



Resolved CPRs

CAMWorks 2022 SP1

* Please refer to 'What's New' PDF document for details regarding enhancements in CAMWorks 2022.

Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CW-113051	CSR-19126	Post	There seems to be a limit on the number of operations it can post process. CAMWorks is unable to post indexing angles in NC code for Mill parts with numerous operations (200 plus) machined on Multiaxis Mill machines.
2.	CW-113044	CSR-19112	Tool	In Polish language version of CAMWorks, when Barrel tools are assigned to any Mill operation, CAMWorks crashes.
3.	CW-113026	CSR-19103	Toolpath	For the specific Mill part, the Rough Mill toolpath ends up gouging island features.
4.	CW-113011	CSR-19077	TechDB	In the specific customized TechDB, the Save, Copy and Delete buttons available within the Default Operation Parameters user interface for Mill mode remain disabled even after parameters are modified.
5.	CW-113010	CSR-19063	TechDB	In the specific customized TechDB, within the 'Features and Operations' user interface, user is unable to delete any newly defined strategies.
6.	CW-112890	CSR-18971	Rebuild	For the specific part, when the Fixture Coordinate System defined using SOLIDWORKS Coordinate System is changed, then CAMWorks does not display the Rebuild prompt warning message.
7.	CW-112887	CSR-18952	Rebuild	When the Fixture Coordinate System is changed for a part machined on a 5 Axis Mill machine, then after Rebuild, it does not correctly update the indexing angle of the Mill Part Setup until you manually edit the Setup and reselect the Fixture Coordinate System under Axis tab.
8.	CW-112875	CSR-18953	TechDB	Within the TechDB App, no data is displayed for Multiaxis Mill operations within the Mill>>Default Operation Parameters user interface.
9.	CW-112835	CSR-18872	Post	If an Assembly includes an Assembly Feature, then upon Post Processing with APT output, no NC code will be generated for the Assembly Feature and any subsequent mill operations.
10.	CW-112806	CSR-18839	UI	For Contour Mill Operations, under the NC tab of their Operation Parameters UI, the text displayed in all the group boxes is out of order for Non-English languages.



Sr. No.	CPR Number	Help Desk ID	Area	Description
11.	CW-112773	CSR-18785	Post	For Mill-Turn parts, when the circular pattern is selected for a wrap feature and if the first instance is skipped, then the post code generated displays incorrect rotary angle for the remaining instances.
12.	CW-112701	CSR-18544	Post	Add a header command SET_FIRST_Z_POS_ON_MILL_TC to set ABS_Z_END at the start of the operation after the tool change.
13.	CW-112676	CSR-18543	Post	For the wrap feature toolpath, the output of post variable ABS_Z_END is zero at the start of the operation.
14.	CW-112655	CSR-10384	Toolpath	For the specific Mill part, the Contour Mill toolpath ends up gouging the part due to failure to generate retract move when moving from one group feature to another. This happens when 'Use skim plane' is made active for 'Retract between feature' under NC tab for Contour Mill.
15.	CW-112568	CSR-18663	Rebuild	When the specific part is opened and its toolpath are generated without rebuilding the CAMWorks data, a new feature is generated without replacing the old feature and no Rebuild Error message is displayed.
16.	CW-112564	CSR-18672	Stock	The Stock Manager with Multibody parts is wrong. The Stock Material are not based on all Parts. Was working OK with CW 2020.
17.	CW-112561	CSR-18675	Post	Incorrect 5 axis rapid move line in posted code in CW2021Plus with patterned feature.
18.	CW-112550	CSR-18645	TechDB	Users can define new Turn Feature conditions based on feature diameter in the TechDB and then proceed to select their TechDB IDs when selecting machining strategies for machining turn features. However, if the diameter of the feature is lesser than the lower range of the diameter defined for the Feature Condition, then the operations generated are incorrect.
19.	CW-112302	CSR-18585	Toolpath	For the specific Mill part, the Bottom Finish Contour Mill toolpath is not generated correctly for Irregular Pocket feature.
20.	CW-112162	CSR-18551	Post	Output of the Post variable OPR_Z_FEED is incorrect at the start of all 3 Axis Mill operations.
21.	CW-112090	CSR-18483	Features	Two MS Hole features on the specific part having identical geometry are recognized from opposite Mill Part Setups
22.	CW-112039	CSR-18239	Help	On page 44 of the CAMWorks Installation, the text mentions that "ARPSYSTEMCOMPONENT=0" needs to be included to enable listing of CAMWorks in Add/Remove programs of Control Panel. This text needs to be removed as it is not applicable.



