



IPN 3D™
Digital Denture Teeth

Mould Chart

Optimized for digital design

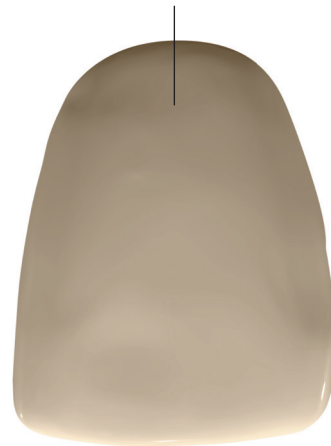
For dental professionals and laboratories

Designed for Printed and Milled Dentures

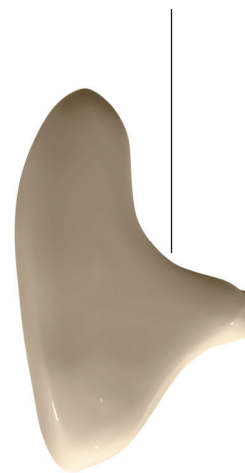
IPN 3D™ Digital Denture Teeth bring technological advancement to the denture lab - transforming traditional, highly-aesthetic manufactured teeth for a digital world. Distinctively designed for printed or milled appliances. The digital libraries have been optimized for designers to deliver digital accuracy. A “no-grind design” virtually eliminates intaglio breakthrough.

- Pre-configured and pre-occluded libraries for quick design
- Libraries include combinations for both balanced and lingualized set-ups
- Designed for precision mounting
- Unique position locator system enables plug-n-play assembly
- Simplified process for efficiency and reliability
- Permits new and experienced technicians to set-up with accuracy
- Designs inspired by traditional Portrait® IPN® denture teeth
- Packaged in innovative and time-saving “wax-free” cards
- 14 anterior and 12 posterior moulds
- Smart assortment meets > 80% of patient needs

Simple and easy,
plug-n-play set-up



No-grind design



Unique position locator system



Articulation Key

Anterior Teeth

Anterior Upper	First Character		Second Character			Third Character		Fourth Character
	Number	Upper / Lower	Number	Width on Curve	Width on Flat	Number	Length of Central	Lower Articulation
110DP	1	Upper	0	Less than 47mm	Less than 43mm	0	Less than 9.80mm	5DP
112HP	5	Lower	1	47mm to 48mm	48mm to 49mm	1	9.80mm to 10.40mm	5HP
120JP		2	48mm to 49mm	44mm to 46mm	2	10.40mm to 11.00mm	5JP	
122MP		3	49mm to 50mm	46mm to 47mm	3	11.00mm to 11.60mm	5MP	
142QP		4	50mm to 51mm	47mm to 48mm	4	11.60mm to 12.20mm	5QP	
163SP		5	51mm to 52mm	48mm to 49mm	5	12.20mm to 12.80mm	5SP	
185VP		6	52mm to 53mm	49mm to 50mm	6	Greater than 12.80mm	5VP	
		7	53mm to 54mm	50mm to 51mm				
		8	54mm to 55mm	51mm to 52mm				
		9	Greater than 55mm	Greater than 52mm				

Fifth Character	
Letter	Mould Design
P	Portrait Inspired
G	Genios Inspired

Mould	Size	Width on Curve	Width on Flat	Length of Central	Lower Anterior Articulation
110DP	S	47mm to 48mm	43mm to 44mm	Less than 9.80mm	5DP
112HP	S	47mm to 48mm	43mm to 44mm	10.40mm to 11.00mm	5HP
120JP	M	48mm to 49mm	44mm to 46mm	Less than 9.80mm	5JP
122MP	M	48mm to 49mm	44mm to 46mm	10.40mm to 11.00mm	5MP
142QP	M	50mm to 51mm	47mm to 48mm	10.40mm to 11.00mm	5QP
163SP	L	52mm to 53mm	49mm to 50mm	11.00mm to 11.60mm	5SP
185VP	L	54mm to 55mm	51mm to 52mm	12.20mm to 12.80mm	5VP

