



## Resolved CPRs

### CAMWorks 2025 SP0

\* Please refer to 'What's New' PDF document for details regarding enhancements in CAMWorks 2025.

Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CWR-2172	CSR-25485	Toolpath	For the specific Mill part, when the 3 Axis Mill toolpath generation method is set to Advanced, the Pencil Mill toolpath for its Pocket feature gets generated for a particular SOLIDWORKS Configuration. However, when the SOLIDWORKS Configuration is changed, the Pencil Mill toolpath for the Pocket feature fails to regenerate.
2.	CWR-2166	CSR-25131	Toolpath	For the specific Mill part, when the 3 Axis Mill toolpath generation method is set to Advanced, the assigned Horizontal leadin/out parameters for Area Clearance operation do not get applied when the toolpath is generated. This results in gouging of the part.
3.	CWR-2150	CSR-23782	Toolpath	For the specific Assembly file, when the 3 Axis Mill toolpath generation method is set to Advanced, CAMWorks fails to generate the toolpath for the first Z Level operation from the setup. However, if the 3 Axis toolpath generation method is set to Previous method, then the toolpath gets generated.
4.	CW-133058	CSR-27644	Simulation	When executing Step Through command for the specific part programmed using CAMWorks, the TRANSMIT command makes the toolpath approach from the wrong side causing the table to crash into the machine.
5.	CW-132456	CSR-27474	Toolpath	For any Contour Mill operation that is generated for a 3D Curve feature, if the Leadin/Leadout moves overlap, then the toolpath ends up gouging the part model.
6.	CW-132212	CSR-27412	Help	The appendix section of the Setup Sheet tutorial document needs to be updated to include all the parameters and corresponding descriptions of all different orientation views available.
7.	CW-131780	CSR-27155	TechDB	In the CAMWorks TechDB, if an existing multi-stepped Hole operation is edited, saved and then copied to another operation, then the operation supposed to contain the copied values contains default parametric values instead of the copied values.
8.	CW-131401 CW-131163	CSR-27070 CSR-27070	Assembly	For the specific Assembly file, when trying to edit or open the Operation Parameters dialog box for an Entry Drill Operation, CAMWorks crashes. Also, CAMWorks does not allow to delete this operation.



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9.	CW-131380	CSR-27114	Toolpath	For the specific Turn part, when the assigned stock type is STL, then the Step Out amount segment is at the wrong side of the Turn Rough toolpath and end up gouging the part. This is observed only when Step Out amount is set below 0.23 inches.
10.	CW-129872	CSR-26755	Toolpath	For the specific Mill-Turn part, the Face Rough Operations on the Main Spindle and Sub Spindle having identical parameters do not generate identical toolpaths. The Sub Spindle toolpath generated is incorrect and does not have radical cuts.
11.	CW-129058	CSR-26407	TechDB	If a user tries to open the Machines user interface within CAMWorks TechDB on a system where only the CAMWorks application is has been installed but not the CAMWorks Virtual Machine application, then an irrelevant error message that states, "There was no entry found in the registry for the simulation machine path." Gets displayed. A message that informs the user to install CAMWorks Virtual Machine application must get displayed instead.
12.	CW-129001	CSR-26447	Virtual Machine	In the Roboris Machine Controller dropdown list of CAMWorks Virtual Machine, the 'Tnl' option that indicates support for Traub Controller needs to be made available.
13.	CW-128975	CSR-26368	Feature	For the specific assembly containing nested parts, the CAMWorks Automatic Feature Recognition (AFR set to MfgView) recognizes the part's outside profile as a pocket feature in addition to the part perimeter. Additional pocket feature must not be recognized.
14.	CW-128933	CSR-26352	Toolpath	The specific User Defined Tool Insert when assigned to a Face Groove operation overcuts the part during machining. This occurs because the Ball Edge groove insert geometry considers the driving point as the tip of the insert rather than the center of the insert.
15.	CW-128890	CSR-26369	Tool	The minimum Shank diameter allowed for a Lollipop tool is currently half the tool diameter or more. CAMWorks must allow values lower than half the tool diameter value.
16.	CW-128031	CSR-22530	Virtual Machine	When simulating Face Drill operations on a CAMWorks Virtual Machine with Fanuc Post Processor, the C Axis rotates in the wrong direction.
17.	CW-128029	CSR-26190	System	If any Mill assembly that has multiple user-defined Mill holders assigned to tools assigned to its operations is opened on a system that doesn't have the *.mh (user-defined mill holder) files in the expected folder location, then attempting to open the Operation Parameters dialog box takes more than 50 seconds to open.



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18.	CW-128028	CSR-26193	Simulation	For the specific Mill part, the Leadin/Out move of the Contour Mill toolpath generated for the Circular Pocket feature gouges the part. This gouge is shown during simulation. It happens only when the 'Limit Look Ahead' option is checked.
19.	CW-128023	CSR-26191	Feature	When a hole present on the cylindrical surface of the Mill part is interactively inserted as a pocket feature, then CAMWorks inserts it as an irregular pocket instead of circular pocket.
20.	CW-128020	CSR-26181	Feature	When user attempts to interactively insert a hole present on the cylindrical surface of the Mill part as a hole feature using IFR, then CAMWorks displays an error and fails to insert the hole feature.
21.	CW-127940	CSR-26160	VoluMill	For the specific Mill-Turn part, the VoluMill toolpath for its wrapped Mill feature takes too long to generate.
22.	CW-127740	CSR-25925	Post	Add a post header and a post variable to activate and output the peck drill parameter "Peck clear amount" when canned cycle is selected.
23.	CW-127530	CSR-26018	TechDB	In TechDB, the default tool selection for Drill operation needs to be updated so that an 8.5mm diameter tool instead of an 8.7mm tool is assigned to a Drill operation meant for machining 8.5mm drill hole.
24.	CW-127529	CSR-25994	Help	For Area Clearance - Adaptive Roughing operation, the Help content for the parameter 'Contain Offset' under Area Clearance tab mentions that this parameter is displayed only when the 3 Axis Toolpath Generation Method is set to "Advanced Method". This is incorrect.
25.	CW-127177	CSR-25850	Post	Add a new post variable or query to output the End Length value defined for the Threading operation.
26.	CW-127057	CSR-25816	VoluMill	CAMWorks fails to generate the VoluMill toolpath for an Open Pocket feature for the specific part and displays an error message when the center island is defined by the vertical surface of the cylinder.
27.	CW-127055	CSR-25799	VoluMill	For the specific Mill part, the VoluMill toolpath generated for its Open Pocket feature having an island in its center, the toolpath gouges the island.
28.	CW-126952	CSR-25748	Feature	For the specific Mill-Turn part programmed using CAMWorks 2024 SPO/SP2 version, profile errors are observed for its Hole features.
29.	CW-126884	CSR-25684	TechDB	Importing any non-English language TechDB into English language TechDB switches the hand of cut of tools (from right to left or vice versa). This is incorrect and can affect Spindle rotation direction, cut direction, etc.



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30.	CW-126803	CSR-25671	Operation	For the specific Mill part opened in CAMWorks 2024 SP1, when user attempts to edit a multisurface feature or Multiaxis operation, it sometimes results in the part crashing.
31.	CW-126392	CSR-25532	Operation	For the specific assembly, when the 'Apply Leadin/Out to all' option under Leadin/Leadout tab of its Contour Mill operation is checked and the toolpath is regenerated, it is observed that leadin is not updated for some of the features.
32.	CW-126364	CSR-25520	Feature	The specific Mill-Turn part has axially wrapped Engrave feature consisting of alphabetic characters. It is observed that the toolpath generated for this engrave feature is not uniform radially and has spline like points for some letters.
33.	CW-126222	CSR-25449	Rebuild	When the sketch that is used as Curve in a Pattern project Operation is modified, then CAMWorks fails to pop-up a Rebuild prompt.
34.	CW-126220	CSR-25428	TechDB	If user links CAMWorks to a SQL-based TechDB, then the Tool Select Filter command ignores/removes the 'Tool type' within its display area.
35.	CW-125677	CSR-25355	Toolpath	For Contour Mill toolpaths generated for wrapped feature, the Lead in/Lead out location for an island feature cannot be changed. This is a limitation.
36.	CW-125566	CSR-25208	Help	In CAMWorks Process Manager, specific error codes are displayed when toolpath fails to generate for Area Clearance – VoluMill Rest Machining toolpath. The CAMWorks Help must contain info about what the error codes for non-computed toolpaths mean.
37.	CW-125311	CSR-25076	Help	Help file content for 2.5 Axis Rough Mill Rest Machining is confusing and needs to be updated.
38.	CW-125234	CSR-25005	Help	Under 'File Locations' tab of the CAMWorks Options Dialog Box, for the field labeled 'Sub Spindle Operation Folder', the corresponding Help content is missing from the Help webpage.
39.	CW-125227	CSR-24987	Toolpath	For the specific Mill part, the Drill toolpath for a combined Hole feature fails to generate when under Optimize tab of the operation, the Start point settings of "Last closest" and "Optimize between groups" are checked.
40.	CW-125103	CSR-24942	Help	The Help content for CAMWorks does not mention that Depth parameters are disabled for Contour Mill Chamfer machining.
41.	CW-124932	CSR-24764	Feature	For the specific Turn part, the Turn Feature is not created as a single entity when Part Profile Method is set to 'Revolved Section'.



