Denture Tooth Libraries

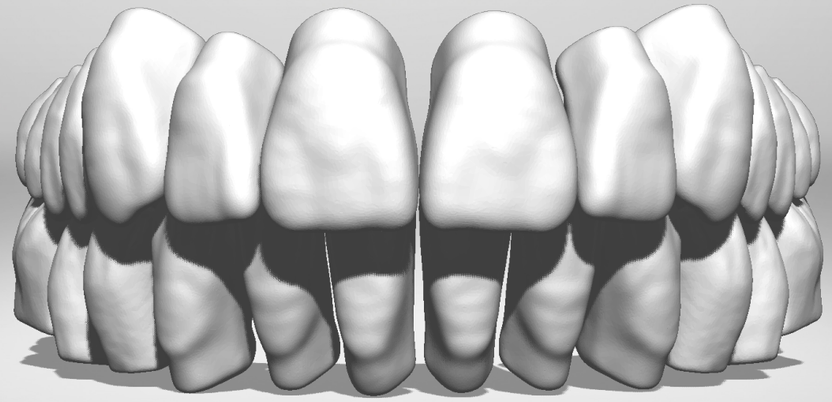
Mould Chart

For dental professionals and laboratories

Dentsply Sirona

Design with Confidence

It's **more than selecting a tooth** for a denture.



Each **smile you design makes a difference** for the doctor's practice and the patient's life.

- **Choose the denture tooth libraries that offer unmatched mould selections and esthetics that each unique patient case demands.**
- **Denture teeth libraries you can rely on for perfect geometry to suit every case. Select moulds and face shapes clinicians know and trust, or design with stylistically detailed European moulds.**
- **Digital Genios and Digital Portrait libraries were created specifically for printing or milling denture teeth.**
- **Pre-occluded posterior set-ups accelerate design time and deliver precise outcomes.**

Dentsply Sirona's denture tooth libraries have been built following rigorous set-up standards by expert dental technicians in the United States and Germany. Reliability of function and precision of outcome is at the heart of each denture tooth library. Combined with the Lucitone Digital Print Denture™ System, these tooth libraries deliver dentures with the esthetics, durability, and function demanded by labs, doctors, and patients. Design with confidence.

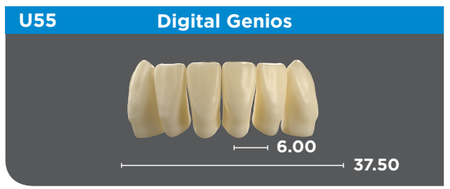
Digital Genios®

Genios® Denture Teeth are highly esthetic, highly individualized moulds for the patient that requires a distinctive European characterization. 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. The broad neck reduces interdental spaces and facilitates a natural esthetic, with a textured labial surface for an impressive natural look.

Digital Genios Anterior Upper

All dimensions in mm.

Digital Genios Anterior Lower



All dimensions in mm.

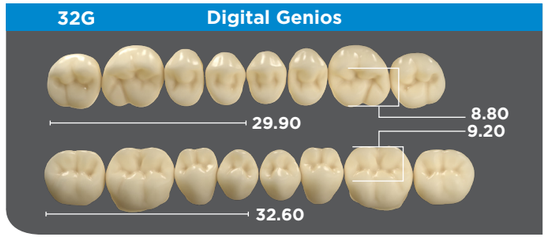
"Each Digital Genios library has been esthetically set-up using optimal upper and lower anterior teeth combinations. You, as the denture designer, add the unique scaling, adjustments, and fine details to create a naturally perfect denture that restores the smile for each unique patient case."

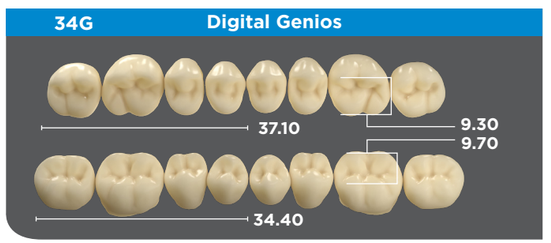
Udo Waniek, Master Dental Technician
Hanau, DE

