



Tungsten carbide cutter | GTi



Problems when shaping and polishing titanium?

Komet offers an economic solution! Titanium is gaining more and more importance as a material used in crown and bridge techniques. In the past, its specific properties caused dental technicians genuine problems when processing this material. Its extraordinary hardness and its low modulus of elasticity led to increased heat generation and reduced heat dissipation when working with conventional TC cutters. This resulted in premature wear of the instruments, reducing their service life and making them uneconomical in use.

The **GTi cutters** were developed especially for working on titanium, and they largely contribute to overcoming these problems. Their low number of blades – compared to conventional cutters – and their additional staggered toothing lead to a particularly aggressive cutting behaviour which results in increased material reduction and maximum service life of the special instrument.

Special features and advantages of these instruments:

- Cutters for problem-free working on titanium and titanium alloys
- GTi = Coarse titanium toothing for particularly aggressive cutting behaviour
- Low number of blades, additional staggered toothing
- Higher material reduction and longer service life
- 6 different shapes to cover all treatment steps

Application:

1. Shaping and trimming the borderline of the retention lattice with Piccolo tungsten carbide cutter H129GTi.104.023

2. Eliminating the sprue surface and smoothing remaining stump with tungsten carbide cutter H79GTi.104.040

3. Trimming the clasp areas and transition zones with Piccolo tungsten carbide cutter H136GTi.104.023



Recommendations for use:

- To be used in the dental laboratory handpiece with low contact pressure
- Recommended speed:
⌚_{opt.} 15.000 rpm

