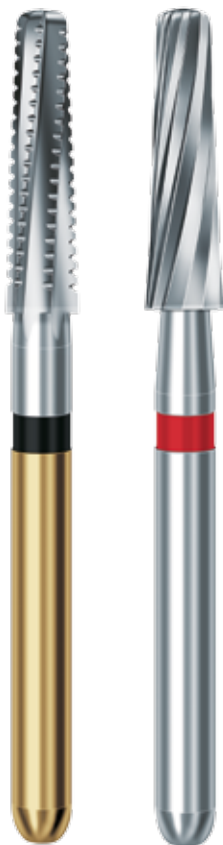




Abutments | Preparation of titanium



Special instruments for intra-oral preparation of titanium abutments.

Titanium is a material with plenty of excellent properties. It is biocompatible, neutral in taste, radio-opaque, corrosion resistant and a poor heat conductor. These extraordinary characteristics made titanium a very popular material for use in human medicine and dentistry.

In the prosthetic implantology sector, titanium is used as a prefabricated solid abutment to receive a crown or a bridge. Titanium abutments are supplied either prefabricated or custommade by the dental laboratory. In both cases, the dentist usually has to make minor corrections, such as for example a slight adaptation of the abutment to ensure optimum positioning of the crown.

We have developed new special tungsten carbide instruments for intra-oral corrections on titanium. These are particularly suitable for effective work on titanium and should be followed by a final finishing step with a matching finisher, identifiable by its red ring..

The advantages at a glance:

- Coarse tothing with cross-cut, specially developed for intra-oral preparation of titanium
- Allows treatment of tough materials without clogging
- Practice orientated shapes for preparation of abutments
- Matching finishers available



Pre-fabricated
titanium abutment

Clinical sequence:

1. Shaping by means of special instrument H847KRG.314.018.
2. Situation after use of the special instrument with coarse toothing.
3. Finishing with matching finisher (colour coding: red ring).
4. Perfectly adapted abutment after finishing step with H336.314.018.






Recommendations for use:




- To avoid excessive heat generation and for optimum chip removal, work with irrigation (at least 50 ml/min) and suction.
- Recommended speed:
For shaping: $\odot_{opt.}$ 160.000 rpm
use in the micro motor for increased efficiency.
- For finishing: $\odot_{opt.}$ 20.000 rpm

Kit 4548:

Shaping

-  ● H856G.314.016/018
-  ● H847KRG.314.016/018
-  ● H379G.314.023

Finishing

-  ● H375R.314.016/018
-  ● H336.314.016/018
-  ● H379.314.023