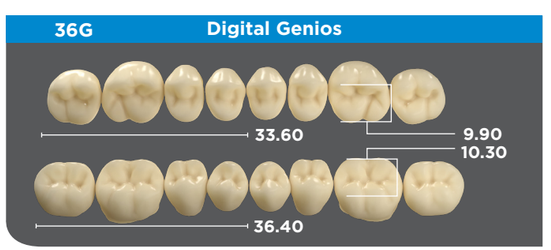
Digital Genios G-Series Posterior Teeth

Fully detailed, fully anatomical posterior teeth. Ideal for use with completely edentulous patients. Designed in Germany by Master Dental Technician Markus Girardi, the Genios G-series occlusal surfaces are intended for natural condylar joint function, easily and efficiently moving through bilateral balance excursion paths.

- Only available digitally – Genios Posterior Moulds 32G, 34G, 36G
- Excellent movement through bilateral balanced excursion paths
- Esthetic denture teeth with anatomical occlusal designs
- Natural function
- Pre-occluded digital libraries minimize denture design time
- Use with full-over-full dentures, full-over-natural dentures.
- A good denture tooth solution for implant retained dentures







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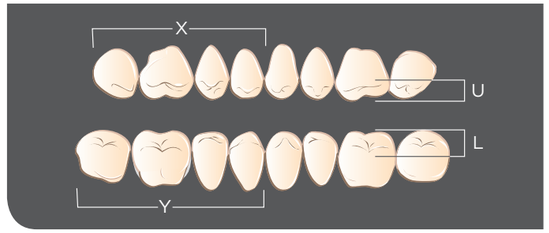


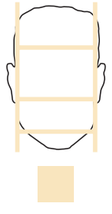
X = The average width of a 1x4 set of upper posteriors;
Y = the lower posteriors.
U = The average depth of the upper left first molar;
L = the lower left first molar.

ISO 22112: 2017. Reference printing/milling materials Instructions for Use (IFU).

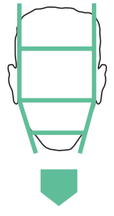
Digital Portrait®

Portrait® Denture Teeth are the most versatile, consistent, and beautiful teeth for results you can believe in - with every case. Confidently design your denture cases with the satisfaction of knowing that Portrait denture teeth give the patient the very best with predictable function, performance, and lifelike esthetics. Select moulds to match each patient's age, facial anatomy, and personality. The diverse selection of anterior moulds and posterior occlusal angles make Portrait IPN an ideal tooth to accommodate each patient's unique needs.

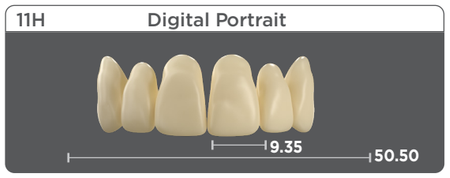
Digital Portrait® Anterior Uppers

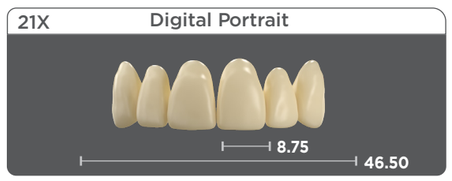


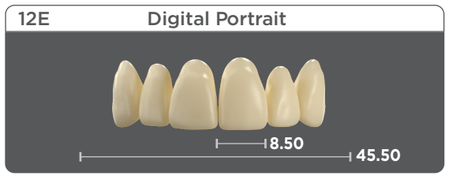
Square

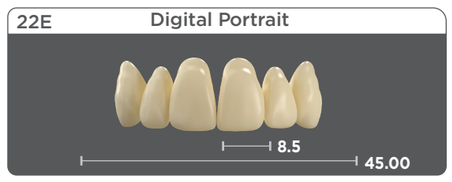


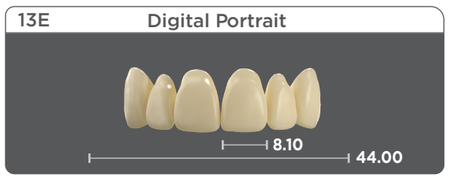
Square Tapering



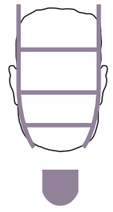




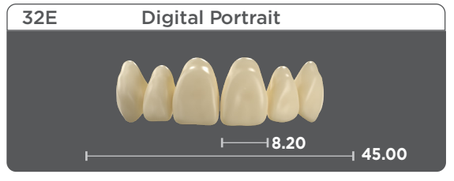


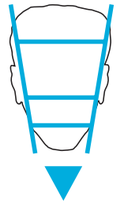


All dimensions in mm.

