



## Resolved CPRs

### CAMWorks 2024 SP5

\* Please refer to 'What's New' PDF document for details regarding enhancements in CAMWorks 2024.

Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CW-132253	CSR-27456	Help	The CAMWorks Installation Guide incorrectly states that users need to uninstall the current version of CAMWorks before installing a new Service Pack of an annual version.
2.	CW-132084	CSR-27382	Assembly	The CAMWorks application loaded as an add-in within SOLIDWORKS crashes when user attempts to open a specific Assembly file.
3.	CW-131979	CSR-27323	System	For any Mill part, in Contour tab of Contour Mill operation, when user clicks on <i>Settings</i> button adjacent to <i>Tab Cutting</i> checkbox, CAMWorks prompts a message to set the feature height value. This message gets displayed multiple times and CAMWorks crashes upon closing the dialog box.
4.	CW-131813	CSR-27306	Simulation	In CAMWorks Simulation mode, if all the Collison checks are set to OFF and the simulation is executed, then for some of the tools, CAMWorks still displays an error message for collision between Tool Shank and the Stock. This is incorrect.
5.	CW-131780	CSR-27155	TechDB	In the CAMWorks TechDB, if an existing Multi-Stepped Hole operation is edited and saved and then copied to another operation, the copied operation contains the default parametric values instead of the assigned values.
6.	CW-131663	CSR-27223	Post	When using the Turn Post Processor for generating the NC code, none of the comments assigned to any of the operations get output in the NC code.
7.	CW-131614	CSR-27217	Toolpath	For the specific Mill part assigned an STL stock, the Contour Mill toolpath with Tab Cuts gouges the part and thereby violates the integrity of the part.
8.	CW-131610	CSR-27195	Feature	For the specific assembly, user's attempt to generate a Hole or Circular Pocket feature using the cylindrical face fails. An irregular pocket gets recognized instead.
9.	CW-131597	CSR-27164	Assembly	For the specific Assembly, when trying to edit its Entry Drill operation, CAMWorks application crashes without displaying any error message.
10.	CW-131173	CSR-27075	Toolpath	For the specific Mill-Turn part, when the Wrap feature toolpath has a few moves with angle rotation greater than 180 degrees, it causes the tool to crash through the part because machine follows the shortest path.



Sr. No.	CPR Number	Help Desk ID	Area	Description												
11.	CW-131170	CSR-27063	Toolpath	For any Turn Canned Drill operation, if the 'Approach Z Offset' value is same as the 'Retract distance', then it generates an incorrect Z value for approach in the CL and posted NC code.												
12.	CW-130766	CSR-27001	Toolpath	For the specific Mill part, when the Roughing pattern is set to VoluMill and toolpath is generated, incorrect Leadout moves that gouge the part are observed.												
13.	CW-130116	CSR-26810	System	The SOLIDWORKS application with the <i>CAMWorks</i> Add-in crashes on changing the SOLIDWORKS assembly parameter and selecting Rebuild when prompted by <i>CAMWorks</i> .												
14.	CW-128560	CSR-26276	Toolpath	For the specific Assembly file, when some of the operations are linked and toolpath is generated, the Rapid plane position for one of the operations is incorrect.												
15.	CW-128559	CSR-26312	Toolpath	For Mill parts with Center Drill operations, the toolpath does not get generated for the following combination of options under Optimize tab of the Center Drill operations: <table border="1" data-bbox="812 877 1510 1060"> <thead> <tr> <th>Method</th> <th>Last Closest</th> <th>Optimize Between Groups</th> </tr> </thead> <tbody> <tr> <td>Shortest Path</td> <td>Checked</td> <td>Checked</td> </tr> <tr> <td>Grid</td> <td>Checked</td> <td>Checked</td> </tr> <tr> <td>Grid</td> <td>Unchecked</td> <td>Checked</td> </tr> </tbody> </table>	Method	Last Closest	Optimize Between Groups	Shortest Path	Checked	Checked	Grid	Checked	Checked	Grid	Unchecked	Checked
Method	Last Closest	Optimize Between Groups														
Shortest Path	Checked	Checked														
Grid	Checked	Checked														
Grid	Unchecked	Checked														
16.	CW-128545	CSR-26293	Toolpath	For the specific Mill part, some of the link moves of the Rough Mill toolpath ignores the selected Avoid area and gouges the part. This is observed when the <i>Stay at depth</i> checkbox option under the Roughing tab is checked.												
17.	CW-128479	CSR-26244	Toolpath	For the specific Mill part with combined irregular pockets, the Contour Mill operation generated to machine these features has Toolpath Center set to Without Compensation and the CNC comp set to "Yes". The generated toolpath gouges the part due to overcutting during tool entry. This is happening with combined irregular pockets where the 'G41' is not available in posted NC output.												
18.	CW-127657	CSR-25985	Toolpath	For the specific Mill part, unless the 'Last closest' checkbox is checked, <i>CAMWorks</i> does not generate Center Drill toolpath for grouped Hole feature when the 'Optimize between groups' and specifically when the 'optimized between group feature' check box is on.												
19.	CW-127145	CSR-25861	Toolpath	For a Face Feature with an island, the island is defined as an Avoid Area using a sketch. The Roughing operation generated for this feature does not consider the island during machining.												
20.	CW-127026	CSR-26062 CSR-26627	API	Implement an API to Get and Set the Operation Comment fields associated with each operation.												



Sr. No.	CPR Number	Help Desk ID	Area	Description
21.	CW-126951	CSR-25673	ShopFloor	For the specific ShopFloor file generated and viewed on CAMWorks ShopFloor 2023, the Annotations sections displays the DimExpert text from SOLIDWORKS file as a barcode irrespective of the font used in the SOLIDWORKS file.
22.	CW-126790	CSR-25572	Toolpath	For the selected slot feature of the specific Mill part, the Offset Roughing pattern does not generate the correct toolpath.
23.	CW-126374	CSR-25524	Toolpath	For the specific Assembly, the Contour Mill toolpath generated for its Open Profile feature with Toolpath Center set to Without Compensation does not display the complete toolpath.
24.	CW-124125	CSR-24309	Feature	For any Mill-Turn part, when trying to edit any existing Wrapped Engrave feature created using multiple Engrave sketches, CAMWorks takes too long to respond and open the dialog box. Similarly, when attempting to insert a new Wrapped feature using multiple Engrave sketches, CAMWorks takes too long to respond.
25.	CW-122261	CSR-23601	VoluMill	The 3 Axis VoluMill Toolpath generated in The CAMWorks 2023 is different from toolpath generated in CAMWorks 2022.



## CAMWorks 2024 SP4

\* Please refer to 'What's New' PDF document for details regarding enhancements in CAMWorks 2024.

Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CWR-2177	---	Toolpath	For the specific Mill part, when the 3 Axis Mill toolpath generation method is set to Advanced, the toolpath generated for the Area Clearance operation with "Pocket In - core" pattern is incorrect. The tool entry doesn't follow the correct Horizontal LeadIn / LeadOut value.
2.	CWR-2147	CSR-23519	Toolpath	For the specific Mill part when the 3 Axis Mill toolpath generation method is set to Advanced, CAMWorks takes more time to generate the Pattern Project toolpath when the 'By Slope' option with Links group box under Finish tab is checked for the operation. Also, the generated toolpath is incorrect.
3.	CW-131403	CSR-27119	ShopFloor	When the specific ShopFloor file published using SOLIDWORKS 2024 SP2 version is opened in CAMWorks Shopfloor 2023 SP5 version, an error message, "The native CAD file is saved in an unsupported version of SOLIDWORKS; hence, its visualization file will be used for display", gets displayed. This is incorrect as the SOLIDWORKS 2024 SP2 is a supported version.
4.	CW-129729	CSR-26644	Operation	In CAMWorks Mill-Turn mode, for a Drill operation, when the <i>Add tip length</i> checkbox option under Feature Options tab of that operation is checked and the operation is updated, the checkbox for Add tip length is selected under Blind group box in TechDB. This is incorrect as the feature is a Through feature.
5.	CW-129728	CSR-26647	Operation	If Contour Mill operations are generated for bottom finish, the CAMWorks application crashes on executing the Save Operation Plan command if the Stepmover value set in Options group box under Bottom Finish dialog box is more than the tool diameter.
6.	CW-128936	CSR-26388	VoluMill	When the Rough Pocketing Pattern is set to VoluMill for a combined operation, reordering the operation sequence for the combined operation does not work. If the order of operation sequence is changed and toolpath is generated, the order of operations resets to previous order.
7.	CW-128908	CSR-26385	Rebuild	For any Mill part, the sketch-based slot feature segment changes to Open Air Segment status when the sketch is edited, and feature is rebuilt.
8.	CW-128883	CSR-26358	Assembly	For the specific Assembly file, when generating Mirror toolpath for a Rough Mill operation of a specific component part, the Y offset value input in the Mirror group box is not considered. This results in incorrect Y offset value in the generated toolpath. However, if the part containing the Rough Mill operation is opened in the Part mode and then the mirror toolpath is generated, correct Y offset value is considered.



Sr. No.	CPR Number	Help Desk ID	Area	Description
9.	CW-128409	CSR-25347	API	The API named 'SetActiveMainChuck' is not working.
10.	CW-127900	CSR-26075	Setup Sheet	When generating Setup Sheets in a *.doc format for some part models, the tool and insert images get displayed incorrectly when the *.doc file is opened. However, the Tool and Insert images are displayed correctly when Setup Sheets are generated in other file formats.
11.	CW-127809	CSR-26084	Toolpath	The Mirror toolpath generated for the Contour Mill operation does not consider the Avoid areas Link method when the method is set to 'Feed Over'. If the 'Maintain Climb/ Conventional' checkbox option under Advanced tab is also checked, then a rapid move at the bottom of the toolpath is observed which gouges the part.
12.	CW-127770	CSR-26089	Feed Speed	When the character for decimal separator is changed from '.' (dot character) to ',' (comma character) on the system and the Feed/Speed Library is opened, then the ',' (comma character) is not accepted as the decimal separator. An error message gets displayed. This is observed when value of Depth of Cut parameter is changed.
13.	CW-127142	CSR-25857	Toolpath	For the specific Mill part, incorrect Rough Mill and Finish toolpaths are generated for one of its Irregular Pocket features that contains a Circular Island feature. The toolpath for a similar feature is generated correctly, when the feature is defined using a Sketch boundary.
14.	CW-127096	CSR-25842	Feed Speed	In Assembly mode, the Feed/Speed value for its Center Drill operation in the posted NC output is incorrect when the M3-Axis-Tutorial post processor is used. The Feed/Speed value displayed in the F/S tab for the Center Drill operation and the actual Feed/Speed value posted in the code are different.
15.	CW-126960	CSR-25382	Assembly	In Assembly mode, when machining a Group Hole feature, if a final side cut is made, the assigned final Feedrate value applies only to the first hole feature in the group.
16.	CW-126693	CSR-25631	ShopFloor	If a ShopFloor file is published in CAMWorks with settings for the Post Processor assigned to not output a file extension for generated NC file, the NC file fails to load in the CAMWorks ShopFloor application after the ShopFloor file is opened in it.
17.	CW-126361	CSR-25474	Post	In Assembly mode, output value of the post variables OPR_Z_RAPID_PLANE and OPR_Z_CLEARANCE for a Probe operation is calculated with respect to the Fixture Coordinate System even though a reference part and setup origin has been assigned.
18.	CW-126355	CSR-25509	VoluMill	When the Roughing Pocketing Pattern for a Wrapped Slot feature is set to VoluMill and the <i>Avoid part faces</i> checkbox option is checked, CAMWorks fails to generate the toolpath.



Sr. No.	CPR Number	Help Desk ID	Area	Description
19.	CW-125823	CSR-25397	Toolpath	For the specific Assembly last saved in CAMWorks 2021, if opened in later annual versions of CAMWorks, the toolpaths for Contour Mill operations do not get regenerated.
20.	CW-125433	CSR-25158	TechDB	When a tool is used in multiple Assembly Tools with different protrusion length and if the protrusion length for one of these Assembly Tools is changed and saved to the TechDB, then protrusion length for all the assembly tools gets changed.
21.	CW-124200	CSR-24348	Toolpath	For the specific Mill part, when editing the Contour Mill operation containing Tab Cuts, the CAMWorks application crashes up on attempting to save the changes.
22.	CW-123830 CW-123199	CSR-24127 CSR-23951	Toolpath	In Turn mode, for a Bore Rough operation with Canned Cycle, when the <i>Retract to</i> option under the NC tab of Operation Parameters dialog box is set to <i>Auto</i> , then incorrect toolpath gets generated. The retract moves are incorrect, which gouges the part.
23.	CW-123096	CSR-23887	System	For the specific Mill-Turn part, when selecting 'Edit Definition' option for a Prime Turn toolpath that uses WIP from previous operation, it is observed that there is some delay every time user switches to Turn Rough tab of Operation Parameters dialog box.
24.	CW-122536	CSR-23702	Simulation	For the specific Turn part, when running the simulation with Simulation Speed bar set to 'Minimum' and End Condition set to 'Up to Current', an error message "Cannot continue with simulation" gets displayed and simulation stops.
25.	CW-120290	CSR-22694	Feature	For the specific Mill part, the Circular Pocket feature with chamfers at the top and bottom recognized using the Recognize Features option for a Mill part setup is incorrect. Only the bottom chamfer gets recognized correctly.
26.	CW-115823	CSR-20664	System	If an Assembly containing two or more configurations is opened when CAMWorks is loaded as an Add-in within the SOLIDWORKS application, the time taken to switch from one SOLIDWORKS configuration to another is significantly higher than expected.
27.	CW-114514 CW-114372	CSR-19670	Toolpath	For the specific Turn part, for its Bore Rough operation, the Rest Bore Roughing toolpath is generated by considering leftover WIP from simulation. However, the geometry of the leftover WIP produces is incorrect and it therefore results in an incorrect toolpath.
28.	CW-112028	CSR-18444	Assembly	For the specific Mill Assembly, when a Part Setup Origin is selected under Origin tab of Part Setup Parameters dialog box, then on reopening the file, the XYZ Min/Max values of toolpath change to incorrect values.



## CAMWorks 2024 SP3

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Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CWR-2181	CSR-26524	Toolpath	For the specific Mill part imported from SOLIDWORKS CAM application to CAMWorks, when the 3 Axis Mill Toolpath generation method is set to <i>Advanced</i> , CAMWorks fails to machine all the areas of the Area Clearance and Z Level operations.
2.	CW-129853	CSR-26565 CSR-26598 CSR-26717 CSR-26688 CSR-26535	System	When loading the CAMWorks 2024 SP2 version as an add-in within the SOLIDWORKS application with default language setting as Japanese, the SOLIDWORKS application crashes without any error message getting displayed. This issue was not observed in CAMWorks 2024 SP1 Japanese language version.
3.	CW-129728	CSR-26647	System	In Contour Mill operations, for Bottom Finish, if stepover value is more than the tool diameter, the upon executing the Save Operation Plan command, the SOLIDWORKS application with CAMWorks loaded as an add-in crashes.
4.	CW-128687	CSR-26275	Operation	In the <i>Posting</i> tab of the <i>Operation Parameters</i> dialog box, the <i>Rotation Angle</i> field accepts values only in the range of -360 degrees to 360 degrees. Provision to accept angle values outside this range must be made available.
5.	CW-128412	CSR-25721	API	Provide an API to convert the Cut Off feature to a Face feature and to set Spindle attribute for Turn features.
6.	CW-128411	CSR-25721	API	APIs needed for providing the ability to add a Cut off operation at the end of machining, for inserting Turn Setups in the Operation tree and for reordering Turn Setups and operations.
7.	CW-127996	CSR-26177	TechDB	When adding new Imperial units (Inch) based tools in CAMWorks and saving it to the linked TechDB, incorrect values get fed into the TechDB due to rounding off values during their conversion from Imperial (Inch) to Metric units.
8.	CW-127941	CSR-26177	System	When the <i>Send Feedback</i> and <i>Receive Alerts</i> functionality are active in the CAMWorks, the performance gets affected significantly. CAMWorks takes more time to Open or Close the files when the above-mentioned functionalities are active.
9.	CW-127911	CSR-26029	API	Provide an API in Turn module to get the information of Turn Feature elements.
10.	CW-127795	CSR-26101	System	For the specific Mill part, changing the XY allowance to 0.003 Inches from 0.001 Inches crashes the CAMWorks application when it is loaded as an add-in within SOLIDWORKS.
11.	CW-127771	CSR-26081	Stock	In CAMWorks 2022 and later versions, when the CAMWorks Coordinate system is defined and then an STL stock is selected, the stock alignment is incorrect.





Sr. No.	CPR Number	Help Desk ID	Area	Description
12.	CW-127595	CSR-26031	TechDB	In CAMWorks, the <i>Non-cutting high feedrate</i> and <i>Non-cutting high Z plunge feedrate</i> values are incorrectly passed from the TechDB.
13.	CW-127587	CSR-25437	Toolpath	In Mill mode, for Contour Mill operations, when the CNC Compensation is ON and CNC Compensation is set to 'Tool center is on feature geometry', an unnecessary additional linear move gets added to Leadin move.
14.	CW-127472	CSR-25993	TechDB	In the Spanish language version of CAMWorks, some of the parameter strings in TechDB are incorrectly translated and need to be corrected.
15.	CW-127471	CSR-25977	Toolpath	For Contour Mill Operations with Toolpath Center set to "without compensation", if entry point is used with no linear leadin, then it does not generate a single lead-in move. As a result, it fails to correctly compensate the toolpath on the machine.
16.	CW-127467	CSR-25991	ShopFloor	Up on installing the CAMWorks ShopFloor Publisher application downloaded from the CAMWorks Customer Portal, it is observed that it does not support the SOLIDWORKS 2023 and SOLIDWORKS 2024 versions. The ShopFloor Publisher app is not listed under the Add-in Manager dialog box of the SOLIDWORKS app.
17.	CW-127223	CSR-25930	UIF	In the Spanish language version of CAMWorks, some parameter strings in the <i>Pattern tab</i> of the <i>Operation Parameters</i> dialog box for Multiaxis operations are incorrectly translated. These strings need to be corrected.
18.	CW-127183	CSR-25779	Setup Sheet	For Operations machined using Dovetail tools, the Cutting Diameter, Flute Length, and Protrusion parameters are not output to the Setup Sheet.
19.	CW-127062	CSR-25827	Feature	For the specific Mill part, the largest inscribed circle diameter value is displayed incorrectly in the graphics area for a Circular Pocket with Island feature. This might result in incorrect tool selection if this parameter is used for the tool selection expression criteria.
20.	CW-126958	CSR-25758 CSR-25809	Operation	For the specific Assembly file, when the Stock Material is updated in the <i>Stock Manager</i> user interface, the newly selected material does not get updated for the operations.
21.	CW-126944	CSR-25721	API	Provide an API to Get/Set the Turret and Tool Crib for Mill, Turn, and Mill-Turn machines.
22.	CW-126686	CSR-25623	Operation	In CAMWorks, when inserting an operation interactively, if the <i>Lock Spindle Speed</i> control option is active, then the XY feedrate value gets displayed as 0.00 in the F/S tab. When the <i>Lock Spindle Speed</i> control option is inactive, the XY feedrate value gets displayed correctly.
23.	CW-125455	CSR-25164	Toolpath	When generating the toolpath for a Contour Mill operation on a Perimeter Open Pocket feature, unnecessary Leadin and Leadout moves are added to the toolpath.





Sr. No.	CPR Number	Help Desk ID	Area	Description
24.	CW-125299	CSR-25065	Toolpath	For a Contour Mill operation, if the Entry method is set to <i>Spiral</i> under the <i>Feature Options</i> tab and <i>Links between Cut depth</i> is set to <i>Stay down</i> under the <i>Leadin</i> tab then, the toolpath generated is incorrect. The toolpath does not consider the Stay down option and moves to the Clearance Plane between cuts.
25.	CW-124962	CSR-24819	API	Provide an API to output "Minimum bar stock" parameter in Turn and Mill Turn mode.
26.	CW-123344	CSR-24005	Toolpath	When generating the 2.5 axis Roughing toolpath for an Open Pocket feature containing an island, CAMWorks ignores the island body. This is observed only when the Contain Area is defined by a sketch and the sketch coincides with the Island's edge. Also, the applied XY clearance value in <i>Advanced</i> tab affects the toolpath.
27.	CW-120316	CSR-22747	Help	In the <i>CAMWorks TechDB</i> help file, there is no proper description available for the usage of parameter <i>Spindle range</i> in F/S tab under Turn Operations form.
28.	CW-118267	CSR-22177	Operation	For the specific Mill part, when editing the Pattern values in the hole feature, the Machining time is the same regardless of how many holes are drilled by changing the pattern.
29.	CW-116261	CSR-20902	Toolpath	For any Mill part, the Contour Mill toolpath generated for a slot feature is incorrect and gouges the part when <i>CNC Compensation</i> is ON and <i>Limited look ahead</i> check box option is checked. However, if the <i>Limited look ahead</i> check box option is unchecked, the toolpath gets generated correctly.
30.	CW-109703	CSR-17148	Rebuild	When opening the specific Mill part in <i>CAMWorks 2021 SP2</i> version (Loaded as an Add-in within SOLIDWORKS), CAMWorks prompts for a Rebuild and upon executing the Rebuild command, CAMWorks crashes.



## CAMWorks 2024 SP2

\* Please refer to 'What's New' PDF document for details regarding enhancements in CAMWorks 2024.

Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CWR-2153	CSR-23928	Toolpath	In Assembly mode, when the 3 Axis Toolpath Generation Method is set to Advanced, the toolpath for the Pattern Project operation with a Contain Area fails to generate. However, if the Contain Area is suppressed, toolpath gets successfully generated.
2.	CW-128050	CSR-26063	License	The Z Level option of "Combination Cycle" must be active with the License Module "2.5X Mill Plus".
3.	CW-127021	CSR-25765	System	When CAMWorks is loaded as an add-in within SOLIDWORKS and user attempts to open the specific Assembly file, it causes the SOLIDWORKS application to crash. To open the Assembly file successfully, user must deactivate the CAMWorks add-in.
4.	CW-126953	CSR-25753	Simulation	In CAMWorks Virtual Machine, for the specific Machine, the Offset table of that machine gets displays incorrectly during Machine Awareness display in graphics area.
5.	CW-126800	CSR-25641	Feature	The boss and the fillet body of the specific part can't be detected by the side taper "Auto Detect" when the boss at the part height value is 0.1 mm or less.
6.	CW-126796	CSR-25638	System	For the specific assembly, if you delete/empty the recycle bin and then click on Save, it shows error indicating a problem in saving CAMWorks entities.
7.	CW-126685	CSR-25618	Setup Sheet	Setup Sheets generated do not display correct Assembly Tool Protrusion after reselecting the Tool Crib.
8.	CW-126678	CSR-25544	API	Provide an API to get the user-defined text string in square brackets after the Operation Names (including Post Operation names )in the CAMWorks Operation tree.
9.	CW-126675	CSR-25556	System	If a Multiaxis Mill operation has the pole handling angle tolerance value assigned as 0, then it crashes during post processing.
10.	CW-126662	CSR-25580	Simulation	In CAMWorks 2024, when importing a Machine, if the Machine contains an STL file with "ü" character present in the file name, then the Machine import fails.
11.	CW-126403	CSR-25459	System	When the specific CAM data is imported to the specific part file, CAMWorks crashes.



