

GENIUS TOOLS MBD for ISO GPS

12.0.1.0

Release information

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1 Important information

GENIUS TOOLS for Creo: No support für Creo version 11.0.0.0(12.0.1.0)

PTC Creo version 11.0.0.0 is not supported.

GENIUS TOOLS for Creo: End of support for Creo versions up to 9.x (Version 12.0.0.0)

PTC Creo versions up to and including 9.x are no longer supported.

Export TDP: Directories must be renamed (12.0.0.0)

For Export TDP, the following subdirectories in *export_tdp* must be renamed in the resource directory:

Folder name: old	Folder name: new
component	chapters
model	components
template	templates

The following configuration options have been renamed:

Configuration option: old	Configuration option: new
gttdp_component_folder	gttdp_chapter_folder
gttdp_model_folder	gttdp_component_folder

The following details for the export templates have been renamed:

XML-Tags: old	XML-Tags: new
frame	format
XML-Attribute: old	XML-Attribute: new
component	definition
drwframe	drwformat

Latex

XML-Tags: old

@frame

XML-Tags: new

@format

2 What's new in release 12

The following functions were added to the GENIUS TOOLS add-on applications for Creo, which are included in GENIUS TOOLS MBD for ISO GPS.

2.1 GENIUS TOOLS Inspect 3D

Inspect / Inspect 3D: Display of all tolerance values in compound frame (Version 12.0.0.0)

For geometric dimensioning and tolerancing all tolerance values and datum references in a compound frame are displayed and automatically read out.


Please note: The module *Inspect* is part of the products *Startup TOOLS*, *GENIUS TOOLS Parameter* and *GENIUS TOOLS Library*, while *Inspect 3D* is a module of the new product *GENIUS TOOLS MBD for ISO GPS*.

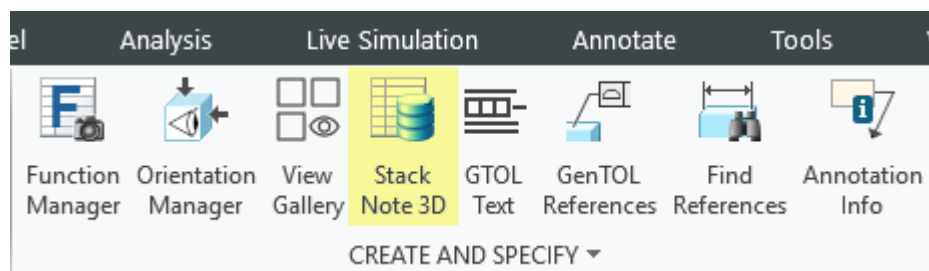
2.2 GENIUS TOOLS Stack Note 3D

New module „Stack Note 3D“ (12.0.1.0)

The new extension module *Stack Note 3D* is used to select standardized information and place them in a note in a 3D model. The information elements are predefined by the administrator in a multilingual database and can, for example, contain information on standards or regulations. The note can be exported and imported as an XML file.

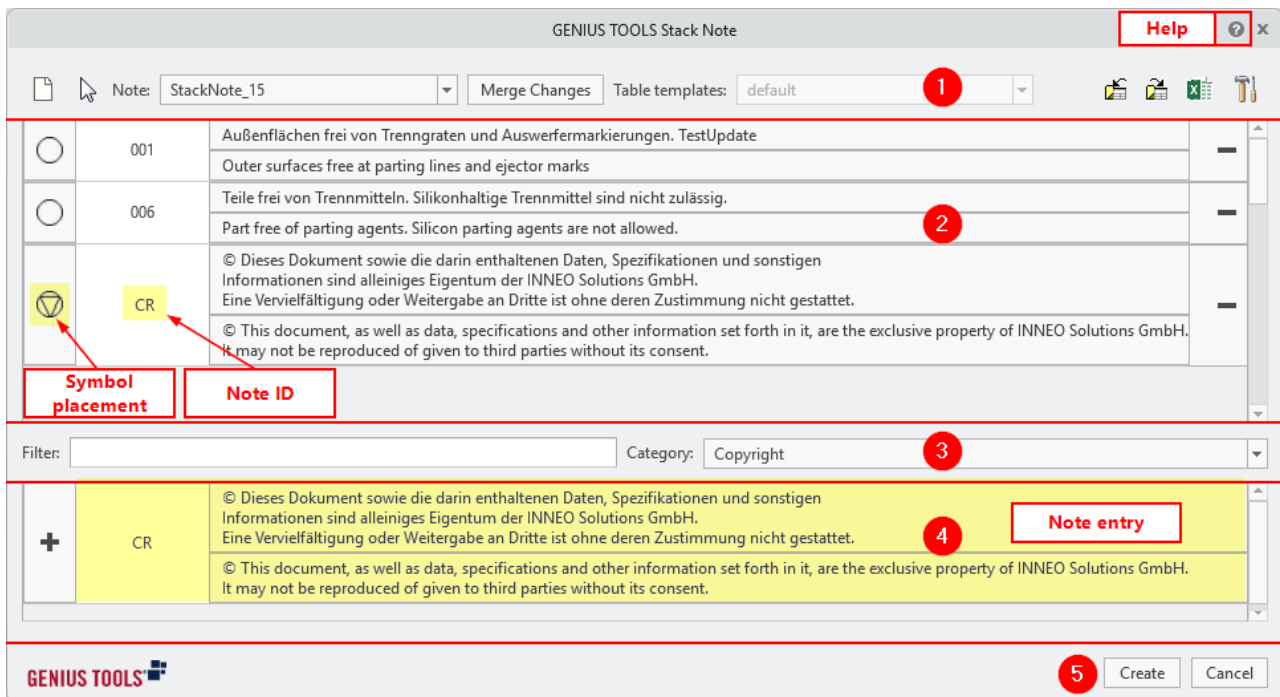
Stack Note 3D is part of the new product GENIUS TOOLS MBD for ISO GPS.

