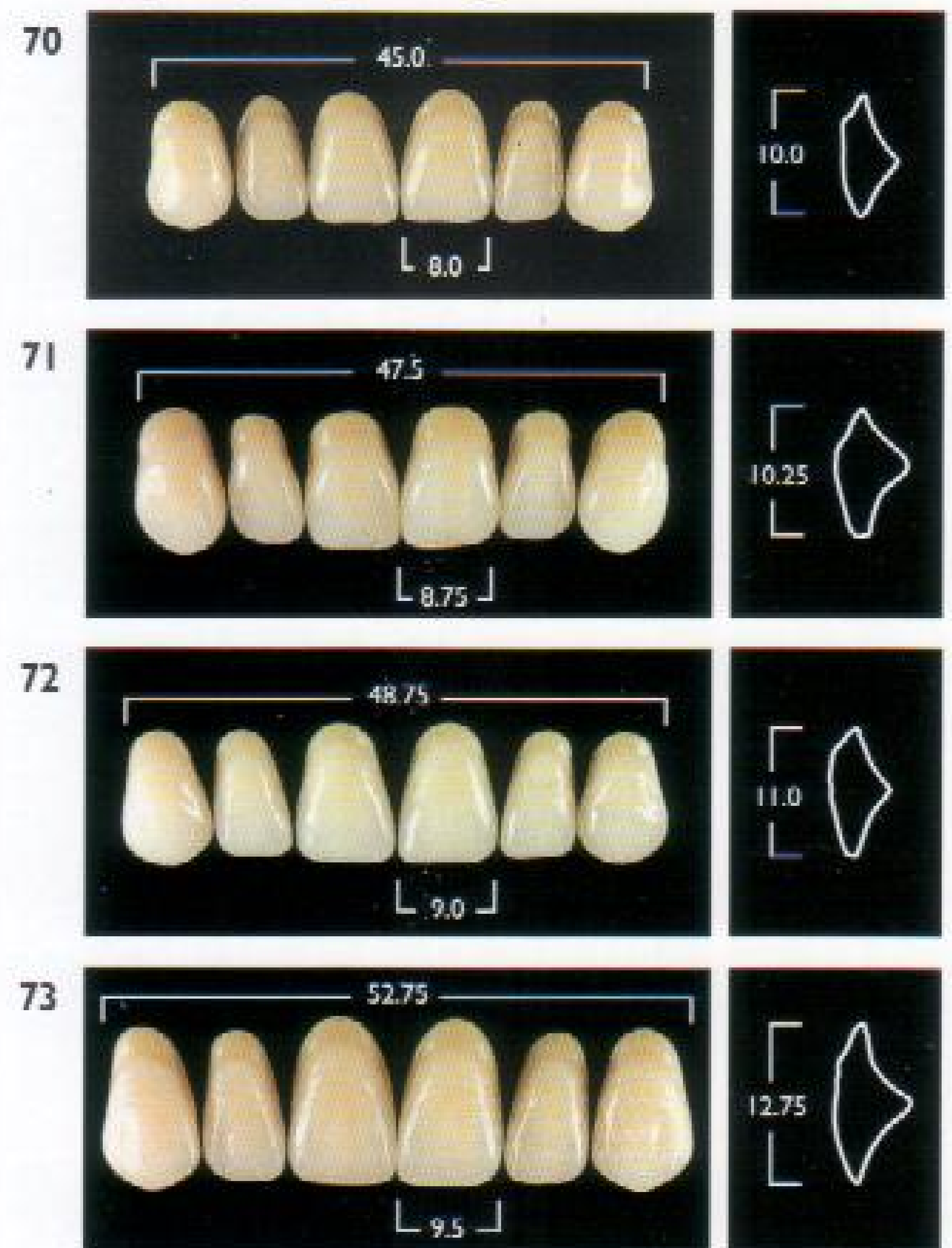
## Tapering Ovoid

# UPPER ANTERIORS

## Square



## Square Tapering



## Articulation Table

Anterior		Posterior		Anterior		Posterior	
Upper	Lower	Functional	Normal Bite	Upper	Lower	Functional	Normal Bite
20	L4	P1	R3/R5	50	L1	P2	R2
21	L8	P3	R2	51	L2	P1	R2
23	L9	P4	R4	52	L2	P3	R4
30	L3	P1	R3/R5	53	L7	P3	R4
31	L6	P1	R2	60	L5	P2	R3/R5
32	L8	P3	R2	61	L7	P3	R2
33	L7	P3	R4	62	L9	P4	R4
40	L3	P2	R3/R5	70	L6	P1	R3/R5
41	L3	P1	R2	71	L8	P3	R2
42	L4	P2	R2	72	L7	P3	R2
43	L8	P3	R4	73	L10	P4	R4
44	L8	P3	R4				

