

Carefully lift the treadle bar on the other side and slide it in its place on the other side between the arms. Place the screws in the holes and tighten by hand.

Now go back to the screws that were installed first, and tighten all screws in the connection rail and the treadle in the same sequence as they were installed.

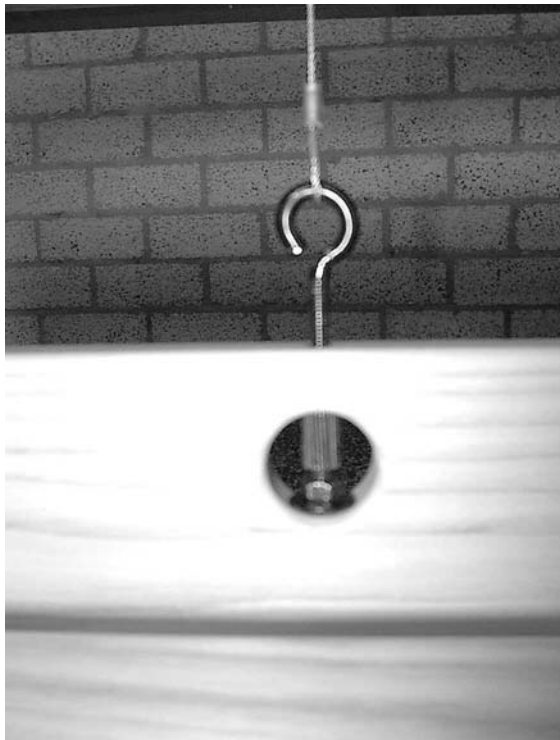
#### **Procedure to adjust the treadle for different weavers:**

Sit on the weaving bench behind the loom. Adjust the bench height, so the weaver's upper body is comfortable. You should be able to throw the shuttle and operate the beater comfortably.

Place your feet on the treadle rail. The weaver has to be comfortable pushing the treadle all the way down to the floor. Tall weavers may assemble the treadle rail in the lower holes of the treadle arms. Shorter weavers will assemble the treadle rail in the top holes of the treadle arms.

If the weaver is very short and it is not comfortable with the treadle rail in the top position, we can supply additional blocks and rails to make the weaver comfortable on this loom.

#### **8. The connection with the dobby knife**



With the eyebolt we are now going to connect the cable from the knife to the treadle and adjust the knife in the proper height. The knife is the steel bar on the right hand side of the loom; which moves up and down with the treadle. The washer, knurled nut and nut are installed on the eyebolt in reverse order. By

installation of the eyebolt to the treadle, the knurled nut is on top, followed by the nut and the washer.

Insert the eyebolt through the small hole and screw it into the knurled nut, which you hold in the large hole. As soon as the threaded end protrudes through the hole, install the nut. Hold the knurled nut and nut together and turn the eyebolt further. Also hold the washer in the large hole and make sure that the end of the eye also goes through the washer. Keep turning the eyebolt until it goes into the wood.

Now tighten the eyebolt by holding the knurled nut and by turning the nut down.

Take the cable, put the loop into the eye and guide the cable over the pulley, which is installed above the connection beam in the middle section of the loom.

When you operate the treadle, the knife moves up and down. The knife pulls the combination of shafts up, which have been selected by the screw heads on the dobby hooks by the dobby head.

If you turn the eye bolt more into the treadle, you adjust the rest position of the knife higher and conversely. By turning the hook further out, you adjust the rest position of the knife lower.



The rest position of the knife has to be adjusted so that the screw head of the last shaft can freely move under the knife. Place the eye bolt in its proper height and tighten by turning the nut and knurled nut in opposite direction so they tighten in the large hole.