



Genios®

Mould Chart – Superior Premium Denture Teeth

For dental professionals and laboratories



Outstanding aesthetics.

Genios® Anteriors

Genios – the genius among today’s and tomorrow’s prefabricated denture teeth – impresses with its brilliant aesthetics and perfect shape.

Interdental Closures

Its unique interdental closures eliminate black interdental spaces and facilitate natural pink aesthetics.

Natural Appearance

The tooth looks impressively natural thanks to its aesthetic multi-zone design with five distinct zones and an excellent surface texture.



Outstanding material properties.

IPN® Quality Acrylic

The high-quality IPN material (interpenetrated polymer network) is the chemical basis of Genios® denture teeth.

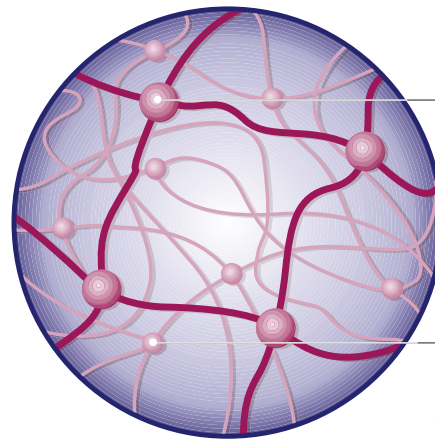
IPN® Characteristics

Highly cross-linked copolymers, free from inorganic fillers, give this material its superior properties:

- **Excellent abrasion resistance**
- **Extremely low affinity to plaque**
- **Excellent colour stability**
- **Excellent craquelé resistance**
- **Maximum bond strength**

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

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.

Outstanding range.

Genios® Anteriors

The Genios range of anteriors can be readily combined to meet different requirements in an ideal way offering solutions for any indication.

Palatal and Lingual Surfaces

The palatal and lingual surfaces are characterized by voluminous contours, making it easy to use these teeth for combination restorations – for precision attachments as well as for telescope crowns.

This is a particular advantage when setting up hybrid or implant-supported rehabilitations.

The voluminous palatal surfaces of the maxillary canines facilitate functional adjustments to accommodate lateral excursions, which on the palatal surface must always be guided by a single plane with a corresponding slope.



Genios® Chic



The Genios Chic sets of anteriors are unique in their design and exhibit impressive aesthetics.

They were specially developed to meet the demand for softer shapes.



Genios® Dynamic



The Genios Dynamic natural wear anteriors exhibit aging characteristics never before seen in denture teeth.

These “older” teeth no longer require a flat canine guidance to be laboriously ground into the dentition – it is already implemented in the denture teeth, out of the box.



Outstanding functionality.

Genios® Posteriors

Thanks to the occlusal surfaces by Michael H. Polz following the original biomechanical concept of occlusion, Genios posteriors can be used in tooth-to-tooth or tooth-to-two-teeth relationships.

Maximized Version

The maximized version is ideal for atrophied ridges. A sturdy structure makes this the perfect system for “pink aesthetics”.

Reduced Version

The reduced version is ideal for partial dentures or where space is at a premium. Adjusting needs are minimal, saving time and permitting efficient procedures.

Both basic shapes are available with normal and with enlarged premolars.

Genios is of course compatible with all major set-up systems.



Outstanding range of indications.

Partial -
Combination Dentures



Hybrid and Implant-
Supported Restorations



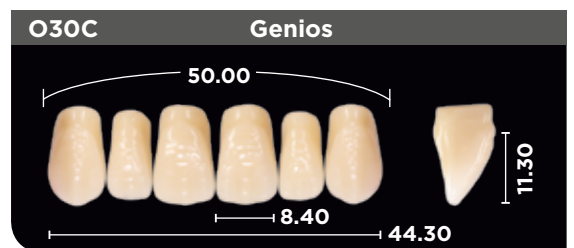
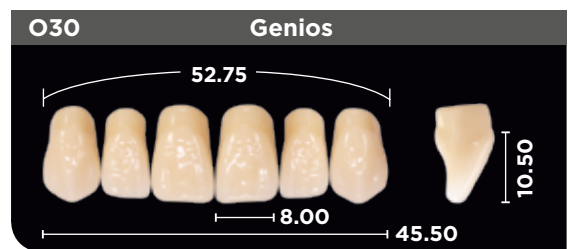
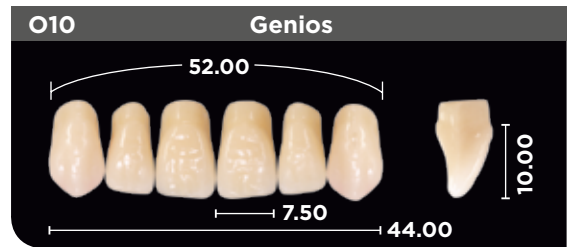
Complete Dentures



