

Even better solutions for perfect dentures



VITA PROSTHETIC SOLUTIONS

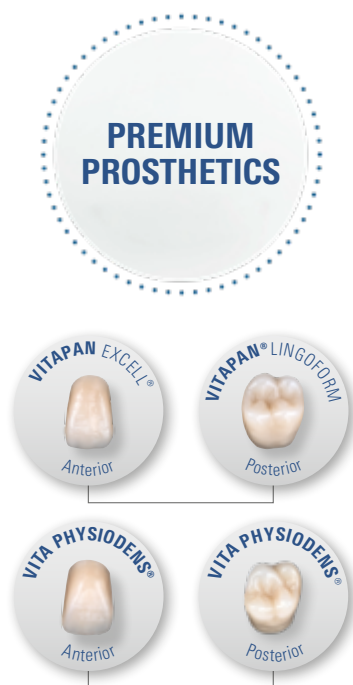
With VITA PROSTHETIC SOLUTIONS, you benefit from natural esthetics, reliable material quality and a comprehensive range of practice-focused solutions.



Overview of tooth lines

Manufacturing premium dentures.

VITA PREMIUM PROSTHETICS offer high-value MRP (Microfiller Reinforced Polymer matrix) composite teeth with a naturally vivid play of shapes and shades for impressive, highly esthetic full, partial and implant-retained dentures.



Solve a wide variety of cases predictably and reliably.

VITA UNIVERSAL PROSTHETICS have been offering proven MRP (Microfiller Reinforced Polymer matrix) composite teeth for decades with a variety of shades and shapes for convincing results in a wide range of patient cases.



More esthetics for the money.

VITA STANDARD PROSTHETICS offer HC polymer teeth (Highly Cross-Linked Polymer) for the simple and reliable production of solid standard restorations.



VITA VIONIC SOLUTIONS: Elevate your Digital Dentures

Take the next step: We guide you through the process of digital dentures. Whether printing, milling or a smart mix of both – choose the workflow that works best for you.





Anterior

VITAPAN EXCELL®

Premium anterior teeth generation with a brilliant play of shape, shade and light for natural-looking dentures.

Mould

- lifelike tooth geometry for brilliant results
- distinctive incisal characteristics for special vitality
- wide palatal bars for ideal interdental spacing/papilla creation

Special features

- elaborate surface structure for natural diffusion and reflection of light. A simple polish makes it easy to adapt the surface structure to suit the age of the patient
- 3D-layered structure for natural shade gradient

Recommended for, but not limited to,

- full and partial dentures
- implant-supported dentures

Occlusal/setup concept

For all common setups (lingualized or buccal contacts), as well as balanced or anterior-cuspid-guided concepts, e.g., according to Gysi, Prof. Dr. A. Gerber, APF/TiF or ABC.

Available shades

- 29 x VITA SYSTEM 3D-MASTER shades
0M1, 0M2, 0M3, 1M1–5M3
- 16 x VITA classical A1–D4 shades

Truly natural

The wide range of shapes and shades provides freedom of choice and individuality.

Truly lifelike

The balanced light transmission results in true-to-life light dynamics and also enables thinner restorations.

Truly strong

The VITA premium teeth made of high-quality MRP composite combine durability, improved polishing characteristics and natural esthetics.

Mould overview



ovoid



triangular



rectangular



square

UJ Anterior

041  10.1 7.4	043  9.7 7.9	045  9.7 8.4	047  10.3 8.6	048  11.1 9.1	049  11.2 9.0	051  12.3 9.3
T42  9.5 7.7	T44  9.7 8.1	T46  11.1 8.2	T47  11.2 8.5	T48  10.5 8.7	T50  11.6 9.2	T51  11.8 9.4
T54  12.7 9.8						
R45  9.9 8.2	R47  11.2 8.6	R49  11.6 8.9				
S46  10.3 8.5	S48  9.1 8.7	S52  10.7 9.6				

LJ Anterior

L33  9.0 5.0	L35  9.9 5.2	L37  9.4 5.5	L37LC  11.4 5.6	L39  9.8 6.0	L41  10.8 6.1	
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Recommended combinations

VITAPAN EXCELL® Anterior		VITAPAN® LINGOFORM Posterior		VITAPAN EXCELL® Anterior		VITAPAN® LINGOFORM Posterior	
UJ / No.	LJ / No.	UJ / No.	LJ / No.	UJ / No.	LJ / No.	UJ / No.	LJ / No.
 mm	 mm	 mm	 mm	 mm	 mm	 mm	 mm
041 41.3	L33 33.2	21L 30.1	21L 30.7	T47 46.9	L37 37.3	22L 31.6	22L 32.1
043 43.1	L33 33.2	21L 30.1	21L 30.7	T48 48.1	L37 37.3	22L 31.6	22L 32.1
045 45.1	L35 35.3	22L 31.6	22L 32.1	T50 50.0	L39 39.0	24L 35.8	24L 36.4
047 47.3	L37 37.3	22L 31.6	22L 32.1	T51 51.4	L39 39.0	23L 34.2	23L 34.8
048 48.1	L37/ L37LC 37.3/ 37.4	22L 31.6	22L 32.1	T54 54.4	L41 41.2	24L 35.8	24L 36.4
049 49.1	L39 39.0	23L 34.2	23L 34.8	R45 45.4	L35 35.3	22L 31.6	22L 32.1
051 51.4	L41 41.2	24L 35.8	24L 36.4	R47 47.0	L37 37.3	22L 31.6	22L 32.1
T42 42.0	L33 33.2	21L 30.1	21L 30.7	R49 49.1	L39 39.0	23L 34.2	23L 34.8
T44 44.1	L33 33.2	21L 30.1	21L 30.7	S46 46.3	L35 35.3	22L 31.6	22L 32.1
T46 46.2	L35 35.3	22L 31.6	22L 32.1	S48 47.9	L37 37.3	22L 31.6	22L 32.1
				S52 52.1	L41 41.2	23L 34.2	23L 34.8

The information contained in the combination table is only intended as a guide, and can vary depending on the patient's individual situation.



