



The KISSsoft Interface to Unigraphics NX

Start KISSsoft through the integrated menu in NX and easily calculate, generate and document gears in 3D!

KISSsoft

KISSsoft is a comprehensive CAE package for the layout, analysis and optimization of machine elements.

For our gear calculation software modules, we have developed an interface to Unigraphics NX. You can now call all KISSsoft calculation modules directly from the CAD program, and comfortably execute your calculations.

We could thus eliminate the laborious construction and the manual transfer of parameters from CAE to the CAD package. With KISSsoft and its interface, it is possible to keep it all under one umbrella.

Gear types

The Unigraphics NX interface supports the following gear types:

- Internal / External Spur Gears
- Internal / External Helical Gears
- Crossed Axes Helical Gears
- Worm Gears

The KISSsoft interface supports NX versions 3 and 4.

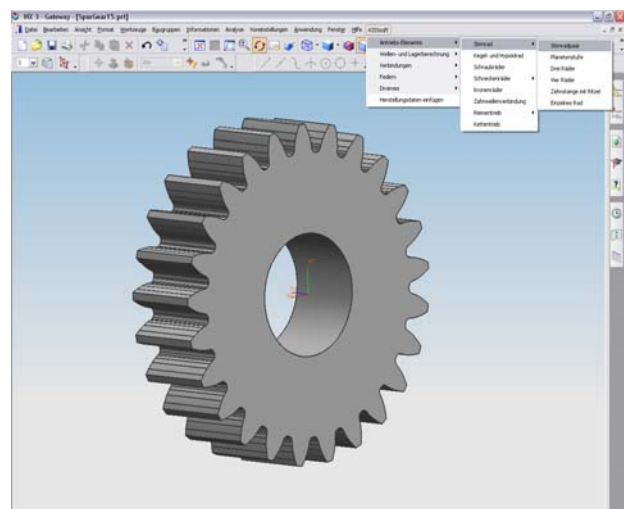
The Interface

Generation of a gear model can take place in one of two ways. A gear can be generated for an existing assembly or as a completely new part.

The interface attaches the KISSsoft calculation files, as well as the required manufacturing information for the two-dimensional drawings, to the Unigraphics NX Part (see next page in section manufacturing data).

Gears are generated either with polylines, by circular approximation or as splines. It is up to you to decide which format to choose.

KISSsoft Unigraphics NX Interface is, intended for your international applications, in following languages: English, German, French, Italian and Spanish.



KISSsoft Display of Spur Gear in NX

