

Genios[®]

Brilliant and perfect.
Setting the tone in prosthodontics.



Now available with
two bleach shades



DENTSPLY

Setting the tone in prosthodontics

To realize this ambitious goal, we have mobilized all our resources: intensive research, valuable raw materials, up-to-date production methods, and rigour quality control.

Genios® A & P

Brilliant and perfect.

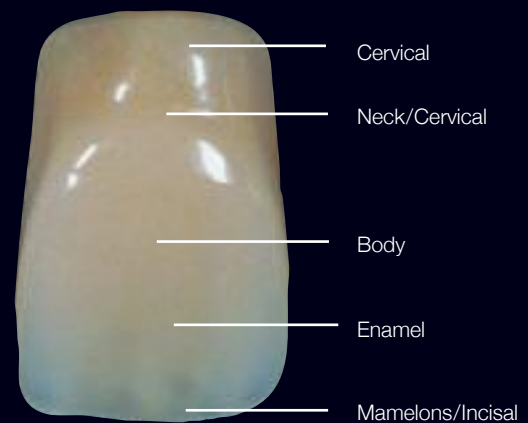


Genios® A Anteriors

Genios® – the genius among today's and tomorrow's prefabricated denture teeth – impresses with its brilliant aesthetics and perfect shape. Its unique patented interdental closures according to Master Dental Technician J. Stuck ensure harmonious connections with adjacent teeth and natural-looking papillae, eliminating black interdental spaces.

Brilliant aesthetics

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



Combination Table

Genios® A (anteriors)		Genios® P (posteriors)	
Upper mould	Lower mould	Upper mould	Lower mould
O10	U15, U25	O31	U31
O20	U15, U35	O31	U31
O30	U25, U35, U45	O34, O34R, O34XL, O34XR	U34, U34R, U34XL, U34XR
O40	U25, U35, U45	O34, O34R, O34XL, O34XR	U34, U34R, U34XL, U34XR
O50	U25, U35, U45	O34, O34R, O34XL, O34XR	U34, U34R, U34XL, U34XR
O60	U35, U45	O34, O34R, O34XL, O34XR	U34, U34R, U34XL, U34XR
O70	U45, U55	O34, O34R, O34XL, O34XR O36, O36R, O36XL, O36XR	U34, U34R, U34XL, U34XR U36, U36R, U36XL, U36XR
O80	U45, U55	O34, O34R, O34XL, O34XR O36, O36R, O36XL, O36XR	U34, U34R, U34XL, U34XR U36, U36R, U36XL, U36XR
O90	U55, U65	O36, O36R, O36XL, O36XR	U36, U36R, U36XL, U36XR

Genios® A

Upper anteriors

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

Mould	Width of the complete set in mm	Length of the centrals without neck in mm	Width of the centrals in mm
O10	44.0	10.0	7.5
O20	45.5	9.5	8.0
O30	45.5	10.5	8.0
O40	47.0	9.5	8.5
O50	47.5	9.5	8.5
O60	47.5	11.5	8.5
O70	48.5	11.5	8.5
O80	49.0	11.0	9.0
O90	52.0	14.0	9.2

Genios® A

Lower anteriors

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

Mould	Width of the complete set in mm	Length of the centrals without neck in mm	Width of the centrals in mm
U15	32.5	8.0	4.5
U25	36.0	9.0	5.0
U35	36.0	8.5	5.3
U45	36.5	9.5	5.5
U55	37.5	10.0	6.0
U65	37.5	11.5	6.0

Genios® P

Posteriors

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

Mould



Half the width of the set in mm	Width of the first molar in mm
29.5	9.8
31.0	8.4
32.5	10.8
34.0	9.1
34.5	11.3
36.0	9.6
33.0	10.8
34.5	9.1
35.0	11.3
36.5	9.6

Genios® P-Mould overview

	Normal moulds	R-moulds *
	31	–
	34	34R
	36	36R
Enlarged premolars	34XL	34XR
	36XL	36XR