POSTERIOR

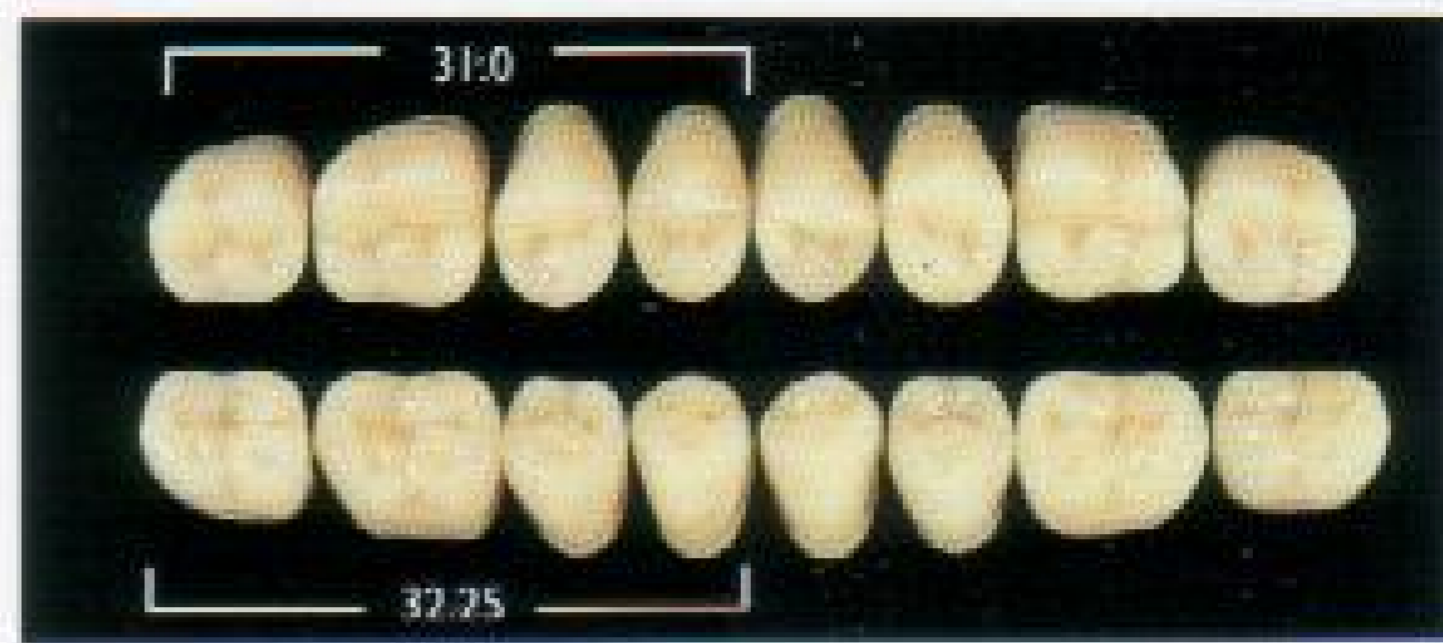


Functional

P1



P2



P3



P4



R2



R3



R4

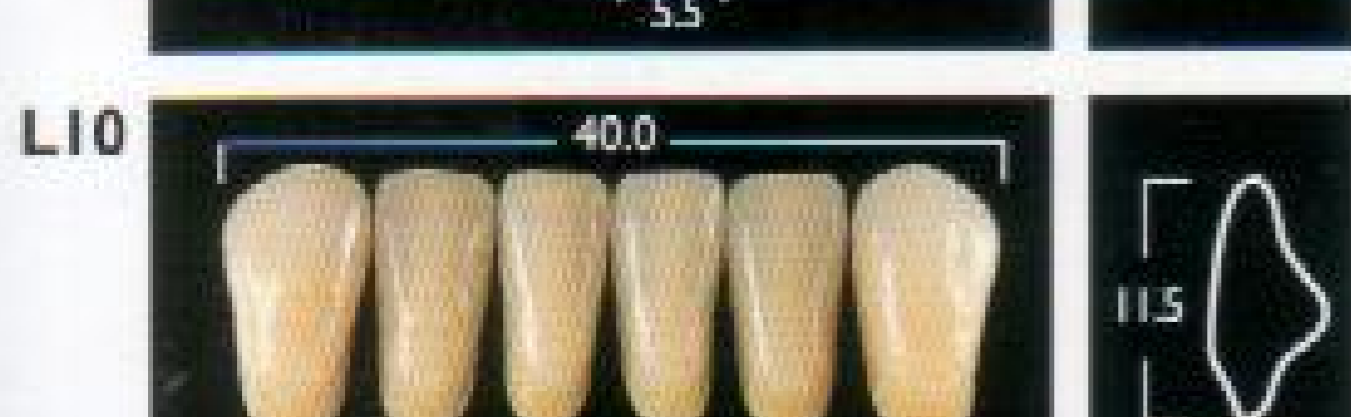
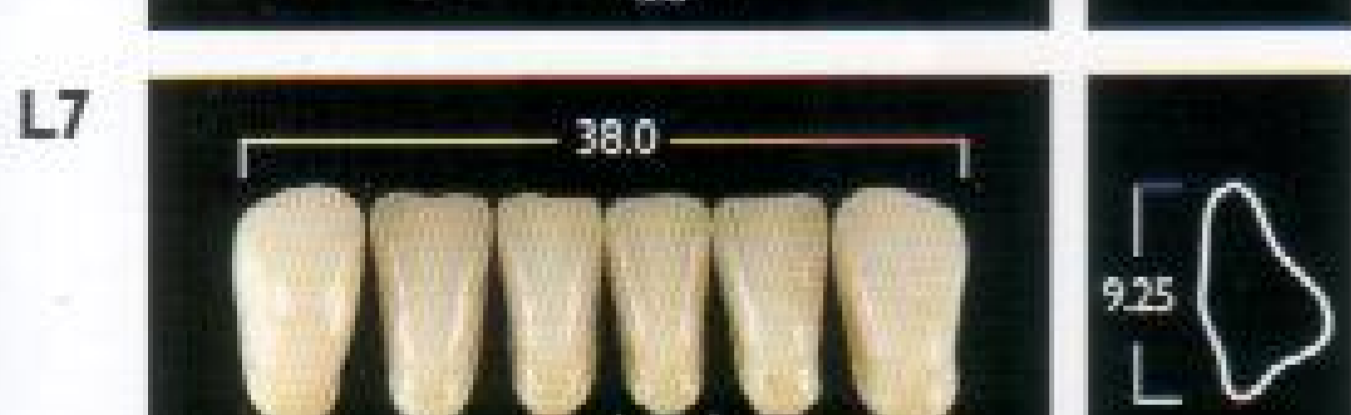
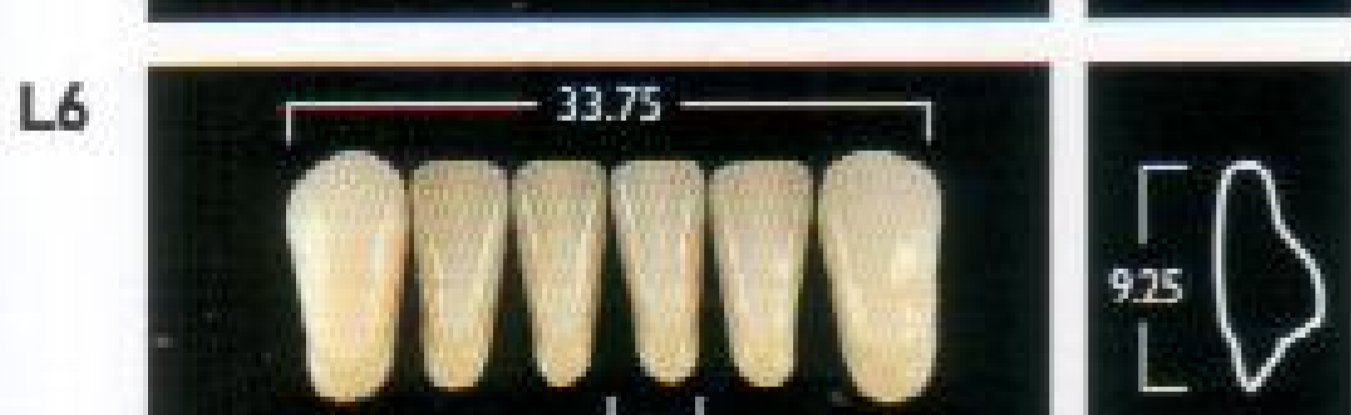