Sr. No.	CPR Number	Help Desk ID	Area	Description
23.	CW-112014	CSR-18426	Toolpath	When the 3 Axis Toolpath generation engine is set to Previous Method, it is observed that the Tapered Shank End Mill of Z Axis toolpath ends up gouging the specific part.
24.	CW-112011	Beta 60096	TechDB	For part in Inch Mode with a Thread Designation in Metric units, it is observed that the Metric units taps are converted and displayed correctly within the application but the corresponding entries for the tool within the TechDB fails to convert these Metric units to Inches units.
25.	CW-111998	CSR-18407	Post	If part is not aligned parallel to the SW plane, then output for post variables STOCK_LENGTH, STOCK_WIDTH & STOCK_HEIGHT is not correct.
26.	CW-111963	CSR-18345	Post	Wrong NC output for pattern features in Assembly mode of CW2021Plus SP2 and CW2022 versions.
27.	CW-111950	CSR-18269	Turn	For specific Turn part, the Groove Rough and Groove Finish toolpath does not generate properly with a user defined tool insert.
28.	CW-111720	CSR-18196	License	On some computers, when the license manager is started in Admin mode, the license information is not written to HKCU and Solids and CW's will fail to find a license.
29.	CW-111565	CSR-17989	Toolpath	The Z level toolpath with corners round parameter is showing the overcut at the corner in simulation in the advanced method. OK with either the toolpath in the previous method engine or with a sharp corner in advanced.
30.	CW-111510	CSR-18055	TechDB	When starting CAMWorks using the SQL database, if Access is installed on the computer, CAMWorks will issue a warning message about using CAMWorks.
31.	CW-111476	CSR-18002	License	On some computers, when the license manager is started in Admin mode, the license information is not written to HKCU and Solids and CW's will fail to find a license.
32.	CW-111429	CSR-17984	Feed Speed	If the 64-bit Feed/Speed database "MicroEstimatingMaterials.meb" is relocated from its default location of 'C:\CAMWorksData\MATLIBx64', then CAMWorks fails to find the Feed/Speed library and displays a message indicating the same.
33.	CW-111021	CSR-17892	Assembly	In Mill assembly, for linked setups, if work co-ordinate is set for one then it does not set that for all other linked setups.
34.	CW-111008	CSR-17794	License	On some computers, when the license manager is started in Admin mode, the license information is not written to HKCU and Solids and CW's will fail to find a license.



Sr. No.	CPR Number	Help Desk ID	Area	Description
35.	CW-110947	CSR-17580, CSR-18138	Simulation	The Contour Mill toolpath simulation with toolpath center without compensation is showing overcut in simulation result considering the target part. This happens when the toolpath is simulating by Shift + Simulate.
36.	CW-110890	CSR-17758	Toolpath	Incorrect Contour Mill toolpaths (Gouging) after selecting Fixtures when the climb cut method is applied. Working without the collision to the fixtures when the cut method is conventional.
37.	CW-110858	CSR-17779	TechDB	In TechDB, under Advance tab of 3 Axis Mill operations, the 'None' option is not available for Automatic Contain Area.
38.	CW-110535	CSR-17577	Help	The License Activation Guide of CAMWorks needs to be updated to indicate that generation of a License Request file can be done via Remote Access and that physical access to the system is not compulsory.
39.	CW-110490	CSR-17553	Toolpath	A negative leadin/leadout overlap on a curve feature will produce an incorrect toolpath.
40.	CW-110091	CSR-17427	Simulation	The simulation doesn't match the toolpath at the part contains the 2.5 axis toolpath. When simulating from the beginning it gouges the part, if you do shift simulate it does not.
41.	CW-109867	CSR-16854, CSR-17441	Post	In the attached multi turret part, when canned cycle is used for lathe drill operations then some of the operations are not posted.
42.	CW-109567	CSR-17059	TechDB	Problem with Tapping Tools comments. When changing the Tool comment of the Tapping Tool and save. While opening the part the tool comment is changed and it retains the old comments.
43.	CW-109526	CSR-17040	Assembly	If adding a second part to the part manager in Assembly mode, after the first part is machined, does not allow menu commands to be active on the Feature Manager.
44.	CW-109236	CSR-16950	Setup	For the specific Mill part machined on a Multiaxis machine, an "Out of limits" warning message is displayed for one of the Mill Part Setups though no selectable angle pair is available in the Indexing tab.
45.	CW-109186	CSR-16906	TechDB	When user saves different Thread Conditions in the TechDB by executing the 'Save Operation Plan' command and using a copy of an existing Thread Condition, then the desired outcome is not achieved. The intended copies are emptied of Thread condition data and the original Thread Condition (from which copies were created) gets over-written.