Sr. No.	CPR Number	Help Desk ID	Area	Description
12.	CW-126358	CSR-25370	Operation	For the specific Turn part, when a user-defined Turn Holder/Insert is used for one of its operations, CAMWorks takes too much time to display the Holder/Insert. It also gets difficult to move or rotate the Holder/insert in the graphics area, rendering it almost unusable.
13.	CW-126111	CSR-25434	System	The specific CAM data causes SOLIDWORKS To crash when opening the programmed assembly file.
14.	CW-126069	CSR-25422	Toolpath	For the specific part, if a high speed link is used for a Rough Mill toolpath, then it generates some unwanted moves that gouges the part.
15.	CW-126064	CSR-25396	Toolpath	For the specific Mill part, the option of 180 degree (change start point) fails when a larger tool is assigned.
16.	CW-126055	CSR-25409	Operation	When a new sub-spindle operation is inserted, then the Spindle direction saved with the sub-spindle operation template does not load correctly.
17.	CW-125843	CSR-25406	System	When the specific Mill part is loaded in CAMWorks, it causes CAMWorks to crash when user attempts to access the CAMWorks Feature Tree or Operation Tree.
18.	CW-125666	CSR-24145	Assembly	Using the functionality to combine operations in the specific assembly does not combine all selected operations.
19.	CW-125658	CSR-25302	Simulation	If Virtual Machine template APT file is saved in German language version of the CAMWorks Virtual Machine application and then imported in German language version of the CAMWorks application, then it fails to import.
20.	CW-125583	CSR-25109	Toolpath	In a Contour Mill operation, if there are multiple side cuts, then the Clearance plane is not observed.
21.	CW-125544	CSR-25205	Toolpath	For the specific Mill part, when generating the toolpath for the Face operation, CAMWorks fails to detect the Rectangular island present on the Face feature.
22.	CW-125347	CSR-25126	Toolpath	For the specific Mill part, an extra finish cut move is observed for Contour Mill toolpath when the 'Single Cut Depth' checkbox is checked and the 'Limited Look Ahead' with CNC compensation is active.
23.	CW-125297	CSR-25067	Toolpath	In Assembly mode, for the specific Assembly file, the Tool Orientation for the Setup gets flipped.
24.	CW-125291	---	UIF	In Machine awareness, in the UI of the importing machine, we have a checkbox labelled 'Show housing' which shows the entire machine. However, in the toolbar, it is labelled as 'Display housing'. The naming should be consistent.



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25.	CW-125252	CSR-24937	Assembly	In CAMWorks Assembly mode, for the specific assembly, the Avoid areas defined are ignored by 2 Axis Rough Mill, Contour Mill, and 3 Axis VoluMill operations when generating the toolpath.
26.	CW-125154	CSR-24959	Help	In the <i>Post_Processor_Reference.pdf</i> UPG Help Document, the typographical error for the system variable named OPR_Z_FINISH [OPT_Z_FINISH] needs to be corrected.
27.	CW-125007	CSR-24898	Toolpath	The wrong entry move is observed on the Contour Move Bottom Finish when the Perimeter pass after is applied. The ramp entry is along the feature wall which is invalid. This happens when the irregular pocket contains the top chamfer/fillet.
28.	CW-124965	CSR-24852	Post	For the specific file, single instance in Patterned Contour Mill outputs incorrect Z values when posting.
29.	CW-124937	CSR-24754	Toolpath	CAMWorks 2021-2023 versions change the sequence order of the plunge toolpaths created in 2018 CAMWorks version.
30.	CW-124930	CSR-24778	Toolpath	Unnecessary paths are added in the Contour Mill, when "Limited look ahead" is checked in the NC tab and "Cut depth" is set to "Stay Down" in the Leadin tab. A path gets added that is not needed thereby causing the part to get damaged with the specific tool diameter.
31.	CW-124400	CSR-24434	Toolpath	For any Contour Mill operation, if the depth processing is selected as "depth by region" and negative depth allowance is added, then if the spring pass is added, it will not generate the toolpath.
32.	CW-124318	CSR-24311	ShopFloor	When trying to open the specific ShopFloor file, the ShopFloor application crashes without any warning message.
33.	CW-123869	CSR-24144	Help	For 3 Axis and Multiaxis Posting error codes, the description for each of the error codes needs to be documented in the context based Help file as the CAMWorks error message doesn't contain any description.
34.	CW-123336	CSR-24002	Toolpath	For the specific Mill part, too many cleanup passes get generated for the Contour Mill operation that uses single depth cut.
35.	CW-122056	CSR-23507	Simulation	When the specific Assembly with multiple Contour Mill operations is simulated at a higher speed, an error message indicating inability to continue the simulation gets displayed. This happens only when the 'Center cutting' checkbox option for the tool is unchecked.
36.	CW-121901	CSR-23439	Toolpath	The Islands are ignored on wrapped roughing operations when the island position is not the centerline of the cylinder.



Sr. No.	CPR Number	Help Desk ID	Area	Description
37.	CW-121579	CSR-23322	Toolpath	In Assembly mode, any Contain area assigned to a VoluMill operation prevents the VoluMill toolpath from being calculated.
38.	CW-121121	CSR-23132	Toolpath	For the specific Mill-Turn part, islands are ignored by the wrapped Rough Mill operations.
39.	CW-120321	CSR-22757	Assembly	Contain and Avoid Areas are not correctly recognized in Assembly mode for the specific assembly.
40.	CW-117274	CSR-21149	Help	In UPG-2 Help file, update the help content written for the Header command SORT_BY_TURRET.
41.	CW-116224	CSR-20845	Toolpath	When generating the toolpath for the specific Assembly file, Avoid Areas being ignored on 4th axis.
42.	CW-115869	CSR-20675	Toolpath	The Contour Milling with CNC compensation on the curve feature generates the wrong toolpath at the leadin/out. This is observed only when the feature has the open end (not the closed curve).
43.	CW-115094	CSR-20281	Toolpath	For the specific part, the Profile Milling Overlap gouges the part when using the Look Ahead option.
44.	CW-114640	CSR-19890	Toolpath	For the specific customer part file, Contour Mill operation does not get generated for the irregular pocket feature.
45.	CW-112838	CSR-18877	Operation	For the specific Mill-Turn part, when trying to edit any operation by clicking on the 'Edit Definition' command, it takes too much time to invoke and display the Operation Parameters dialog box.
46.	CW-41249	10-9880	Help	A brief document listing all available APIs available in CAMWorks sorted and tabulated as per their year of introduction would be of great help to users.



## CAMWorks 2024 SP1

\* Please refer to 'What's New' PDF document for details regarding enhancements in CAMWorks 2024.

Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CW-126407	CSR-25348	TechDB	User Defined Mill Holders imported into TechDB shipped with CAMWorks 2024 version do not get auto-assigned to an operation execution of Generate Operation Plan command. The Holder remains 'Basic' though a user-defined holder is referenced from TechDB. This was working correctly in CAMWorks 2023 SP2 version.
2.	CW-125802	CSR-25377	Post	For the specific assembly, when post processing using custom Post Processor, CAMWorks crashes.
3.	CW-125682	CSR-25348	TechDB	While importing TechDB from CAMWorks 2023 to CAMWorks 2024 version, CAMWorks fails to import all the requisite data. The data for User Defined Holders is missing and results in default values getting displayed.
4.	CW-125678	CSR-25304	Virtual Machine	In Mill-Turn mode, when the gage offset value of a tool is changed and the 'Display Components' functionality for Virtual Machine display is active, then the Tool Block also moves along with the Tool.
5.	CW-125641	CSR-25295	UFI	In CAMWorks 2024, the function of using the <i>Tab</i> key to jump on to the next parameter in the user interface does not function correctly. It skips certain radio buttons. This is observed in Depth parameters group box under Contour tab of Operation Parameters dialog box.
6.	CW-125636	CSR-25275 CSR-25390	Feed Speed	The F/S is defined by either tool or operation. However, the Feed per tool & XY feedrate parameter is not getting updated when any tool or operation parameter is getting changed in CAMWorks 2024 SP1.
7.	CW-125603	CSR-25253	TechDB	In TechDB, all the materials in the 'Materials' list under 'Manage Stock Material Groups' get wiped out when executing the 'Update Stock Material' command from the F/S Library.
8.	CW-125377	CSR-25143	System	When attempting to load the specific Part/ Assembly file in CAMWorks (Add-in within SOLIDWORKS), it causes the SOLIDWORKS application to crash.
9.	CW-125370	CSR-25135	Operation	For the specific Assembly file, CAMWorks does not allow to insert a Contain area using a sketch for one of its Multiaxis operations.
10.	CW-125340	CSR-18426	Toolpath	For the specific part, it is observed during Simulation that the Tapered Shank gouges the part as the toolpath generated for Z level operation is incorrect.



Sr. No.	CPR Number	Help Desk ID	Area	Description
11.	CW-125312	CSR-25072	Operation	The 'Percentage of Flute length' value changes when copying the tool from the CAMWorks Tool tree and linking it to the operation. However, the toolpath remains unchanged.
12.	CW-125271	CSR-25043	Simulation	For the specific Mill part, when running Simulation for its Contour Mill toolpath, CAMWorks displays incorrect simulation. This is observed only when the CNC compensation is 'ON' and the Toolpath Center is set to 'Without compensation'.
13.	CW-125232	CSR-24974	Assembly	When using 5 Axis Milling for machining an Assembly by selecting the 5-Axis Indexing option, if the Fixture Coordinate System is not defined using SOLIDWORKS coordinate system, then the possible Setup Angle Pairs have false orientation.
14.	CW-125220	CSR-24910	Toolpath	For the specific Mill part, when generating the toolpath for a Circular feature, with a specific combination of parametric values, CAMWorks generates incorrect toolpath. This is observed when, the CNC compensation is 'ON', Toolpath Center set to 'Without compensation' and Leadin/ Leadout is set to 'Start Point'.
15.	CW-125001	CSR-24896	UIF	In Chinese Traditional language version of CAMWorks Virtual Machine, the User Interface text strings have garbage values.
16.	CW-124999	CSR-24882	Toolpath	For the specific Mill part, when a Contour Mill toolpath is generated for its curve feature using a closed sketch, the resultant toolpath will have overlapping paths if Spline Deviation value is assigned and Toolpath Center is set to "With Compensation".
17.	CW-124988	CSR-24875	Feature	In Assembly mode, when using the Automatic Feature Recognition functionality for recognizing Circular pockets with Chamfers, CAMWorks recognizes it from the opposite direction.
18.	CW-124987	CSR-24869	Assembly	Opening the specific Assembly file causes CAMWorks to crash. It results in loss of all the CAM data associated with the multiple configurations present in the file.
19.	CW-124975	CSR-24866	Toolpath	In 2 Axis Mill mode, even when the CNC Compensation is Off and there is no linear move preceding an Arc Leadin move, CAMWorks still displays a warning message, "Leadin/out parameters do not generate linear move. In order to apply the CNC compensation features, a linear move is needed. Please review the Leadin/out parameters."
20.	CW-124952	CSR-24834	Toolpath	For the specific Assembly file, CAMWorks converts the Arc moves to Linear segment moves for the operation having a defined Contain Area.





Sr. No.	CPR Number	Help Desk ID	Area	Description
21.	CW-124929	CSR-24795	Toolpath	For the specific Turn part, toolpath for the Groove Rough operation does not get generated when a user-defined Tool Insert is used for its operation.
22.	CW-124924	CSR-24785	UIF	In non-English language version of CAMWorks, upon executing certain steps, CAMWorks displays an empty error message pop-up window.
23.	CW-124923	CSR-24784	Toolpath	For the specific Mill part, CAMWorks does not allow generation of Leadin/ Leadout move for a Contour Mill operation generated for a slot feature. This observed when Look ahead option with Toolpath Compensation set to 'ON'.
24.	CW-124821	CSR-24658	TechDB	When using Tool crib with Tool Assemblies, for a particular tool, if the Stock material group is updated in the TechDB, then it does not get reflected in the CAMWorks application for parts/assemblies using that Tool Assembly.
25.	CW-124800	CSR-24717	Toolpath	For the specific Mill part, an unexpected Plunge entry move on the Spring pass is observed in which Leadin/ Leadout was not applied.
26.	CW-124669	CSR-24599	Operation	In CAMWorks 2024, recalculation of the Spiral entry method for Rough and Contour Mill operation is incorrect. If the tool diameter is changed, the spiral for entering the material does not get recalculated.
27.	CW-124628	CSR-24582	Operation	For the specific assembly, a Thread Mill operation is generated for two Group Hole Features. The toolpath for one of these Group Hole Feature gets removed when the 'Optimize between groups' option under the Optimize tab of the Operation Parameters dialog box is checked.
28.	CW-124562	CSR-24527	Probe	For the specific Mill part, the Feedrate for its Probing operation does not get posted on P9810 Line in the G-code.
29.	CW-124304	CSR-24351	Operation	In Mill mode, if two Contour Mill operation are assigned the same tool, the Feed/Speed data for them is set to 'Library' and one of these operations is moved to another tool in the Tool tree, then the Feed/Speed data for that operation does not get updated (Observed during Step Thru). To update the data, the operation needs to be manually edited.
30.	CW-124298	CSR-24382	Toolpath	When the 'machine island top' option is checked, if the part body is set by mirror direction, then the Rough Milling on the Perimeter Open Pocket feature remains incomplete.
31.	CW-123866	CSR-24113	Toolpath	For the specific Mill part, when its Counterbore Hole operation is edited and if the 'WIP' option is selected for Rest Machining and pattern is set to Spiral, the toolpath doesn't get generated.



Sr. No.	CPR Number	Help Desk ID	Area	Description
32.	CW-123858	CSR-24143	Post	In Mill-Turn mode, when Post Processing the G-code using the default Mill-Turn Post Processor, it is observed that for Turn Rough operations, there are unnecessary calls to start and end operation in the posted G-code. This is observed only when the CNC compensation is 'ON' for the Turn Rough operation.
33.	CW-123742	CSR-24145	Assembly	In Assembly mode, when trying to combine the operations, not all the selected operations get combined. Only the features with unique names are being retained after combining and the other features gets deleted.
34.	CW-123700	CSR-15599	TechDB	For the specific Turn part, the Tool Gage Length is set based on the corresponding value as assigned in TechDB. However, this value changes when the Generate Operation Plan and Generate Toolpath commands are executed. The value must not change.
35.	CW-123029	CSR-23813	VoluMill	The VoluMill toolpath generated for a specific Multisurface feature with Enry method set to 'Pre-Drilled Holes' displays odd behavior.
36.	CW-122620	CSR-23757	Toolpath	If a Circular Pocket through feature includes a bottom chamfer, then the chamfer machining toolpath calculated from top is incorrect.
37.	CW-122267	CSR-23648	System	When a Mill stock is defined as a cylinder and the origin for CW Coordinate system is defined as the middle of the stock, the Y value of the origin is incorrect. Resulting in gouging of the part.
38.	CW-122104	CSR-23531	TechDB	When the customized TechDB file is used as the active TechDB, then in Mill-Turn mode, some of the tools in the CAMWorks Tool Tree get duplicated. This is observed upon saving the part file and re-opening it again.
39.	CW-121889	CSR-23423	UIF	In the specific Assembly, when the Roughing Pattern type is changed from <i>Adaptive</i> to <i>VoluMill</i> for a Rough Mill operation, the generated toolpath is incorrect. The toolpath considers the Avoid allowance value applied for the <i>Adaptive</i> pattern type while generating the toolpath which is not applicable for VoluMill.
40.	CW-121306	CSR-23262	Simulation	For the specific Turn part, when running the simulation for its Thread operation, the simulation displays gaps in the part model where the thread profile is cut. However, this issue is not observed if the 'Chamfer' option for this operation is unchecked.
41.	CW-118683	CSR-22332, CSR-22540	Toolpath	For any Mill part, when setting the Side passes option to "Stay Down" in 'Links between' group box under the Leadin tab for a Contour Mill operation, the finish pass ends up getting removed.