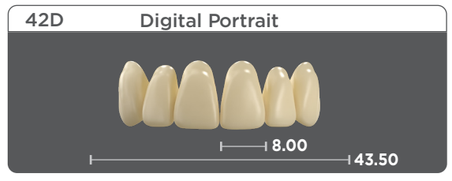


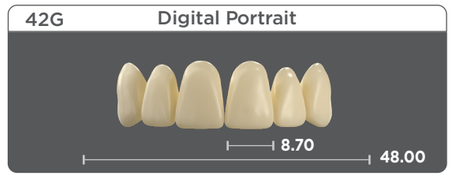
Square Ovoid

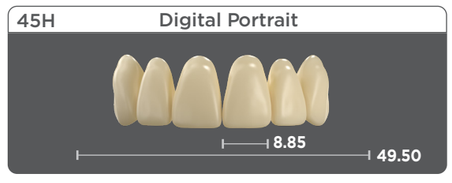




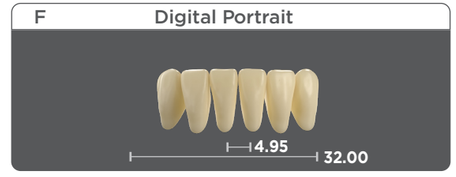
Tapering

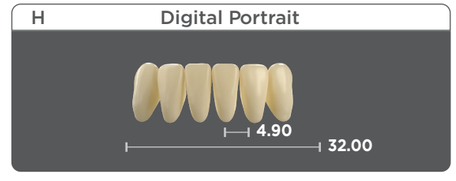


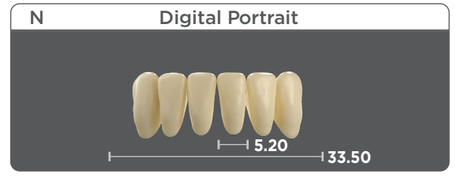


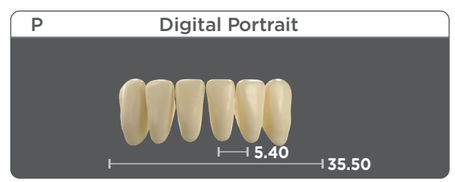


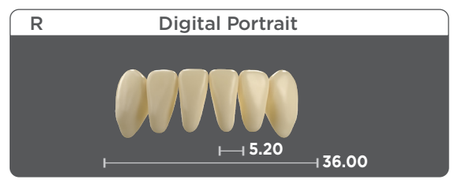
Digital Portrait® Anterior Lowers

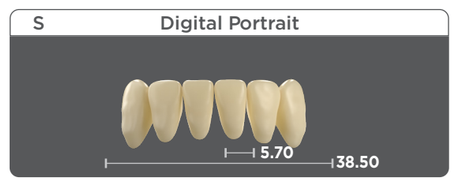












All dimensions in mm.

Digital Portrait® Posterior Teeth

Digital Portrait® Posterior Teeth are defined by naturally distinct cusps and sulcus'. The occlusal surfaces are available in both anatomical 33˚ and semi-anatomical 10˚ posterior denture teeth. Portrait libraries are pre-occluded in either bilateral balance or lingualized occlusion.

- 10˚ teeth have anatomically designed occlusal surfaces
- 33˚ teeth have been digitally adjusted to provide optimized fit
- Modified cusps create better, more natural interdigitation
- Anatomical cusps in the 10˚ teeth help maintain retention during chewing
- Use with full-over-full dentures, full-over-natural dentures.
- A good denture tooth solution for implant retained dentures

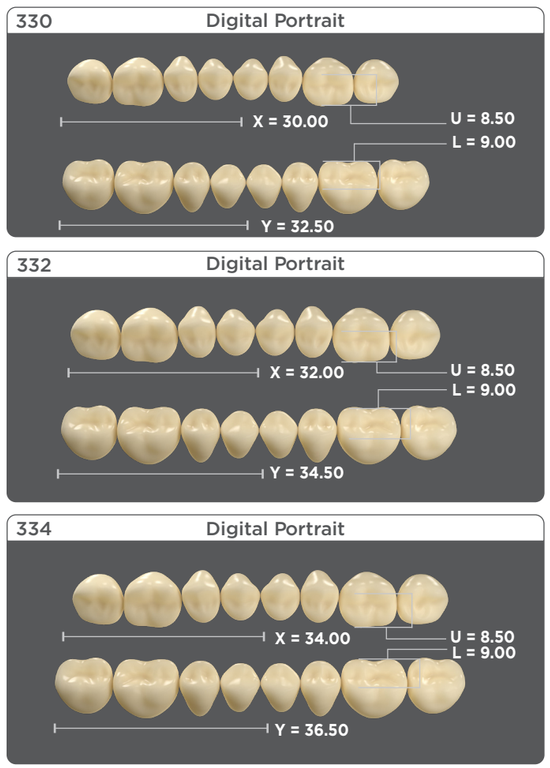
Digital Portrait® 10˚ Semi-Anatomical Posterior Teeth

Provide the look of well-worn natural teeth. Shallow cusps minimize interference, yet provide a definite centric. In occlusion, the upper lingual cusps align to form an exceptionally efficient "lingual cutting knife."

Mandibular First Molar
Buccal View

Digital Portrait Moulds: 330, 332, 334

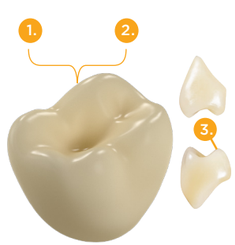
1. Anatomically designed occlusal surface. Natural cusps and valleys.
2. Modified cusps create natural interdigitation.
3. Anatomical cusps help maintain retention during chewing.



All dimensions in mm.

Digital Portrait® 33˚ Anatomical Posterior Teeth

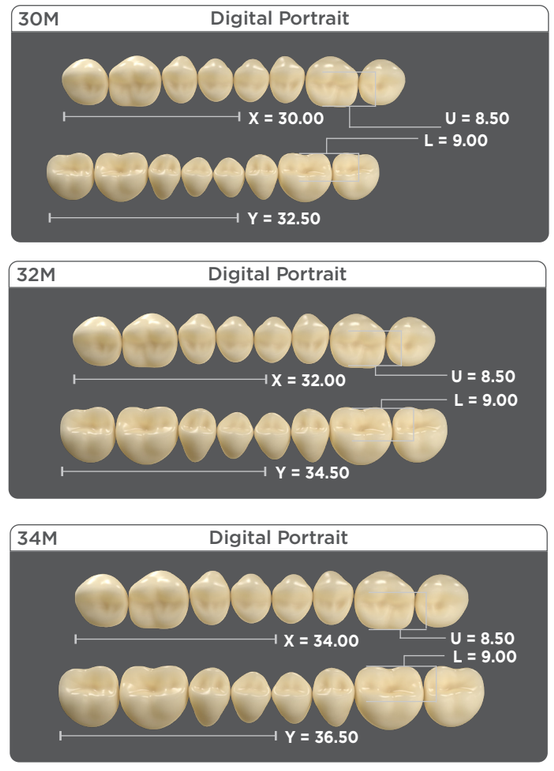
The natural anatomy of these teeth closely simulates that of fully formed natural teeth. The fully anatomical cusps and well-defined sulci contribute to a high degree of chewing efficiency.



Mandibular First Molar
Buccal View

Digital Portrait Moulds: 30M, 32M, 34M

1. Digitally adjusted occlusal surface to provide better fit.
2. Deeper sulcus' are also visible.
3. Lower first premolar with an enhanced lingual cusp.

