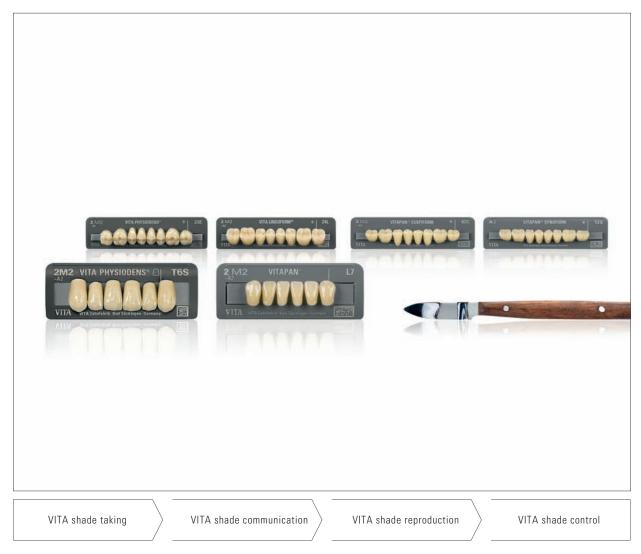
VITA PHYSIODENS® - VITA LINGOFORM® - VITAPAN®

Mould Chart Acrylic Teeth · MRP (Microfiller Reinforced Polyacrylic)



Date of issue 09.13

VITA shade, VITA made.



Available in VITA SYSTEM 3D-MASTER and VITA classical A1–D4 shades (except B1).

Anterior Teeth

Posterior Teeth

VITA PHYSIODENS® Anterior teeth (MRP)

Page 4

VITAPAN® Anterior teeth (MRP)

Page 8

VITA PHYSIODENS® (MRP)

Fully anatomical

Page 14



VITA LINGOFORM® (MRP) Fully anatomical, preabraded

Page 16



VITAPAN® CUSPIFORM (MRP)

Semianatomical

Page 17



VITAPAN® SYNOFORM (MRP) Gerontoanatomical

Page 18

	VITA classical	VITA SYSTEM 3D-MASTER®	BLEACHED COLORS (selected moulds marked with*)	
	A1-D4 (except B1)	1 M1-5 M3	0 M1	0 M3
Anterior teeth				
VITA PHYSIODENS	Х	X	X	Х
VITAPAN	Х	Х	Х	Х
Posterior teeth				
VITA PHYSIODENS	Х	Х	_	Х
VITA LINGOFORM	Х	Х	_	Х
VITAPAN CUSPIFORM	Х	Х	_	Х
VITAPAN SYNOFORM	Х	_	_	_





VITA PHYSIODENS®

Properties

- Corporeal moulds
- Pronounced labial curvature
- Pronounced palatal ridges
- Characteristic surface morphology
- Individual and nature identical manually layered
- Unique natural shading with impressive play of light

Effects

- Outstanding aesthetics
- Unrivalled in function except by nature

Benefits

• Ideally suited for top of the range premium prosthetics



VITAPAN®

Properties

- Attractive moulds
- Moderate labial curvature
- Moderate palatal ridges
- Balanced, harmonious surface structure
- A 3-layer tooth with manual buildup.
- Harmonious shading with nature-identical light reflection behaviour

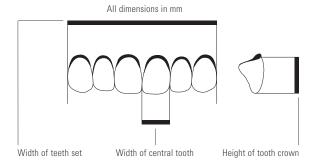
Effects

- Attractive aesthetics
- Excellent function

Benefits

• Ideally suited for individual, high-standard prosthetics

The systematic classification according to mould groups facilitates the selection and classification of the tooth moulds according to the facial features of each patient. This also serves the purpose of accurate and reliable communication between dentist and dental technician.



VITA PHYSIODENS® Upper Anteriors



^{**}Available exclusively in VITA SYSTEM 3D-MASTER shades.