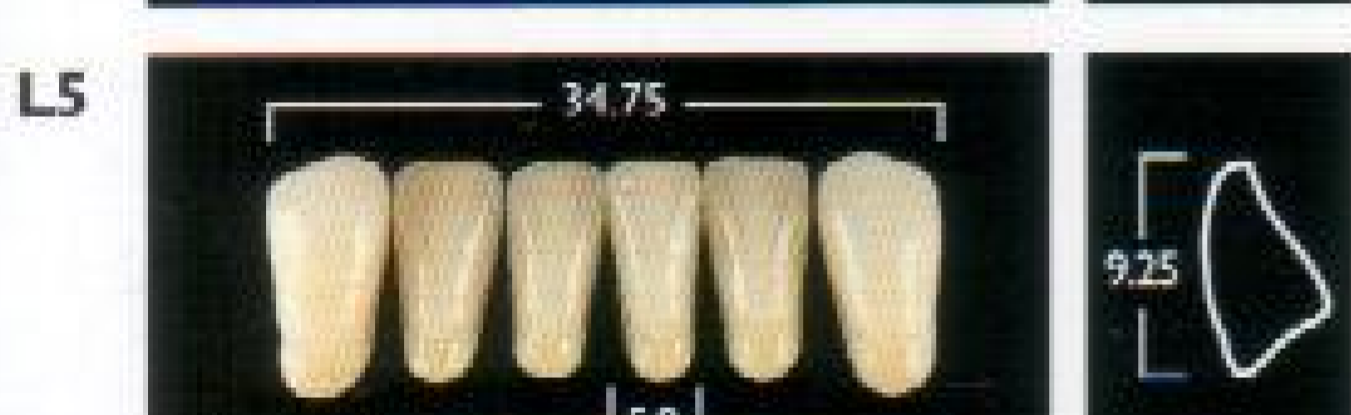
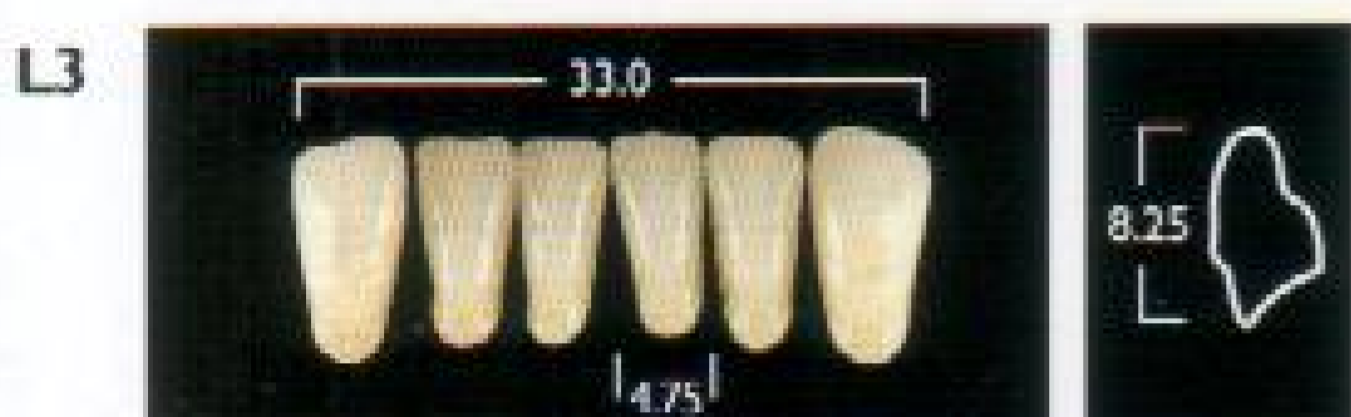
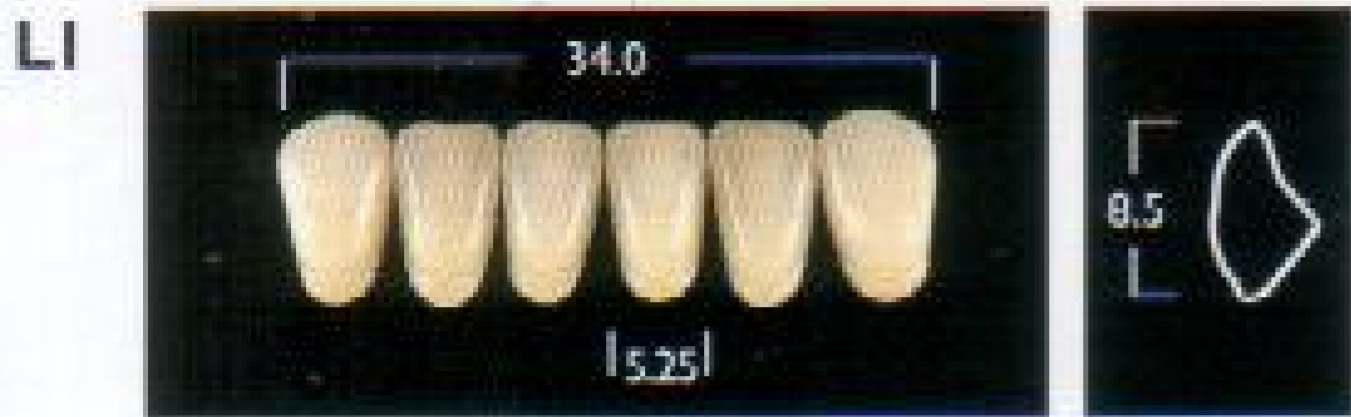