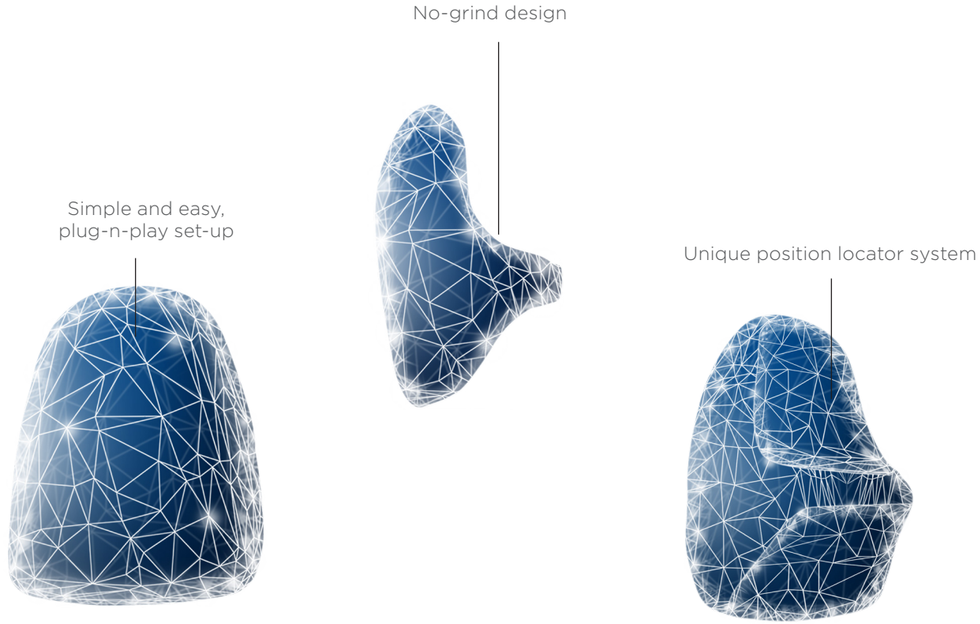


All dimensions in mm.

IPN 3D™

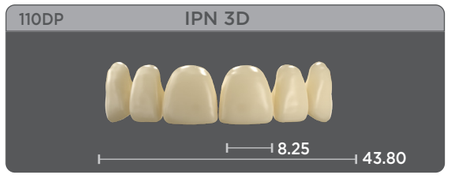
IPN 3D™ Digital Denture Teeth bring technological advancement to the denture lab – transforming traditional, highly-esthetic manufactured teeth for a digital world. Distinctively designed for printed or milled appliances. The digital libraries have been optimized for designers to deliver digital accuracy.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

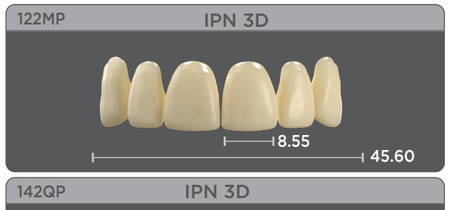
- Pre-configured and pre-occluded libraries for quick design
- Libraries include combinations for both balanced and lingualized set-ups
- Designed for precision mounting
- Unique position locator system enables plug-n-play assembly
- Simplified process for efficiency and reliability
- Permits new and 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

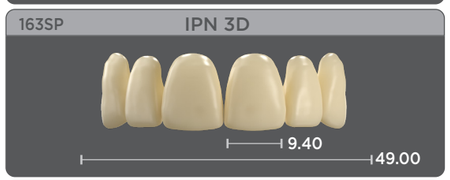


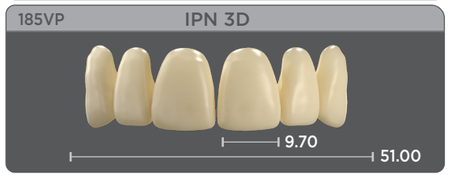
Our IPN 3D digital denture teeth are distinctively designed, for printed or milled appliances.