Sr. No.	CPR Number	Help Desk ID	Area	Description
46.	CW-108547	CSR-16736	Setup	For the specific Mill part being programmed, when user interactively inserts an operation, the operations get listed under the wrong split Mill Part Setup.
47.	CW-108318	CSR-16573	UIF	Isometric view generated with respect to a Mill Part Setup is not correct and does not provide correct orientation of part/stock on the machine.
48.	CW-108260	CSR-16591	Feature	For corner slot features, the segment radius of the Open Air Edge rather than that of the Vertical wall is considered as the Finish Radius resulting in incorrect tool selection on executing the 'Generate Operation Plan' command.
49.	CW-107935	CSR-16424	Toolpath	For a group of Circular Pocket features, if a Chamfer Machining Contour Mill operation with an Avoid Area defined to skip one of the circular pockets is generated, then it is observed that CAMWorks generates an incorrect toolpath for this operation.
50.	CW-107774	CSR-16348	Simulation	For the specific assembly, after simulating the toolpath, when the 'Compare' command is executed, CAMWorks crashes.
51.	CW-107705	CSR-16372	Setup	For the specific assembly programmed to be machined on a 5-Axis Mill machine, when operations and toolpaths are generated for its slot feature, it is observed that the Y axis direction of the Coordinate system is incorrect, resulting in incorrect orientation.
52.	CW-107527	CSR-16290, CSR-16302	Stock	For the specific Mill part, the dimensions of the Bounding Box Stock doesn't get updated.
53.	CW-107000	CSR-16088	Toolpath	For Contour Mill toolpaths, if the Mirror Toolpath option is executed and the 'Keep Original' option is unchecked, it is observed that the mirrored toolpath shifts towards the original feature area rather than adhering to the Mirror Line.
54.	CW-106409	-----	Toolpath	For the Contour Mill operation generated for the Circular Pocket feature of specific mill part, in its Contour tab, when the Depth parameter is set to 'Equal' and the Ramp value is set to 'Angle', then toolpath fails to generate.
55.	CW-106003	CSR-15616	Mill-Turn	The Sub spindle fixture is not displayed in the correct location for Sub Spindle operations.
56.	CW-105992	CSR-15608	Simulation	For Mill-Turn parts with Probing operations, none of the Turn operations in the Turn Setup listed after the Probe Setup get simulated.



Sr. No.	CPR Number	Help Desk ID	Area	Description
57.	CW-105436	CSR-15415	System	For any part being programmed using CAMWorks, if the tool crib contains too many tools and the user attempts to delete multiple tools from the tool crib, then CAMWorks takes an excessive amount of time to delete the selected tools.
58.	CW-105320	CSR-15307	VoluMill	For a VoluMill Roughing operation, when user executes the 'Save Operation Plan' command to save the Machining strategy to TechDB, it is observed that TechDB fails to save the user assigned VoluMill Ramp angle parametric value. Instead, the default value is retained.
59.	CW-105043	CSR-11142	Toolpath	For toolpaths that have CNC Compensation set to True and the Toolpath Offset set to False, if the leadin is an arc with a tangent line, then the uncompensated toolpath should be created such that the resultant moves too maintains tangency.
60.	CW-104492	CSR-14992	Turn	In Turn mode, two consecutive Groove operations share the same tool and have Approach/Retract set to 'Auto'. The retract point of the first operation serves as the beginning of the second toolpath. However, when tool assigned to the second operation is changed, then Retract point of previous operation is not updated though 'Auto' option is enabled.
61.	CW-103348	CSR-14312	Toolpath	Continuous B Axis Turning toolpaths are not generated for Face Finish operations.
62.	CW-102437	CSR-13963	Toolpath	For specific assembly comprising nested parts, if some of Contour Mill operations are combined into a single operation and the 'Optimize between groups' option is selected under 'Optimization' tab, then the resultant toolpath shifts away from the part.
63.	CW-101844	CSR-13815	Simulation	For Mill parts, if some of Contour Mill operations generated for Rectangular Boss Features are combined into a single operation and "Last closest" from Start point option under Optimize tab is unchecked, then during simulation, erroneous toolpath moves are observed for the boss features.
64.	CW-101841	CSR-13063	Simulation	Legacy Machine Simulation doesn't work correctly when the only CAMWorks license module active is the 4 Axis Mill license and the Rotary and Tilt angles are output automatically with 'Override' option is disabled.