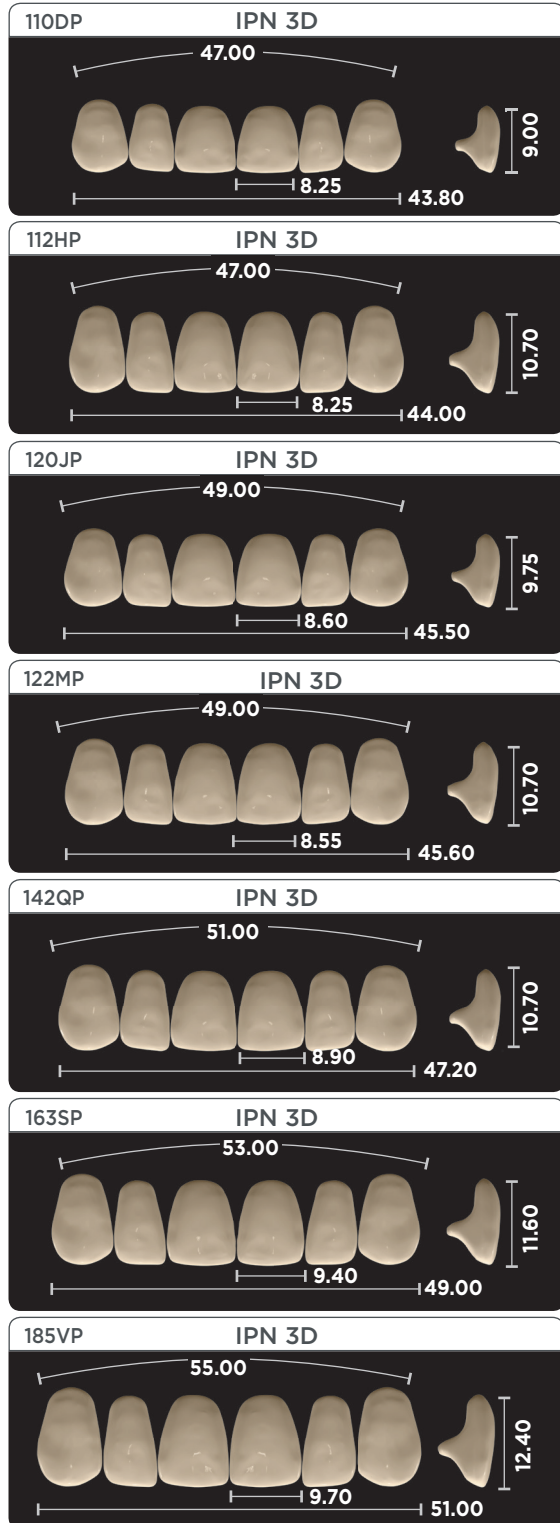
Posterior Teeth

Posterior Upper	First Character		Second Character		Third Character		Fourth Character	
	Number	Upper / Lower	Letter	Size	Number	Angle of Occlusion	Letter	Mould Design
7L10P	7	Upper	S	Small	10	10 degree	P	Portrait Inspired
7M10P	9	Lower	M	Medium	33	33 degree	G	Genios Inspired
7S10P			L	Large				
7L33P								
7M33P								
7S33P								

Upper	Lower	Size	1 x 4 Width Upper	1 x 4 Width Lower	Depth Left First Molar Upper	Depth Left First Molar Lower
7L10P	9L10P	L	34.00mm	36.50mm	8.40mm	8.70mm
7M10P	9M10P	M	32.00mm	34.50mm	8.40mm	8.70mm
7S10P	9S10P	S	30.00mm	32.50mm	8.40mm	8.70mm
7L33P	9L33P	L	34.00mm	36.50mm	8.40mm	8.70mm
7M33P	9M33P	M	32.00mm	34.50mm	8.40mm	8.70mm
7S33P	9S33P	S	30.00mm	32.50mm	8.40mm	8.70mm

