



Bone cutter | H255E



Maximum cutting performance, minimum dimension, cylindrical.

These days, modern dental treatments are expected to meet high standards: A minimally invasive procedure, maximum conservation of substance and optimum use of effective instruments. The cylindrical bone cutter H255E meets all of these requirements in every aspect. Thanks to its particularly small dimensions (diameter of 1.2 mm and 6mm long blade), this instrument is ideally suited for intuitive, tactile work. The cylindrical working part of this cutter is in maximum contact with the material to be cut, which means that bone or dentin can be separated in very little time as part of a hemisection prior to extraction. The black color code indicates that the bur is provided with a particularly sharp tothing – the special cross-cut tothing developed by Komet®. Nicks and notches are largely avoided and the cutting performance of the cutter is significantly increased.

Advantages in a nutshell:

- Very sharp tothing, excelling cutting performance
- Conservative preparation
- Long service life thanks to effective cross-cut tothing

Scope of application:

- Bone cuts in general
- Preparation of bones and bone lids
- Apicectomies
- Hemisections
- Axial perforation of the bone

Appropriate use:

- Always make sure to provide plenty of external cooling (at least 50 ml/min.). The cooling prevents excessive heating of the bone tissue and ensures proper evacuation of bone chips.
- Work with low pressure (2N) during preparation.
- Do not use the instrument for leverage (e.g. when loosening or removing the bone or wisdom tooth).
- Reprocess the H255E using anti-corrosive disinfectants and detergents (e.g. Komet DC1®).
- The bone cutters H255E.314/316 may only be used in the micro motor in the red contra-angle. Do not use in a dental turbine (risk of accident)!



Recommendations for use:

- Optimum speed: $\varnothing_{opt.}$ 80.000 rpm
H255E.314/316.012
- Optimum speed: $\varnothing_{opt.}$ 40.000 rpm
H255E.204.012
- Optimum speed: $\varnothing_{opt.}$ 40.000 rpm
H255E.104.012



● **H255E.314.012**
Total length: 26 mm



● **H255E.316.012**
Total length: 32 mm



● **H255E.204.012**
Total length: 28 mm



● **H255E.104.012**
Total length: 44,5 mm