IPN 3D™ Anterior Uppers
Portrait Inspired

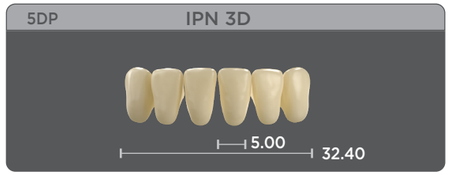


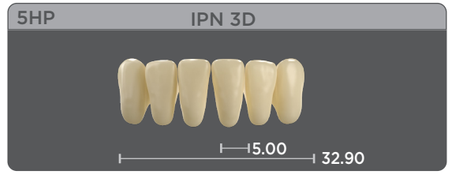


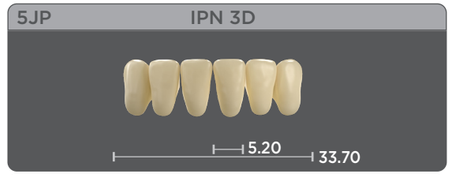


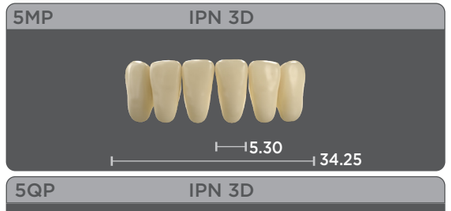


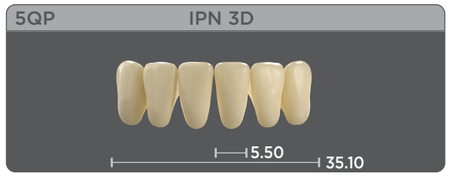
IPN 3D™ Anterior Lowers
Portrait Inspired

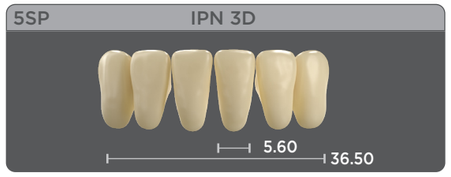


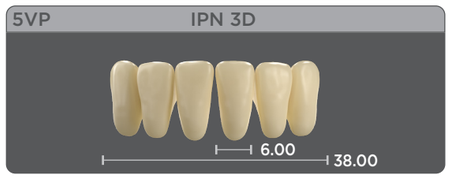






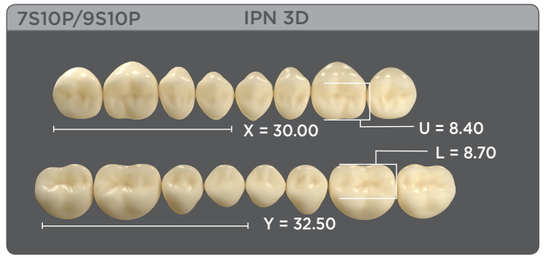


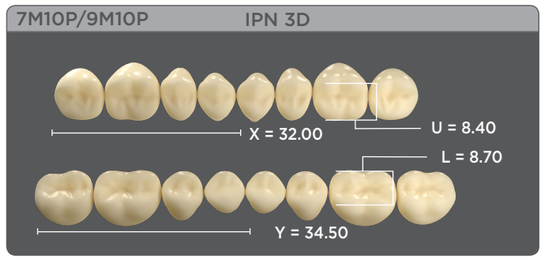


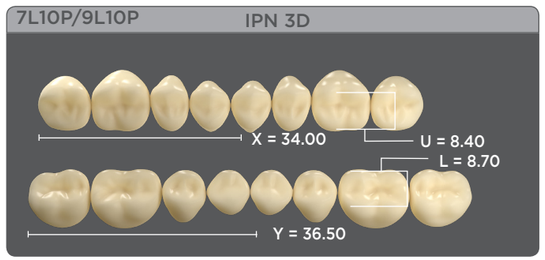


All dimensions in mm.

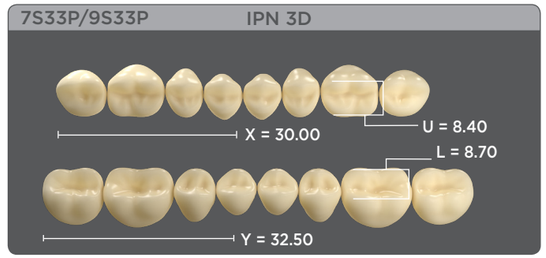
IPN 3D™ 10° Posterior Teeth
Portrait Inspired