VITA PHYSIODENS* Upper Anteriors

Rectangular

T 7 M



Z 1S



T8L*



Z 2S



T9L





Square

X1M*



X2L



X3L



L1S*



L2M*



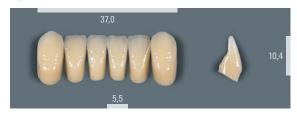
L3M*



L4M*



L5M*



L6L



L7L



L8L

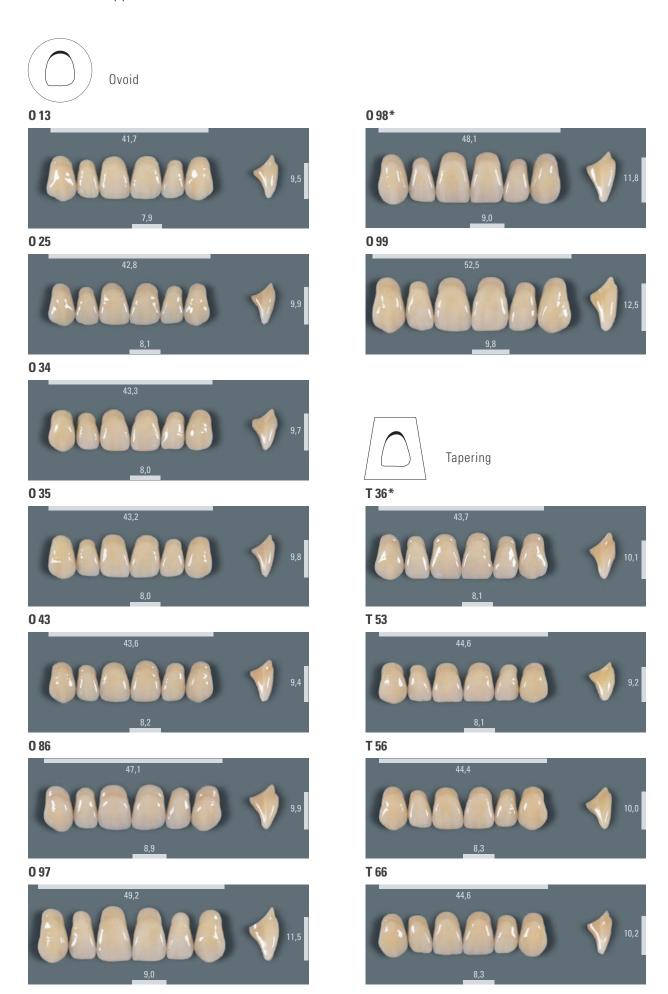


No.	<u> </u>	No.	No.
	mm	L1S	mm 21 E 21 L
018	42,3	33,0	30,5 30,1 32,7 30,7
02L	45,7	L2M 34,5	22E 22L 32,9 31,6 33,7 32,1
03M	47,2	L3M 36,3	23E 23L 33,5 34,2 34,6 34,8
04L	49,2	L6L 38,2	24E 24L 34,8 35,8 36,1 36,4
05L	50,1	L6L 38,2	24E 24L 34,8 35,8 36,1 36,4
06L	51,3	L8L 43,5	25 E 24 L 36,7 35,8 37,3 36,4
T6S	41,0	L1S 33,0	21 E 21 L 30,5 30,1 32,7 30,7
T2S	44,9	L2M 34,5	21 E 21 L 30,5 30,1 32,7 30,7
T1S	45,3	L1S 33,0	20 E 21 L 29,4 30,1 31,0 30,7
ТЗМ	45,6	L3M 36,3	22E 22L 32,9 31,6 33,7 32,1
T4M	45,6	L4M 35,5	22E 22L 32,9 31,6 33,7 32,1
T5M	46,2	L3M 36,3	23E 23L 33,5 34,2 34,6 34,8
T6L	47,3	L5M 37,0	23E 23L 33,5 34,2 34,6 34,8
T7M	47,5	L7L 38,2	23E 23L 33,5 34,2 34,6 34,8
T8L	49,0	L5M 37,0	24E 24L 34,8 35,8 36,1 36,4
T9L	49,6	L6L 38,2	25 E 24 L 36,7 35,8 37,3 36,4
X1M	46,3	L3M 36,3	23E 23L 33,5 34,2 34,6 34,8
X2L	46,2	L4M 35,5	23E 23L 33,5 34,2 34,6 34,8
X3L	47,8	L5M 37,0	24E 24L 34,8 35,8 36,1 36,4
Z1S	44,1	L1S 33,0	21E 21L 30,5 30,1 32,7 30,7
Z2S	47,5	L5M 37,0	22E 22L 32,9 31,6 33,7 32,1



- Removable partial dentures
- Implant-borne constructions
- Telescopic and conus constructions
- Attachments
- Interim prostheses