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

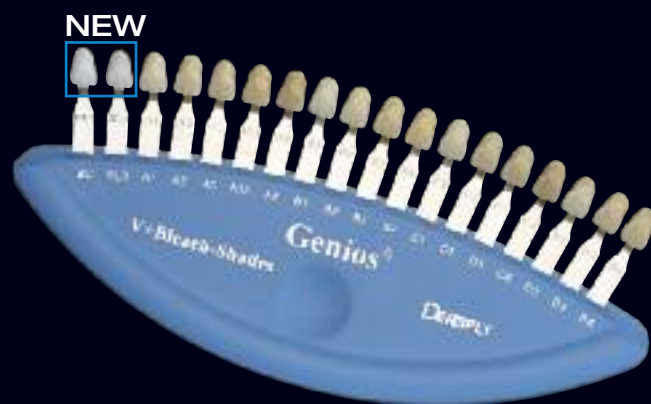
XL/XR variation

with enlarged premolars,
molar size is unchanged.



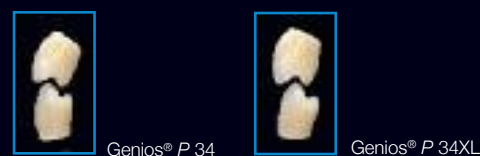
Half the width of the set in mm	Width of the first molar in mm
33.0	10.8
34.5	9.1
35.0	11.3
36.5	9.6

Exact shade matching



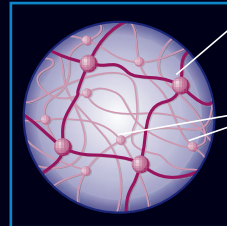
With the original Genios® shade guide
in V-Shades (A1 – D4) and bleach shades (BL1 and BL3).
Order No. D 01 027 510

Normal moulds/XL variation



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

INPEN®-Structure:
Homogenous three-dimensional structure and connection of primary and secondary molecular chains



Connection of primary chains

Connection of secondary chains



Genios® P Posteriors

Thanks to the occlusal surfaces of Genios® P, designed by Michael H. Polz following the original biomechanical concept of occlusion, intercuspation occurs practically all by itself when the denture teeth are set up. Genios® P posteriors can be used in tooth-to-tooth or tooth-to-two-teeth relationships.

Two basic shapes are available:



The maximized version is ideal for severely atrophied ridges. It offers extra substance for improved aesthetics by permitting more profoundly detailed modelling.



The optimized version is ideal for partial dentures or where space is at a minimum. Grinding is reduced, saving time and permitting efficient procedures.

Both basic shapes are available with normal and enlarged premolars.

INPEN® – Quality Acrylic

The high-quality INPEN® material (interpenetrated polymer network) is the chemical basis of the DENTSPLY denture teeth. Its highly connected copolymers give this material its superior properties:

- Excellent abrasion resistance
- Minimal plaque affinity
- Excellent colour stability
- Excellent craquelé resistance
- Maximum bond strength
- Added reliability for the laboratory, dentist and patient



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

Sales through:



Lucitone 199 – An ultra-high impact strength Denture Resin. Offers superb resistance to flexure fatigue, excellent tissue colouration, vein stimulation and balanced translucency.

Eclipse Baseplate Resins – A light cured Resin material, available in all L199 shades including clear, can be used to make superior fitting full and partial denture baseplates. The Eclipse clear baseplate makes it easy to spot tissue compression, voids and fluid retention.

Vitallium Alloy – Containing no beryllium or nickel, Vitallium was designed to achieve the optimum in function and esthetics in removable partial dentures. Vitallium's physical properties provide extraordinary strength, superior fracture resistance and smaller, lighter design applications.

System 18 Alloy – A non-beryllium cobalt chromium concast alloy. System 18 is made with high grade materials, minimizing oxides and reducing slag.

V.R. Investment – High-grade silica investment that provides consistent, uniform expansion for accurate fit of alloy partial dentures.

Perflex Duplicating Material – A reversible hydrocolloid, durable duplicating material designed to work with V.R investment to provide accurate refractory models.

Success Injection System – The Success Injection System combines high-pressure injection and closed-flask processing to help Denturists and Lab technicians deliver the best-fitting denture appliances possible.

CE 0086 ISO 3336

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