KISSsoft
Gear Design Software

KISSsoft® is used wherever there are gears!

KISSsoft covers all common gear types, shafts, bearings, shaft-hub connections, bolts, springs etc. It is used for the analysis of a single element and to design complex transmissions and drive trains. Training and consultancy services provided by KISSsoft AG – A Gleason Company complement the software business. Join some 4000 licensees and benefit from 40 years of experience in gear software.

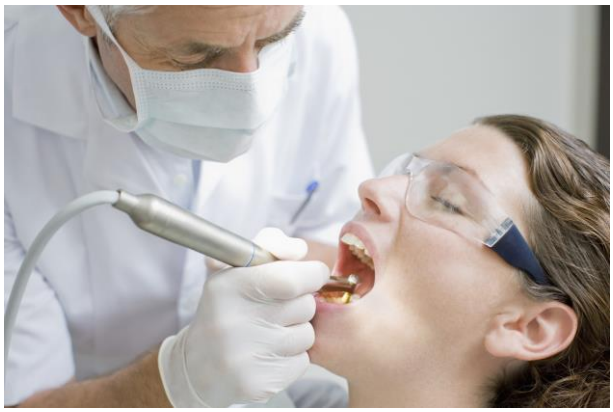
Gears keep track of time.

Non involute gears of low friction are needed to drive watches, clocks, and timepieces accurately. KISSsoft works with proverbial Swiss watch accuracy, keeping you up with time.

8 billion humans need food.

Tractors and other agricultural equipment are one of the pillars on which food security is based. KISSsoft is used by most of the top tractor manufacturers to design and strengthen transmissions and axles.

You like to go to the dentist?



KISSsoft helps to reduce the noise and vibration in the gears used in dental drills. Lower noise level means less nervous patients and therefore less pain during the treatment.

Whether you play the violin or do water skiing, gears drive your hobby.

Any hobby relying on a vehicle or a mechanism (think of the worm gear in a violine to tune it) features gears. KISSsoft makes hobbies fun, safe and affordable.

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Sharing Knowledge

The train is on time.

KISSsoft ensures that the root cause for a delay is not a gearbox failure in the locomotive. The high reliability and lifetime needed in rail transport, is achieved through detailed life and failure probability calculation methods.

The center of the milky way is 25’000 light years away.

KISSsoft is used to maximize the slewing bearing stiffness to maintain antennae and telescope elevation and azimuth accurately. Highly detailed images of our solar system are the result.

We all pay water bills.

Fluid flow sensors, require high ratio, low friction geared transmissions to drive the clocks metering usage. KISSsoft allows for optimization of the gears to achieve high metering precision at low cost.

Space travel, the hobby of the ultra-rich.

And yes, there are gears used in rovers, satellites, rockets and their actuators. And of course, KISSsoft is used for the design for highest reliability at lowest mass.

Gears are everywhere.

Every day, new applications for this time-tested machine element are found.

Where do you use gears? Ask for our assistance with your gear design, be it through our software, training, or consultancy services.

A trial version is available upon request through our website at www.kisssoft.com/trial.