Sr. No.	CPR Number	Help Desk ID	Area	Description
42.	CW-117977	CSR-22036	Assembly	In Assembly mode, for Drill operations defined on multiple features, CAMWorks does not consider clearance plane (G99) selection for retract between features in the toolpath. It moves to rapid plane for each hole. This is observed when the 'Output multiple parts by tool' option is selected Setup Tab of Machine node.
43.	CW-117546	CSR-23602	License	In Post licensing, provide the ability to support both CPD-ID and Activation ID (new option), for both the Standalone as well as Server based licensing.
44.	CW-116866	CSR-21346	Help	The Help file information to describe the Port number fields for the Online Activation method of Floating Network Server License is inadequate and needs to be updated.
45.	CW-116475	CSR-21008	Toolpath	For the specific Mill-Turn part, the Contour Mill toolpath generated for Wrapped Slot Features are incorrect. It results in gouging of the part.
46.	CW-115778	CSR-20620	Feature	For the specific Mill part with Open Pocket feature and Island having same entity, the "Auto detect" Island command does not work, and incorrect toolpath gets generated.
47.	CW-113495	CSR-19320	Operation	For any Pattern Project operation with Flowline, the lower Z limit applied does not work if it is set after generating the toolpath.
48.	CW-113114	CSR-19176 SPR 1197175	Rebuild	For the specific Mill part, the time taken for a Rebuild is too long; around 4 minutes.
49.	CW-109158	CSR-17433	System	On a user's computer, when running MESMODE for estimating, the MES.mdb file cannot be opened. Therefore, MES mode does not work.
50.	CW-102924	CSR-14207 CSR-14999	Probe	In Assembly mode, in the Posted G-code, the Coordinate system value for Probing positions (X,Y,Z) are not based upon the assigned coordinate system of the Mill Part setup.
51.	CW-102867	CSR-14193	System	In Mill Assembly mode, if a setup has only probing operations, then CAMWorks does not allow the Work Coordinate offset to be changed. The Assign button to change the Work coordinate offset under Offset tab remains greyed out.



## CAMWorks 2024 SP0

\* Please refer to 'What's New' PDF document for details regarding enhancements in CAMWorks 2024.

Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CWR-2149	CSR-23575	Toolpath	When the 3 Axis Toolpath Generation Method is set to Advanced and the "Hit Flats" checkbox under the Area Clearance tab is checked, the generated Area Clearance toolpath ends up gouging the part.
2.	CWR-2140	CSR-23174	Toolpath	When the 3 Axis Toolpath Generation Method is set to Advanced, the generated Constant Stepover toolpath with arc fitting ends up gouging the part.
3.	CWR-2135	CSR-229.67	Toolpath	When the 3 Axis Toolpath Generation Method is set to Advanced, the generated Area Clearance toolpath for the specific part gouges the part when the <i>Automatic contain area</i> method is set to "None" and the tolerance is set to 0.001mm. When <i>Automatic contain area</i> is set to any other method, the toolpath gets generated correctly with no gouges.
4.	CW-124870	CSR-24708	VoluMill	For specific Area Clearance operation, the VoluMill Technology Expert user interface remains greyed out even after the pattern is selected as "VoluMill". When user attempts to generate the toolpath, an error message "An unsupported operation was attempted" gets displayed.
5.	CW-124694	CSR-24634	Assembly	When CAMWorks add-in is loaded in SOLIDWORKS and the command to open a specific sub-assembly of the specific active assembly file is executed in the Feature Manager Design tree, SOLIDWORKS hangs and then crashes. This issue is not observed if CAMWorks is not loaded as an add-in.
6.	CW-124617	CSR-24179	Assembly	Importing specific part data into the specific assembly causes SOLIDWORKS to occasionally crash.
7.	CW-124506	CSR-24508	TechDB	In default TechDB, the 'No Tools' field for Turrets in Mill Machine Definition accepts large integers. However, when TechDB data is imported in SQL Server based TechDB, this info fails to get imported as SQL Server based TechDB only accepts small integer values for this field. This mismatch needs to be removed to facilitate smooth data importing.
8.	CW-124441	CSR-24445	UIF	In the 'Associate Parts' dialog box, when a file name is too lengthy, the entire file name does not get displayed in the Imported Parts and Current Parts window. This causes inconvenience to users.



Sr. No.	CPR Number	Help Desk ID	Area	Description
9.	CW-124401	CSR-24367	Post	User is unable to run the output from Mill.APTctl file for post processing and Machine Simulation on 3 <sup>rd</sup> party software as Radius parameter in the Circle command isn't working as expected.
10.	CW-124146	CSR-24299	Toolpath	For the specific Mill part, when the Roughing toolpath for the Circular Pocket with taper geometry is generated with 'Use global spline deviation' and 'Arc fit' options checked, and the Pocketing pattern is set to 'Spiral Out.', an incorrect Rough Mill toolpath gets generated.
11.	CW-124093	CSR-24316	Help	From the Setup Sheet Tutorial document, remove information related to the CAMWorksView Style Sheet templates as they are no longer supported.
12.	CW-124091	CSR-24301	TechDB	The default TechDB shipped with CAMWorks is not allowing 'Spiral' to be assigned as the default Entry Type for a Rough Mill operation.
13.	CW-124047	CSR-24284	Feature	For the specific Mill part with two identical pockets, when creating features interactively or by using Automatic Feature Recognition, the feature gets generated for only for one pocket. For creating the feature for the other pocket, Island selection is required which leads to inconsistency.
14.	CW-123970	CSR-24232	Toolpath	For any Offset Roughing operation with negative side allowance, CAMWorks does not generate the toolpath based on the defined negative side allowance.
15.	CW-123619	CSR-23989	System	Restoration of CAM data lost for the specific assembly file.
16.	CW-123470	CSR-24052	Post	Provide the ability to ignore an unsupported post operation and continue posting the next operation when using the APT CL post processor.
17.	CW-123467	CSR-24038	Post	Multiple system variables in post associated with 'Gun Drilling' are not functional.
18.	CW-123464	CSR-24036	Feature	For the specific Mill part, when performing Automatic Feature Recognition using the Extract Machinable Features command, CAMWorks fails to recognize the hole features of the part.
19.	CW-123282	CSR-23987	Toolpath	For the specific mill part, when using the Keyway tool with Tapered Shank for Multiaxis operations, toolpaths do not get generated on executing the 'Generate Toolpath' command.
20.	CW-123257	CSR-23973	Toolpath	In Mill mode, when a toolpath is generated for Cleanup pass for the Perimeters and Islands, the Leadin moves do not get generated. This is observed only when the Entry Method is set to 'Ramp', 'Spiral', and 'Ramp on Leadin'.