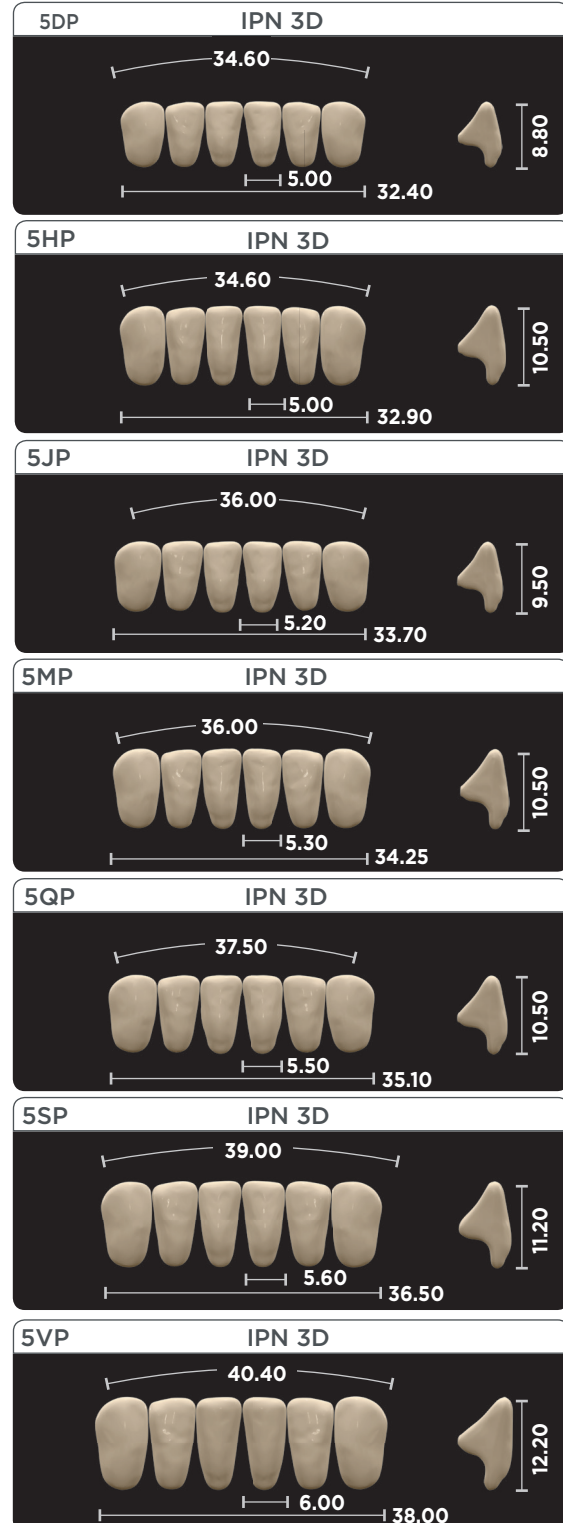
Anteriors Upper

IPN 3D™ Digital Denture Teeth
Portrait® Inspired



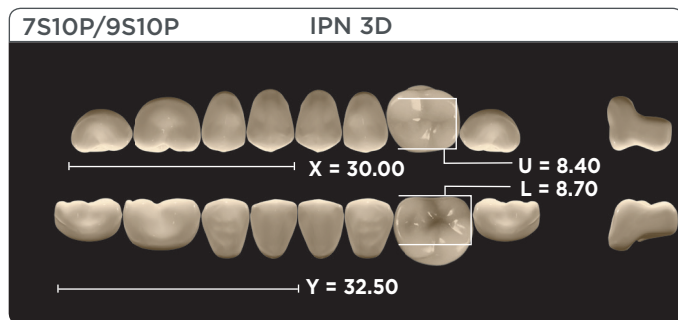
Anteriors Lower

IPN 3D™ Digital Denture Teeth
Portrait® Inspired



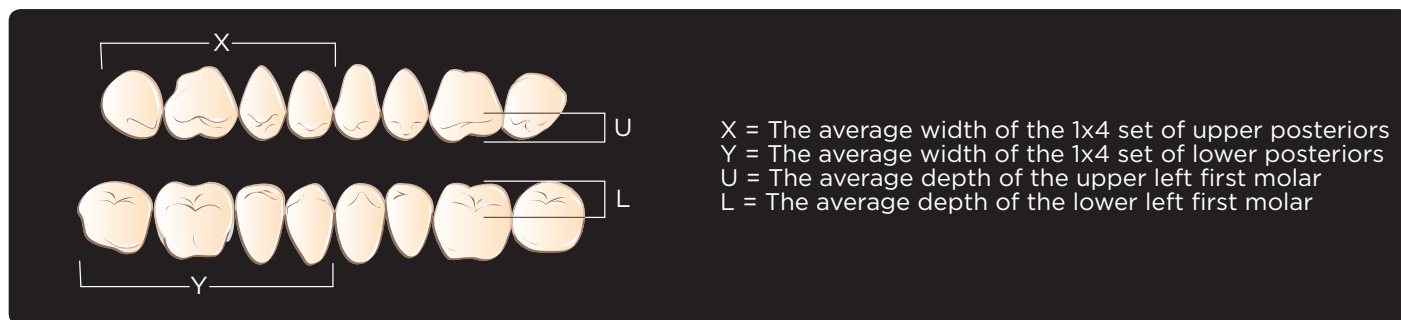
