QUINDOS Unknown Gear

The package QUINDOS Unknown Gear can be used to determine the parameters of an unknown spur or helical gear using a precision coordinate measuring machine, which can be turned into a gear tester with QUINDOS software.

By measuring a single gear tooth, all the relevant parameters, such as normal module, number of teeth, pressure angle, helix angle, addendum modification factor etc. can be calculated.

A feature, which is even not available at most gear tester.

Applications: Re-manufacture of broken gears with unknown parameters.

The following types of gear can be evaluated:
• Gears and gear segments according to DIN, ISO, JIS or AGMA standards
• Cylindrical gears, straight or helical, internal and external

Gear measuring technology by Hexagon Metrology:
Turns a CMM into a gear tester!