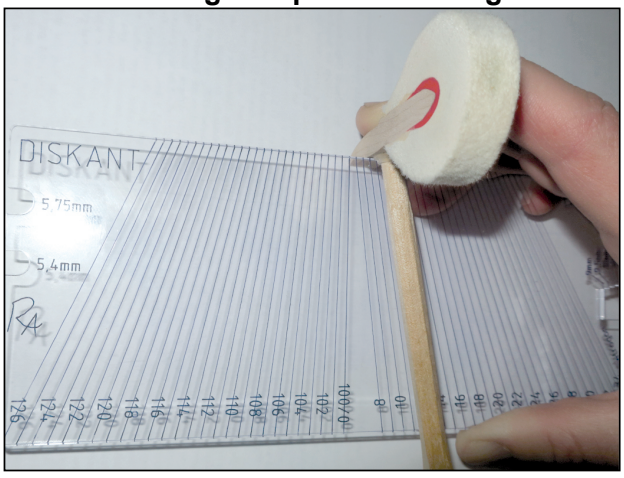
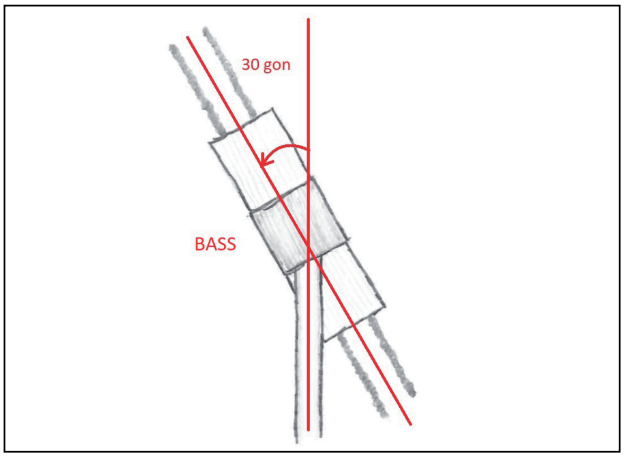
DRILL ANGLE MEASUREMENT TEMPLATE metrogon

Nowadays, the drilling angle is measured in gon (formerly known as the new degree).
A full circle is not 360° but 400 gon, the right angle corresponding to 100 gon.
Normal values for these drilling angles are between 8 and 34 gon for the bass and between 100 and 126 gon for the treble and middle register.

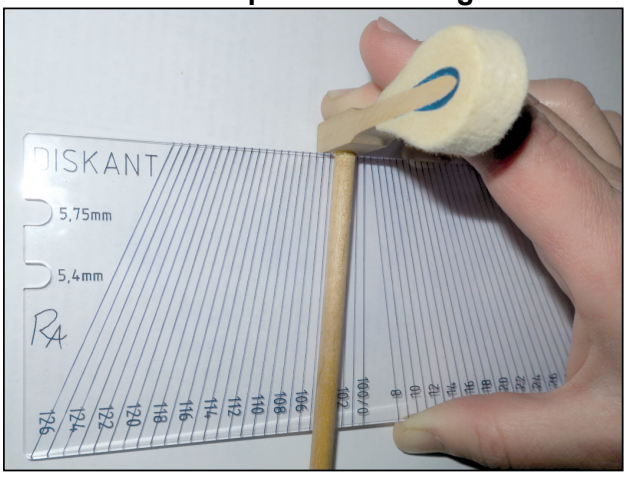
APPLICATION
While the rekonwn Renner© protractor uses the hammer Shank as refference level, in the metrogon jig the hammer core is used as this.
It is placed on the edge "DISKANT - BASS" and pressed in such a way that the core is placed flat and does not wobble. The hammer shank is placed on the jig.
Now the hammer is shifted to the left or right along the top edge until the hammer shank is parallel with one of the engraved lines. The value can then be read at the bottom of the line.
There are also incisions on the side edges to determine the hammer shank diameter and the hammer width.
For better legibility, the lines and numbers can be traced with a dark felt-tip pen. Donot remove the excess with spirit or alcohol but with benzine.

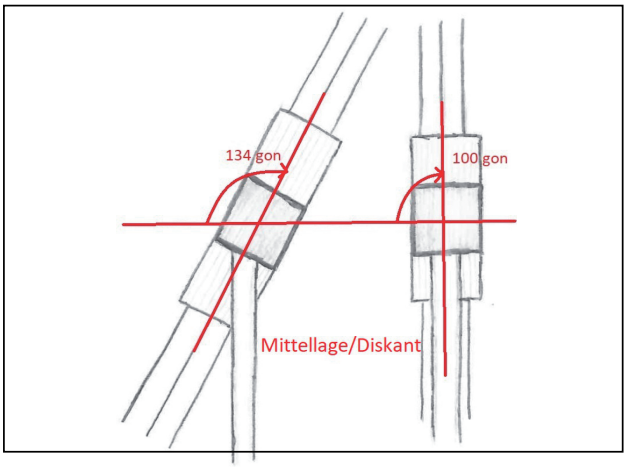
Bass hammer grand piano with 11 gon





Descant hammer piano with 105 gon





The Angle in the bass refers to the angle between the hammer shank and the hammer head, in the middle and treble the angle is measured between the strike line and the hammer head.
By the way: In cold winters, the metrogon template can also be used as a practical ice scraper.