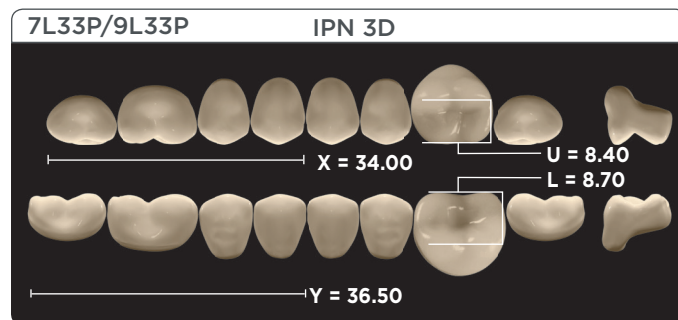
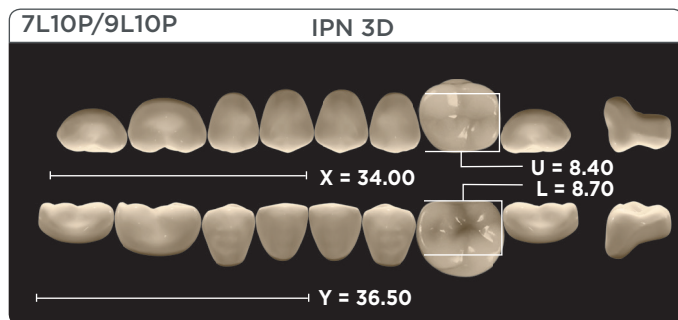
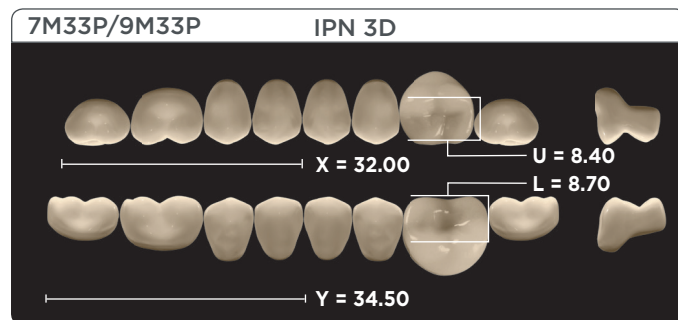
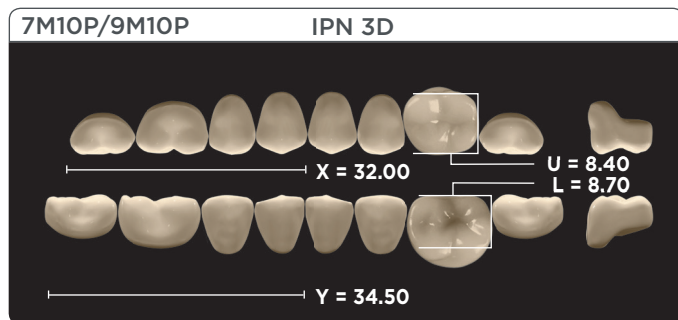
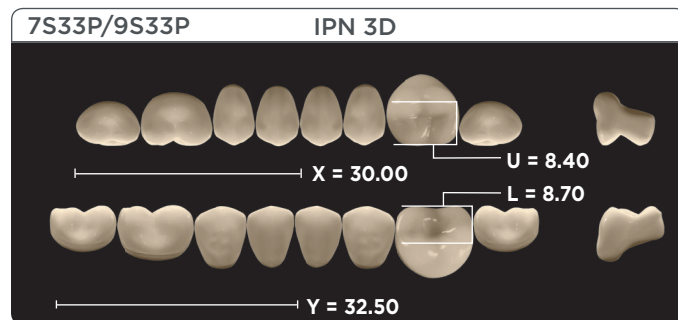
10° Posteriors