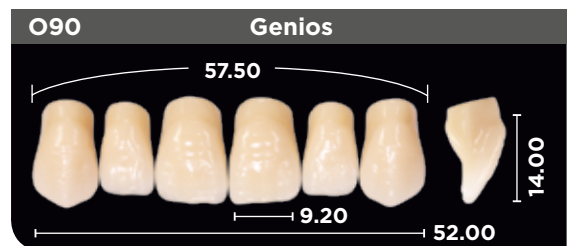
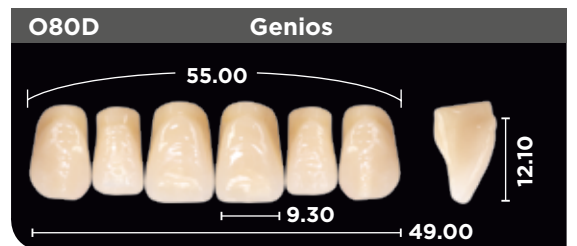
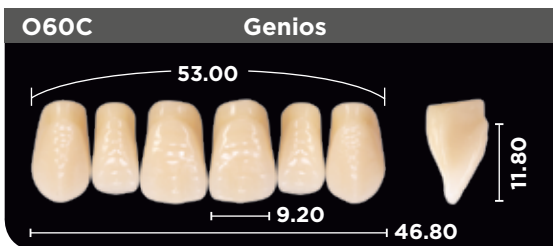
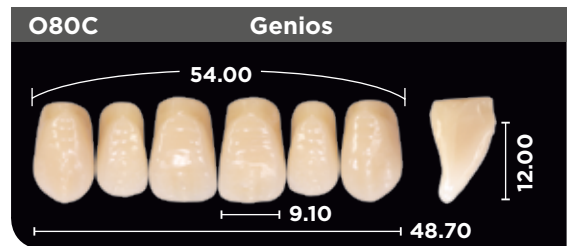
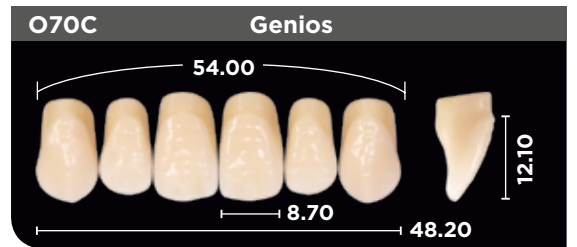
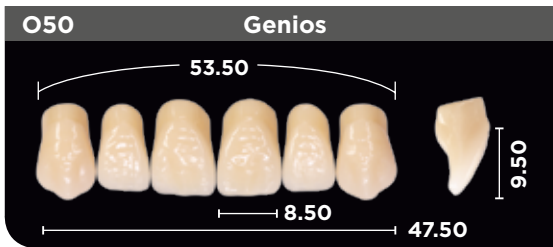


Genios® Anteriors Upper

Available in V-shades (A1-D4)
and bleach shades (BL1 and BL3).