VITAPAN® Upper Anteriors





VITAPAN® Upper Anteriors



Square

Z 51



Z 61



Z 74



Z 84



Z 85



Z 97





Fully anatomical incisal edges





L5*



L5L



L7*



L9



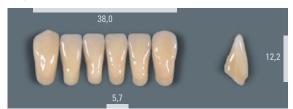
L11*



L13



L15



Abraded incisal edges

L4*



L8



L10



L12



L14



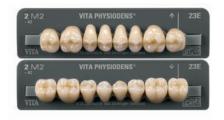
		No.	mm
No.	040000	(851156)	4420
	→		No. POS
	mm	mm	mm 40 C 10 S 20 E 21 L
0 13	41,7	L 4 32,7	28,1 29,0 29,4 30,1 29,5 30,5 31,0 30,7
0 25	42,8	L3 33,4	40C 10S 20E 21L 28,1 29,0 29,4 30,1 29,5 30,5 31,0 30,7
0 34	43,3	L3 33,4	41C 11S 21E 21L 29,9 30,0 30,5 30,1 31,3 31,9 32,7 30,7
0 35	43,2	L3 33,4	41C 11S 21E 21L 29,9 30,0 30,5 30,1 31,3 31,9 32,7 30,7
0 43	43,6	L5 35,3	41C 11S 22E 22L 29,9 30,0 32,9 31,6 31,3 31,9 33,7 32,1
0 86	47,1	L 11 36,9	42C 12S 23E 23L 31,7 31,1 33,5 34,2 33,4 32,7 34,6 34,8
0 97	49,2	L8 38,9	44 C 14 S 24 E 24 L 32,8 33,1 34,8 35,8 34,6 35,4 36,1 36,4
0 98	48,1	L13 37,0	42C 12S 24E 24L 31,7 31,1 34,8 35,8 33,4 32,7 36,1 36,4
0 99	52,5	L 14 41,7	45 C 14 S 25 E 24 L 34,8 33,1 36,7 35,8 36,3 35,4 37,3 36,4
T 36	43,7	L4 32,7	40C 10S 20E 21L 28,1 29,0 29,4 30,1 29,5 30,5 31,0 30,7
T 53	44,6	L5 35,3	41C 11S 21E 21L 29,9 30,0 30,5 30,1 31,3 31,9 32,7 30,7
T 56	44,4	L5 35,3	41C 11S 22E 22L 29,9 30,0 32,9 31,6 31,3 31,9 33,7 32,1
T 66	44,6	L5 35,3	42C 12S 22E 22L 31,7 31,1 32,9 31,6 33,4 32,7 33,7 32,1
T 67	45,1	L 4 32,7	42C 12S 22E 22L 31,7 31,1 32,9 31,6 33,4 32,7 33,7 32,1
T 76	45,9	L7 36,2	42C 12S 23E 23L 31,7 31,1 33,5 34,2 33,4 32,7 34,6 34,8
T 77	46,2	L 11 36,9	42C 12S 24E 24L 31,7 31,1 34,8 35,8 33,4 32,7 36,1 36,4

No.	948846	No.	mm No. peas
	mm	mm	mm
T 88	47,1	L 11 36,9	44C 14S 24E 24L 32,8 33,1 34,8 35,8 34,6 35,4 36,1 36,4
T 98	50,5	L 15 38,0	45C 14S 24E 24L 34,8 33,1 34,8 35,8 36,3 35,4 36,1 36,4
T 99	48,0	L 11 36,9	44C 14S 25E 24L 32,8 33,1 36,7 35,8 34,6 35,4 37,3 36,4
X 13	41,5	L4 32,7	41C 11S 20E 21L 29,9 30,0 29,4 30,1 31,3 31,9 31,0 30,7
X 66	45,9	L9 36,1	42C 12S 22E 22L 31,7 31,1 32,9 31,6 33,4 32,7 33,7 32,1
X 77	47,0	L 11 36,9	42C 12S 23E 23L 31,7 31,1 33,5 34,2 33,4 32,7 34,6 34,8
X 87	46,9	L 11 36,9	44C 14S 24E 24L 32,8 33,1 34,8 35,8 34,6 35,4 36,1 36,4
X 96	50,0	L 10 39,0	44C 14S 25E 24L 32,8 33,1 36,7 35,8 34,6 35,4 37,3 36,4
X 99	50,6	L 15 38,0	45C 14S 25E 24L 34,8 33,1 36,7 35,8 36,3 35,4 37,3 36,4
Z 51	44,6	L3 33,4	43 C 13 S 22 E 22 L 31,0 31,3 32,9 31,6 32,3 33,9 33,7 32,1
Z 61	45,5	L3 33,4	43 C 12 S 22 E 22 L 31,0 31,1 32,9 31,6 32,3 32,7 33,7 32,1
Z 74	46,7	L9 36,1	42C 12S 23E 23L 31,7 31,1 33,5 34,2 33,4 32,7 34,6 34,8
Z 84	46,7	L9 36,1	42C 12 S 23 E 23 L 31,7 31,1 33,5 34,2 33,4 32,7 34,6 34,8
Z 85	47,5	L13 37,0	44 C 14 S 24 E 24 L 32,8 33,1 34,8 35,8 34,6 35,4 36,1 36,4
Z 97	52,2	L 12 41,0	45C 14S 25E 24L 34,8 33,1 36,7 35,8 36,3 35,4 37,3 36,4