IPN 3D™ Digital Denture Teeth
Portrait® Inspired



33° Posteriors

IPN 3D™ Digital Denture Teeth
Portrait® Inspired



IPN 3D™ Digital Denture Teeth Pre-occluded Library Combinations

Balanced Combinations (10°)

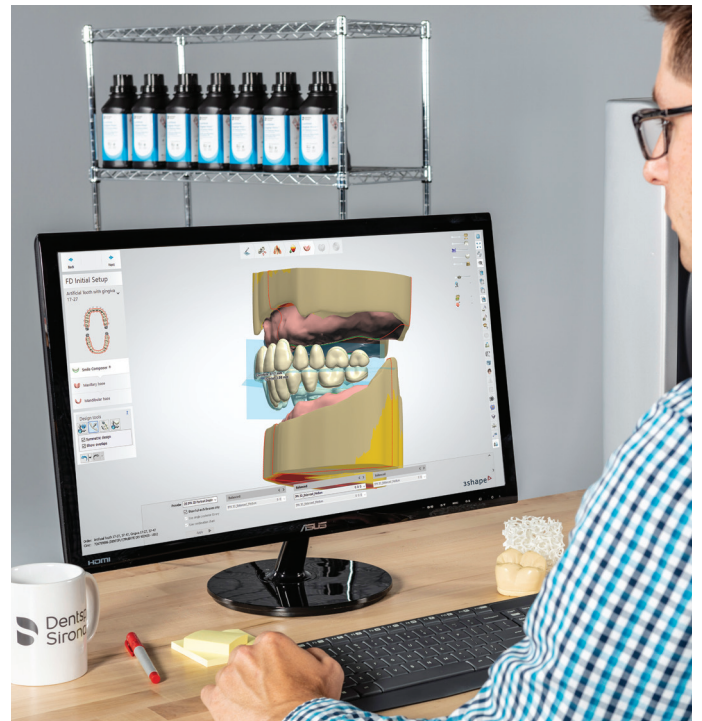
IPN 3D_Balanced_110DP/5DP_7S10P/9S10P
IPN 3D_Balanced_110DP/5DP_7M10P/9M10P
IPN 3D_Balanced_110DP/5DP_7L10P/9L10P
IPN 3D_Balanced_120JP/5JP_7S10P/9S10P
IPN 3D_Balanced_120JP/5JP_7M10P/9M10P
IPN 3D_Balanced_120JP/5JP_7L10P/9L10P
IPN 3D_Balanced_122MP/5MP_7S10P/9S10P
IPN 3D_Balanced_122MP/5MP_7M10P/9M10P
IPN 3D_Balanced_122MP/5MP_7L10P/9L10P
IPN 3D_Balanced_142QP/5QP_7S10P/9S10P
IPN 3D_Balanced_142QP/5QP_7M10P/9M10P
IPN 3D_Balanced_142QP/5QP_7L10P/9L10P
IPN 3D_Balanced_163SP/5SP_7S10P/9S10P
IPN 3D_Balanced_163SP/5SP_7M10P/9M10P
IPN 3D_Balanced_163SP/5SP_7L10P/9L10P
IPN 3D_Balanced_185VP/5VP_7S10P/9S10P
IPN 3D_Balanced_185VP/5VP_7M10P/9M10P
IPN 3D_Balanced_185VP/5VP_7L10P/9L10P