R5



Normal

LOWER ANTERIORS



# Monarch Mould Selection

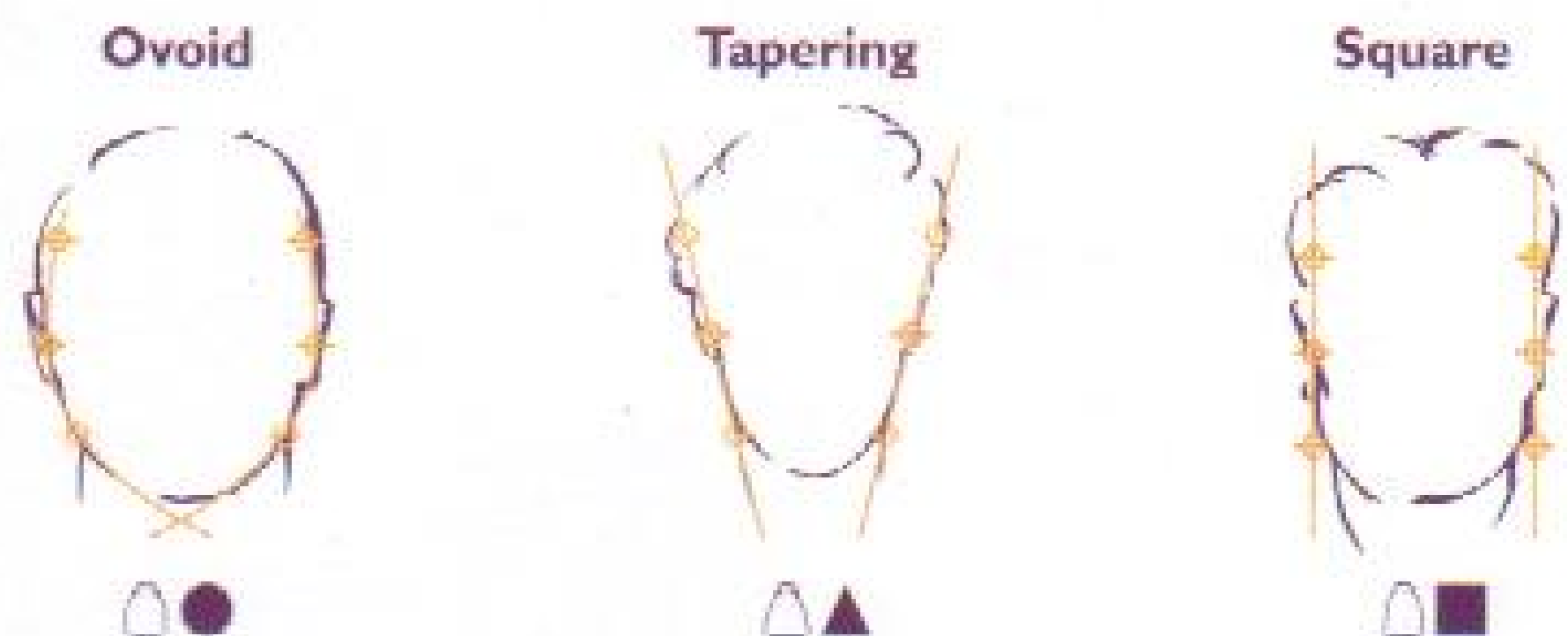
## Anteriors

The Monarch range of moulds have been developed so that they are easy and flexible to use for both practitioner and technician alike. With the aid of the articulation chart, anteriors and corresponding posteriors can be readily selected so that the completed prosthesis is not only aesthetically pleasing, but is also functional and clinically correct.

### Traditional Selection Method

Typically clinicians are advised to use the Tupal method of tooth selection for anterior teeth. There are 24 upper anterior moulds, sub-divided into 3 distinct mould shapes (as shown).

These categories have been sub-divided into the following – Tapering Ovoid, Square Ovoid and Square Tapering, thus enabling the technician to provide the patient with a prosthesis which maintains the individuality of their own dentition.

