WinTool Interface for Mastercam

Version 3.8 for Mastercam 2018, 2019 and 2020

Changes

3.8.1

- Improved Tool Name / Assembly Name settings handling (see manual page 13)

3.8

- Compatible with Mastercam 2018 / 2019 / 2020
- Improved upper taper angle to use angle (E1)
- Improved chamfered end mill diameter for outlines 02-11 and 02-22
- Improved thread mill with metric thread form using "unified national" for inch
- Improved cutting length calculation for pilot drill
- Implemented indexed thread mills for outline 14-09 and 02-16
- Changed licensing to CodeMeter

3.7

- Compatible with Mastercam 2018 / 2019
- Added Tool name / Assembly name functionality
- Added optional Lathe Tools functionality (only Mastercam 2018)

3.6

- Compatible with Mastercam 2018
- Possibility to install the Interface for MC 2017 along with the Interface for MC 2018

3.5

Mastercam 2017

- Corrected Mastercam error when tool assembly contour contains invalid geometries
- Face mill: Corrected error "Tip angle/tool diameter don't intersect"
- Settings: Added customizable mapping of WinTool to Mastercam coolant types
- Importing coolant from cutting condition instead of tool assembly
- Settings: Added switch to enable import of "Rough Step %" values
- Adjusted import of cutting condition name into Mastercam tool database

Mastercam 2017 and X9

- Changed tool name to format "Tool.IdentNo Tool.Description" for post processors

3.4

- Compatible with Mastercam 2017
- Supporting new Mastercam 2017 tool type "High Feed Mill"
- Corrected holder length (parameter 20007:13) in NCI output

3.3

- Compatible with *WinTool* 2011-2015
- Compatible with Mastercam X9
- Supporting new X9 features:
  - "Thread mill" tool type import

- Importing arc segments to holder profile
- Importing neck/shank parameters to end mill tool types

- Improved tool shape import

- Adjusted "Slot Mill" and "Dove Mill" import

- Corrected helix type import

- Adjusted tool type names and tool type order in selection window

- Changed tool name and tool description import

- Importing diameter to cut parameters "Min/Max Diameter" in Mastercam tool library

3.2

- Compatible with Mastercam X8

- Mastercam X8: Importing tool assembly coolant type

- Corrected import of chamfered mill with mask "04-09"

- Corrected "Mastercam is missing" error during uninstallation of X7 interface

- Changed default installation path in X7 setup to allow simultaneous installations of X7 and X8 interface

3.1

- Compatible with Mastercam X7 SP1, SP2, MU1, MU2

- Compatible with *WinTool* 2011-2014

- Separated application and user data

- Corrected transfer of diameter and length offset numbers greater than 32767

- Included newest version of WT-MakeList (see detailed changes in WT-MakeList manual)

- Included newest version of WT-ToolExport:
  - Saving selection state of "preferred only" filter
  - Improved readability with high DPI settings
  - Compatible with WinTool 2014

- Single tool assembly import: Transferring ident-no for t-no if "T-No=Ident No" is activated in the machine type

- Tool assembly head # fixed to -1

3.0.1

- Included newest version of WT-MakeList due to issue with SQL Server

3.0

- Compatible with *WinTool* 2013, 2012 and 2011

- Support for Mastercam X7 and new Mastercam tool database format
  - Tools are imported as Mastercam tool assembly for improved simulation and collision check
  - All cutting conditions for work materials are imported with tools

- Corrected import of D and H no. of tool list tools

- Corrected import of T-No. if a tool assembly is more than once in a tool list

- Corrected import of shoulder angle of center drill (/MC1)

- Corrected import of chamfer mill (/MC12)

- Included newest version of WT-MakeList (see detailed changes in WT-MakeList manual)

- Total operation time of used tool assemblies are saved in *WinTool* tool list

2.7

- Compatible with *WinTool* 2012
- Added support for ring groove mill
- Corrected import of drills with tip angle = 0
- Included newest version of WT-ToolExport:
  - Resizable search windows
  - Compatible with *WinTool* 2012

2.6

- Better process to update tools with same T-Nr. in Tool Manager and Operations Manager
- Support for *WinTool* 2011 and Mastercam X6 32/64 Bit
- Included newest versions of WT-ToolExport and WT-MakeList module
- WT-ToolExport: Start-up time with large databases is quicker
- Added tool type "Ignore" (/MC00) for tool assemblies that must be ignored on transfer
- Improved error handling

2.5

- Added new WT-ToolExport module
- Added WT-Mastercam-Interface configuration window
- Minor update of cutting condition selection window
- Fixed issue with installer

2.4

- Support of Mastercam X5 and X4 (updated)
- Cutting condition selection window during tool import
- Pre-selection of cutting conditions after import of first tool
- Mastercam tool type mapping can be done during transfer if missing
- Transferring tool holder description to field "chuck"
- Outer Dia for MC13 is transferred correctly
- WT-MakeList 3.7 with better selection method of Material and O-Number
- Improved error messages
- Updated transfer file
- Updated manual
- 30 day trial license options
- *WinTool* Professional must be started when using the WT-Mastercam-Interface

2.3 - 3rd Release

- Support for *WinTool* 2009 and *WinTool* 2010
  (updated ToolExport and MakeList)

2.3 - 2nd Release

- Support for Mastercam X4

2.3

- Manual completely reworked
- Cutting conditions no longer negative, direction corrected
- ae, ap values supported

- Tool number management and messages optimized
- Level numbers for tool contours >100'000'000
- Update to WT-Mastercam-Interface 2.3.2.5721
- Mastercam contour display always correct now
- Better support of custom cutter DXF
- Mastercam values exported to WT-MakeList window
- Support for Mastercam X3

2.2

- First Release for Mastercam X2