Posterior

VITAPAN® LINGOFORM

Premium posterior teeth combine function and esthetics in an outstanding manner.

Mould

- three-dimensional tooth geometry with natural lingobuccal dimension
- multifunctional occlusal surface design with defined centric contacts

Recommended for, but not limited to,

- full and partial dentures
- implant-supported dentures

For all common setups (lingualized or buccal contacts), as well as balanced or anterior-cuspid-guided concepts
e.g., according to Gysi, Prof. Dr. A. Gerber, APF/TiF and ABC

Especially suitable for

lingualized occlusion concepts

Available shades

- 29 x VITA SYSTEM 3D-MASTER shades
0M1, 0M2, 0M3, 1M1–5M3
- 16 x VITA classical A1–D4 shades

Truly functional

Functionally designed occlusal areas promote optimal static alignment of the dentures, protect the tooth substance and offer a high level of comfort.

Truly simple

VITAPAN LINGOFORM is suitable for all setup concepts, including lingualized occlusion. The VITA Easy Centric principle facilitates a simple and intuitive setup with automatic centering.

Truly esthetic

The multiple layers and natural surface morphology create a vibrant and harmonious light-reflecting property.

Posterior				
21L	22L	23L	24L	
9.6	10.0	10.9	11.0	
10.0	10.2	10.8	11.2	



Anterior

VITA PHYSIODENS®

Premium anterior teeth for highly detailed prosthetic restorations.

Mould

- natural three-dimensional tooth geometry for very good integration in the remaining dentition
- lifelike, distinctive incisal characteristics and natural labial curvature
- broad tooth neck for ideal interdental space/papilla modeling
- high (basal) volume for masking secondary/tertiary structures

Special features

- excellent chromaticity for good masking of tertiary structures
- elaborate surface structure for lively play of light
- 3D-layered structure for natural shade gradient

Recommended for, but not limited to,

- full dentures
- partial dentures
- implant-supported dentures
- telescopic and conical restorations
- dental prosthetics and cast-on dentures

Especially suitable for

BLP (BIO-Logical Prosthetics) according to Dr. E. End

Available shades

- 28 x VITA SYSTEM 3D-MASTER shades
0M1, 0M3, 1M1–5M3
- 16 x VITA classical A1–D4 shades
A1–D4

Unique

Wide range of shades and shapes in a detailed design – inspired by nature.

Sophisticated

Tooth design for maximum function can be used in a versatile and flexible way.

Exceptional

High-quality MRP material, functionality and esthetics for the highest demands.

Mould overview

 ovoid  triangular  rectangular  square	UJ Anterior						
	01S  10.8 7.6	02L  11.5 8.4	03M  10.8 8.6	04L  12.7 9.0	05L  11.4 9.1	06L  13.1 9.7	
	T6S*  10.4 7.4	T2S  10.1 8.3	T1S  10.2 8.7	T3M  11.7 8.4	T4M  11.3 8.8	T5M  11.1 8.8	T6L  12.4 8.9
	T7M  11.6 8.8	T8L  11.6 9.2	T9L  13.1 9.4				
	X1M  11.0 8.8	X2L  11.6 8.7	X3L  11.8 9.0				
	Z1S  9.8 8.1	Z2S  10.1 8.7					

LJ Anterior						
L1S  8.8 4.9	L2M  10.4 5.2	L3M  10.5 5.2	L4M  9.4 5.4	L5M  10.4 5.5	L6L  11.4 5.8	L7L  10.4 5.5
L8L  13.0 6.3						

*) Mould only available in VITA SYSTEM 3D-MASTER shade.

Recommended combinations

VITA PHYSIODENS® Anterior		VITA PHYSIODENS® Posterior		VITA PHYSIODENS® Anterior		VITA PHYSIODENS® Posterior	
UJ / No.  mm	LJ / No.  mm	UJ / No.  mm	LJ / No.  mm	UJ / No.  mm	LJ / No.  mm	UJ / No.  mm	LJ / No.  mm
01S 42.3	L1S 33.0	21E 30.5	21E 32.7	T5M 46.2	L3M 36.3	23E 33.5	23E 34.6
02L 45.7	L2M 34.5	22E 32.9	22E 33.7	T6L 47.3	L5M 37.0	23E 33.5	23E 34.6
03M 47.2	L3M 36.3	23E 33.5	23E 34.6	T7M 47.5	L7L 38.2	23E 33.5	23E 34.6
04L 49.2	L6L 38.2	24E 34.8	24E 36.1	T8L 49.0	L5M 37.0	24E 34.8	24E 36.1
05L 50.1	L6L 38.2	24E 34.8	24E 36.1	T9L 49.6	L6L 38.2	25E 36.7	25E 37.3
06L 51.3	L8L 43.5	25E 36.7	25E 37.3				
T6S 41.0	L1S 33.0	21E 30.5	21E 32.7	X1M 46.3	L3M 36.3	23E 33.5	23E 34.6
T2S 44.9	L2M 34.5	21E 30.5	21E 32.7	X2L 46.2	L4M 35.5	23E 33.5	23E 34.6
T1S 45.3	L1S 33.0	20E 29.4	20E 31.0	X3L 47.8	L5M 37.0	24E 34.8	24E 36.1
T3M 45.6	L3M 36.3	22E 32.9	22E 33.7	Z1S 44.1	L1S 33.0	21E 30.5	21E 32.7
T4M 45.6	L4M 35.5	22E 32.9	22E 33.7	Z2S 47.5	L5M 37.0	22E 32.9	22E 33.7

The information contained in the combination table is only intended as a guide and can vary, depending on the patient's individual situation.