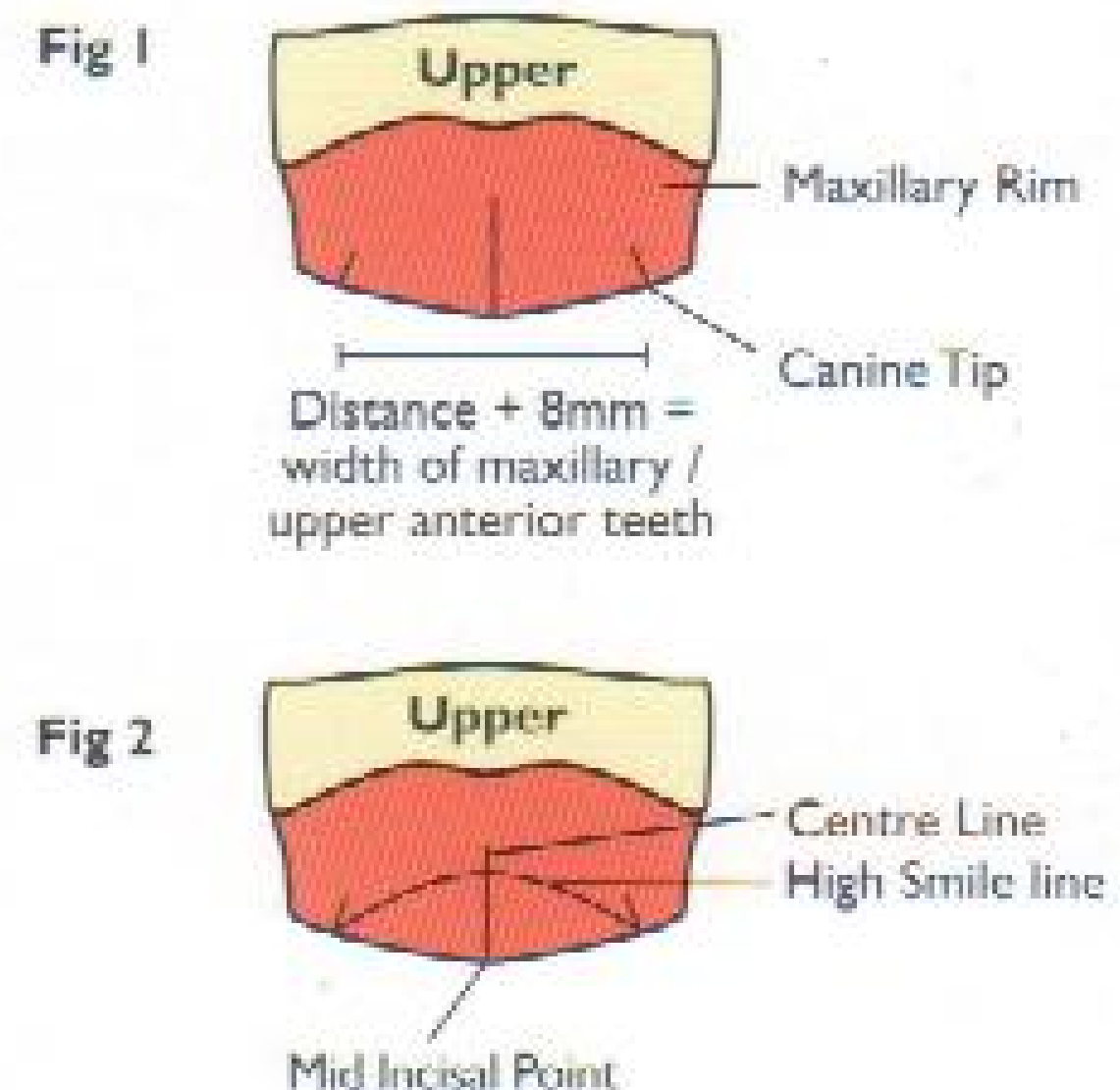


### Monarch Selection Method

We recommend a more personalised system. It involves two simple steps using the three dimensions supplied for each set of moulds (shown on the preceding pages), outlining to which aspects of the tooth/teeth they relate:

- I. **WIDTH** Find the distance between the canine tips, which roughly corresponds to the interalar distance **with the patient smiling** (see Fig 1), and mark these points on the maxillary rim. Place a flexible ruler labially around the rim between these points and add 8 mm - this is a guide to the combined width of the maxillary anterior teeth. If spacing is indicated or requested, a smaller mould is recommended, the converse being true where imbrication is desired.
- II. **HEIGHT** Measure the distance from the mid-incisal point to the high smile line (see Fig 2). This equates to the height of the central incisor. In a middle-aged and older person, any translucent areas would be missing, so 2mm would have to be **added** to the measurement on the maxillary rim.

The combination of these two simple measurements can assist you to prescribe moulds for your patient, which are suited to them and not based on non-personalised techniques.