To start *Stack Note 3D* , go in the *GENIUS TOOLS* ribbon to the CREATE AND SPECIFY section.



User interface

The user interface of *Stack Note* consists of the following elements:

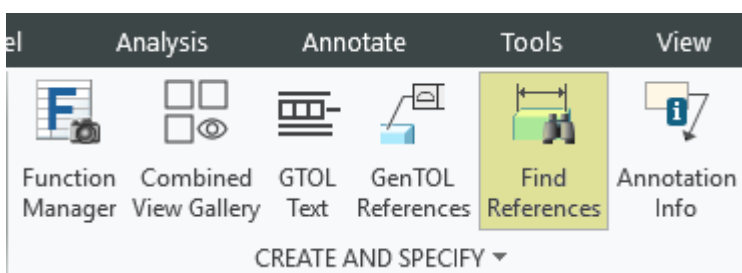


1. Command bar and help button
2. Selection of note entries
3. Search input and category selection
4. List of all note entries. A note entry consists of the button for symbol placement, a note ID, and the content in one or more languages.
5. Buttons for placing and updating the note and closing the window.

2.3 GENIUS TOOLS Utilities

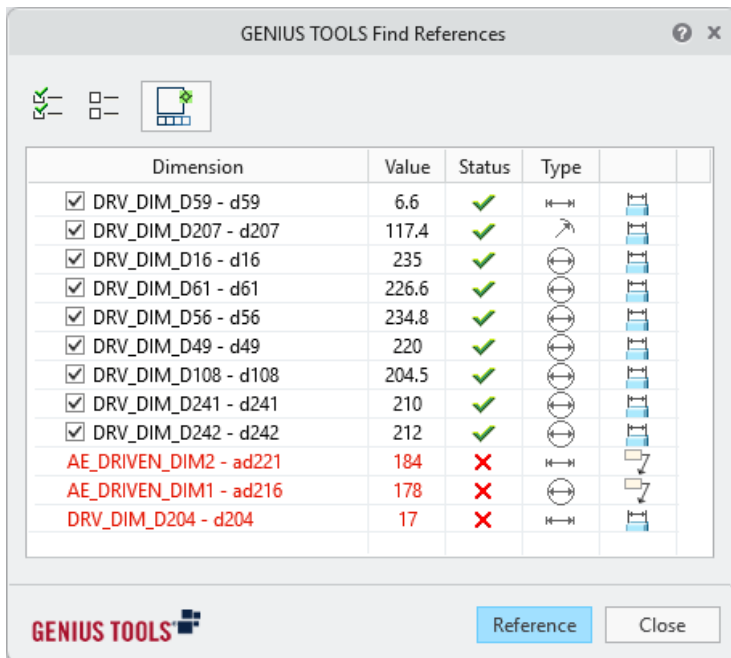
Utilities – New function „Find References“ (12.0.0.0)

The new function *Find References* has been implemented as part of *GENIUS TOOLS MBD for ISO GPS*. The function is located in the *GT MBD* ribbon in the *CREATE AND SPECIFY* section.



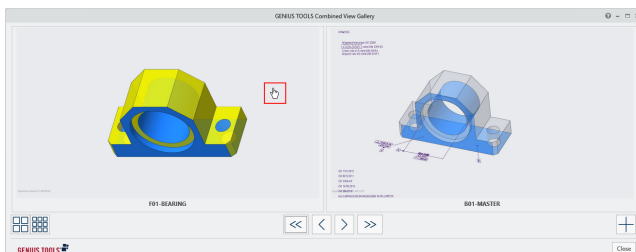
Find References enables the automatic assignment of references to dimensions and finds for displayed dimensions the corresponding semantic references. References which are not found can be assigned manually. It also creates the semantic for Creo Parametric

model dimensions that represent ISO-GPS standards.

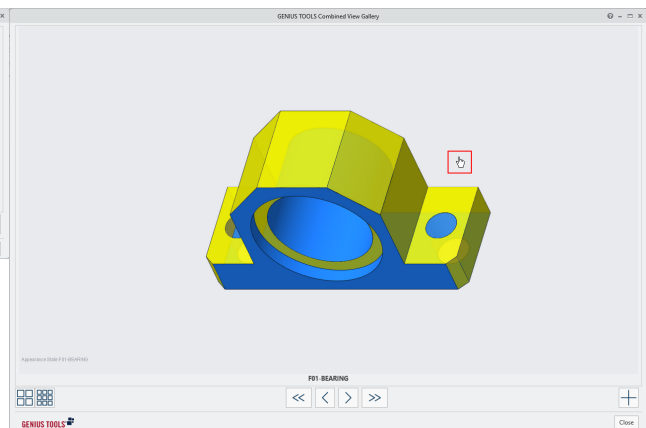


Utilities – Combined View Gallery: Click sequence optimized (12.0.0.0)

If several combined views were added to the gallery, you can switch to the single view by clicking on a combined view. With another click on the combined view, you switch to the last used multiple view.



Multiple view



After switching to the single view

3 Configuration options

The following configuration options have been added, changed or deleted since version 12.0.1.0.

3.1 New configuration options (12.0.0.0)

Export TDP: New configuration option

gttdp_can_change_workdir

Defines whether the working directory may be changed in order to find the required models for using attribute (1) or by owner (0). Default: 0

3.2 Altered configuration options (12.0.0.0)

Export TDP: Altered configuration options

These configuration options have been renamed:

alt: gttdp_component_folder

neu: **gttdp_chapter_folder**

alt: gttdp_model_folder

neu: **gttdp_component_folder**