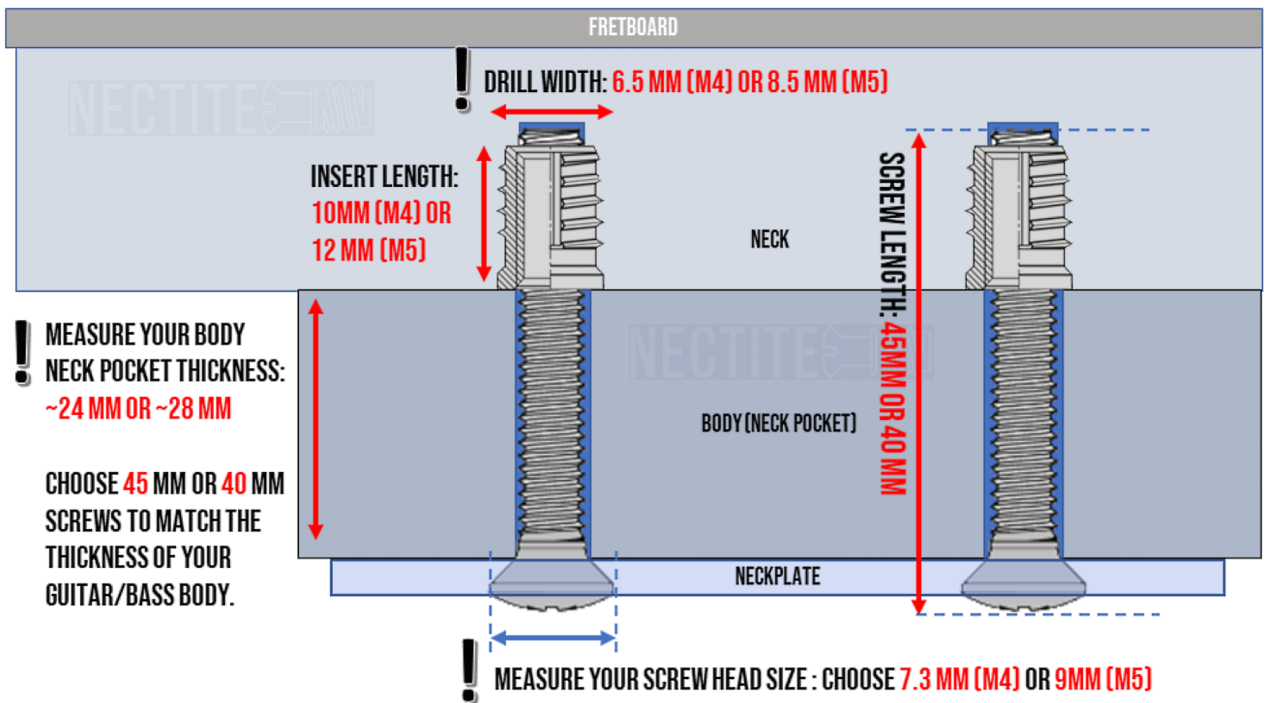


# NECTITE

## Instructions for your Nectite Assembly

Before you begin: please check if you got the right screws and inserts for your Instrument 😊!





Loosen or remove the strings so that you can safely loosen the neck.



Loosen one screw to see if the new screws fit in length and thickness.



This is what most ST and Tele screws look like, to the right for comparison the new screw. Length approx. 45mm, thickness is approximately equivalent to an M4 screw.

! Your Screws may be thicker, in this case please refer to the instructions related to M5 Screws.



If everything is ok, we can get started!





This is how the neck looks like before...



## Drilling



### Important:

Check your kit: if you have the bigger M5 size screws, use a 8 or 8.5 mm drill bit. For the regular M4 Kit, use a 6.5 mm drill bit.