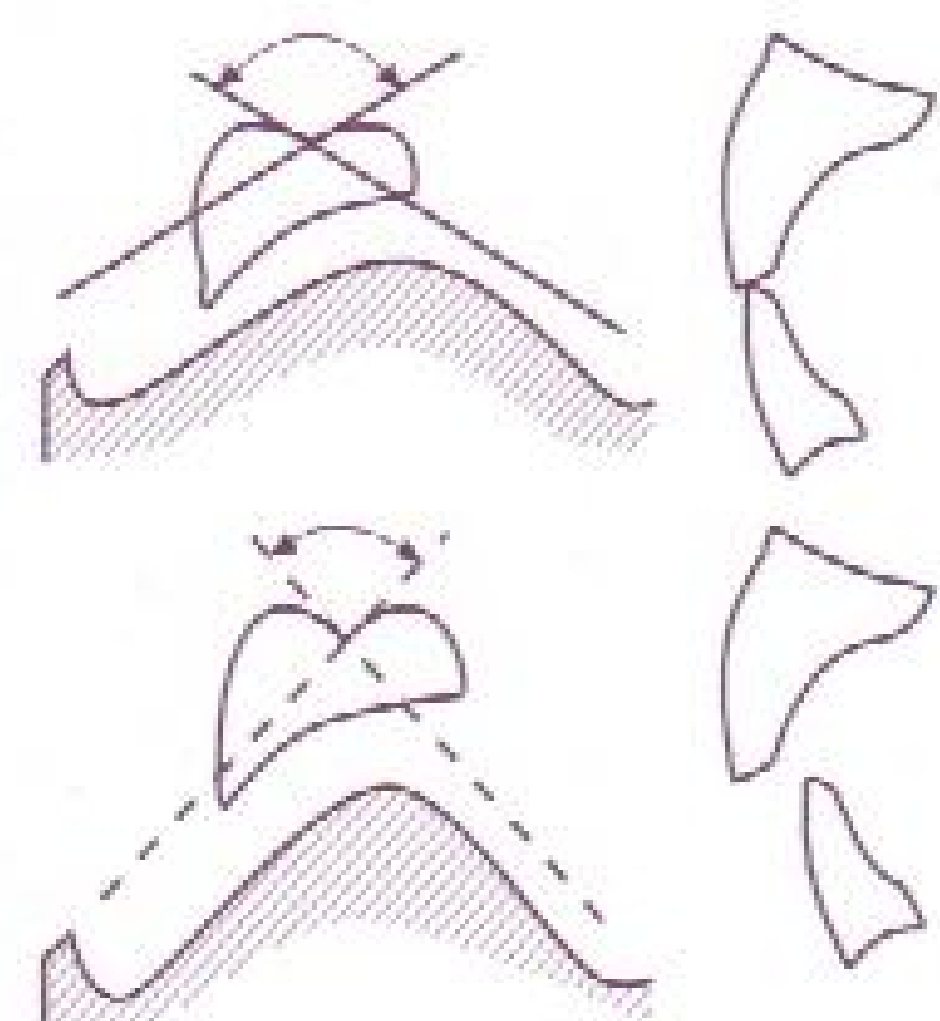
## Posteriors

### P-Type

The P-Type posterior moulds have been developed in such a manner as to allow for unimpeded occlusal travel. This has been achieved by moulding the lowers narrower than normal and also with a significantly reduced cuspal inclination. Where a positive occlusion is difficult to achieve, as in a cross-bite or where excessive alveolar ridge resorption is apparent, then P-Type moulds are recommended. They are available in 4 different sizes.

### R-Type

The R-Type posterior moulds are functional moulds and suitable for patients with a normal bite. They are easily set-up with rounded cusps to prevent inter-cuspal locking and an anatomically correct occlusal surface. They are available in 4 different sizes.



