



## No. 214 – Bone holder

The instrument is intended for fixing postcranial bones - especially long bones.

The bone holder consists of a metal rod which can be screwed into a horizontal metal plate. On the round bar a cuff is attached, which can be fixed with a locking screw in any height. The cuff also has a vertically adjustable joint and a holder for the bone tongs. This consists of a rod at the end of adjustable jaws are attached. In this the bone is inserted and fixed by means of a tightening screw.

**Application:** If the angle of the axes of the humerus is to be determined, this joint is tensed vertically in the bone support after the joint axes have been marked by sticking pins on with adhesive. For centering purposes, the lower transverse bar is pulled out by about 10 cm while the upper bar is extended and brought so close to the lower bar that the tip corresponds with the upper tip of the vertical pin. It is essential that both transverse bars lie along the guide bar.

If the bone support is now placed on a smooth surface with a sheet of paper, it is possible, using the parallelograph, to mark off two points of the axes on the paper. It is now a simple matter of joining the points on the paper by pencil lines and by using the protractor you have the required angle.

**Caution: For cleaning please do not use acetone or acetone-containing cleaning agents**