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42.	CW-124655	CSR-24611 CSR-25094	UIF	Add the ability to show tool number along with the description when 'Show Node Description' is selected for the Tool tree display.
43.	CW-124144	CSR-24330	TechDB	TechDB does not generate Tap operation through CAMWorks when multiple Rolling 'M5X.8' Taps are used.
44.	CW-123976	CSR-22783	Virtual Machine	When the specific Mill part with two Contour Mill toolpath having G-code generated with custom post processor is simulated on the CAMWorks Virtual Machine, only one tool offset instead of two gets passed to the CAMWorks Virtual Machine.
45.	CW-123854	CSR-24199	Rebuild	For the specific Mill part, the Rebuild prompt doesn't pop up when multiple hole locations located on the corners of the part model are changed simultaneously.
46.	CW-122121	CSR-23576	VoluMill	For the specific Mill part, the depth for the 2.5 Axis VoluMill toolpath generated is incorrect when a negative value is assigned to the Bottom Allowance parameter under Roughing tab.
47.	CW-120396	CSR-22761	Toolpath	For the specific Mill part, some of the rapid moves generated for its Contour Mill toolpath are simulated incorrectly. It happens only with combined Pattern Toolpaths.
48.	CW-119811	CSR-22671	Feature	For the specific Turn part with Part Profile Method set to 'Revolved Section', the Turn Rough toolpath generated for the OD feature gouges the part.
49.	CW-116795	CSR-21275	Setup	For the specific Mill-Turn part file, incorrect Rough Mill toolpath values are output for the wrapped pocket feature as the 'X' position value of the non-SOLIDWORKS Coordinate System for the Mill Setup is incorrect.
50.	CW-116678	CSR-21148	Assembly	For the specific Mill assembly, when the "Check accessibility for through features" under CAMWorks Options is checked and the Extract Machinable Features command is executed, it is observed that Feature Recognition is not consistent between identical parts of the assembly.
51.	CW-116500	CSR-20991	Feature	For the specific Turn part, executing the 'Extract Machinable Features' command does not recognize one of the grooves on the OD. It gets recognized as a component of the Turn OD feature.
52.	CW-116305	CSR-20912	TechDB	CAMWorks commutes the Spindle direction based on Machine orientation (CW/CCW, Spindle being used, Feature being machined and Hand of cut of the tool). So, the 'Override spindle direction' check box should be set to False by default within the TechDB. Currently, it is set to True, resulting in incorrect spindle direction.



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53.	CW-116294	CSR-20298	Feature	For the specific Turn part, the CAMWorks application lags after the Extract Machinable Features command is executed.
54.	CW-115763	CSR-16291 CSR-17055	Feature	CAMWorks fails to generate an Engrave feature containing letters of the English alphabet when the font for the letters is the stick font named "OLF SimpleSansOC"
55.	CW-112941	CSR-19027	Feature	For the specific Mill part, the Tapped Hole feature is recognized from wrong direction and operations do not get generated on executing the 'Generate Operation Plan' command.
56.	CW-110641	CSR-17668	Assembly	For a specific Assembly file, when another assembly file containing a singular part is imported, CAMWorks fails to import the assembly. It displays the error message stating that importing cannot be performed as the assembly doesn't have a single part.
57.	CW-109675	CSR-17100	Post	The variables 'SETUP_WORLD_X_OFFSET', 'SETUP_WORLD_Y_OFFSET' & 'SETUP_WORLD_Z_OFFSET' are used to get output from an Assembly file with a Probe operation. If the Output Origin selected is "Part Setup Origin", then output sets to zero, which is incorrect.
58.	CW-104293	CSR-14807	System	For the specific Mill part, for its Contour Mill operation, CAMWorks NC Editor shows incorrect Min/Max X, Y, and Z values in the Toolpath Statistics when the units are set to 'Inches'.
59.	CW-103763	CSR-14607	Feature	For the specific Mill part programmed in older version of CAMWorks (2017), the machining direction of its Curve feature changes when part is opened in 2020 version and 'Generate Toolpath' command is executed.
60.	CW-102462	CSR-14020	Rebuild	For the specific Assembly file, all the setups use the same SOLIDWORKS Coordinate System. If the SOLIDWORKS Coordinate System changes, it will affect the origin point of all setups. However, no message prompting user to rebuild is displayed in such a case. User has to manually apply this change for each setup.
61.	CW-22534	2-2230	Toolpath	For the specific Mill-Turn part, the Rough Mill toolpath is not getting generated properly for the wrapped pocket feature as per the Pocket Out pattern assigned. It is not following the complete pocket and offsetting it.