Posterior

VITA PHYSIODENS®

Fully anatomical premium posterior teeth based on the natural model

Mould

- three-dimensional tooth geometry based on natural tooth dimension
- occlusal surface/cusp relief according to the natural, fully anatomical template

Special features

- high (basal) volume
- UJ cusp angle approx. > 30°
- detailed fissure design

Recommended for, but not limited to,

- full dentures
- partial dentures
- implant-supported dentures
- telescopic and conical restorations
- dental prosthetics and cast-on dentures

Especially suited for

BLP (BIO-Logical Prosthetics) according to Dr. E. End

Available shades

- 28 x VITA SYSTEM 3D-MASTER shades 0M1, 0M3, 1M1–5M3
- 16 x VITA classical A1–D4 shades A1–D4

Natural morphology

Simple restoration of natural chewing function, thanks to occlusal surfaces with natural morphology.

Intuitive centric finding

Easy to set up with automatic centric finding, thanks to the coordinated occlusal design.

Outstanding durability

Reliable VITA quality you expect, thanks to high resilience and abrasion stability.

Posterior					
20E	21E	22E	23E	24E	25E
8.9	9.5	9.5	11.1	11.8	11.2
8.3	8.7	9.0	9.8	9.8	9.5



Anterior

VITAPAN®

Age-appropriate, distinctive universal anterior teeth made of MRP composite.

Mould

- age-appropriate, distinctive tooth geometry for full/partial dentures
- flat, naturally abraded incisal characteristics
- narrow tooth neck

Special features

- perfect balance between chroma and translucency
- harmonious surface structure with maturation characteristics
- 3D-layered structure for natural shade gradient

Recommended for, but not limited to,

- full/partial dentures
- gerontoprotheses
- dentures in cases of limited space

For all common setups (lingualized or buccal contacts), as well as balanced or anterior-cuspid-guided concepts:
e.g., according to Gysi, Prof. Dr. A. Gerber, APF/TiF, and ABC

Available shades

- **28 x VITA SYSTEM 3D-MASTER shades**
0M1, 0M3, 1M1–5M3
- **15 x VITA classical A1–D4 shades**
A1–D4 (ohne B1)

Age-appropriate

Multifaceted shapes enable the fabrication of age-appropriate full/partial dentures.

Natural shade effects

Integrated 3D shade gradient from the cervical to the incisal area.

Efficiency

Very good material homogeneity and edge stability.

Mould overview



ovoid



triangular



rectangular



square

UJ Anterior						
013 9.5 7.9	025 9.9 8.1	034 9.7 8.0	035 9.8 8.0	043 9.4 8.2	086 9.9 8.9	097 11.5 9.0
098* 11.8 9.0	099 12.5 9.8					
T36* 10.1 8.1	T53 9.2 8.1	T56 10.0 8.3	T66 10.2 8.3	T67 10.0 8.4	T76* 10.4 8.2	T77* 10.6 8.5
T88* 10.6 8.7	T98 10.8 9.3	T99 11.1 9.0				
X13 9.3 7.7	X66 10.1 8.9	X77 10.1 8.5	X87 10.1 8.9	X96 10.0 9.3	X99 12.7 9.4	
Z51 8.8 8.3	Z61 8.7 8.2	Z74 9.6 8.8	Z84 9.4 8.7	Z85 9.7 8.6	Z97 10.2 8.5	

LJ Anterior							
L3 8.0 5.9	L5* 9.2 5.2	L5L 9.9 5.1	L7* 8.7 5.4	L9 9.0 5.6	L11* 9.1 5.7	L13 8.7 5.6	L15 12.2 5.7
L4* 8.3 4.7	L8 9.8 5.9	L10 9.2 5.9	L12 9.8 6.2	L14 10.9 6.1			

*) Bleached shade(s) 0M1 and 0M3 exclusively for selected mould(s).

Recommended combinations

For partial and hybrid dentures:

VITAPAN Anterior in combination with VITAPAN CUSPIFORM Posterior

For gerontoprosthetics:

VITAPAN Anterior in combination with VITAPAN SYNOFORM Posterior

VITAPAN® Anterior		VITAPAN® CUSPIFORM Posterior		VITAPAN® SYNOFORM Posterior	
UJ / No. mm	LJ / No. mm	UJ / No. mm	LJ / No. mm	UJ / No. mm	LJ / No. mm
013 41.7	L4 32.7	40C 28.1	40C 29.5	10S 29.0	10S 30.5
025 42.8	L3 33.4	40C 28.1	40C 29.5	10S 29.0	10S 30.5
034 43.3	L3 33.4	41C 29.9	41C 31.3	11S 30.0	11S 31.9
035 43.2	L3 33.4	41C 29.9	41C 31.3	11S 30.0	11S 31.9
043 43.6	L5 35.3	41C 29.9	41C 31.3	11S 30.0	11S 31.9
086 47.1	L11 36.9	42C 31.7	42C 33.4	12S 31.1	12S 32.7
097 49.2	L8 38.9	44C 32.8	44C 34.6	14S 33.1	14S 35.4
098 48.1	L13 37.0	42C 31.7	42C 33.4	12S 31.1	12S 32.7
099 52.5	L14 41.7	45C 34.8	45C 36.3	14S 33.1	14S 35.4

See the next page for additional combinations. >

Recommended combinations

VITAPAN® Anterior		VITAPAN® CUSPIFORM Posterior		VITAPAN® SYNOFORM Posterior	
UJ / No.  mm	LJ / No.  mm	UJ / No.  mm	LJ / No.  mm	UJ / No.  mm	LJ / No.  mm
T36 43.7	L4 32.7	40C 28.1	40C 29.5	10S 29.0	10S 30.5
T53 44.6	L5 35.3	41C 29.9	41C 31.3	11S 30.0	11S 31.9
T56 44.4	L5 35.3	41C 29.9	41C 31.3	11S 30.0	11S 31.9
T66 44.6	L5 35.3	42C 31.7	42C 33.4	12S 31.1	12S 32.7
T67 45.1	L4 32.7	42C 31.7	42C 33.4	12S 31.1	12S 32.7
T76 45.9	L7 36.2	42C 31.7	42C 33.4	12S 31.1	12S 32.7
T77 46.2	L11 36.9	42C 31.7	42C 33.4	12S 31.1	12S 32.7
T88 47.1	L11 36.9	44C 32.8	44C 34.6	14S 33.1	14S 35.4
T98 50.5	L15 38.0	45C 34.8	45C 36.3	14S 33.1	14S 35.4
T99 48.0	L11 36.9	44C 32.8	44C 34.6	14S 33.1	14S 35.4

