

# SON Nippleseat Gauge

## Instructions



### Step 1

Thread the rod through two opposite holes. Hold the rod in a way that the rim hangs. If the rod is not vertically positioned now you have chosen the wrong spoke hole.



### Step 2

Place the scale on the rod. Read off the diameter at the end of the rod. With small rims look at the grooves on the rod. Deduct 100 mm for each groove. As rims often are not perfectly round it makes sense to measure again in cross direction.

### Attention:

We understand the nippleseat diameter as the dimension at the ground of the rim; that is where the nipple head is seated. On countersunk spoke holes we measure at 5 mm diameter. Our online spoke length calculator uses the same value. See [www.nabendynamo.de/en/service](http://www.nabendynamo.de/en/service).

Usually an „ERD“ (Effective Rim Diameter) is given as dimension for rims. Unfortunately this dimension is not clearly defined, though. Dimensions stated as „ERD“ may vary by 4 mm.