### **SUPER IMPORTANT!!!!**

Use some scrap wood (hard wood) to get familiar with the drilling and inserting process. Don't use your precious instrument to practice your wood working skills 😊

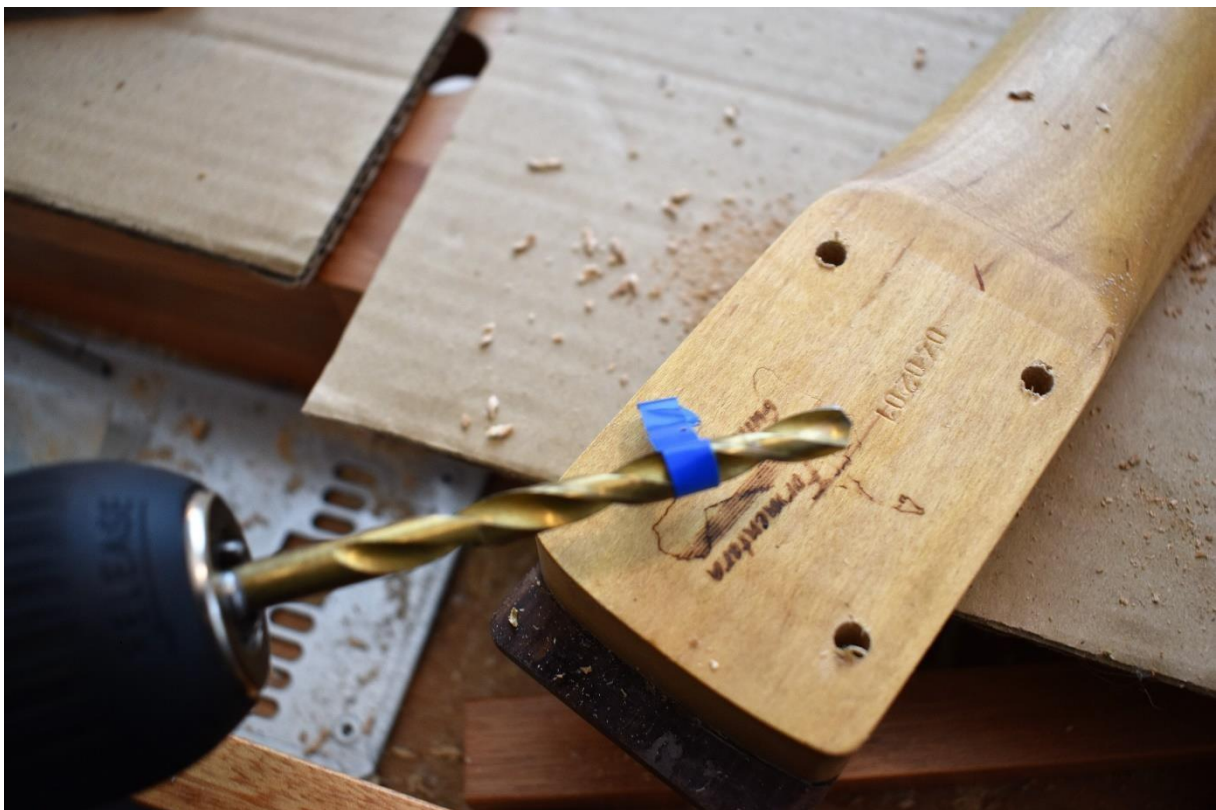
You can re-use the inserts, if you feel comfortable with the process, unscrew from the scrap wood and insert into your guitar. I try to put extra inserts into every kit (if the maximum weight allows it), for you to practice on it. Please use it!!

**DO NOT** force the screws into the inserts if you feel resistance. If they don't go in smoothly, something is wrong. Try to rotate the screw reverse a bit, and try again.

Try to get a "feeling" for the threads, by inserting and removing the screws into the inserts a couple of times before mounting into the guitar.

**If you by any chance damage the threads: let me know, I will send you replacement, no questions asked.**

**Pilot hole:** Drill carefully approx. 1cm deep with a 5mm drill into the existing holes. We start with a thinner drill. This keeps the drill hole safely centered in the original position. Give some extra room, if your built in screws might be longer than the inserts.