Recommended combinations

VITAPAN® Anterior		VITAPAN® CUSPIFORM Posterior		VITAPAN® SYNOFORM Posterior	
UJ / No.  mm	LJ / No.  mm	UJ / No.  mm	LJ / No.  mm	UJ / No.  mm	LJ / No.  mm
X13 41.5	L4 32.7	41C 29.9	41C 31.3	11S 30.0	11S 31.9
X66 45.9	L9 36.1	42C 31.7	42C 33.4	12S 31.1	12S 32.7
X77 47.0	L11 36.9	42C 31.7	42C 33.4	12S 31.1	12S 32.7
X87 46.9	L11 36.9	44C 32.8	44C 34.6	14S 33.1	14S 35.4
X96 50.0	L10 39.0	44C 32.8	44C 34.6	14S 33.1	14S 35.4
X99 50.6	L15 38.0	45C 34.8	45C 36.3	14S 33.1	14S 35.4
Z51 44.6	L3 33.4	43C 31.0	43C 32.3	13S 31.3	13S 33.9
Z61 45.5	L3 33.4	43C 31.0	43C 32.3	12S 31.1	12S 32.7
Z74 46.7	L9 36.1	42C 31.7	42C 33.4	12S 31.1	12S 32.7
Z84 46.7	L9 36.1	42C 31.7	42C 33.4	12S 31.1	12S 32.7
Z85 47.5	L13 37.0	44C 32.8	44C 34.6	14S 33.1	14S 35.4
Z97 52.2	L12 41.0	45C 34.8	45C 36.3	14S 33.1	14S 35.4



Posterior

VITAPAN® CUSPIFORM

Age-appropriate, universal anterior teeth made of MRP composite.

Mould

- narrow, delicate tooth geometry for greater tongue clearance
- pronounced occlusal surface/cusp relief for well defined centric occlusion and intercuspitation

Special features

- UJ cusp angle: approx. 23° to 28°
- 3D-layered structure for natural shade gradient

Recommended for, but not limited to,

- full/partial denture
- dentures in cases of limited space

Suitable for all established concepts of lingual and balanced occlusion

e.g., according to Gysi, Prof. Dr. A. Gerber, APF/TiF and ABC

Especially suitable for

buccal occlusal concepts

Available shades

- 27 x VITA SYSTEM 3D-MASTER shades 0M3, 1M1–5M3
- 15 x VITA classical A1–D4 shades A1–D4 (without B1)

Natural morphology

Simple restoration of natural chewing function, thanks to occlusal surfaces with natural morphology.

Outstanding durability

Due to high load capacity and abrasion stability.

Efficient

Due to the material's excellent homogeneity and edge stability.

Posterior					
40C	41C*	42C*	43C	44C*	45C
7.8	8.4	8.3	8.5	9.1	9.4
7.6	8.0	8.0	8.1	8.7	8.6

*) Bleached shade 0M3 available exclusively for selected mould(s).



Posterior

VITAPAN SYNOFORM®

Slender universal posterior teeth made of MRP composite with flat occlusal surface relief.

Mould

- narrow, delicate tooth geometry for greater tongue clearance
- flat, reduced occlusal surface/cusp relief for more freedom of movement

Special features

- UJ cusp angles: approx. 6°
- 3D-layered structure for natural shade gradient

Recommended for, but not limited to,

- full and partial dentures
- implant-supported dentures
- gerontoprotheses

For all common setups (lingualized or buccal contacts), as well as balanced or anterior-cuspid-guided concepts
e.g., according to Gysi, Prof. Dr. A. Gerber, APF/TiF and ABC

Available shades

- 15 x VITA classical A1–D4 shades
A1–D4 (without B1)

For gerontoprosthesis

Simple reproduction of the chewing function, thanks to flat chewing surface relief for more freedom of movement.

Outstanding durability

High load capacity and abrasion stability.

Efficiency

Very good material homogeneity and edge stability.

Posterior					
10S	11S	12S	13S	14S	
7.5	7.8	8.7	8.3	9.3	
6.8	7.3	7.8	7.4	8.3	



Anterior and Posterior

VITA MFT®

Amazing efficiency and compelling quality.

Mould

Anterior

- universal tooth geometry with natural shape
- attractive, natural incisal design

Posterior

- universal tooth geometry with natural lingobuccal extension
- multifunctional occlusal surface design with predefined contact points

Special features

- balanced enamel-dentine ratio for a natural play of light
- nuance-rich surface texture with integrated mamelons
- 3D-layered structure for natural shade gradient
- UJ cusp angle: approx. 15° to 20°

Recommended for, but not limited to,

- solid standard solutions for full/partial dentures

For all common setups (lingualized or buccal contacts), as well as balanced or anterior-cuspid-guided concepts:

e.g., according to Gysi, Prof. Dr. A. Gerber, APF/TiF and ABC

Available shades

- **16 x VITA SYSTEM 3D-MASTER shades**
(0M1, 0M2, 0M3, 1M1, 2L1.5, 2M1, 2M2, 3M1, 3L1.5, 3L2.5, 3M2, 3R2.5, 3M3, 4L1.5, 4M2, 5M1)
- **16 x VITA classical A1–D4 shades**

Saves time

Simple and efficient setup, thanks to VITA Easy Centric principle. Suitable for all common setup techniques.

Saves money

Multifunctional, economic denture tooth in a large range of shades and shapes. Available in 16 VITA SYSTEM 3D-MASTER shades and 16 VITA classical A1-D4 shades.