Sr. No.	CPR Number	Help Desk ID	Area	Description
65.	CW-100226	CSR-13227	UIF	For Probe operations, in the UI section of 'Update the WCS', if the 'Use Setup Definition' is disabled, then the option to define the WCS using Fixture, Work Coordinate, and Work and Sub Coordinate becomes active with Fixture being the default. However, this option doesn't become active unless user toggles to one of the other two options and reverts to this option. It affects post processed code in case user doesn't intervene as mentioned.
66.	CW-99899	CSR-13100	System	When CAMWorks is loaded as an Add-In in the SOLIDWORKS environment where a specific Assembly file containing CAM data is already loaded, it causes SOLIDWORKS to crash.
67.	CW-99733	CSR-13063	Toolpath	For the specific Mill part, an incorrect Contour Chamfer Mill toolpath is generated for a group hole feature that has an Avoid Area defined using a sketch not aligned with the Z axis of the Mill Part Setup.
68.	CW-99279	CSR-12932	Toolpath	For Mill part with an irregular pocket feature of specific geometry, the Feature Finish Radius computed for the Roughing and Finishing toolpaths is incorrect as CAMWorks is incorrectly based on the Convex arc of the feature rather than its concave arc.
69.	CW-98964	CSR-12822	UIF	When user uses the 'Go To' command available in the CAMWorks NC Manager to searching for a specific operation and edit it, the UI doesn't allow the user to edit the operation unless the Search window is closed. However, the UI jumps back to the CAMWorks NC Manager item the moment the window is closed, thereby negating the whole purpose of the 'Go To' command.
70.	CW-98790	CSR-12699	Feeds & Speeds	For Mill parts, when Feed/Speed parameter is defined by tool, if the XY RPM is higher than Max RPM, then it must get auto reassigned to the Max RPM value. This behavior is not observed for the specific Mill part resulting in user having to manually change it for every operation.
71.	CW-98768	CSR-12719	Toolpath	For the specific Mill part, the tool used for the Rough Mill operation executes a full diameter cut during machining resulting in damage to the tool or machine.
72.	CW-98352	CSR-12460	UI	When Display tool tip option is enabled in CAMWorks, the value displayed in the tool tip for Lead In feed under F/S tab for a Multiaxis Mill operation doesn't match the actual Lead In feed parametric value.
73.	CW-98315	CSR-10075	TechDB	When using the customized TechDB, in the Mill Tool Select Filter UI of CAMWorks, the Holder designation description is incorrectly displaying 'Null' value when attempting to add a Tool Assembly from the TechDB library.



Sr. No.	CPR Number	Help Desk ID	Area	Description
74.	CW-98002	CSR-12220	Assembly	When an Assemble Face feature is defined for an assembly with a common stock, then after the Rebuild command is executed, the Face feature gets limited to a single part instance rather than covering the common stock.
75.	CW-97587	CSR-11941	Rebuild	Once the Rebuild command is executed for the specific Mill part (for which a Fixture Coordinate System was defined using as Stock Vortex) and the Mill machine select is changed, it is observed that toolpaths shift away from the feature.
76.	CW-96373	CSR-11372	UIF	For Mill parts, when the Coordinate system is modified and toolpaths are regenerated, the checkbox option for Fixture Coordinate System parameter under Axis tab of the Mill Part Setup disappears for the second Mill Part Setup in the Operation tree.
77.	CW-95196	CSR-10959	Feature	If the stock is a sheet metal part and the Feature Recognition method is set to 'MfgView' and the Max hole diameter is set to a small value, then circular shapes are not recognized as Circular Pockets on executing the 'Extract Machinable Features' command.
78.	CW-92540	CSR-10460	Feature	For any Mill part with a Perimeter- Open Pocket feature, if the default End Condition value is changed to any other value less than the part depth, then it is observed that CAMWorks fails to retain the newly saved value.
79.	CW-86451	CSR-8491	Post	For the specific Turn part, the correct NC code is not output for the start point for front turret for Pinch turning Rough Canned Cycle operation.
80.	CWR-2003	CSR-18886	Toolpath	For the specific Mill part, the Adaptive Area Clearance toolpaths doesn't get generated when the Toolpath Generation Engine is set to 'Advanced Method'.
81.	CWR-1993	CSR-18290	Toolpath	Pencil Mill toolpaths created in CAMWorks 2020 with the Previous Engine will not generate in CAMWorks 2021 or later with the Advanced engine.
82.	CWR-1988	CSR-18189	Toolpath	The Z Level Helical Issue is found at the Z level toolpath. Here at the toolpath, the last two lines are being made as normal Z level and not Helical.
83.	CWR-1982	CSR-17926	Operation	Slope Angle is not observed for the Radial pattern.
84.	CWR-1980	CSR-17716	Toolpath	The number of line move deviation point at the horizontal lead in/out move is not increase considering the mech. deviation value in an advanced method. By the same parameter the line points are increase with previous engine.



CAMWorks 2022 SP0

* Please refer to 'What's New' PDF document for details regarding enhancements in CAMWorks 2022.

Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CW-111624	CSR-18140	Machine Simulation	In CAMWorks Virtual Machine, incorrect tool shape is displayed if the shank type is set to Neck.
2.	CW-111615	CSR-18139	Operation	For the specific part, when edit definition is performed on Face Rough operation, then it is observed that the display of the Turn Holder is incorrect.
3.	CW-111605	CSR-18120	Post	Incorrect value is output for the retract plane of a drill operation generated for a linear pattern of hole features which are at different planes.
4.	CW-111595	CSR-18071	Post	In Mill-Turn mode, when the toolpath for a pattern of features is posted where the first instance is suppressed then, the posted NC code will include the co-ordinates of the suppressed instance. As the feature instance is suppressed then, the co-ordinates of the suppressed instance should not be post processed.
5.	CW-111521	CSR-18083	Post	Incorrect values are observed in a posted output for Multi axis mill operation generated on patterned multi surface feature.
6.	CW-111514	CSR-17920	API	Add API declarations for CWMillMachine.
7.	CW-111389	CSR-17973	Operation	With the customized TechDB, a crash of CAMWorks is observed when the user does Save Operation Plan on the features machined in the specific part.
8.	CW-111074 CW-110718	CSR-17888 CSR-17727	API	Add an API to set the option of selecting 'Fixture Coordinate system' under X machining direction in the Mill Part setup parameters.
9.	CW-111004	CSR-17852	Post	In Assembly mode, when output subroutines are set to On then, extra sub programs are posted which is not required.
10.	CW-110983	CSR-17654	TechDB	A crash of CAMWorks is seen while opening any part or assembly in inch mode with the specific TechDB.
11.	CW-110960	CSR-17808	Rebuild	For the specific assembly file, a crash of CAMWorks is seen when rebuild is performed in the existing CAM data.
12.	CW-110945	CSR-17796	Rebuild	For the specific assembly file, a crash in CAMWorks is seen upon performing Rebuild after changing the end condition of multi stepped holes from Through to Blind.



Sr. No.	CPR Number	Help Desk ID	Area	Description
13.	CW-110754	CSR-17163	Machine Simulation	Add a new header command "USE_COMBINATION_ID_AS_NAME_WHEN_AVAILABLE" to pass the combination id as the tool name to CAMWorks virtual machine.
14.	CW-110639	CSR-17686 CSR-17699 CSR-17836 CSR-17615	UIF	When the 3 axis Mill toolpaths are regenerated then, the process manager dialog box does not close automatically.
15.	CW-110607	CSR-17669	Operation	In 3 axis operations, when the option of "Convert to 5 axis" is selected then, the commands of step through, simulation and posting in the CAMWorks command manager get disabled.
16.	CW-110600	CSR-17620	Feature	For the specific part, when a face feature is created using a sketch then, it is flipped by 180 degrees rendering the feature unusable.
17.	CW-110558	CSR-17594	TechDB	In TechDB, the user set option for "Use Feed/Speed library for mill" doesn't affect the Face mill operations.
18.	CW-110487	CSR-17549	Operation	In Contour Mill operations on combined features, the leadin and lead outs are not same on all features even though the option of apply leadin/outs to all is set to True.
19.	CW-110359 CW-99329	CSR-17511 CSR-12948	Feature	The part edges identified for chamfering through the option of "Auto select edge for chamfering" should consider the part setup direction so that the toolpath doesn't gouge the target part.
20.	CW-110352	CSR-16946	TechDB	In Polish language version of CAMWorks, when the user defined holder namely "Użytkownika" is saved in TechDB, then the string is replaced with "Uzytkownika" ignoring the second letter ("ż").
21.	CW-110259	CSR-17488	Toolpath	For the specific part, the toolpath generated for Rough Mill operation with pattern type set to offset roughing, ignores the user defined avoid area.
22.	CW-110065	CSR-17399 CSR-17369	Post	When a newly compiled post processor is used to post the Mill toolpath then, the values output for arc moves are incorrect. Instead of outputting the incremental values, the post processor posts the absolute values.
23.	CW-110047	CSR-17364	UIF	When the 3 Axis toolpath generation method is set to Advanced then, then on the rest tab of the operation parameters the controls within the "Boundaries" group box should be disabled if the Rest method is not set to 'Previous Tool'.
24.	CW-110036	CSR-17345	Toolpath	For the customer specific part, a crash of CAMWorks is seen upon generating the toolpaths.