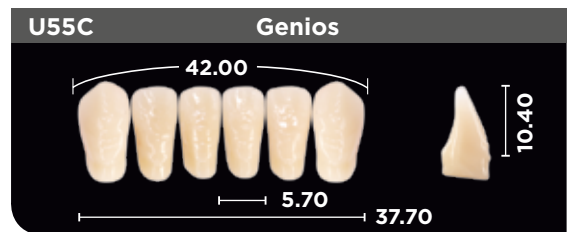
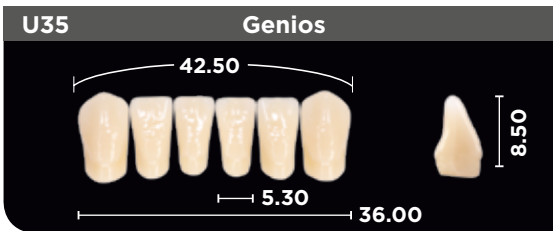
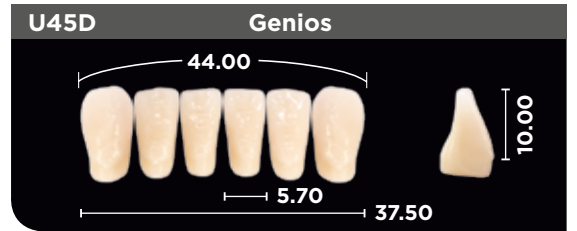
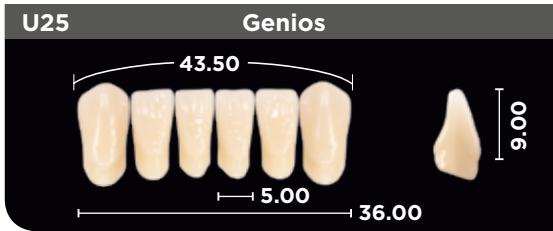
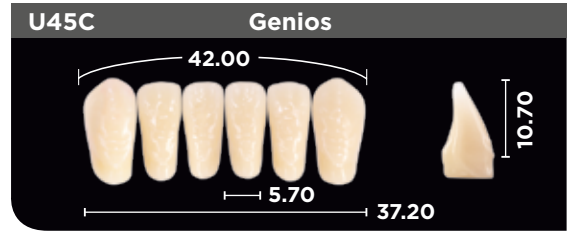
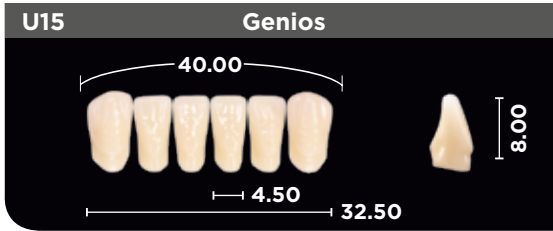
All dimensions in mm.
Images scaled to size.



Genios®

Anteriors Lower

Available in V-shades (A1-D4)
and bleach shades (BL1 and BL3).







Genios®

Posterior Teeth

Available in V-shades (A1-D4)
and bleach shades (BL1 and BL3).



Genios® Mould Overview



Normal moulds

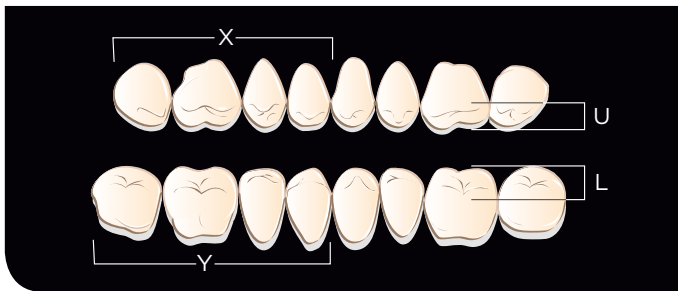
31
34
36
34XL**
36XL**

R-moulds*

-
34R
36R
34XR**
36XR**

* R-moulds have exactly the same dimensions as normal moulds, except for a reduction in the basal area.

** Enlarged premolars



X = The average width of a 1x4 set of upper posteriors;

Y = the lower posteriors.

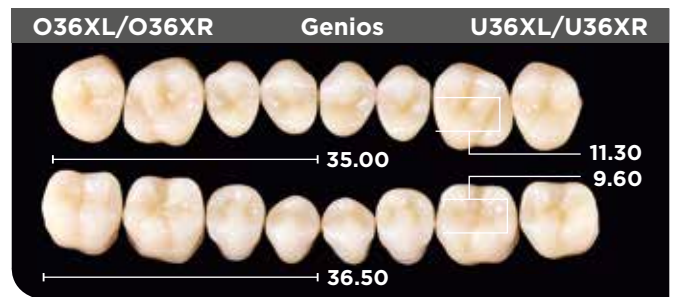
U = The average depth of the upper left first molar;

L = the lower left first molar.

ISO 22112: 2005. Processing instructions available upon request.

Genios® XL/XR Variation

Enlarged premolars,
molar size is unchanged.