VITA teeth are suitable for:

- Complete denture prostheses
- Removable partial dentures
- Implant-borne constructions
- Telescopic and conus constructions
- Attachments
- Interim prostheses



VITA PHYSIODENS®

Fully anatomically occlusal surfaces

which correspond to those of natural teeth.

Specially developed for BIO-Logical Prosthetics according to Dr. End following the principles of neuromuscular mandibular guidance.



Tip: DVD BIO-Logical Prosthetics, s. www.vita-zahnfabrik.de



VITA LINGOFORM®

Anatomically preabraded occlusal surfaces

which are distinguished by age-related design.

Can be used for all setups – including lingualised setup – according to the principles of

- Mechanical tooth/joint guidance
- Neuromuscular mandibular guidance





VITAPAN® CUSPIFORM

Semi-anatomical, narrow occlusal surface design

For solutions in cases where space is lacking.

Suitable for all setup concepts according to the principles of mechanical tooth/joint guidance.





VITAPAN® SYNOFORM

Flattish occlusal surface design for gerontoprosthetics

For use in the case of severely abraded occlusal surfaces.



All dimensions in mm

Half-width of upper teeth set

Width of upper tooth crown

Half-width of lower teeth set

Width of lower tooth crown

20 E



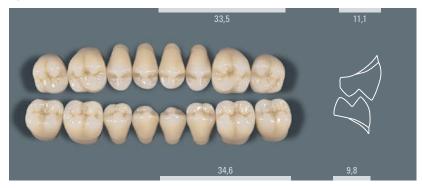
21 E*



22 E*



23 E*



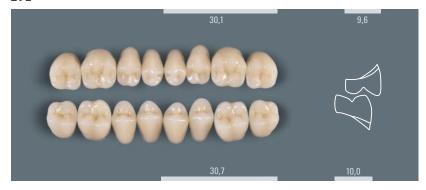
24 E*



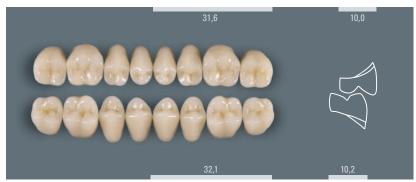
25 E



21 L*



22 L*



23 L*



24 L*



VITAPAN CUSPIFORM

40 C



41 C*



42 C*



43 C



44 C*



45 C



VITAPAN SYNOFORM (is not available in the VITA SYSTEM 3D-MASTER shades)

10 S



11 S



12 S

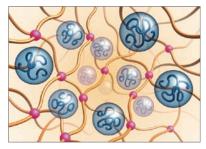


13 S



14 S

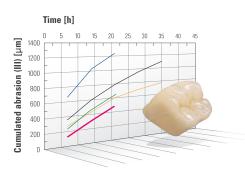




PMMA pearls, swollen by monomer

Cross-linked monomer

 Inorganic microparticle filler, incorporated into polymer network



INtegral
PolystarLUX
Postaris
Premium8
VITA PHYSIODENS

Abrasion resistance of artificial teeth A comparative in-vitro study Quintessenz Zahntech 29, 4, 510–521 (2003)

VITAPAN® VITA PHYSIODENS® VITA LINGOFORM®

In the **MRP** (**M**icrofiller **R**einforced **P**olyacrylic) material developed by VITA, inorganic microfiller materials with an optimally matched particle size distribution are integrated into the polymer network. This guarantees uniform, high-quality material properties throughout the entire tooth. In addition to this, the unique VITA repressing procedure results in a homogeneous material structure throughout which is distinguished by the secure bonding of neck, dentine and enamel of the same material. The benefits of the MRP material include high mechanical strength and excellent shade stability — also after grinding.

