

# GENIUS TOOLS MBD for ISO-GPS

12.0.0.0

## Release information

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# 1 Important information

## 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	
@frame	@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

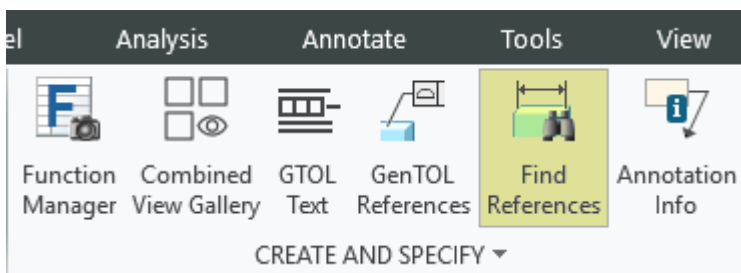
#### **Inspect / Inspect 3D: Display of all tolerance values in compound frame (Version 12.0.0.0)**

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

### 2.2 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* segment.



*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 dimensions.

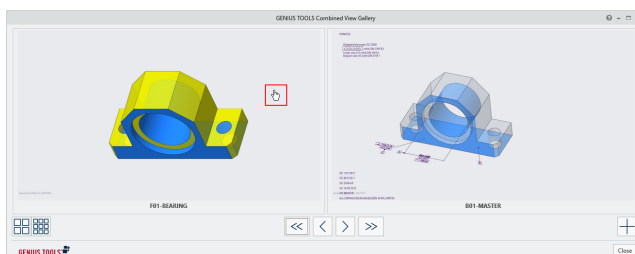
GENIUS TOOLS Find References					
Dimension	Value	Status	Type		
<input checked="" type="checkbox"/> DRV_DIM_D59 - d59	6.6	✓	H—H		
<input checked="" type="checkbox"/> DRV_DIM_D207 - d207	117.4	✓			
<input checked="" type="checkbox"/> DRV_DIM_D16 - d16	235	✓			
<input checked="" type="checkbox"/> DRV_DIM_D61 - d61	226.6	✓			
<input checked="" type="checkbox"/> DRV_DIM_D56 - d56	234.8	✓			
<input checked="" type="checkbox"/> DRV_DIM_D49 - d49	220	✓			
<input checked="" type="checkbox"/> DRV_DIM_D108 - d108	204.5	✓			
<input checked="" type="checkbox"/> DRV_DIM_D241 - d241	210	✓			
<input checked="" type="checkbox"/> DRV_DIM_D242 - d242	212	✓			
AE_DRIVEN_DIM2 - ad221	184	✗	H—H		
AE_DRIVEN_DIM1 - ad216	178	✗			
DRV_DIM_D204 - d204	17	✗	H—H		

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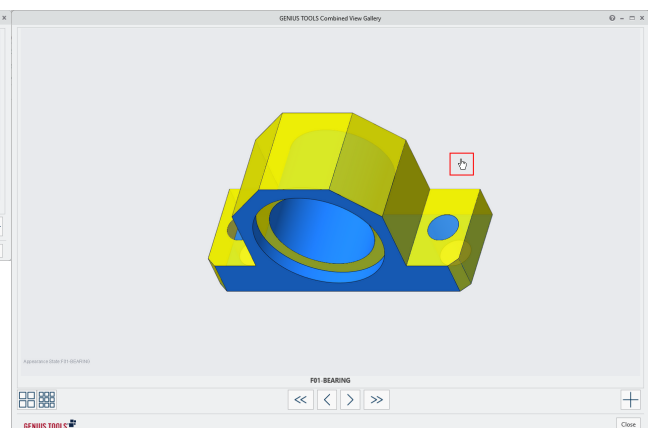
Reference Close

## 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 12.0.0.0.

### 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**