Reduces stress

Reliable and rapid results with compelling quality for you and your patients.

Mould overview

UJ Anterior				
 ovoid	O40  10.0 7.5	O44  10.2 8.1	O49  11.8 9.0	
 triangular	T41  9.4 7.5	T43  10.3 8.2	T46  10.2 8.5	T49  11.8 9.0
 rectangular	R42  9.3 7.9	R45  10.3 8.2	R47  11.0 8.5	
 square	S47  10.8 8.9	S50  12.0 9.2		
LJ Anterior				
	L33  9.0 4.8	L34  8.6 5.1	L37  9.8 5.5	L37LN*  9.8 5.5
		L40  10.5 6.1		
Posterior				
	PU29 – PL29  9.0 9.5	PU31 – PL31  9.6 10.0	PU33 – PL33  10.3 10.6	

*) LN tooth geometry with longer tooth neck

Recommended combinations

VITA MFT® Anterior		VITA MFT® Posterior	
UJ / No.  mm	LJ / No.  mm	UJ / No.  mm	LJ / No.  mm
O40 40.0	L33 32.6	PU29 28.8	PL29 29.6
O44 43.9	L34 34.0	PU29 28.8	PL29 29.6
O49 49.2	L40 39.5	PU33 33.0	PL33 33.6

T41 40.5	L33 32.6	PU29 28.8	PL29 29.6
T43 43.3	L34 34.0	PU31 30.6	PL31 31.1
T46 46.1	L37 36.8	PU31 30.6	PL31 31.1
T49 48.8	L40 39.5	PU33 33.0	PL33 33.6

R42 42.1	L34 34.0	PU29 28.8	PL29 29.6
R45 44.5	L37 36.8	PU31 30.6	PL31 31.1
R47 46.6	L37 36.8	PU33 33.0	PL33 33.6

VITA MFT® Anterior		VITA MFT® Posterior	
UJ / No.  mm	LJ / No.  mm	UJ / No.  mm	LJ / No.  mm
S47 46.8	L40 39.5	PU33 33.0	PL33 33.6
S50 49.7	L40 39.5	PU33 33.0	PL33 33.6

The information contained in the combination table is only intended as a guide and can vary, depending on the patient's individual situation.



VITA VIONIC®

Denture Tooth Libraries

Time-saving denture setups with seven presets.

VITA VIONIC VIGO denture tooth library: Seven predefined setup concepts are available for designing full dentures using VITA VIONIC VIGO denture teeth. That means that monoblock try-ins and denture bases can be fabricated quickly and easily using conventional open milling and 3D printing systems. The VITA VIONIC VIGO denture tooth can then be inserted easily and accurately. Make the most of the VITA tooth design expertise and the largest selection of setup concepts.

VITA VIONIC VIGO denture tooth library: The extended version of the VITA Denture Tooth Library also includes an STL data export function for complete denture setups (try-in dentures) or for separate tooth elements and base designs. Depending on preference, dentures fabricated using the multifunctional tooth geometries can be milled from discs or fabricated using a 3D printer. In this way, VITA VIONIC DIGITAL VIGO provides new, flexible options for digital workflows.

Flexible

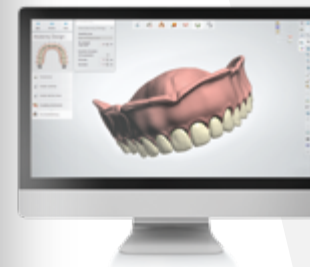
Supports the digital setup of partial and full dentures with seven concepts for all bite classes. Can be used with both the VITA VIONIC VIGO denture tooth and with milled or printed restorations.

Easy

Preset initial recommendations minimize the need for manual reworking.

Fast

Dentures can be quickly and easily fabricated using a variety of conventional open milling and 3D printing systems.



VITA VIONIC tooth libraries are the only ones worldwide that include four different occlusion concepts. In addition to the curved variants, there are two straight setup variants. Here I have the unique opportunity to digitally plan and produce well over 80% of my patient cases."

Urban Christen
Dental prosthetics practice, Switzerland

One database. Endless possibilities.



The VITA VIONIC DIGITAL VIGO denture tooth library is fantastic. It saves us about 15 minutes of design time, and that's a lot! With the design, we establish the foundation for a predictable and smooth workflow. Our recommendation: Everybody should use the VITA library to design digital dentures."

Frans Delfos
Cordent Group, The Netherlands

Your options for denture design

Multifunctional tooth data: seven denture concepts and four bite classes combined in a single library

Occlusal concepts	Occlusal position	Skeletal class	
 Buccal curved setup	 Lingual curved setup	 Crossbite	 Class I
 Buccal straight setup	 Lingual straight setup	 Normal bite	 Bite class II/1
 Crossbite	 Dutch lingualized occlusion		 Bite class II/2
 New concepts	 Prof. Dr. A. Gerber		 Bite class III



VITA VIONIC® TRY-IN RESIN

3D printing material for fabricating try-ins.

Cost-effective

Fast, material-saving and cost-effective fabrication of functional try-ins for partial and full dentures.

Easy to process

Easy to check for fit, function, occlusion and phonetics, as well as easy to polish. Enables easy individualization for esthetic try-ins.

Odorless and long shelf life

Odorless resin with a three-year shelf life, compared with the industry average of two years.



VITA VIONIC® BASE DISC HI

Premium quality PMMA disc for the fabrication of final denture bases.

Available shades

- classic pink
- soft pink
- classic pink translucent
- dark pink

Available geometries

Ø 98.5 mm / h 30 mm

CAD technology partner for VITA Digital Prosthetics

- exocad GmbH
- 3Shape A/S

VITA VIONIC BASE DISC HI is available for the systems:

- Arum Dental (5x series)
- imes-core GmbH (CORiTEC® one+, 150i series, 250i series, 350i series, 650i series)
- vhf camfacture AG (R5, S5, K5+, K5, E5)
- DGSHAPE/Roland DGA (DWX line)

Stable

High stability thanks to impact-resistant material.