Properties

- Outstanding abrasion strength
- Tissue friendly
- Resistant to plaque
- Colour stable
- Chipping-free grinding
- Outstanding impact strength
- · Reduced absorption of water
- Exceptional polishing properties also after grinding in situ
- Good bonding with the denture base material

Effects

- · Long life of the prosthesis
- High degree of biocompatibility
- Excellent wearing comfort
- Given the appropriate conditions, particularly suitable for implant restorations
- Very quick acceptance of the dental restoration by patients

Benefits

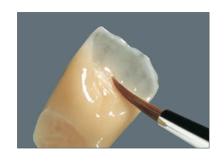
- Reliable/safe manufacturing process of prostheses
- Patient satisfaction in all aspects
- Image building and maintenance for dental laboratory and practice

The VITA MRP material – over 25 years in clinical use – successful use a million times over:

- Exceptional aesthetics
- Safe and accurate processing
- Reliable wear characteristics

VITA PHYSIODENS® · VITAPAN®

More aesthetics in complete and partial dentures



Why individualise denture teeth?

Today's denture wearer is looking for an aesthetic, high-quality prosthesis. Often, on account of previous ceramic restorations, the patient is accustomed to a high standard in dental prosthetics. Furthermore, the demand for individual restorations in the field of removable complete and partial dentures is increasing due to the growing number of older patients.



With the VITAVM LC microparticle composite, VITA teeth can be individualised and characterised in a very short time, and in such a way that the lifelike surface structure and the basic shape of the tooth remain intact. The VITAVM LC CREATIVE KIT and the VITAVM LC PAINT KIT are available for this purpose.



The type and scope of characterisation depends on the features of the patient's natural teeth and the patient's own wishes.

In complete denture prosthetics it is very helpful to have some information on the habits and age of the patient in order to achieve specific effects in the individualisation of the acrylic teeth. Photos of the patient's natural teeth can serve as a model for creating a lifelike appearance.

In the case of partial restorations, the denture teeth are individualised according to the patient's remaining natural dentition (photos, shade-taking). Further information on the processing of VITAVM LC is available in the working instructions VITAVM LC (no. 1200).



VITACOLL® bonding agent between acrylic teeth and denture base material* VITACOLL ensures the reliable chemical bonding of acrylic denture teeth with heat and cold curing polymers and polymethacrylate injection moulded materials, and so VITA prevents the teeth from breaking off the denture base. It is sufficient to roughen the basal surface of the teeth beforehand. Retention holes are not to be recommended, since these weaken the structure of the denture teeth. Please follow the working instructions of the base material manufacturer. VITACOLL is certified and bears the CE mark **C** € ₀₁₂₄ . Supply schedule: 100 ml bottle. VITAFOL® H with retention crystals* Offers safety and saves time when processing denture teeth. When using VITAFOL H, the teeth are protected during deflasking, the interdental spaces stay clean and the gingival modelling remains intact. VITAVM_®LC The light-curing microparticle composite VITAVMLC was developed for extraoral use in the case of fixed and removable restorations. Appropriate substructure materials are alloys and acrylic materials which are recommended by the manufacturers for the veneering of composite. The mechanical properties of VITAVMLC are ideally suited for the indications. VITA Linearguide 3D-MASTER / VITA Toothguide 3D-MASTER® With the VITA SYSTEM 3D-MASTER you can determine the correct tooth shade quickly and precisely. The new VITA Linearguide 3D-MASTER is an alternative to the proven VITA Toothguide 3D-MASTER and differs in its linear arrangement of the tooth shade samples. VITA Easyshade® Advance 4.0 VITA Easyshade Advance 4.0 is a further refinement of VITA Easyshade Advance. This digital shade measurement device allows any user to determine the shade of natural teeth or to verify restorations in a matter of seconds, regardless of available lighting. The tooth shade measured is indicated in VITA classical A1-D4, VITA SYSTEM 3D-MASTER and in VITABLOC shades. Automatic activation, Bluetooth®, bleaching mode and a whole range of other innovations guarantee maximum precision for even greater reliability and comfort. VITA classical shade guide A1-D4 The original – for determining tooth shades in the VITA classical A1–D4 shades.