Finally, we use a **6.5mm (M4 inserts) or 8.5mm (M5 inserts)** drill. Again, work carefully and try to drill perpendicular to the surface!

A marking on the drill can help you not to drill too deep. You can go 11 mm for the M4 and 12mm for the M5. Make sure you have enough space left, don't drill into the fretboard :-)





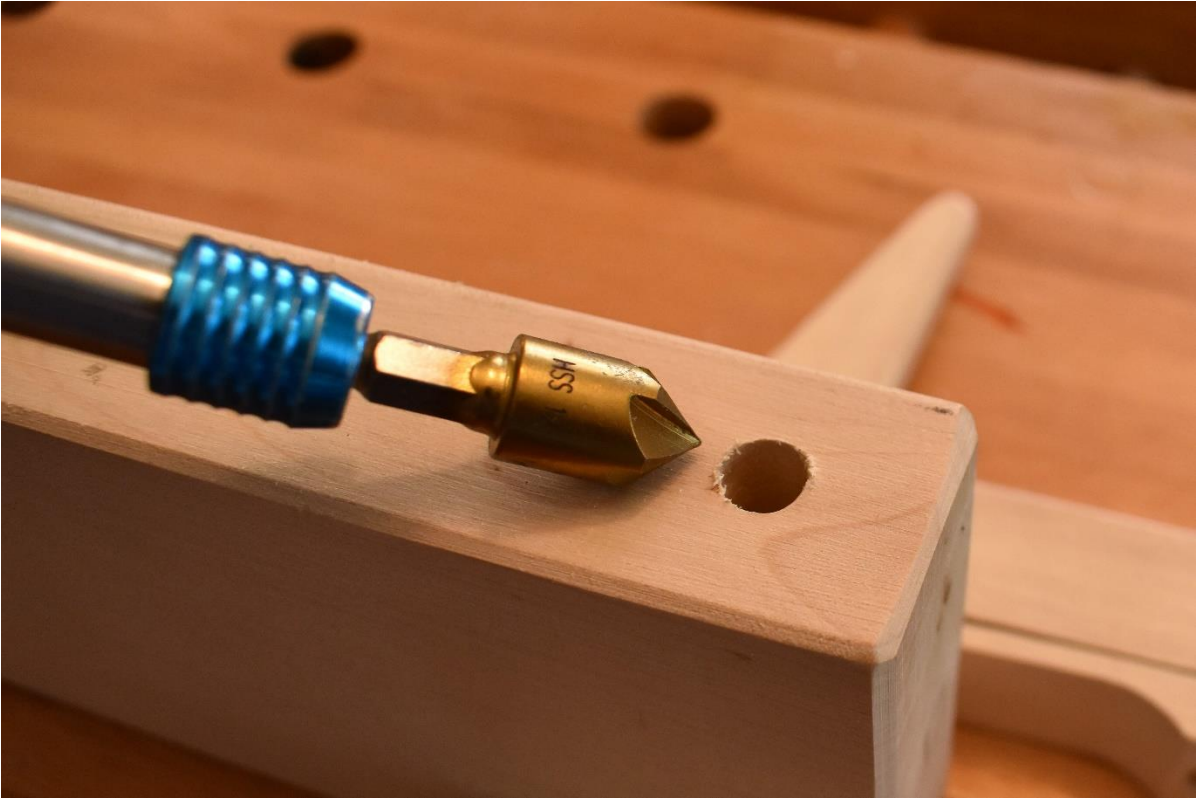
Don't be scared, it's really not hard!



Done, all 4 holes are drilled. Now remove the dust...



And clean the ridge with a little sandpaper.





