

# WinTool Interface for TopSolid'CAM 7

Release 1.6.1 for TopSolid'CAM 7.16 and 7.17

## History

### 1.6.1

#### New features, improvements & changes

- Improved cutter shape import for all tools
- Improved Drill tools import where the contour was not being created because of small segments (TC01, TC02, TC03, TC04, TC05, TC16)
- Improved process of importing holder parts using step files available in WinTool (more details in Chapter "Special Tool Assembly 3D Models")
- Fixed issues with placement of inserts for Grooving tools (TC33, TC34 and TC35)
- Fixed issues with placement of round type inserts for Turning tools (TC31 and TC32)
- Fixed wrong "Cutting diameter" and "Flute length" value calculation for Drill tools (TC01, TC03, TC04 and TC05)
- Fixed wrong "Cutting diameter" value calculation for Milling tools (TC06, TC07, TC08, TC09, TC10, TC11, TC12, TC15, TC17, TC18, TC22, TC23, TC25, TC26, TC28, TC29, TC38 and TC41)
- Fixed issue where cutter part step file was imported as holder part
- Fixed wrong "Clearance angle" value calculation for
  - Conic Nose Mill tool (TC13)
  - Conic Nose Ball Mill tool (TC14)
  - Turning tools (TC31 and TC32)
  - Grooving tools (TC33, TC34 and TC35)
  - Threading tools (TC36 and TC37)
- Fixed wrong "Number of thread teeth" value calculation Thread Mill tools (TC29 and TC38)

#### Known issues

- Wrong scaling of tool assemblies for inch tools with metric STL files.

### 1.6.0

#### New features, improvements & changes

- Compatible with WinTool 2023.3
- Improved import of High Feed Mills (TC24) and Grooving tools (TC33, TC34 and TC35)
- Improved cutter shape import for Gun Drills (TC05)
- Improved tool import performance in combination with TopSolid databases containing big amount of objects
- Fixed issue with ImportToolToPockets configuration option that placed imported tools into virtual magazine
- Fixed issues with placement of Inserts and plane directions (TC31, TC32, TC33, TC34, TC35, TC36, TC37 and TC38)
- Fixed issues importing cutting conditions

- Fixed issue with error when importing a tool assembly that was deleted in TopSolid but still in the recycle bin
- Fixed issue with Setup installing wrong version of the NLog.dll
- New version of WT-ToolExport integrated with a new and powerful search UI/UX for Tool Assembly, Tool list and Machine.
- Includes newest versions of WT-MakeList

### 1.5.0

#### New features, improvements & changes

- Compatible with WinTool 2023.2
- Compatible with TopSolid 7.17
- Replaced CodeMeter 7.30a prerequisite by CodeMeter 7.6
- Improved Setup

#### Important Notes

- TopSolid 7.15 Support removed

### 1.4.8

- Fixed Setup solving “PathToAppData\Exchange” error
- Fixed Setup solving missing WTPlugins.dll

### 1.4.7

- Compatible with WinTool 2022.1.0
- Compatible with TopSolid 7.16
- Ensured compatibility with WinTool Versions older than 2020.3.1

### 1.4.6

- Compatible with WinTool 2020.3.1
- Compatible with TopSolid 7.15

### 1.4.5

- Compatible with WinTool 2020.2.1
- Compatible with TopSolid 7.14

### 1.4.4

- Compatible with WinTool 2019.1.2
- Support of new Tool type “Back Spot Face Mill”
- Support of new Tool type “External Thread Mill”
- Support of new Tool type “Barrel Mill”
- Support of new Tool type “Oval Mill”
- Support of new Tool type “Lens Mill”
- Added new configuration option
  - “NCProgramNumber”
  - “ToolListDescription”
  - “ImportToolsToPocket”
- Fixed “special” characters that would appear sometimes when using PUT
- Tool “Ball Touch” is now imported correctly

- Added important information about Grooving-Threading-Turning Tools to the Manual

#### 1.4.3

- Compatible with WinTool 2019.1
- Compatible with TopSolid 7.13
- Fixed zero Points that were wrongly Positioned for Imperial Milling Tools
- Fixed Import of Tool Type “Ball Touch” (/TC30)
- Fixed scaling of 3D Models from Imperial Tools
- Fixed General conversion of Tools
- Implemented new Licensing Model
- Made it possible to Import Tools with corner radius 0

#### 1.4.2

- Compatible with WinTool 2018.2.1
- Cutting Conditions Plugin changes
  - Added Ap/Ae Values to Operation Settings (Available in TopSolid 7.12 SP9)
- Fixed PUT where it wouldn't work sometimes with certain Configurations
- Fixed Import where Tools wouldn't be imported if they were already imported in older Projects
- Added STL Import for TopSolid 7.12
- Support of new Tool type “Gun Drill”
- Support of new Tool type “High Feed Face Mill”
- Support of new Tool type “Countersink Drill”

#### 1.4.1

- Compatible with WinTool 2018.2
- Fixed Import of same Tool twice

#### 1.4

- Compatible with WinTool 2018.1
- Compatible with TopSolid 7.11 and 7.12
- Compatible with WinTool 2018.1
- WinTool MakeList changes
  - Machine name is now being exported and if available in WinTool automatically selected
  - Project name is now automatically the Tool List name
- Corrected conversion of Inch and Metric tools when imported to a different unit system
- Made T-Number and ToolID configurable
- OldName is now imported in the “Comment” field
- Fixed Insert of Type T
- Added plugin for Cutting Conditions

#### 1.3.2

- Corrected error when importing turning tools in Versions above TopSolid'Cam 7.11.300.0

#### 1.3.1

- Corrected error when importing tools in TopSolid'Cam 7.11
- Added shortcut to interface configuration window

### 1.3

- Compatible with TopSolid'Cam 7.11
- Added support for flat drill tools
- Corrected import of tool offset values for chamfer mill, face mill and corner rounding mill
- Adjusted import of chamfer mill to work with graving tool

### 1.2

- Compatible with TopSolid'Cam 7.10
- Added support for turning tools
- Added 3D model holder import for radial milling and drilling tools
- Importing WinTool machine type name to enable filtering in tool search window

### 1.1

- Compatible with TopSolid'Cam 7.8 and 7.9
- Importing tool assemblies into "WinTool Tools" library instead of current project
  
- Corrected center drill import
- Corrected pocket number extraction in tool list export