Sr. No.	CPR Number	Help Desk ID	Area	Description
25.	CW-110002	CSR-17315	Post	Add new variables in Universal Post Generator to output values for "CANNED_CYCLE_FIRST_CUT" and "CANNED_CYCLE_FINAL_CUT" for turn rough operations.
26.	CW-109994	CSR-17314	Post	If the post operation is positioned at the end of the operation tree, then upon post processing the codes of the last post operation are incorrectly output.
27.	CW-109975	CSR-17152	Machine Simulation	Update the machinedef.exe file of the CAMWorks Virtual Machine simulation to support the multi turret machines.
28.	CW-109859	CSR-17205	Post	Add a new post variable 'RUNNING_VERSION' that identifies the version and service pack of the CAMWorks that is running.
29.	CW-109830	CSR-17176	Feed & Speed	In Feed and Speed library, for face mill operation parameters the label of "Depth of Cut" should be "Radial depth of cut".
30.	CW-109825	CSR-17154	Help	In Universal Post Generator help file, a note stating that 'OPR_Z_RAPID_PLANE' variable should not be used for Multiaxis operations needs to be added.
31.	CW-109753	CSR-16973	Feed & Speed	In CAMWorks Feed and Speed library, if more than one material is imported at the same time then, the data gets corrupted.
32.	CW-109734	CSR-17154	UIF	In a Multi Axis operation, when the Clearance Plane is defined from a selected point, the UI does not get updated and incorrect value gets posted in the G code.
33.	CW-109651	CSR-17082	Post	Incorrect tool numbers are observed in posted output for toolpaths using tools from same station but belonging to different sub stations.
34.	CW-109572	CSR-17053	Feed & Speed	In the Feed and Speed library, on the bottom left of the Feed and Speed table a handle is observed, when dragged allows to have multiple copies of the table visible which is confusing to the user.
35.	CW-109571	CSR-17053	Feed & Speed	Remove the unwanted entities from the user interface of CAMWorks feed and speed library which create duplicate columns in the table.
36.	CW-109570	CSR-17053	Feed & Speed	In the CAMWorks Feed and Speed library, when any row is copied and saved then no notification is displayed regarding the changes.
37.	CW-109442	CSR-16917	Feature	A crash of CAMWorks is seen while interactively inserting a hole feature in an assembly file using SOLIDWORKS 2021 SP3.
38.	CW-109336	CSR-16962	Toolpath	For the specific part, incorrect toolpath is generated for Contour Mill operation machining a slot feature having an island with chamfer on the top face.



Sr. No.	CPR Number	Help Desk ID	Area	Description
39.	CW-109301	CSR-16983	Translation	In Chinese Language version of CAMWorks, the labels in the VoluMill Settings dialog box are incorrectly translated.
40.	CW-109299 CW-106672	CSR-16979 CSR-15869	Machine Simulation	If a gang tool is used in a Turn or Mill-Turn machine then, the same is incorrectly displayed in CAMWorks Virtual Machine.
41.	CW-109211	CSR-16937	Feature	On a Mill-Turn machine the user is not able to assign spindle attribute to a mill feature created after doing a rebuild.
42.	CW-109209	CSR-16918	Assembly	When specific assembly files saved in earlier version of CAMWorks are opened in CAMWorks 2022 then, upon doing a rebuild, a message is displayed indicating that CAMWorks is unable to recognize features automatically.
43.	CW-109184	CSR-16909	UIF	Under Additional Probe Parameters, the user can't add negative values for tolerance parameters.
44.	CW-109169	CSR-16878	Feature	On Turn machines having dual spindles, when the user edits the dialog for Main spindle co-ordinate system then, the direction of the Sub spindle co-ordinate system gets changed.
45.	CW-109159	CSR-16874	Simulation	User is not able to simulate the toolpaths generated with tools set as non-center cutting as some of the dimensions result in incorrect tool geometry.
46.	CW-109154	CSR-16679	Post	Add a new query command "QUERY_FEATURE_NAME" to post.
47.	CW-109118	CSR-16831	Toolpath	For circular pocket or hole feature, cutter compensation code is not posted for side passes of Contour Mill toolpath when hole center is selected for entry and exit.
48.	CW-109068	CSR-16776 CSR16856	Feature	For the customer specific part, user is not able to insert a new feature interactively as CAMWorks becomes unresponsive.
49.	CW-109042	CSR-16807	Toolpath	For the specific part, the toolpath generated for a Rough Mill operation with pattern type set to Offset roughing does not machine the feature completely.
50.	CW-108823	CSR-16353	System	With new UPG installed on the system, the user gets an error message as the system fails to trace the installed post folder.
51.	CW-108524	CSR-16720	Toolpath	For the specific part, the toolpath for a Rough Mill operation with pattern type set to Volumill gouges the feature as the location of the entry hole is incorrect.
52.	CW-108488	CSR-16718	Toolpath	For the specific part with stock set by using a STL file, the rapid plane, clearance plane and Z start depths of 3 axis toolpath are incorrect.