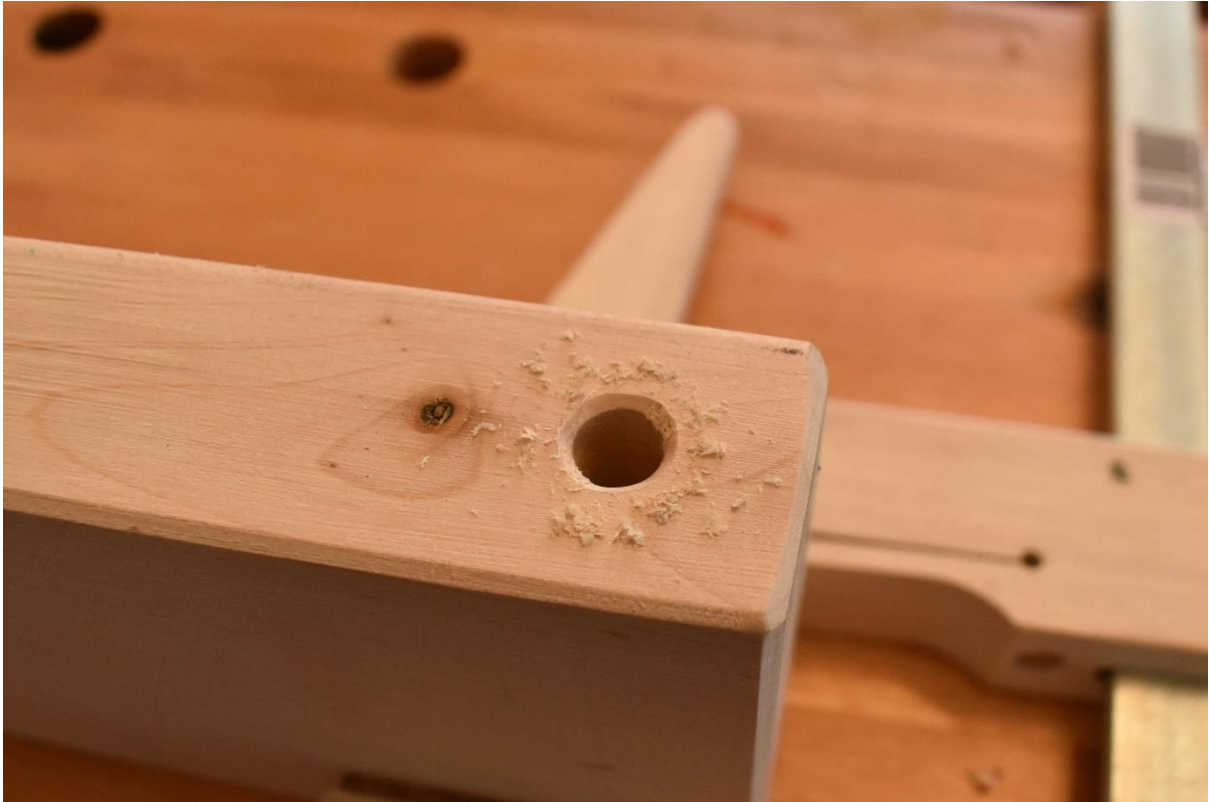


## **Important:**

I recommend using a countersink drill bit like this! It will create a perfect fit for the insert. This will make the insert cutting its thread a bit deeper in the material. Splintering and breaking on the drilling hole rim will be reduced to a minimum!



Just cut a little edge, for the rim of the insert.



That looks perfect!



Now the screw inserts are mounted...



## **Important:**

We highly recommend to use our new Hex Tool, for the insertion process of the inserts.

Use a drill press if you can, mount the hex tool like a drill, and turn the drill chuck by hand, with light pressure applied from the handle.

**Make some test runs on scrap wood first!**





Now, we can screw in the inserts.