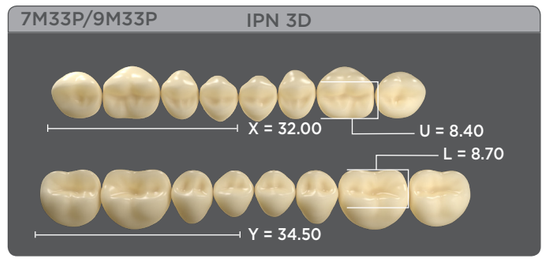


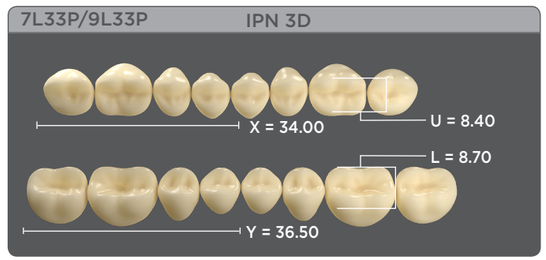


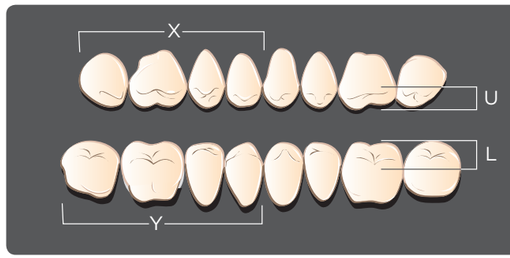


IPN 3D™ 33° Posterior Teeth
Portrait Inspired





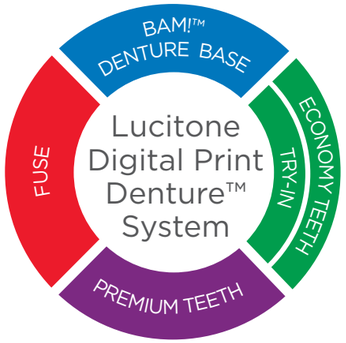




X = The average width of the 1x4 set of upper posteriors
Y = The average width of the 1x4 set of lower posteriors
U = The average depth of the upper left first molar
L = The average depth of the lower left first molar

All dimensions in mm.

ISO 22112:2017



Give Your Lab a Competitive Advantage

The Lucitone Digital Print Denture™ System provides an easy-to-operate, cost-effective way for any lab with a Carbon® M1, Carbon® M2, Asiga MAX™ UV, or Asiga PRO 4K™ printer to scale up production and drive profitability, without sacrificing the material standards established with traditional products.

High Impact Material

Lucitone Digital Print™ 3D Denture Base 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.

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.

Tooth Material

The DS Multilayer PMMA Disc lets you mill strong, beautiful teeth for even the most complex denture cases. Available in 16 A—D shades and one bleach shade.
IPN 3D carded teeth are distinctively designed for printed or milled appliances. A "no-grind design" virtually eliminates intaglio breakthrough.

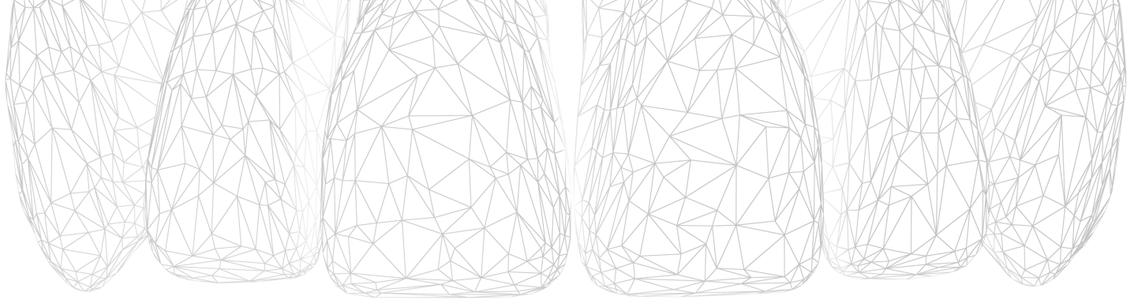
Lucitone Digital Print™
3D Denture Base

Lucitone Digital Value™
3D Economy Tooth & Trial Placement

Lucitone Digital Fuse™

IPN 3D Portrait Inspired

DS Multilayer PMMA Disc



Multiple shades, multiple possibilities

DS Multilayer PMMA Disc

lets you mill strong, beautiful teeth for even the most complex denture cases.

- Validated dual-use material for premium denture teeth and temporary crowns & bridges
- 13 individual layers of dentin and enamel shades that blend seamlessly together
- Ready for single-arch and class I, II, and III occlusions
- Exceeds any previously set standard for durability and without compromising esthetics
- Available in 16 A–D shades and one bleach shade

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