

SIC invent



SIC P2F Abutment Dr. Galip Gurel
From the gingiva shaper to a provisional crown
to the final aesthetic restoration

P2F – PROVISIONAL 2 FINAL



1 SIC CEREC Bonding Base



2 The abutment is clicked onto the bonding base



3 SIC P2F Abutment Dr. Galip Gurel

From the gingiva shaper to a provisional crown to the final aesthetic restoration

- Maximum soft tissue support
- Cement-free clicking onto a SIC CEREC bonding base
- Customization chairside
- For highest aesthetic demands
- Three basic shapes with two gingival heights each
- PEEK-OPTIMA[®] – High-tech material with unlimited remaining in situ

The development of P2F abutments designed by Dr. Galip Gurel is based on the requirement of a high-quality option for early prosthetic treatment on dental implants. This should enable preservation and maximum soft-tissue support and satisfy the highest aesthetic demands. P2F stands for "Provisional to Final"



The P2F abutment consists of a new high-tech material – PEEK OPTIMA®. This polymer, which is suitable for permanent implantation in the human body, has very good mechanical properties. It is extremely soft-tissue friendly and provides maximum biocompatibility. This allows the clinician and patient to determine, at their discretion, at which moment in time the provisional restoration should be converted to a final restoration.

The abutment is available in three basic shapes with two gingival heights each. This ensures case-optimised and efficient fabrication of the provisional restoration.



The indication range of this abutment includes the fabrication of temporary single restorations or bridges.

The SIC P2F Abutment Dr. Galip Gurel enables fabrication of an immediate restoration which satisfies the highest aesthetic demands and provides maximum soft tissue support. Due to subtractive milling or grinding, the clinician is in the position to fabricate an optimum temporary restoration, flexibly and efficiently (in principle, like the preparation of a tooth).

The abutment is clicked with a friction fit onto a SIC CEREC bonding base cement-free, i.e. there is mechanical retention without the need of cement. The SIC CEREC bonding base thus provides added value for the subsequent permanent restoration. A crown can be cemented directly on the P2F abutment base for the final prosthetic restoration. Alternatively, the P2F abutment can also be separated from the SIC bonding base and the final restoration and then fabricated using CAD/CAM technology (Sirona inLab) on the basis of the existing titanium base.

A further application option for the SIC P2F Abutment is optimum soft tissue management with submerged healing without immediate restoration. In this case, the required emergence profile is produced chairside and subtractively, the abutment is shortened and fitted in situ.

The P2F abutment is retained clinically on the implant using the standard fixation screw. The screw is tightened using the SIC screwdriver and torque ratchet with a torque of 20 Ncm.

For extraoral working on PEEK, the fine cross-cut tungsten carbide burs of Komet Dental company by Gebr. Brasseler GmbH & Co. KG are particularly well suitable. The milling cutters are easy to operate and leave a clean surface which can be polished very easily.

We recommend the following handpiece instruments:

- H89EF.104.040
- H129EF.104.023
- H77EF.104.023
- H73EF.104.014



With acrylic polishers – alternatively polishing paste containing pumice/diamond grit and a goat hair brush can be used - the surfaces get their final polish. Suitable polishers are:

- 9424.104.055
- 9433.104.055



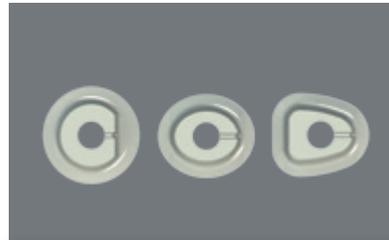
For intraoral work on our P2F Abutments, we recommend:

- H375RQ.314.016: Conical round shape for adaption of the crown margin
- H379Q.314.023: Oval shape for working on occlusal and palatal surfaces



P2F – P ROVISIONAL 2 FINAL

GINGIVA SHAPER



1 Selection

1 Selection of the appropriate basic shape and gingival height for your clinical situation.



2 Clinical Situation

2 Try-in of the P2F Abutment in situ with planning of the favoured emergence profile.



3 Shortening



4 Preparation

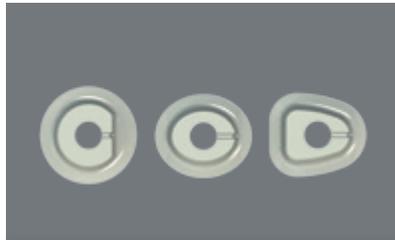
4 Screwing the P2F Abutment on the universal abutment holder. Preparing the emergence profile, shortening the functional section and polishing all parts.



5 Gingiva Shaper

5 Final try-in and closure of the screw channel.

PROVISIONAL RESTORATION



1 Selection

1 Selection of the appropriate basic shape and gingival height for your clinical situation.



2 Clinical Situation

2 Try-in of the P2F Abutment in situ with planning of the favoured emergence profile.



3 Markings

3 Marking of the emergence profile and definition of the preparation.



4 Preparation

4 Screwing the P2F Abutment on the universal abutment holder. Preparing the emergence profile, shortening the functional section and polishing all parts.



5 P2F Seated

5 Placement of the P2F Abutment and further preparation when indicated.



6 Fitting the Crown

6 Cement the crown with temporary cement.



7 Final Situation

7 Final situation after removal of possible excess cement.

FINAL RESTORATION

Final Crown



1 Removal of Provisional Crown

1 Removal of the crown using an appropriate instrument.



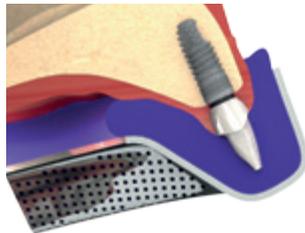
2 P2F Seated

2 Clinical situation check.



3 Finishing of the Preparation

3 Further preparation when indicated.



4 Impression taking or Scanning

4 Scanning of the P2F Abutment or impression taking and fabrication of the final crown.



5 Placement of the New Crown

5 Placement of the final crown.



6 Final Situation

CEREC Workflow



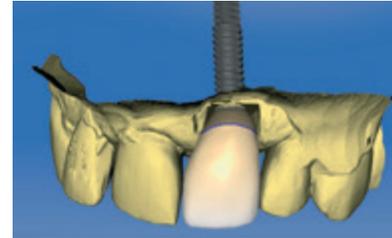
1 CEREC Bonding Base

1 Screwing in of the CEREC bonding base.



2 Scan with Scanbody

2 – Scanning of the clinical situation intraoral with a CEREC scanbody
– Or scanning on master cast



3 CEREC

3 Digital designing of abutment and crown.



4 Placement

4 Placement of the final abutment with crown.

SIC P2F Abutment Dr. Galip Gurel

	935750	SIC P2F Abutment Dr. Galip Gurel Ø 3.3 mm, round, GH 2.0 mm (incl. Standard Fixation Screw)
	935751	SIC P2F Abutment Dr. Galip Gurel Ø 3.3 mm, round, GH 4.0 mm (incl. Standard Fixation Screw)
	935752	SIC P2F Abutment Dr. Galip Gurel Ø 3.3 mm, triangle, GH 2.0 mm (incl. Standard Fixation Screw)
	935753	SIC P2F Abutment Dr. Galip Gurel Ø 3.3 mm, triangle, GH 4.0 mm (incl. Standard Fixation Screw)
	935754	SIC P2F Abutment Dr. Galip Gurel Ø 3.3 mm, oval, GH 2.0 mm (incl. Standard Fixation Screw)
	935755	SIC P2F Abutment Dr. Galip Gurel Ø 3.3 mm, oval, GH 4.0 mm (incl. Standard Fixation Screw)



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