FITTING INSTRUCTIONS

WITTNER FLAMENCO FINETUNE-PEG NO. 275114M-FG

Some important Product Features:

- Transmission ratio of **8,5:1** compared to an ordinary peg
- To install our Finetune-Peg you need a **precise Reamer with a taper of 1:30**
- Our Finetune-Pegs need **not to be glued in**. It's sufficient to firmly **press** them into the peg box.
- We **don't** have different pegs for the left and the right side, **one Finetune-Peg covers everything.**

Installation of the Finetune-Pegs:

Basic principles: **Our Finetune-Peg M U S T N E V E R be pulled by the peg button. This is valid for the installation process and also when the peg is installed. To remove the pegs always push the peg out from the shaft end or tap it out from the shaft end with a composite hammer.**

1. Remove the pegs you want to replace
2. Before you gently slide the Finetune-Peg into the peg box to enable you to judge how much reaming of the peg box is required and before starting to ream the peg box, **make sure that the peg box is carefully cleaned from any residues (for example peg paste).**
3. Then **firmly push** the Finetune-Peg into the peg box to enable you to judge how much reaming of the peg box is required. **As mentioned never pull the peg button. Always push the Finetune-Peg out of the peg box from the shaft end.**
4. Now you can adjust the peg box to the needed size. **Please be aware that our Finetune-Peg is of a high-tech composite material with different static and dynamic friction than wood. Our Finetune-Peg tends to slide further in the peg box (2 - 3mm/0,079"-0,118") than a wooden peg of the same size.**
   It's therefore important to be very careful when reaming the peg box. We recommend to first ream the peg box a little bit, then insert the peg into the peg box and push it in firmly to enable you to judge if further reaming of the peg box

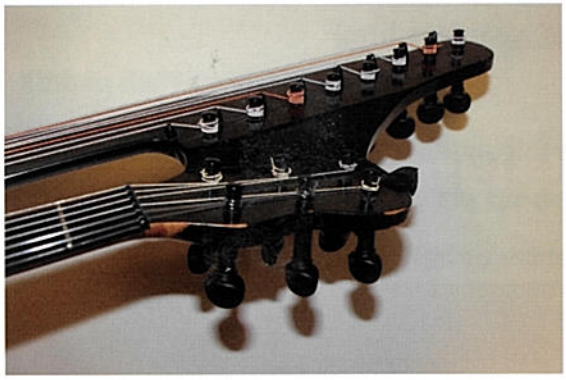
is necessary. Please don't forget to push the Finetune-Peg out of the peg box from the shaft end. Don't pull at the peg button.

If necessary please repeat this process until the peg box has the correct size.

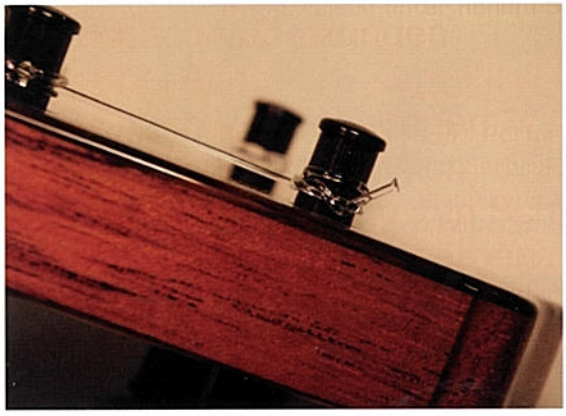
5. The peg is fitted correctly once it is pushed hard into position in the peg box.
6. If during the fitting process too much wood is reamed of the peg box or if the peg box shall not be amended and the Finetune-Peg slides a little too far into the peg box it is possible to "shim" the peg box. This is an effective way of increasing the diameter of the Finetune-Pegs. Please refer to the link below:

   http://www.wittner-gmbh.de/service/Schablone-e.html

7. Now you can mount the string. The following pictures show how the string should be mounted:









The string – especially the smooth Nylon string – **should generally be inter-locked/crossed** since without inter-locking/crossing the smooth string might be pulled out of the Finetune-Peg even if there are several windings. Not inter-locking/crossing the string would affect the stability of the tuning process.

Please make certain that the strings wind onto the spline = the part of the shaft that turns. This is most important because if the string winds onto the shaft of the peg that does not turn it could "snag" and snap.

Please make also certain that the strings have enough room in the grooves of the nut so that they cannot wedge in order to enable the strings to follow each movement of the Finetune-Pegs.

In some cases the string is too long and there is too much string length to fit on the moving spline which would affect the stability of the tuning process. If the string is too long it should be carefully shortened. In fact there is no need for more than 3 - 4 windings of the string on the moving spline. As mentioned we recommend to inter-lock/cross the windings of the string.

When restringing we recommend you our Peg Winder No. 270W. It makes the process much quicker.



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