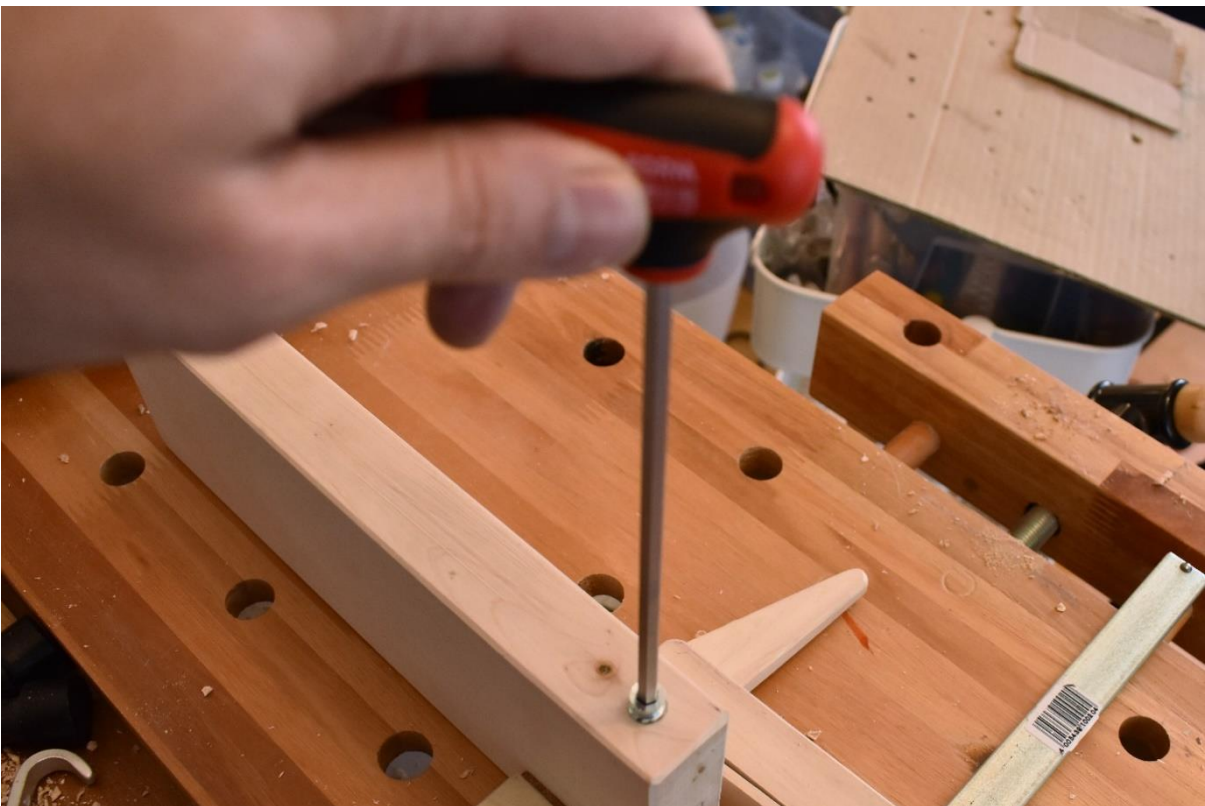


Take it easy...





If you can't use a drill press: Take care that the inserts are screwed in vertically from the first turn.



A T-shaped hex wrench works much better.

Don't apply too much pressure on the insert! Screw it in like a corkscrew. It will cut its groove by turning the tool, not pushing.





This is what it should look like in the end...





With the countersink it looks even more professional.



Check that the inserts are flush with the surface!





Now reinsert the neck (remove dust and drill cuttings carefully)



**Important:**

**For the M5 Screws: the screws should move and turn freely in the body hole. Please use a 5 mm drill to widen the holes in the body a bit if they won't go through easily.**



Tighten the screws crosswise evenly.

Add some lubricant (w40, silicon oil, etc.), this makes screwing in even smoother and protects the metal surface.

Don't overtighten the screws! You can easily damage the threads.

If the screws won't go in: check again if the inserts are perfectly centered and not angled.

If the inserts are not perfectly angled, unscrew, add a tiny drop of wood glue and screw in again, perfectly perpendicular this time 😊



Finished! Check that the neck is mounted perfectly without gaps on all sides.

Now restring the guitar, turn on the amp and enjoy the fantastic sustain of your guitar!

Have fun,

Michael

[Nectite.de](http://Nectite.de)