



The KISSsoft Interface to think3 thinkdesign

Calculate, generate and document gears in 3D with KISSsoft and easily integrate them into thinkdesign, and more!

KISSsoft

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

For our gear calculation software modules, we have developed an interface to thinkdesign. You can now calculate your gears in KISSsoft and, with the push of a button, create and display them in thinkdesign.

As an additional feature, KISSsoft interface offers you an add-in to thinkdesign. You can now call all KISSsoft calculation modules directly from the CAD program.

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 thinkdesign interface supports the following types:

- Internal / external Spur Gears
- Internal / external Helical Gears
- Crossed Axes Helical Gears
- Worm Gears
- Bevel Spur Gears

The KISSsoft interface supports thinkdesign version 2008.1

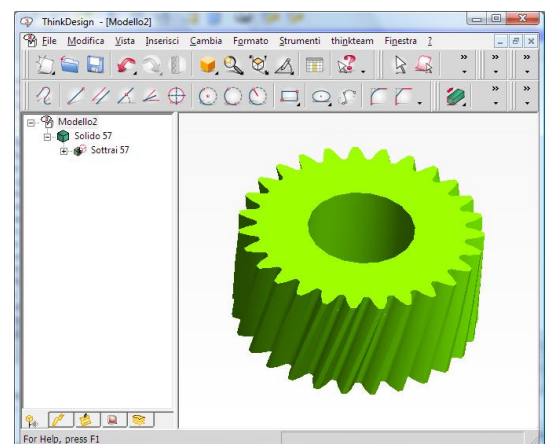
The Interface

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 required manufacturing information for the twodimensional drawings, to the thinkdesign Part (see next page in section manufacturing data).

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

KISSsoft's thinkdesign Interface is – intended for your international applications – available in following languages: English, German, French, Italian and Spanish.



KISSsoft Display of Helical Spur Gear