^{*} For processing instructions please refer to the package insert. For further information please see under www.vita-zahnfabrik.com

VITAFOL® H

Silicone separating material for the protection of acrylic and ceramic teeth during the production of restorations*

- VITAFOL H is used for the protection of acrylic and ceramic teeth. Extremely accurate modellations of the gingival margin remain intact, and the areas to which VITAFOL H has been applied stay clean and do not need to be finished.
- The areas that are covered with VITAFOL H do not require to be separated towards the plaster material. Accordingly, no separating agent can reach the basal surfaces of the teeth. In the case of acrylic teeth, a separating layer between teeth and denture base material can be avoided.
- 3. Damage during pressing and devesting is avoided through the buffer effect of VITAFOL H.



VITAFOL H paste, hardening liquid and adhesive crystals



VITACOLL Bonding agent

VITACOLL®

Bonding agent for acrylic denture teeth *

Due to the use of a wide variety of denture base materials, it is often difficult for the dental technician to recognise whether these materials form a perfect bond to the available acrylic denture teeth. It is essential that the requirements of ISO 3336:1993 (E) be fulfilled. By using VITACOLL, the required reliability is guaranteed. The correct preparation and processing of the teeth, however, are of utmost significance when producing the dental prosthesis.

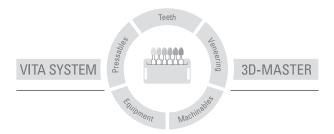
- 1. The areas of the teeth which come into contact with the denture base material should be roughened at the basal surface and retentions should be attached. Optimum stability results can be obtained by means of groove retentions (grinding tool, groove burr, shape 108). Retention holes are not to be recommended, since the air present in the retention holes cannot escape during pressing, the cavities would only be partially filled with base material. This would result in considerable weakening of the body of the tooth, so that the tooth could fracture in these areas even with minimal stress.
- 2. The teeth must be free of wax residue and separating agent. The use of VITACOLL is recommended for heat-curing resins; for self-curing resins it is obligatory. With today's generation of self-curing resins, partial solution of the tooth material with VITACOLL is absolutely required since there are base materials which might not form a bond with modern acrylic teeth without VITACOLL.

Processing

Using a brush, VITACOLL is applied to the roughened basal surfaces of acrylic teeth to which retentions have been attached. The liquid must be left to take effect for at least 5 minutes. If the wetted surface does not display a wet glaze after this time has elapsed, VITACOLL must be applied again. After the exposure time, the base material must be applied within 10 minutes, since the effect of the adhesive agent will be lost after this time.

^{*} See "Instructions for use" leaflet

With the unique VITA SYSTEM 3D-MASTER all natural tooth shades are systematically determined and completely reproduced.



Please note: Our products must be used in accordance with the instructions for use. We accept no liability for any damage resulting from incorrect handling or usage. The user is furthermore obliged to check the product before use with regard to its suitability for the intended area of application. We cannot accept any liability if the product is used in conjunction with materials and equipment from other manufacturers that are not compatible or not authorized for use with our product. Furthermore, our liability for the accuracy of this information is independent of the legal basis and, in as far as legally permissible, shall always be limited to the value as invoiced of the goods supplied, excluding value-added tax. In particular, as far as legally permissible, we do not assume any liability for loss of earnings, indirect damages, ensuing damages or for third-party claims against the purchaser. Claims for damages based on fault liability (culpa in contrahendo, breach of contract, unlawful acts, etc.) can only be made in the case of intent or gross negligence. The VITA Modulbox is not necessarily a component of the product. Date of issue of this information: 09.13

After the publication of these working instructions any previous versions become obsolete. The current version can be found at www.vita-zahnfabrik.com

VITA Zahnfabrik has been certified in accordance to the Medical Device Directive and the following products bear the CE mark $\c C = \c C = \$

VITA PHYSIODENS* · VITA LINGOFORM* · VITAPAN* · VITACOLL* · VITAFOL* H
The VITA PHYSIODENS Assortment fulfills the requirements of the standard ISO
22112:2005. VITA PHYSIODENS Anteriores were developed in collaboration withdental technician Solvey Bossen. (Ravensburg/Germany), and also modelled by the latter.



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