Your formula for quality dentures

CediTEC  Denture Base

or

V-Print  dentbase

+

CediTEC  Adhesive

+

CediTEC  Denture Teeth

=

CediTEC® / V-Print® dentbase

COMPLETE CAD / CAM SYSTEM FOR INDIVIDUAL DENTURES

Integrated with exocad

VOCO THE DENTALISTS

CediTEC® / V-Print® dentbase

CAD / CAM SOLUTION FOR PERMANENT DENTURES

Aesthetic, precise, individual – these are the requirements that digitally fabricated full dentures are expected to fulfil. The digital planning and creation of dentures offers you many advantages. In addition to the time savings attained through a digital workflow, and the reproducibility of dentures when needed, the durability and aesthetics are especially interesting. You can create dentures completely in a CAD / CAM process using products of our portfolio that have been especially developed for the fabrication of dentures.

V-Print dentbase
The gingiva-coloured 3D printing material forms the base of the dentures. The printed objects have a high green strength so they can be removed safely from the printer's building platform. The subsequent post-processing of the material is easy and fast, and can be performed using commercially available instruments and tools. Denture bases made of V-Print dentbase are precise and offer a perfect fit. This is important for a high level of wearing comfort. When making adjustments over time, V-Print dentbase is compatible with commercial relining materials.
In addition, with V-Print Try-In, VOCO offers a 3D printing material for the functional try-in of full and partial dentures. This makes it possible to assess the fit, occlusion, function, phonation and aesthetics before production of a permanent denture, for example, and allows corrections to be made using wax or veneering material if and as required.

or

CediTEC DB is an already cured PMMA in 98 mm disc shape and 30 mm in height. The material scores with high impact resistance and strength, so that the patient benefits from long-term, comfortable wear. Other clinical factors, such as plaque deposits or a tendency to discolour, are also reduced to a minimum with CediTEC DB, meaning that high-quality prostheses made using the CediTEC system lead to a high level of patient satisfaction and make the fabrication process much easier for dental technicians. The finished milled base can then be easily polished, resulting in a natural shine. Further individualisation is also possible. For this purpose, the surface is briefly roughened and then coated with an adhesive before further adjustments can be made with suitable materials.

CediTEC DT (Denture Teeth)
From prosthetic teeth to tooth sections right up to complete dental arches for removable dentures: CediTEC DT allows fast and very precise production of customised denture teeth using the CAD/CAM milling technique.
Thanks to the very good physical properties of this composite, qualitatively high-grade and thus long-lasting denture teeth can be fabricated and customised for each patient in the desired shape. The four shades A1, A2, A3 and BL, the additional option of customising the shade, and the translucent choice of colour tone and natural fluorescence, ensure appealing aesthetics.
The innovative material can be polished without problems – delivering a natural shine. An MMA primer is not required to customise denture teeth made with CediTEC DT. Simply roughen the surface slightly, apply the adhesive and composite, polish – done.

CediTEC
The denture teeth luting system comprises CediTEC Adhesive and CediTEC Primer. CediTEC Adhesive is mixed proberly and bubble-free in the practical cartridge.
Using the comfortable mixing tip, CediTEC Adhesive is applied directly from the cartridge onto the prepared tooth positions. This means only as much material is mixed as is actually required.
The CediTEC Primer creates the bond between the prosthetic base/tooth and the adhesive. It is poured onto a mixing tray from the dropper bottle and applied to the base and tooth with a brush. After that, CediTEC Adhesive can be applied and the teeth inserted. CediTEC can also be used with other systems and conventional PMMA.
Please see also our processing instructions for CediTEC / V-Print at www.voco.dental.

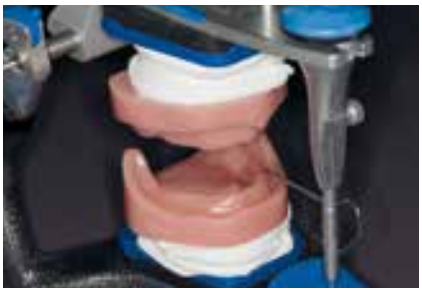
V-Print® dentbase

LIGHT-CURING RESIN FOR THE GENERATIVE PRODUCTION OF DENTURE BASES FOR REMOVABLE PROSTHESES

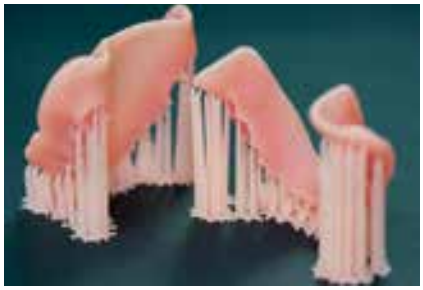
First step

1a

3D printing of denture base made of V-Print dentbase










Technical data

Water absorption	24 µg/mm³	ISO 20795-1
Water solubility	< 0.1 µg/mm³	ISO 20795-1
Flexural strength	89 MPa	ISO 20795-1
Modulus of elasticity	2449 MPa	ISO 20795-1