Highly accurate

Excellent fit to the alveolar ridge.

Pink esthetic

New selection of gingival shades.





VITA VIONIC® BASE RESIN IMPACT

Impact-resistant 3D printing material for the fabrication of final denture bases.

Take 3D printing to the next level of quality with **VITA VIONIC BASE RESIN IMPACT**, an impact-resistant printing material for removable denture bases. The outstanding impact resistance of the product reduces the risk of breaking under stress.

In addition to the fracture work, the high flexural strength and optimized modulus of elasticity values ensure a balanced property profile, forming the basis for long-lasting dentures.

Available shades

pink and pink translucent

Available package size

1 kg bottles

Long lasting

Patients benefit from long-lasting dentures, thanks to the impact resistance of the material, which reduces the risk of breaking under stress. Low plaque adhesion contributes to wearing comfort.

Well balanced

The well-balanced mechanical property profile is characterized by outstanding fracture work, flexural strength and modulus of elasticity.

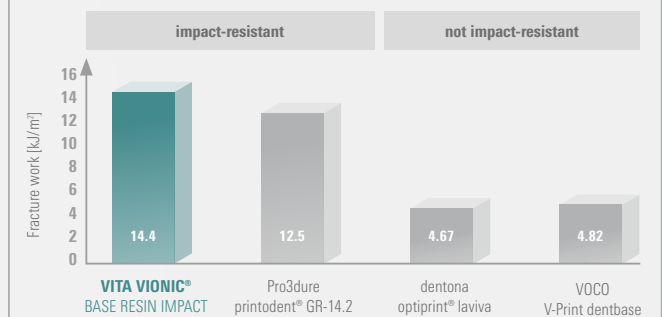
Excellent processing

Short printing times, minimal shrinkage and high fit are complemented by the material's excellent polishing characteristics.



Tested impact-resistant material

Charpy Test DIN EN ISO 179-1/1



Source: Test laboratory polymerphys IK GmbH,
Report no. LID_126612, LID_126614, LID_126615, LID_126618, 01/2025



Digital dentures

VITA VIONIC® BASE RESIN FLEX

3D printing material for the production of flexible denture bases

Today, digital prosthetics offer more than just full dentures: VITA VIONIC BASE RESIN FLEX enables the fabrication of flexible partial dentures for temporary use – with precision, efficiency and comfort. Add a new level of ease to your daily lab work. Produce cost-effective restorations quickly and reliably. The digital fabrication process ensures efficient workflows and allows for the reproducible manufacture of multiple partial dentures in a single printing run. This flexible material provides high levels of comfort and meets many patients' desire for metal-free restorations. The transparent shade variants allow the individual gum color to show through, contributing to a natural esthetic. An additional advantage is that the printed clasp-retained dentures can be repaired and expanded. Compared to traditional injection methods, they are also much easier to polish.

Benefit from perfectly matched materials with proven VITA quality. Count on reliable, single-source workflows and a wide range of validated printers and post-curing units.



[To the validation list](#)



Cost effective

Efficient, material-saving and cost-effective fabrication of flexible partial dentures for temporary use – with reproducible quality and noticeable time savings.

Convenient

Flexible, metal-free material with natural esthetics and high comfort. The transparent shade allows the individual gum color to show through, while also allowing the denture to be repaired and extended.

Simple

Reliable workflows thanks to a chemical bond between base and teeth, excellent millability and brilliant high-gloss polishing.



With VITA VIONIC BASE RESIN FLEX, I can design and fabricate partial dentures faster, more precisely and more economically. Patients will love the comfort and natural look – no metal brackets, no compromises. An innovation that benefits everyone."

Darius Northey
All Smiles Denture Clinic, Australia

VITA VIONIC VIGO®

The specialist for full digital dentures.

VITA VIONIC VIGO is the highly esthetic “digital” tooth for working with full dentures. Thanks to VITA quality, a digitally manufactured denture can meet the same high standards as an analog version. This requires a tooth that optimally supports the digital fabrication process, while meeting high esthetic expectations at the same time. This means that the prefabricated VITA VIONIC VIGO denture tooth can be used immediately, without any preconditioning, wax removal or steaming.

Perfected tooth design and reliable function



reduced tooth dimensions, radiated tooth neck



undercut-free basal design



conical-oval tooth neck shape with rotation protection



Easy-Centric: automatic interdigitation and controlled centric occlusion

Natural shape – fascinating play of colors

- Natural shape with multi-faceted texture and pronounced palatal ridges
- Impressive light dynamics, thanks to translucency, opalescent play of colors and natural fluorescence

Available shades and shapes

- 7 VITA classical A1–D4 including one Bleached shade: 0M1, A1, A2, A3, A3.5, B3, D3
- 8 anterior tooth moulds for the upper jaw, 4 for the lower jaw
- 4 posterior tooth moulds



Esthetic

The three-dimensional layered structure of the VITA VIONIC VIGO denture tooth combines translucency, fluorescence and opalescence to create a convincing esthetic appearance.

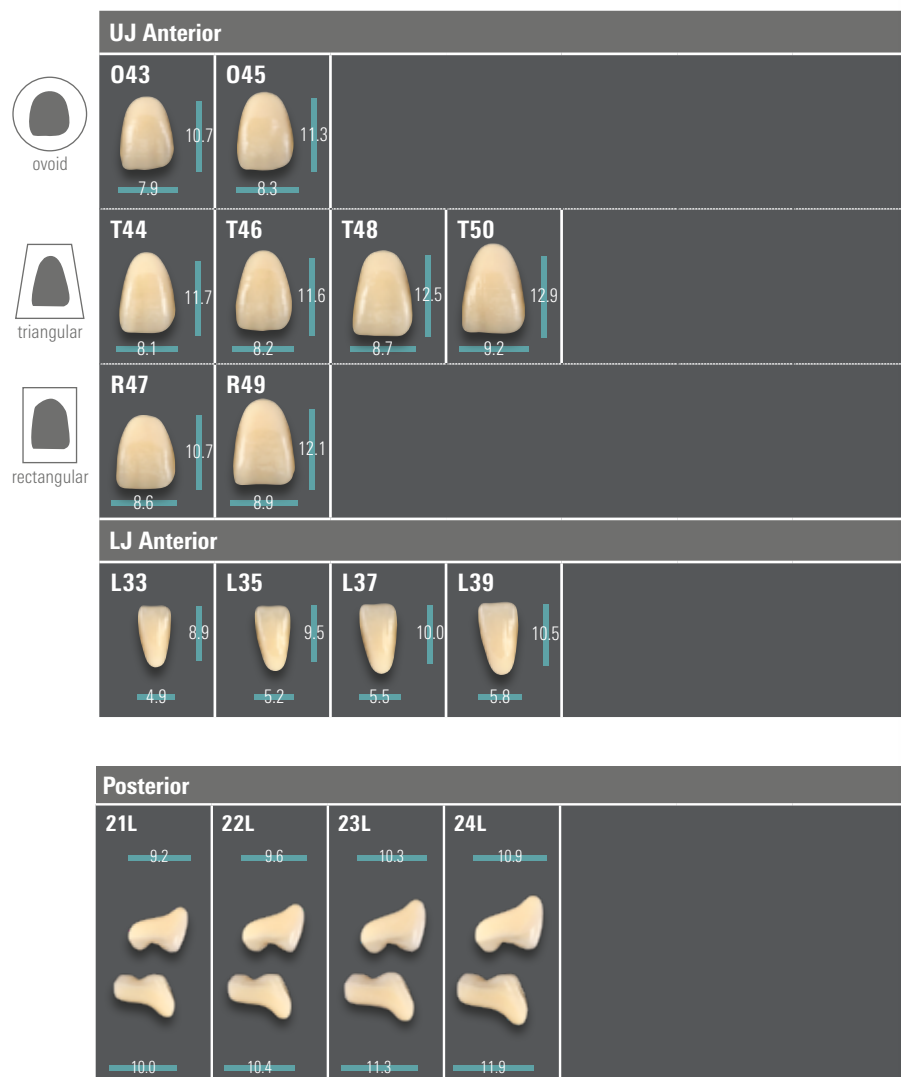
Material quality

The mechanical characteristics of the tooth material distinguish VITA VIONIC VIGO as a VITA premium tooth.

Process reliability

Thanks to a tooth design which has been optimized for the digital workflow, VITA VIONIC VIGO helps you save time and work more efficiently.

Mould overview



Note: The VITA VIONIC VIGO prefabricated tooth is a specially developed product with a design perfected for digital production processes. The teeth are shortened in the cervical area and the contact surfaces to the denture base are preconditioned for bonding. As a result, the ready-to-use teeth can be directly taken from the packaging and bonded into the cavities of the digitally fabricated denture base.

Recommended combinations

VITA VIONIC VIGO® Anterior	UJ / No. mm	R47 47.0	R49 49.0	O45 44.8	T50 49.9	T46 46.2	O43 43.3	T44 44.0	T48 48.3
	LJ / No. mm	L37 37.2	L39 39.2	L35 35.2	L39 39.2	L37 37.2	L33 33.2	L33 33.2	L37 37.2
VITA VIONIC VIGO® Posterior	UJ / No. mm	22L 31.8	23L 34.3	22L 31.8	24L 35.9	22L 31.8	21L 30.3	21L 30.3	22L 31.8
	LJ / No. mm	22L 32.6	23L 35.0	22L 32.6	24L 36.9	22L 32.6	21L 31.0	21L 31.0	22L 32.6

CAD technology partners for VITA VIONIC

- 3Shape A/S
- exocad GmbH

CAM technology partners for VITA VIONIC

Systems:

- imes-icore GmbH (CORiTEC series),
- DGShape/Roland (DWS)
- Amann Girrbach AG (Ceramill Motion series, Ceramill Matik)
- Vhf camfacture AG (K-/S-/Z-/R-series)
- Sirona Dental Systems (inLab MC X5)

Software:

- MillBox, SUM3D Dental, hyperDENT Dental

3D printing technology partner for VITA VIONIC

- Rapid Shape GmbH (Rapid Shape series), Formlabs Inc. (Form 2), Carbon3D Inc. (Carbon M2), NextDent B.V. (NextDent 5100)

Note: An up-to-date and complete overview of the technology partners, including information on the validation of these partners, can be found at: www.vita-zahnfabrik.com/vionicvigo





VITA VIONIC® DENT DISC multiColor

For removable partial and full dentures, as well as implant-supported prostheses*.

Available shades

- 18 x VITA classical A1–D4-/Bleach shades:
0 M1, 0 M3, A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4

Available geometry

Ø 98.4 mm / h 20 mm

CAD technology partner for VITA Digital Prosthetics

- exocad GmbH
- 3Shape A/S

Available for the systems:

- imes-icore GmbH
(CORiTEC® one+, 150i series, 250i series, 350i series, 650i series)
- vhf camufacture AG (R5, S5, K5+, K5, E5)
- Dentsply Sirona (inLab MC X5)
- DGSHAPE/Roland DGA (DWX line)
- Arum Dental (5x series)
- Axsys Dental Solutions (Versamill Milling Systems 500, 500L)
- Orangedental (EASY MILL 5)
- TECNO-GAZ (Vector)
- Up3D (P53, P55D)

Material quality

Abrasion resistant for durable denture teeth.

