

Further information on the recommended diameter of the extraction reamer

According to the size of the extraction reamer, an area for application of the possible screw diameter is specified. As an example, see below information for REF 80033 4.2-4.5mm.

The higher value is technically determined. For instance with the extraction reamer REF 80033 (size 4.5) this means, screws no bigger than 4.5mm in diameter can be removed.

The minimal limit of 4.2mm should not be understood as a technical limitation. The lower limit is based on the next lower extraction reamer; the closest smaller one in this example is the REF 80030 (4.0). The reason for this is as follows: with a larger extraction reamer, a larger bone abrasion is caused by the larger outer diameter and has to be milled deeper until the cone grips.

- ➔ In order to minimize the bone injury it is recommended to use always the smallest possible extraction reamer.

For illustration, see figure 1. This shows the defined area of the provided screw diameter (dark purple bars). The light bar shows the theoretical area which screws sizes also could be considered. However this works only limited depending on type of screw and materials. Technically secure and recommended is the dark purple area.

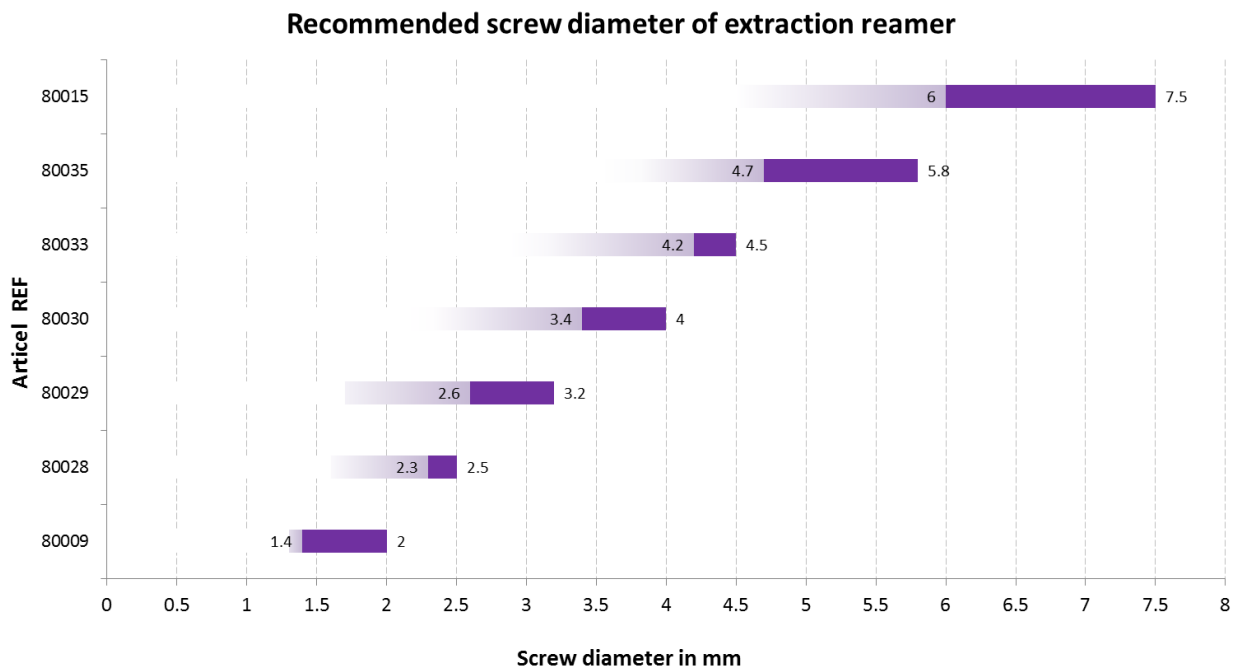


Fig. 1