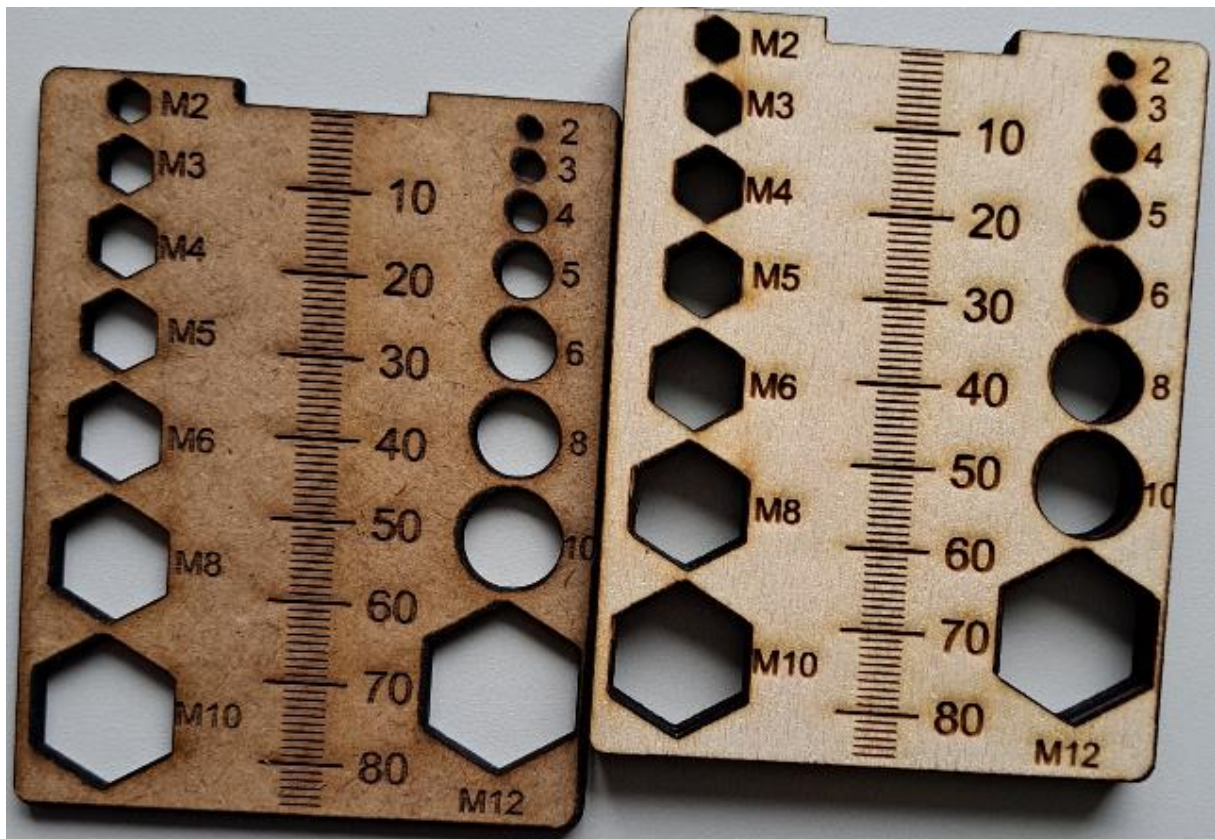


Making a screw-measuring tool



Every maker has a glass, box or any container with just some random screws inside of it. But wouldn't it be nice to have a small, compact and easily applicable tool to counter this problem?

This challenge was the inspiration for the project described in this document.

With this tool you can measure metric hexagonal screws from M2 up to M12, you can check the diameter of the screw from 2 mm up to 10 mm and finally you can measure the length of the screw and the length of the Thread.

The measuring tool was designed in Creo and in order to make the cuts and engravings with the lasercutter the software RDWorksV8 was used.