Sr. No.	CPR Number	Help Desk ID	Area	Description
53.	CW-108286 CW-108128	CSR-16609 CSR-17124 CSR-16513 CSR-17077	Feature	With SOLIDWORKS 2021 SP3 a crash of CAMWorks is seen whenever the user does rebuild on the existing CAM data.
54.	CW-108242	CSR-16578	Toolpath	For the specific part, an extra pass gets generated when the existing toolpath of Contour Mill operation is regenerated.
55.	CW-108237	CSR-16549	Post	If canned cycle is used for Turn threading operation, then incorrect values of X and Z start points are posted in the G code.
56.	CW-108069	CSR-16371	Feed & Speed	In Feed and Speed library, when 'Delete Tool Material' is selected then, 'Add Tool Material' dialog box is launched instead of delete tool material dialog box.
57.	CW-108056	CSR-16371	Feed & Speed	In the German version of Material library, the string ASTM number is incorrectly translated.
58.	CW-107814 CW-107813	CSR-16371	Feed & Speed	In the 64-bit Feed and Speed library, the delete tool command invokes the dialog for Add new material.
59.	CW-107811	CSR-16362	Toolpath	For the specific part, the toolpath for a curve project operation cannot be generated
60.	CW-107771	CSR-16408	Operation	When the toolpath of a Rough Mill operation with pattern type set to Volumill and entry method set to Entry drill is mirrored then, the position of the entry drill is not mirrored accordingly.
61.	CW-107491	CSR-16239	Toolpath	When the 3 Axis toolpath generation method is set to Advanced then, for the specific part the user is unable to generate toolpath for Z level operation.
62.	CW-107378	CSR-16204	Assembly	For the specific assembly the user defined FCS from a sketch point is not retained upon closing and reopening the assembly.
63.	CW-106941	CSR-16018	TechDB	In TechDB, the Mill-Turn tool crib for Turn assembly tools allows to select Mill holder. It should not be active when Turn insert-holder combination is selected.
64.	CW-106938	CSR-16003	Simulation	For the specific part setting low variable allowances in Turn operations results in incorrect display of simulation and the part appears to be overcut.
65.	CW-106933	CSR-106933	Operation	In Turn operations the user defined values of Z end in the Turn operation setup are not applied unless the user edits the operations and generates the toolpath again.
66.	CW-106809	CSR-10781	Toolpath	For the specific part, some of the user defined values for corner rounding are not applied to the Contour Mill toolpath and this results in incorrect toolpath.



Sr. No.	CPR Number	Help Desk ID	Area	Description
67.	CW-106672	CSR-15869	Machine Simulation	In CAMWorks Virtual Machine, the gang tools set in a Mill-Turn tool crib are incorrectly positioned.
68.	CW-106354	CSR-15800	License	Modify the dongle Key Manager program to be able to view COD file so that the resellers can verify the modules included in the COD file.
69.	CW-106258	CSR-15751	Operation	Upon doing a rebuild on a Mill part, the dimensions of the Face feature are not updated and because of this the corresponding operations of the feature are not updated.
70.	CW-106042	CSR-15568	Simulation	When Wire EDM is added as an active add-in along with the CAMWorks add-in then, while simulating the mill toolpaths the flute length of the tool is not displayed.
71.	CW-105995	CSR-15606	Toolpath	For the specific assembly, the orientation of the Mill part setup gets changed to an incorrect direction when the corresponding feature setup is edited.
72.	CW-105399	CSR-15264	Toolpath	For the specific assembly file, the toolpath generated for Contour Mill operation with toolpath center set to with compensation on a curve feature doesn't generate any cut moves.
73.	CW-105348	CSR-15297	Simulation	Incorrect results are seen when a Contour Mill toolpath with toolpath center set to without compensation is simulated.
74.	CW-105184	CSR-15220	Feed & Speed	In CAMWorks Feeds and Speeds library, the resized dialogs are not retained upon restarting the application.
75.	CW-105104	CSR-15186	Operation	User should not be able to select STL files to define the user defined Mill holder.
76.	CW-104634	CSR-15045	Operation	The time taken to open the "Operation Parameter" dialog box is significantly more when the tool crib contains more number tools even though they are not assigned to any operation.
77.	CW-104621	CSR-15004	Toolpath	For the specific part, the turn toolpaths display an incorrect warning message saying that the toolpath is not computed because of a collision.
78.	CW-104154	CSR-14796	Toolpath	The toolpath of a Rough mill operation with pattern type set to Volumill doesn't consider the multiple avoid areas defined using a single sketch and instead considers only a single closed contour.
79.	CW-103903	CSR-14710	Rebuild	For an Assembly file, when the Fixture Coordinate System is defined using the part vertex and when the part is shifted by changing the distance, it is observed that the Fixture Coordinate System does not get updated with respect to part.