Lingualized Combinations (33°/10°)

IPN 3D_Lingualized_110DP/5DP_7S33P/9S10P
IPN 3D_Lingualized_110DP/5DP_7M33P/9M10P
IPN 3D_Lingualized_110DP/5DP_7L33P/9L10P
IPN 3D_Lingualized_120JP/5JP_7S33P/9S10P
IPN 3D_Lingualized_120JP/5JP_7M33P/9M10P
IPN 3D_Lingualized_120JP/5JP_7L33P/9L10P
IPN 3D_Lingualized_122MP/5MP_7S33P/9S10P
IPN 3D_Lingualized_122MP/5MP_7M33P/9M10P
IPN 3D_Lingualized_122MP/5MP_7L33P/9L10P
IPN 3D_Lingualized_142QP/5QP_7S33P/9S10P
IPN 3D_Lingualized_142QP/5QP_7M33P/9M10P
IPN 3D_Lingualized_142QP/5QP_7L33P/9L10P
IPN 3D_Lingualized_163SP/5SP_7S33P/9S10P
IPN 3D_Lingualized_163SP/5SP_7M33P/9M10P
IPN 3D_Lingualized_163SP/5SP_7L33P/9L10P
IPN 3D_Lingualized_185VP/5VP_7S33P/9S10P
IPN 3D_Lingualized_185VP/5VP_7M33P/9M10P
IPN 3D_Lingualized_185VP/5VP_7L33P/9L10P

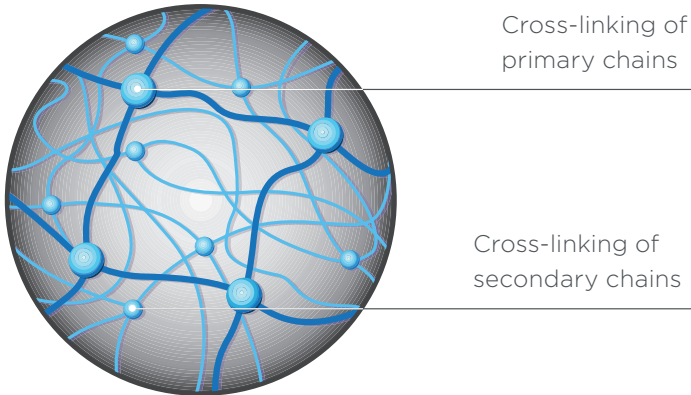
Balanced Combinations (33°)

IPN 3D_Balanced_110DP/5DP_7S33P/9S33P
IPN 3D_Balanced_110DP/5DP_7M33P/9M33P
IPN 3D_Balanced_110DP/5DP_7L33P/9L33P
IPN 3D_Balanced_120JP/5JP_7S33P/9S33P
IPN 3D_Balanced_120JP/5JP_7M33P/9M33P
IPN 3D_Balanced_120JP/5JP_7L33P/9L33P
IPN 3D_Balanced_122MP/5MP_7S33P/9S33P
IPN 3D_Balanced_122MP/5MP_7M33P/9M33P
IPN 3D_Balanced_122MP/5MP_7L33P/9L33P
IPN 3D_Balanced_142QP/5QP_7S33P/9S33P
IPN 3D_Balanced_142QP/5QP_7M33P/9M33P
IPN 3D_Balanced_142QP/5QP_7L33P/9L33P
IPN 3D_Balanced_163SP/5SP_7S33P/9S33P
IPN 3D_Balanced_163SP/5SP_7M33P/9M33P
IPN 3D_Balanced_163SP/5SP_7L33P/9L33P
IPN 3D_Balanced_185VP/5VP_7S33P/9S33P
IPN 3D_Balanced_185VP/5VP_7M33P/9M33P
IPN 3D_Balanced_185VP/5VP_7L33P/9L33P