Sr. No.	CPR Number	Help Desk ID	Area	Description
21.	CW-123256	CSR-23950	Post	Post Variable OPR_Z_MIN_PECK does not function in CAMWorks 2023.
22.	CW-123134	CSR-23797	System	CAM data for the specific part is lost after generating the NC code and closing the CAMWorks application.
23.	CW-123126	CSR-23893	Toolpath	For the specific part with STL based stock that has a Chamfer toolpath, the retract moves do not allow for clearance resulting in gouging of the part. Any attempt to correct and preview result in the system getting hung.
24.	CW-123040	CSR-23825	Toolpath	For any pocket feature, when the Contour Mill toolpath generated with the 'Bottom first' checkbox in the Bottom Finish dialog box being checked, the generated toolpath ignores the Depth Allowance and machines the entire feature depth during ramping.
25.	CW-122817	CSR-23683	TechDB	When using the custom TechDB for the specific Mill-Turn part, the spindle speed defined by 'Library' or 'Operation' option for Tap Cutting operations are incorrect.
26.	CW-122810	CSR-23770	Post	Remove Help information related to the post variable TOOL_TIP_CENTER from the Help documentation for Universal Post Processor. This is necessary as this variable does not get compiled through the post compiler. An alternative variable is available for its function.
27.	CW-122809	CSR-23730	Post	Post variable OPR_SUPPORTS_TOOL_OFFSET functions incorrectly for Probe operations.
28.	CW-122269	CSR-23653	TechDB	When using the custom TechDB, incorrect tool gets selected from the TechDB Tool Crib for operations.
29.	CW-122535	CSR-23564	Simulation	Incorrect Z axis retract move observed in CAMWorks Virtual Machine when simulating the specific file.
30.	CW-122409	CSR-23687	Assembly	CAMWorks crashes when attempting to open the specific Assembly file.
31.	CW-122270	CSR-23654	Feature	For the specific Mill part, creating a 2.5 Axis Pocket feature from a 180 degree arc ends up incorrectly generating a 360 degree feature on the part.
32.	CW-122179	CSR-23503	Step Thru	When executing the Step Thru Toolpath command for any Wrapped feature toolpath, the first co-ordinate shown during step through process is incorrect.
33.	CW-122109	CSR-23424	Toolpath	For the specific part file, the coordinates generated during posting for the feature with circular pattern and angle of 180 degrees is wrong.



Sr. No.	CPR Number	Help Desk ID	Area	Description
34.	CW-122093	CSR-23545	Translation	In French language Mill-Turn module, under the Origin tab of Part Setup Parameters dialog box, the translation for Main Spindle and Sub Spindle have gotten interchanged.
35.	CW-122051	CSR-23512	Toolpath	For the specific Mill part with islands, the Contour Mill toolpath with Rest Machining is inverting the Leadin/Leadout moves. These inverted moves gouge the part.
36.	CW-122032	CSR-23502 CSR-23544 CSR-23704	Simulation	On certain Windows systems running CAMWorks, in Simulation Mode, when the 'Show Difference' option is enabled, the legend in the graphics area that indicates toolpath deviation range of the machined part from the designed part is not visible in the form of assorted colors in not visible.
37.	CW-121830	CSR-23417	Simulation	In Turn Simulation mode, the user-defined Turn Tool Assembly is showing the wrong insert position when compared to the Turn Tool Assembly observed during the Step Thru toolpath process.
38.	CW-121756	CSR-23294	Toolpath	When the 3 Axis Toolpath Generation Method is set to Advanced, then for the specific Mill part with pattern type set to 'Adaptive', it is observed that Area Clearance toolpaths having Contain Areas do not get generated.
39.	CW-121724	CSR-23344	Toolpath	In Turn mode, when a Groove feature is defined using an Open Sketch, then the toolpath generated for that feature is incorrect.
40.	CW-121636	CSR-23300	Toolpath	For Contour Mill operations, when the 'Side passes' or 'Cut depth' within 'Links between' group box is set to 'Direct' or 'Stay Down', CAMWorks applies the Leadin feedrate to the Leadout moves of the toolpath instead of XY feed.
41.	CW-121625	CSR-23341	Toolpath	For the specific Turn part, when the user-defined Tool Insert is used for generating a Turn Groove toolpath, the toolpath gets repeated. This is incorrect behavior.
42.	CW-121574	CSR-23290	Help	It needs to be documented in CAMWorks Help file that the Leadin and Leadout movements of 3 Axis Mill toolpaths will not follow boundary restrictions of Contain and Avoid areas so that users are aware of this specific limitation.
43.	CW-121452	CSR-23301	Simulation	When running the simulation for any toolpath having a 2.5 Axis operation immediately after a Multiaxis operation, then the tool orientation shown in the simulation is incorrect.
44.	CW-121411	CSR-23251	Toolpath	For the specific Mill part, when the Roughing toolpath is generated for its pocket feature that was defined using two non-collinear edges, small arc moves are observed in the toolpath. These moves are interpreted as 360 degree arc moves by the CNC machine, which results in gouging of the part.





Sr. No.	CPR Number	Help Desk ID	Area	Description
45.	CW-121370	CSR-23272	System	For the specific Assembly file with multiple configurations, deleting a Mill Setup and switching to another CAMWorks Configuration causes the SOLIDWORKS application to crash.
46.	CW-121240	CSR-23182	Toolpath	For Rough Mill operations, if the link type is selected as "S curve" in the 'High Speed' dialog box (displayed on clicking the 'High Speed' button under Roughing tab) and a cleanup pass is added to that operation, then the direction of the cleanup pass will be opposite to that of the regular toolpath. This is incorrect behavior.
47.	CW-121208	CSR-23200	TechDB	In CAMWorks TechDB, for the 'Diameter Offset' and 'Length Offset' parameters, a unit of measure has been assigned. This is incorrect as these two parameters do not have any associated units.
48.	CW-121201	CSR-23165	Toolpath	For the specific Mill part, when Contour Mill toolpath is generated for multiple group features, it generates non-planar rapid move that is not supported in posting.
49.	CW-121114	CSR-23121	System	If CAMWorks has been loaded as an Add-In within SOLIDWORKS, then SOLIDWORKS application crashes when attempting to open a specific Mill part
50.	CW-120980	CSR-23069	Mill	For the specific Mill part with multiple setups at different indexing angles, the assigned override rotary angle and tilt angle do not get saved and returns to their previous values when the part is reopened.
51.	CW-120520	CSR-22870	Feed Speed	In the 64 bit version of the Feed/Speed Editor, increase the number of decimal places for the Feed value (MMPM/IPM) from existing four digits to five digits.
52.	CW-120467	CSR-22850	UIF	The arrangement of tools in the CAMWorks Tools tree list should be updated based up on the Station number applied to the tools in the Tool crib list under the Tool Crib tab of Machine dialog box.
53.	CW-120466	CSR-22849	Help	As most users and resellers do not look at the License Manager What's New document, a request has been made to add content related to License Manager compatibility in the CAMWorks Installation Guide and CAMWorks Website page.
54.	CW-120457	CSR-22808	System	If user selects the 'Save to database' option in context menu for a MS Hole feature node and proceeds to create a new feature condition as a strategy, CAMWorks crashes the moment the user clicks the green check mark (Ok button).
55.	CW-120450	CSR-21225	Simulation	For the specific complex Mill-Turn part, simulation of the Sub Spindle operations gets extremely slow when the simulation speed is decreased by even one or two units.



