



Bone cutter | H162SL



Bone cutter H162SL/H162SXL: Sharp and precise.

Komet has developed a new, particularly efficient bone cutter made of tungsten carbide, the H162SL for use in oral surgery. This tapered bone cutter is an all-rounder for surgical interventions on bones. The impressive advantages of the H162SL really come into their own when it comes to separating or cutting bones and during axial perforation. Typical indications include axial penetration of the bone as part of an apicectomy and the removal of impacted wisdom teeth. The cutter is particularly suitable for cutting hard dental substance and fragmenting dental roots. Thanks to its serrated toothing with an optimum spiral angle, effective, yet precise substance removal can be guaranteed. Easy linear guidance, low vibration and excellent control – these are but a few advantages which contribute to the H162SL being capable of realizing surgical interventions the gentle way.

Identification and dimensions: With its working part of 8 mm in length, the H162SL fills the gap between the bone cutters with shorter working parts (6 mm) and longer working parts (11 mm). Its diameter of 1.4 mm is carefully thought out. The letter “S” in the reference number stands for “sharp” and “L” means “long neck”. This long neck guarantees unobstructed view of the operative site at all times. The instrument is provided with a green ring which symbolizes high cutting efficiency and excellent substance removal. In shank 314, the H162SL (total length 28 mm) is also available in version H162SXL (total length 33 mm).

Advantages at a glance:

- Particularly sharp serrated toothing with optimized helix angle
- Low vibration
- Excellent axial penetration into the bone
- Versatile, thanks to its diameter of 1.4 mm
- Unobstructed view thanks to long neck

Recommendations for use:

- Optimum speed: $\varnothing_{\text{opt.}}$ 80.000 rpm
H162SL/H162SXL. **314.014.**
- Optimum speed: $\varnothing_{\text{opt.}}$ 40.000 rpm
H162SL. **204.014.**
- Optimum speed: $\varnothing_{\text{opt.}}$ 6.000 rpm
H162SL. **104.014.**
- Always make sure to provide plenty of external cooling (at least 50 ml/min.). The cooling prevents excessive warming of the bone tissue and ensures proper evacuation of bone chips.



- Exert low pressure only (2N), during axial preparation guide the instrument with circular movements to avoid jamming of the instrument.
- Do not use the instrument as a lever (e.g. when loosening or removing the prepared bone or wisdom tooth).
- Reprocess the H162SL /H162SXL using anti-corrosive disinfectants and detergents (e.g. Komet DC1), then sterilize the instrument.