This fits ideally with:

V-Print Try-In
Light-curing resin for the generative production of try-ins for prosthetics

REF 6049 Bottle 1000 g beige

CediTEC® DB

HIGH-IMPACT PMMA FOR THE FABRICATION OF DENTURE BASES FOR REMOVABLE DENTURES

First step

1b

Milling of denture base made of CediTEC DB

Technical data

Charpy impact strength +23 °C	45 kJ/m²	analogous ISO 179/1eU
Water absorption	24 µg/mm³	analogous ISO 20795-1
Water solubility	< 0.3 µg/mm³	analogous ISO 20795-1
3-point flexural strength	96 MPa	analogous ISO 10477

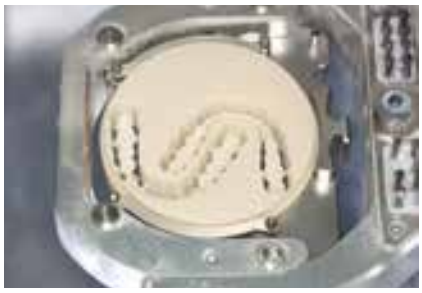
CediTEC® DT

CAD / CAM COMPOSITE FOR DENTURE TEETH

Second step

2

Milling of denture teeth made of CediTEC DT









Technical data

3-point flexural strength	136 MPa	analogous ISO 10477
Compressive strength	477 MPa	analogous ISO 9917
Modulus of elasticity	4.4 GPa	analogous ISO 10477
Abrasion (200.000 cycles)	85 µm	ACTA-3-media
Filler content	27 % by weight	DIN 51081

CediTEC®

LUTING MATERIAL FOR DENTURE TEETH IN DENTURE BASES

Third step

3

Luting of the prosthetic teeth to the denture base














V-Print® dentbase

Light-curing resin for the generative production of denture bases for removable dentures

Indications

Removable denture bases

Advantages

- Natural gingiva shade for ambitious aesthetics
- Precise and custom-fit for high wearing comfort
- Saves time during polishing – thanks to printed surface
- Universal – compatible with commercially available resin materials and composites
- High green strength for save removal from the building platform
- Biocompatible

REF 6048	Bottle 1000 g pink

CediTEC® *Denture Base*

High-impact PMMA for the fabrication of denture bases for removable dentures

Indications

Fabrication of denture bases for removable dentures

Advantages

- PMMA with high impact resistance and strength for a long time wearing period
- High-quality denture bases, reproducible at any time
- Three shades for an aesthetic result
- Very good polishability – individualisations possible at any time

REF 6195	Disc pink 30 mm, ø 98 mm
REF 6196	Disc dark-pink 30 mm, ø 98 mm
REF 6197	Disc orange-pink 30 mm, ø 98 mm

CediTEC® DT *Denture Teeth*

CAD / CAM composite for denture teeth

Indications

Prosthetic teeth and tooth sections up to complete dental arches for removable dentures

Advantages

- Cured composite for high quality and durable denture teeth
- Translucent shade and high fluorescence for natural aesthetics
- Production of individual, accurately fitting denture teeth, reproducible at any time
- Effortless polishing for a natural gloss
- Easy to individualize without using an MMA primer

4 shades

CAD / CAM

REF 6085	Disc A1 20 mm, ø 98 mm
REF 6086	Disc A2 20 mm, ø 98 mm
REF 6087	Disc A3 20 mm, ø 98 mm
REF 6088	Disc BL 20 mm, ø 98 mm

CediTEC® *Adhesive*

Luting system for denture teeth in denture bases

Indications

Luting of prefabricated prosthetic teeth and CAD / CAM-produced individual teeth and tooth sections in CAD / CAM-produced denture bases

Luting of prosthetic teeth in the scope of a repair or extension

Advantages

- Error- and bubble-free mixing
- Only the material quantity actually required is mixed
- Easy and direct application
- Subsequent additions possible
- Also usable for other systems and conventional PMMA

auto mix

REF 6082	Set cartridge 80 g CediTEC Adhesive, bottle 4 ml CediTEC Primer, accessories
REF 2202	Mixing tips type 20, 50 pcs.
REF 2245	Easy Brush, application brushes, 50 pcs.

VOCO GmbH
Anton-Flettner-Straße 1-3
27472 Cuxhaven
Germany

Freecall: 00 800 44 444 555
Fax: +49 (0) 4721-719-140

info@voco.com
www.voco.dental

Available from: