



Bone | MaxilloPrep™

Centring burs, trepan burs and bone chip extractors for safe and effective removal of bones

These days, bone grafting and expansion of bones prior to a planned reconstruction with implants are common practice and an essential part of this type of surgical treatment. To proceed even more effectively, Komet has developed a range of special instruments for the removal of bones, in close collaboration with Dr. Stefan Neumeyer, Eschlkam, Germany.

The system was deliberately kept variable, yet manageable in size. It contains a minimum of instruments, each of them suitable for a variety of applications during the removal of bones.

Bone blocks: Trepan burs

Three trepan burs are available for the removal of bone blocks. Thanks to their state-of-the-art blade configuration, these burs are not only particularly sharp but also easy to control. They allow non-traumatic treatments and produce optimum results thanks to their cutting teeth arranged in pairs.

Large perforations in the working part allow unobstructed view of the operative site and facilitate the removal of bone cylinders. Depth marks around the periphery of the instrument provide reliable control of the removal depth.

First in line: Centring burs

The trepan bur is preceded by a congruent centring bur to guarantee exact positioning and controlled guidance. Thanks to the centring tip of this bur, the safe creation of a circular guide groove can be guaranteed.

Bone chips: Bone chip extractor

This rotary bone chip extractor works according to a completely new method. It allows precise, yet gentle removal of bone chips, which are then collected and sucked away by any standard bone filter. The bone chip extractor is provided with a self-centring tip to ensure correct positioning at the operative site.

Handy hints for use:

Make sure to always provide plenty of external cooling (at least 50 ml/min.). This will prevent overheating of the bone tissue and ensure that all bone chips are rinsed off properly.

Exert low pressure (2 N) during preparation. Do not use the instruments as a lever (for example when loosening and removing prepared bones). Reprocess the instruments using anti-corrosive disinfectants and detergents (e.g. Komet DC1), then sterilize as usual.

Advantages at a glance:

Centring bur TRC

- Optimal centring and easy penetration of the bone thanks to a triangular tip. The tip allows controlled guidance during use.
- Non-traumatic treatment and optimum results thanks to staggered (inclined) front toothing.
- Exact positioning of the trepan bur thanks to the guide groove created by the centring bur.
- The bore holes in the working part allow unobstructed view on the operative site.
- Easy identification thanks to the indication of the dimensions on the shank.



REF TRC.205.045/055/065

Centring bur

⊖_{max.} 6 000 rpm ⊖_{opt.} 800–1 000 rpm

Trepan bur TRT

- Non-traumatic treatment and optimum results thanks to cutting teeth arranged in pairs.
- The perforations in the working part allow unobstructed view of the operative site and facilitate the removal of the bone cylinder.
- Depth marks around the periphery of the instrument allow exact determination of the removal depth.
- Easy identification thanks to the indication of the dimensions on the shank
- Coordinated construction of the centring bur and the trepan bur.



REF TRT.205.045/055/065

Trepan bur

⊖_{max.} 6 000 rpm ⊖_{opt.} 800–1 000 rpm

Bone chip extractor 9 126

- Self-centring tip for correct positioning of the instrument. The tip allows controlled guidance during use.
- Optimum removal and collection of bone chips thanks to the specially shaped instrument head.
- Easy identification due to the indication of the size on the shank.



REF 9126.204.042/060

Bone chip extractor

042: ⊖_{max.} 15 000 rpm ⊖_{opt.} 500 rpm

060: ⊖_{max.} 10 000 rpm ⊖_{opt.} 500 rpm

REF 4572 Complete set

All 8 instruments, treatment tray and container for sterilisation



REF 4572

REF 4569 Set

Treatment tray REF 535 and container for sterilisation (without instruments)



REF 4571 Starter kit

Contains 1 each of TRC.055, TRT.055 and 9126.042
Steel bur block 9890L4