Normal Moulds/XL Variation



Genios® 34

Genios® 34XL

Enlarged premolars greatly facilitate the fabrication of partial dentures. Also available as R-moulds.

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.

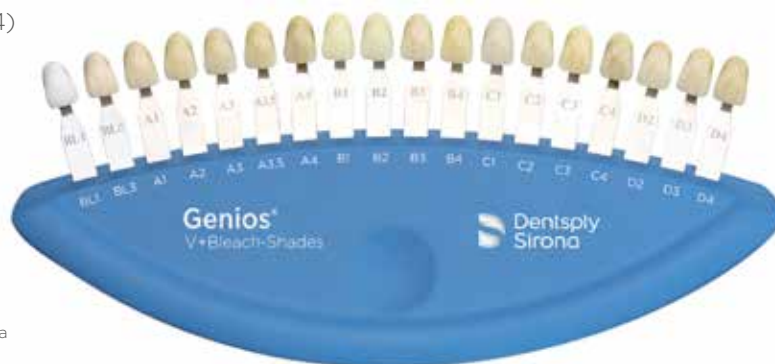


- Semi-crystalline nylon composition for improved color stability and stain resistance. Provides aesthetics.
- Easy to finish and polish due to the microcrystalline structure. Saves time.
- Monomer - and metal-free. Non-irritating.
- Available in original, light pink, light reddish pink, dark pink and 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.

Exact Shade Matching

The Genios® shade guide includes V shades (A1-D4) and bleach shades (BL1 and BL3)*.

REF D 01 027 510



* 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



Notes

Combination Table

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

Genios® Anteriors		Genios® Posteriors	
Upper moulds	Lower moulds	Upper moulds	Lower moulds
O10	U15, U25	O31	U31
O20	U25, U35	O31	U31
O30	U25, U35, U35C, U45, U45C, U45D	O34, O34R, O34XL, O34XR	U34, U34R, U34XL, U34XR
O30C	U25, U35, U35C, U45, U45C, U45D	O34, O34R, O34XL, O34XR	U34, U34R, U34XL, U34XR
O40	U25, U35, U35C, U45, U45C, U45D	O34, O34R, O34XL, O34XR	U34, U34R, U34XL, U34XR
O40C	U35, U35C, U45, U45C, U45D	O34, O34R, O34XL, O34XR	U34, U34R, U34XL, U34XR
O50	U25, U35C, U45, U45C, U45D	O34, O34R, O34XL, O34XR	U34, U34R, U34XL, U34XR
O50C	U25, U35, U35C, U45C, U45D	O34, O34R, O34XL, O34XR	U34, U34R, U34XL, U34XR
O60	U25, U35, U35C, U45, U45D	O34, O34R, O34XL, O34XR	U34, U34R, U34XL, U34XR
O60C	U25, U35, U35C, U45, U45C, U45D	O34, O34R, O34XR, O34XL, O36	U34, U34R, U34XR, U34XL, U36
O60D	U25, U35, U35C, U45, U45C, U45D	O34, O34R, O34XL, O34XR	U34, U34R, U34XL, U34XR
O70	U35C, U45, U45C, U45D, U55C	O34, O34R, O34XL, O34XR	U34, U34R, U34XL, U34XR
		O36, O36R, O36XL, O36XR	U36, U36R, U36XL, U36XR
O70C	U35C, U45, U45C, U45D, U55, U55C	O34, O34R, O34XL, O34XR	U34, U34R, U34XL, U34XR
		O36, O36R, O36XL, O36XR	U36, U36R, U36XL, U36XR
O80	U45, U45C, U45D, U55, U55C	O34, O34R, O34XL, O34XR	U34, U34R, U34XL, U34XR
		O36, O36R, O36XL, O36XR	U36, U36R, U36XL, U36XR
O80C	U45, U45C, U45D, U55, U55C	O34, O34R, O34XL, O34XR	U34, U34R, U34XL, U34XR
		O36, O36R, O36XL	U36, U36R, U36XL
O80D	U45, U45C, U45D, U55, U55C	O34, O34R, O34XL, O34XR	U34, U34R, U34XL, U34XR
		O36, O36R, O36XL, O36XR	U36, U36R, U36XL, U36XR
O90	U55, U55C, U65	O36, O36R, O36XL, O36XR	U36, U36R, U36XL, U36XR

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