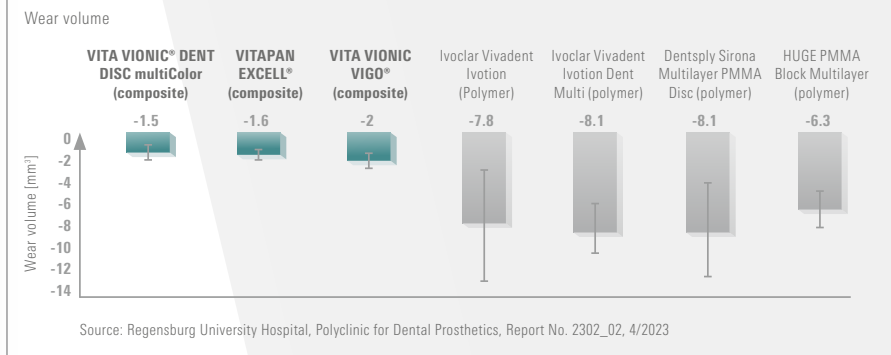
Esthetic

Integrated shade gradient for a more natural effect. Good polishing characteristics.

Flexibility

Simple, safe processing. Compatible with conventional milling systems.

Proven quality



*which requires a supporting substructure



VITA VIONIC® DENT RESIN

3D printing material for tooth elements in final partial and full dentures.

Economically printed dental arches and elements that have a high abrasion resistance and remarkable stability, and also meet modern, esthetic demands – **VITA VIONIC DENT RESIN** makes this possible.

VITA Perfect Match offers shade-stable results: You can choose from eight VITA classical shades and the Bleached shade 0M3. With VIONIC DENT RESIN, you can count on shade accuracy and low susceptibility to discoloration. Good polishing characteristics make the product complete.

Strong and reliable: Thanks to the finely coordinated material composition, the resins exhibit comparatively high abrasion resistance and remarkable stability. As a result, VITA VIONIC DENT RESIN can be used for both permanent prostheses, as well as temporary crowns and bridges.

Available shades

9 VITA classical A1-D4 including one Bleached shade: 0M3, A1, A2, A3, A3.5, B1, B3, C2, D3

Available package size

0.5 kg bottles

Esthetic

Available in nine natural looking, durable shades that perfectly match the VITA shade guide and reliably meet high standards, thanks to their excellent polishability.

Durable

The low wear values confirm the quality of the stable and abrasion-resistant restorations.

Versatile

Suitable for permanent denture teeth, as well as temporary crown and bridge restorations, making it highly versatile for use in removable partial and full dentures.

Abrasion resistance

The graph shows that VITA VIONIC DENT RESIN has a very low wear rate in comparison. This indicates excellent performance, in terms of durability in clinical use. Regarding stability, denture teeth made of VITA VIONIC DENT RESIN are comparable to prefabricated teeth and milled restorations.



Source: Regensburg University Hospital, Polyclinic for Dental Prosthetics, Report no. 2405_01, 01/2025



VITA VIONIC® BOND

Efficient adhesive bonding of denture teeth and tooth elements.

VITA VIONIC BOND is a self-curing, two-component bonding system based on MMA, which has a thin consistency for precise application to the bonding surfaces. For a secure bond, VITA VIONIC BOND forms a reactive boundary layer on the adhesive surfaces.

First-class solution for VITA VIONIC dentures.

The right dosage for your requirements:



1. VITA VIONIC BOND KIT

Sufficient for approx. two applications (bonding of 2 x 14 denture teeth)

- VITA VIONIC BOND I, jar, 2 ml
- VITA VIONIC BOND II, bottle, 1 ml
- Microbrush, 3 pcs.



2. VITA VIONIC BOND multiDose COMPLETE KIT

Sufficient for approx. 25 applications (bonding of 25 x 14 denture teeth)

- VITA VIONIC BOND I multiDose (20 ml)
- VITA VIONIC BOND II multiDose (10 ml)
- 50 pc. disposable brush tips
- VITA VIONIC BOND multiDose measuring cup, 3 ml; reusable



Alternative bonding of VITA VIONIC DENT DISC multiColor and VITA VIONIC BASE RESIN IMPACT

- Used for bonding and filling gaps between the printed denture base with VITA VIONIC DENT DISC multicolor
- Condition: Preconditioning of the milled tooth arch and the cured, printed base using VITA VM LC Primer II
- Apply liquid denture base resin to the cavities using a small brush
- Followed by full curing in a validated post-curing device

Reliable bonding

The self-curing, two-component system provides for a secure bond.

Precise bonding

A small film thickness in the cavity allows for precise, seamless bonding.

Quick and easy

A fast, clean workflow for a reliable bond.

Suitable solutions for processes.

1. CAD process

VITA VIONIC VIGO and VITA VIONIC DIGITAL VIGO databases



2. Finishing the try-in

VITA VIONIC TRY-IN RESIN



3. Finishing the denture base

VITA VIONIC BASE RESIN IMPACT
VITA VIONIC BASE RESIN FLEX



4. Preparing denture teeth

VITA VIONIC VIGO



OR

4. Fabricating tooth elements

VITA VIONIC DENT DISC multiColor
VITA VIONIC DENT RESIN



5. Bonding

Milled dentures: VITA VIONIC BOND
Printed dentures: VITA VIONIC BASE RESIN IMPACT



6. Individualizing

VITA AKZENT LC, VITA VM LC flow



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VITA Zahnfabrik has been certified, and the following products bear the CE mark

CE0124

VITAPAN EXCELL®, VITAPAN® LINGOFORM,
VITA PHYSIODENS®, VITAPAN®, VITAPAN® CUSPIFORM,
VITAPAN SYNOFORM®, VITA MFT®, VITA VIONIC VIGO®,
VITA VIONIC® DENT DISC multiColor, VITA VIONIC® BOND,
VITA AKZENT® LC, VITAVM® LC flow

detax GmbH has been certified in accordance with the Medical Device Directive, and the following products bear the CE mark

CE0483

VITA VIONIC® BASE RESIN IMPACT, VITA VIONIC® DENT RESIN,
VITA VIONIC® TRY-IN RESIN, VITA VIONIC® BASE RESIN FLEX

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Test laboratory polymerphys IK GmbH, Report no.
LID_126612, LID_126614, LID_126615,
LID_126618, 01/2025



More
workflow
solutions
found here



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