WinTool Interface for hyperMILL

Release 2.13 for hyperMILL 2011 and higher

History

2.13

- ✓ Compatible with *WinTool* 2011 – 2018.1
- ✓ Compatible with hyperMILL 2011 – 2018.2
- ✓ Support T-Slot Cutter with corner radius or chamfer
- ✓ Support Probe Tools
- ✓ New configuration option “ToolName”
- ✓ Improved Synchronisation between the Tool Database and hyperMILL

2.12

- ✓ Compatible with *WinTool* 2011 – 2017
- ✓ Compatible with hyperMILL 2011 – 2018.1
- ✓ Update for holder starting with angled lines
- ✓ New configuration option “ToolGeometryMode”
- ✓ Free form geometry now contains cutting area
- ✓ Improved calculation of arcs in free form geometry
- ✓ XML encoding changed to “UTF-8”
- ✓ Corrected calculation of Shank diameter
- ✓ WinTool tool export changes:
  - ✓ Showing assembling state of tools in selection list
  - ✓ Displaying available tool duplicates in CAM tool selection
- ✓ Support of new tool types:
  - ✓ Reamer (/HM14)
  - ✓ Lens Cutter (/HM08)
  - ✓ Tap Tool (Lead In) (/HM15)

2.11

- ✓ Compatible with WinTool 2011 – 2017
- ✓ Compatible with hyperMILL 2011 – 2017.2

2.10

- ✓ Compatible with *WinTool* 2011 – 2016
- ✓ Compatible with hyperMILL 2011 – 2016.2

2.9

- ✓ Compatible with *WinTool* 2011 – 2014
- ✓ Compatible with hyperMILL 2011 – 2014
- ✓ New in hyperMILL 2014:
  - ✓ Import: If the T-Number is 0, hyperMILL will automatically assign the next free NC Number
  - ✓ Export: One *WinTool* tool list will be created for each job list
  - ✓ Export: The tool list name will be filled in automatically
- ✓ Separation of program files and user data into separate directories
- ✓ Newest version of WT-MakeList integrated, for details see the WT-MakeList Manual

- ✓ Newest version of WT-ToolExport integrated:
  - ✓ Selection of the filter 'Preferred only' is saved
  - ✓ Better readability with higher DPI settings
  - ✓ Compatible with *WinTool* 2014
- ✓ Individual tool import: Ident-No is imported as an NC number if 'T-No=Ident No' is activated in the assigned machine and T-Number = 0.

2.8

- ✓ Compatible with *WinTool* 2013, 2012 and 2011
- ✓ *WinTool* Integration in hyperMILL 2013 with import and export button

2.7

- ✓ Tool style 'Boring Bar' (/HM13) added
- ✓ Drill with steps: Cutting length is imported from cutting depth B4 instead of cutting length B1
- ✓ Chamfered Cutter: Nominal diameter is imported from the set diameter of the measuring point
- ✓ Improved import of pilot drill and radial groove mill

2.6

- ✓ Compatible with *WinTool* 2012 and hyperMILL 2012
- ✓ Tool geometry is imported as 'free geometry' in order to support special tools
- ✓ Special contours for tool assemblies can be saved in DXF format in the 'Usermodel' folder
- ✓ The parameters 'core diameter' and 'core height' are imported with the end mill, radius mill and woodruff
- ✓ Tool style 'Chamfered profile cutter' (/HM11) is now imported as 'Chamfered cutter', as 'Chamfered profile cutter' is no longer supported by the hyperMILL cycle
- ✓ When importing a tool list, only tool assemblies that appear multiple times on the list are numbered
- ✓ Newest version of WT-ToolExport integrated:
  - ✓ Adjustable search window height
  - ✓ Compatible with *WinTool* 2012

2.5

- ✓ Compatible with *WinTool* 2011, hyperMILL 2010 and hyperMILL 2011
- ✓ Newest version of WT-ToolExport and WT-MakeList integrated
- ✓ Tool style 'Ignore' (/HM00) added
- ✓ Improved error handling

2.4

- ✓ New: *WinTool* 2010 must be open when the Interface is in use
- ✓ Newest version of WT-ToolExport module integrated
- ✓ Interface settings can now be configured using a window
- ✓ Support for T-slot cutters and Chamfered profile cutters
- ✓ Support for Monoblock tools
- ✓ Corrected transfer of horizontal angle for Turning Plate tools (BNJ and FSJ)
- ✓ Support for CAPTO captures
- ✓ Mounting component for a tool assembly is determined automatically
- ✓ Cutting Parameters: Axial feed and Cutting Parameter type (*WinTool* 2010) are transferred
- ✓ Support for hyperMILL coolant via Interface settings
- ✓ New Cutting Parameter import procedure (if the setting **`SelectCutData`** is activated)
- ✓ Improved processing of class configurations and tool contours
- ✓ Expansion of the manual

2.3.1

- ✓ Compatible with *WinTool* 2009 and *WinTool* 2010

2.3

- ✓ Installation of the Interface using a setup program
- ✓ Support for tap tools and 2-step drills
- ✓ Correction for side mill and deburring mill
- ✓ Automatic query if there is no hyperMILL tool style assignment
- ✓ Expansion of the manual

2.2

- ✓ Correction for drill points for drills and tap drills
- ✓ Expanded support for mounts and extension geometries
- ✓ Expanded syntax testing for tool data
- ✓ WT-hyperMILL-Interface.cfg: Standard value is now **`SelectCutData = false`**

2.1

- ✓ Tools, tool lists and components are saved in order
- ✓ Display of Cutting Parameter window during export
- ✓ Expansion of Cutting Parameters with additional values
- ✓ Expanded syntax testing for Cutting Parameters and Tool data
- ✓ Expanded validation for tool geometry data
- ✓ Change of the XML format to Unicode to support special characters

2.0

- ✓ Completely newly developed Interface