Sr. No.	CPR Number	Help Desk ID	Area	Description
80.	CW-102460	CSR-14072	TechDB	The value set for the spiral ramp angle of a Volumill toolpath is not written to corresponding TechDB field when Save Operation Plan is done on the feature in CAMWorks.
81.	CW-102394 CW-99329 CW-94636	CSR-14049 CSR-12948	Feature	In some specific parts, the time taken to identify curve features for chamfering is significantly high and, unwanted edges are selected as curve features.
82.	CW-102325	CSR-13957	Toolpath	For the specific assembly, the toolpath for Rough Mill operation ignores the defined fixtures and collides with the fixture bodies.
83.	CW-100896	CSR-13390	Operation	When Mill Part setup is manually inserted then, it does not calculate correct rotary and tilt axis under indexing tab of mill part setup if machine is saved with predefined rotary or tilt direction in TechDB.
84.	CW-100891	CSR-13308	Feeds & Speed	In Feed and Speeds library the "Axial depth of cut" option remains disabled unless dialog is refreshed toggling with another operation type.
85.	CW-99223	CSR-12909	Simulation	For the specific part, the stock defined using an extruded sketch is not being set correctly in simulation.
86.	CW-99164	CSR-12871	Toolpath	For the specific part, the toolpath is not generated for Face mill operation.
87.	CW-98683	CSR-12602	UIF	The tool description in the operation name when using a user defined tool is incorrect.
88.	CW-97991	CSR-12174	Toolpath	For the specific part, incorrect toolpath is generated for a Turn Rough operation.
89.	CW-97821	CSR-12111 CSR-12637	Simulation	For the specific assemblies, in simulation the tool makes unwanted moves in space which are not present in the toolpath generated for the features.
90.	CW-95796	CSR-11240	Toolpath	For the specific assembly, the toolpath for rough mill operation with pattern type set to Offset roughing gouges the parts defined as fixtures.
91.	CW-95792	CSR-11157	Feature	For the specific assembly, incorrect depth of the perimeter feature is calculated when the features are recognized through Extract Machinable Feature command.
92.	CW-93545	CSR-10653 CSR-10891 CSR-16504	UIF	The CAMWorks command manager toolbar of Additive Manufacturing gets activated upon restarting CAMWorks even when the user disables it.
93.	CW-92580	CSR-17795	Machine Simulation	The letters used to define the path of CAMWorks virtual machine should not be case sensitive.



Sr. No.	CPR Number	Help Desk ID	Area	Description
94.	CW-88314	CSR-9682	Toolpath	For the specific part, incomplete toolpath is generated for the Rough Mill operation on an open pocket feature having islands.
95.	CW-85059	CSR-7534	Feature	For the specific assembly, the depth of the part perimeter feature becomes incorrect after a rebuild.
96.	CWR-1986	CSR-18004	Toolpath	When the 3 Axis toolpath generation method is set to Advanced then, for the specific part, the toolpath for the Z level operation with rest machining results in error and no toolpath is generated.
97.	CWR-1985	CSR-17968	Toolpath	When the 3 Axis toolpath generation method is set to Advanced then, for the specific part the toolpath generated for Z level operation does not consider the holder avoidance.
98.	CWR-1954	CSR-17296	Toolpath	When the 3 Axis toolpath generation method is set to Advanced then, for the specific part the toolpath for the Z level operation gouges the part.
99.	CWR-1953	CSR-17300	Toolpath	When the 3 Axis toolpath generation method is set to Advanced then, for the specific part incorrect toolpath is generated for Flat area operation
100.	CWR-1948	CSR-17110	Toolpath	When the 3 Axis toolpath generation method is set to Advanced then, for the specific part incorrect toolpath is generated for Flat area operation.
101.	CWR-1945	CSR-17098	Toolpath	When the 3 Axis toolpath generation method is set to Advanced then, for the specific part the toolpath generated for the Pencil Mill operation displays unwanted moves.
102.	CWR-1918	CSR-15866	Toolpath	When the 3 Axis toolpath generation method is set to Advanced then, for the specific part the toolpath generated for Z level operation does not adhere to user defined allowances.
103.	CWR-1915	CSR-15945	Toolpath	When the 3 Axis toolpath generation method is set to Advanced then, for the specific part the toolpath for Z Level operation is not generated.
104.	CWR-1910	CSR-15671	Toolpath	When the 3 Axis toolpath generation method is set to Advanced then for the specific part incorrect toolpath is generated for the Z level operation as it does not adhere to the user defined values for the slope angle.
105.	CWR-1862	CSR-14253	Toolpath	When the 3 Axis toolpath generation method is set to Advanced then, for the specific part incorrect toolpath is generated for Z Level operation as the user defined avoid features are ignored.