Sr. No.	CPR Number	Help Desk ID	Area	Description
56.	CW-119739	CSR-22638	UIF	Tool display for Center Drill Tool is incorrect in the Preview window as well as in the graphics area of CAMWorks. This is observed only when the Non-cutting Portion type is set to 'Tapered'.
57.	CW-119509	CSR-22556	CAMWorks	CAMWorks data for the specific Mill part saved using CAMWorks 2022 got lost up on attempting to save the file. This lost CAMWorks data needs to be restored.
58.	CW-119438	CSR-22573	TechDB	When using the customized TechDB for programming the specific Assembly file, the coolant defined for a particular tool does not get saved and returns to the default coolant type when reopening that Assembly file.
59.	CW-119004	CSR-22336	NC Editor	When Backplot is done for the specific NC code with Heidenhain controller using the NC editor, it displays incorrect tool orientation.
60.	CW-118984	CSR-22365	System	For the specific Assembly file, when attempting to save CAMWorks data, an error message "Problem in saving CAMWorks entities to file. CAMWorks entities will not be saved." gets displayed. However, after reopening the file, updated CAMWorks data is actually present.
61.	CW-118315	CSR-22246	Toolpath	In Assembly mode, the Mill toolpath generated for a feature which is on the seed part does not maintain the clearance distance when the fixture body to be avoided is taller than the feature height, resulting in gouging. However, it works correctly for group features and P2P operations.
62.	CW-118044	CSR-22122	Help	Help content for Geometry tab of Operation Parameters dialog box is missing for Multi Surface feature.
63.	CW-118033	CSR-22114	API	New API that provides information about user-defined Turn Insert or Turn Holder in the Setup Sheet is required for Turn and Mill-Turn mode.
64.	CW-117843	CSR-21846	Rebuild	For the specific Mill with an engrave feature made using circular pattern, executing the Rebuild command doesn't correct the wrong orientation of the circular pattern feature from the axis.
65.	CW-117749	CSR-21840	Feature	For the specific Mill part, when Automatic Feature Recognition Method is used to identify, its Multi-stepped Hole feature gets recognized incorrectly.
66.	CW-117501	CSR-21723	Help	In the CAMWorks NC editor, Help documentation for DNC Setup dialog box is missing.



Sr. No.	CPR Number	Help Desk ID	Area	Description
67.	CW-117433	CSR-21639	Tool Crib	In Mill-Turn mode, when the "Use tool crib tools only" check box is checked under the Tool Crib tab of Machine dialog box and toolpaths are generated, tools which are not part of the active tool crib gets added to it. This is incorrect behavior.
68.	CW-117312	CSR-21598	Toolpath	When setting the Grid parameters Band Width to 0 on the Optimize tab, the toolpath generates incorrectly if the offset is less than 0.1mm.
69.	CW-117105	CSR-21498	Post	If the first operation under the Operation tree is a post operation, then Query related to Tool/Holder additional details does not work with GETTOOLS command.
70.	CW-116680	CSR-21200	Rebuild	For any Turn part, if the stock length is modified and Rebuild command is executed, then the ID Turn features get corrupted. More number of segments are observed for the ID features after the Rebuild, which is incorrect.
71.	CW-115698 CW-115697	CSR-20594 CSR-17055 CSR-16291 CSR-3314 11-8137	Feature	CAMWorks is unable to create Engrave features using sketches when the stick font "OLF SimpleSansOC" is assigned. An error message regarding invalid profile gets displayed.
72.	CW-115696	CSR-20594	Features	The spline curve extracted by the 'Desolve sketch text' from the stick font 'OLF SimpleSansOC' is not considered by the CAMWorks Engrave or Curve feature. This results in invalid profile.
73.	CW-115678	CSR-20545	Feature	For any Mill part having Open Pocket/Boss features, the Extract Machinable Feature command fails to recognize the Open Pocket/Boss feature. This is observed only when the Mfg option of Feature Recognition is selected.
74.	CW-115580	CSR-20569	Operation	For Mill parts having Island features, when Rough Mill operations with the entry method is set to "Entry Hole" are generated, it is observed that not all the predrilled holes get generated.
75.	CW-115418	CSR-20510	Toolpath	When the end point for a Curve feature is set to Material, then it does not generate correct Chamfer Machining toolpath and ends up gouging the part.
76.	CW-114771	CSR-19932	Toolpath	For the specific Mill part, when the Final Cut Amount is added for the Contour Mill operation and toolpath is regenerated, then the Leadout move is removed, and the tool retracts along the side of the part. This is incorrect.
77.	CW-114282	CSR-19540 CSR-21312	Feature	For the specific Assembly, slot features are not getting recognized by the Automatic Feature Recognition command.



Sr. No.	CPR Number	Help Desk ID	Area	Description
78.	CW-113504	CSR-19339	VoluMill	The link moves of the VoluMill toolpath generated for the rectangular slot feature gouges the part. The gouge causing moves get eliminated only when the "Avoid sharp corners for repositioning" checkbox is checked.
79.	CW-113140	CSR-19202	UIF	Provide the checkbox option "Go Home on Tool Change" under the NC tab of Operation Parameters dialog box for Milling operations.
80.	CW-112899	CSR-18974	Mill-Turn	In Mill-Turn mode, provide the ability to check whether a Hole feature on the part OD can be machined using a 'FREE' rotary axis or 'FIXED' rotary axis and accordingly assign it for the operation when the 'Generate Operation Plan' command is executed.
81.	CW-112814 CW-112379 CW-97964	CSR-22569 CSR-18852 CSR-18598 CSR-18594 CSR-17235 CSR-16662 CSR-16656 #1217493	System	New functionality that supports SOLIDWORKS Fixture Coordinate System (FCS) in Turn and Mill-Turn Assembly mode needs to be introduced.
82.	CW-112667	CSR-18691	Setup Sheet	In XML-based Setup Sheets, make the Major Diameter Value parameter available.
83.	CW-111468	CSR-17976	Setup Sheet	If Setup Sheets are generated by executing the associated command from the Mill part Setup node's context menu, then the images must include the triad of the origin. The same image should be observed for all the setups when the Setup Sheets are generated from the NC manager node.
84.	CW-110267	CSR-17499 CSR-19645	Assembly	In Assembly mode, provide the option to delete a Machine node when no data is present under it.
85.	CW-110108	CSR-17449	Feature	For the specific Turn part, the ID feature and OD feature that get recognized by Automatic Feature Recognition do not have the correct geometry considering vis-à-vis the part section. Some of the areas recognized has invalid geometry.
86.	CW-110053	CSR-17333	Toolpath	For the specific Mill part that has a Curve Feature with Edge Break strategy, the generated Chamfer toolpath ends up gouging the part.
87.	CW-109151	CSR-16719	Toolpath	Bore Rough operation with canned cycle does not output correct NC code for the Feature Profile if 'Undercut' option is selected.



Sr. No.	CPR Number	Help Desk ID	Area	Description
88.	CW-108466	CSR-16711 CSR-20611 CSR-21494 CSR-22306	TechDB	In TechDB, when the Rotary Axis mode is set to 'Free', provide the ability to select Polar/Cylindrical option along with it so that it can be selected by default.
89.	CW-104249	CSR-14839	UIF	In Turn mode, the Chuck display by considering the stock is not identical to how it is displayed for Machine node. This difference is observed when the additional offset value is added at the clamping location with the Turn Setup. The display should be identical for both.
90.	CW-104210	CSR-14812	Feature	For the specific Mill part, the Curve Feature definition does not apply the correct tool side vector.
91.	CW-103609	CSR-14477	TechDB	In TechDB, the Operation Feed and Speed "Link to tool" option is unchecked. However, for the generated operation, this option checked.
92.	CW-103193	CSR-14314	Toolpath	For the specific Mill part having a Curve feature with edge break strategy, the generated Chamfer toolpath is unequal on both edges and gouges the part.
93.	CW-99386	CSR-12949	UIF	Provide the ability to change the width of 'Parameters' column under the Posting tab so that the dropdown list options under Machine node and Operation node can be accessed.
94.	CW-95867	CSR-11276 CSR-20262	UIF	Provide the option to set the Spiral Entry radius as a percentage of the tool diameter.
95.	CW-79381 CW-46499	CSR-4572 11-2039	Feature	Support engraving SOLIDWORKS text using "OLFSimpleSansOC". The font can make the better result than the existing CAMWorks font.