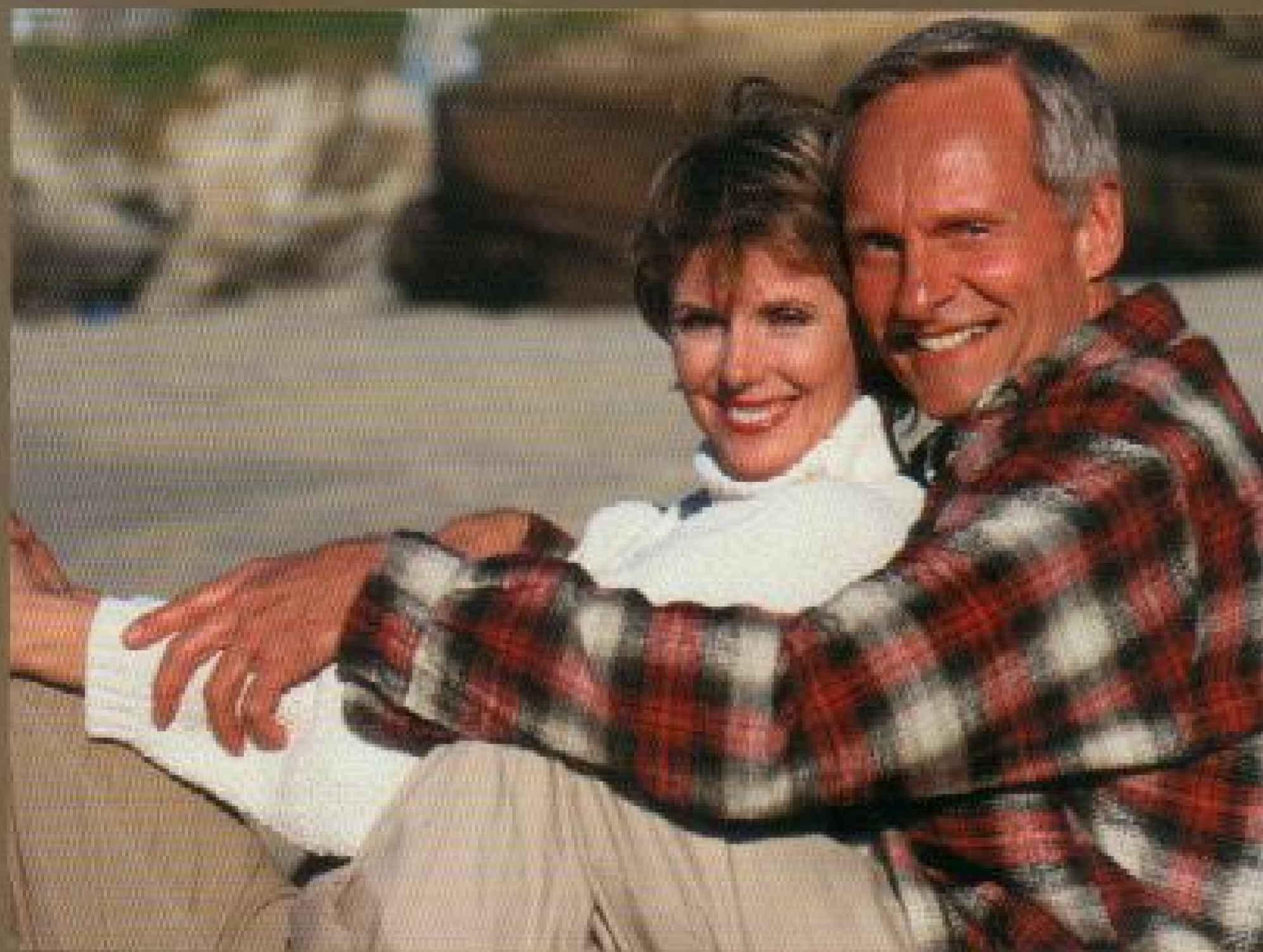
Reproduced from:  
Laboratory procedures for full and partial dentures  
by Derek Stananough

## Technical File

The Monarch range does not only have superb physical and chemical properties, its unique aesthetic characteristics guarantee the look and feel of natural dentition. This has been achieved by the formulation of 15 shades which match those in the Vita® System and by using only natural pigments and fillers whose colour reflection curves match those of natural teeth. In doing this, not only are the fluorescent effects observed, but the shade is also consistently true, regardless of the type of light.

The use of subtle incisal characterisation has greatly improved the translucency to allow colour absorption from adjacent dentition giving tremendous advantages for the fabrication of partial prosthesis. For those who require a Class II tooth with excellent colour stability, even in shell crown thickness for dental implants, then the Monarch range makes the ideal choice – for the perfect smile.

# for the perfect smile



Monarch has been designed with only one objective in mind – to match nature. This has been achieved by painstaking research and development carried out over many years.

The carefully chosen range of moulds with their subtle blends of layers and specialist materials results in a prosthesis which not only gives you and your team pride to produce but also gives the patient a natural look and a confident smile.

So contact your dealer and discover that with Monarch you will create the Perfect Smile.

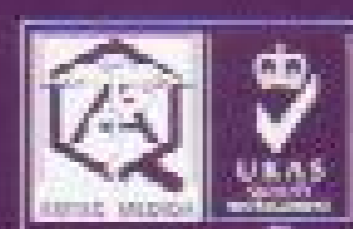
**Distributor**

**WRIGHT**  
HEALTH GROUP

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