IPN[®] Material Performance

IPN Structure



Homogenous three-dimensional structure and cross-linking of primary and secondary molecular chains

IPN Characteristics

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

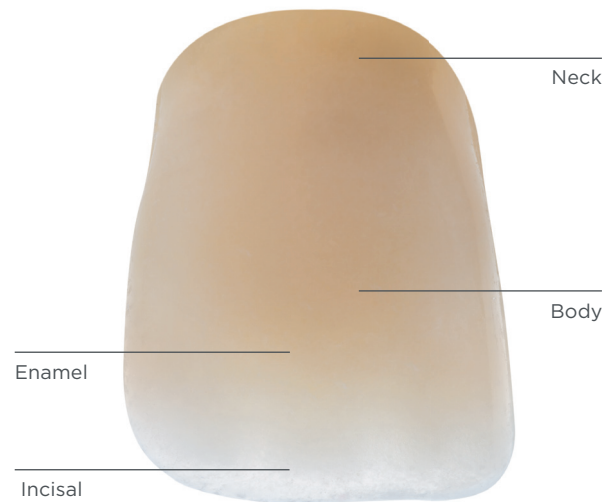
- **Excellent abrasion resistance**
- **Excellent color stability**
- **Maximum bond strength**

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

Shade System

IPN 3D Digital Denture Teeth follow the unique shade patterns of Portrait IPN teeth, delivering youthful aesthetics. Each anterior tooth provides three shaded layers of IPN material creating four distinct aesthetic zones with natural translucency and well-defined mamelons.

Available in all 16 A-D shade designations*, as well as two bleach shades (BL1 and BL3).



* 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.

Give Your Lab a Competitive Advantage

Early 3D printed denture systems compromised strength, aesthetics, and tooth durability. The process to prepare the material, wash, and finish could require significant time and technician skill. Lucitone Digital Print Dentures let you have it all.

High Impact Material

Lucitone Digital Print 3D Denture Resin exceeds ISO requirements for materials with improved impact resistance. The printed material resists breakage due to its unique formula delivering high-impact resistance and flexural strength. A confidence builder for patients, clinicians and labs.



Lucitone Digital Print™ 3D Denture Resin

- Optimized for Carbon M-Series Printers
- 5 Lucitone shades
- Exceeds ISO high impact standards
- No mixing required - just pour & print
- Easy to polish



Lucitone Digital Try-In™ 3D Trial Placement Resin

- Monolithic Try-In materials
- 6 tooth shades

IPN Durability

IPN 3D Digital Denture Teeth are digital- ready teeth that provide a versatile combination of aesthetics, function and performance. IPN 3D deliver exceptional wear resistance and excellent stain resistance.

Body Activated Material

Lucitone Digital Print 3D Denture Resin features smart polymer technology that permits the finished denture to immediately respond to body temperature (while being worn), to have amplified material properties resisting breakage and preventing the worsening of any existing cracks or fractures.

Lucitone Digital Fuse™

Step 1 - 3D Tooth Conditioning Agent



Lucitone Digital Fuse™

Step 2 - 3D Denture Bonding Resin

Lucitone Digital Fuse™

Step 3 - 3D Denture Sealer



inLab Speedcure™ Processing Unit

- 120V light curing machine
- Cures 2 arches in 26 minutes

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