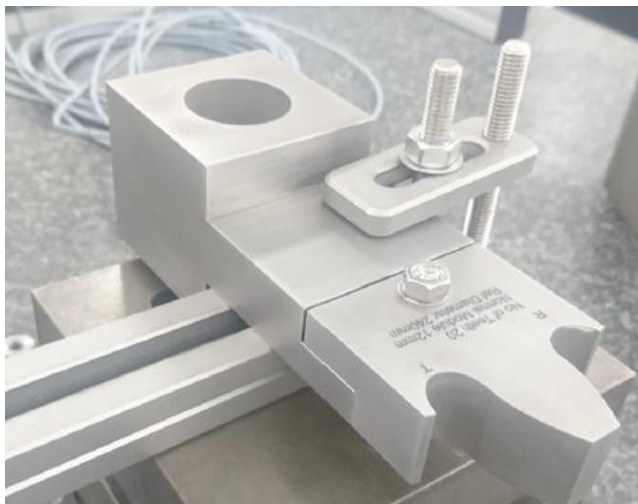
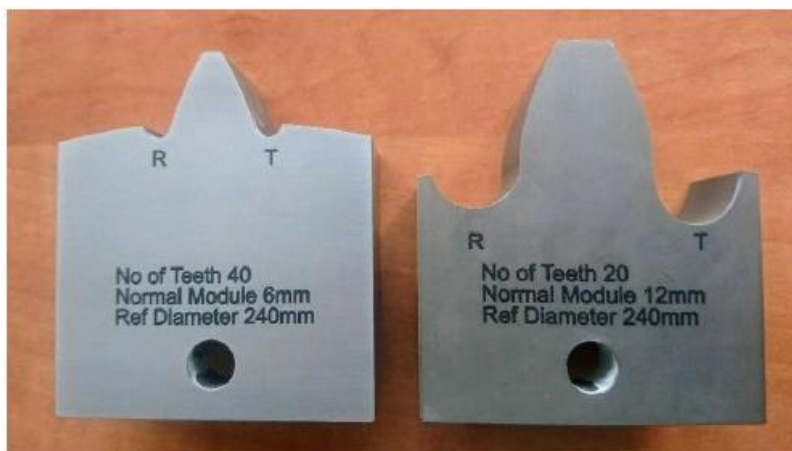


## ***Gear root fillet measurement standard (NPL, United Kingdom)***

The artefact consists of a main body onto which can locate interchangeable tooth/fillet elements (20 teeth/12 mod and 40 teeth 6 mod ) to replicate 240mm reference, 264mm tip diameters.

Each component consists of centrally positioned tooth profile with one true and one trochoid radius profile.

The artefact is designed such that the profiles can be located and measured on a traditional gear checking machine and coordinate measuring machine, as well as on optical CMM and profiling machines with the tooth elements removed from the body.



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