Resolved CPRs

CAMWorks 2026 SP0

* Please refer to '**What's New**' PDF document for details regarding enhancements in CAMWorks 2026.

Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CWR-2225	CSR-29381	Toolpath	For a 3-Axis Z-level operation using the Combination cycle, the toolpath incorrectly overcuts the part surface during the link move. This issue is observed when the toolpath is bounded by four Contain Area sketches and the link type is set to *Ramp* with tangent ramping. While disabling tangent ramping doesn't fix the issue, changing the *Mech Deviation* value from the default 0.01mm to 0.001mm eliminates the overcut. However, this is not a solution as other toolpaths in the same setup work correctly with the default deviation.
2.	CWR-2214	CSR-28756	Toolpath	For the specific Mill part, when the 3 Axis Mill toolpath generation method is set to Advanced, the toolpath for a Z Level operation generates incorrect lead-in/lead-out moves. These moves cause the tool to gouge the part.
3.	CW-141571	CSR-29837	Simulation	The simulation for milling operations on the front of the specific Mill-Turn part is incorrect in CAMWorks 2026. However, it works correctly in CAMWorks 2025. This error can be avoided if the NC tab parameter is manually changed from *Free* to *Fixed*. Furthermore, the *Reverse to Start* function does not reset the simulation after it has been played. Executing the command to close the simulation causes the CAMWorks application to crash.
4.	CW-141533	---	Translation	In the Polish language version of CAMWorks, for Sliding Head machines, the translation for parameter *Move Stock* on the NC tab of the Operation Parameters dialog box is incorrect. The current translation of the parameter "Przenieś zapasy magazynowe" needs to be changed to "Przesuń półfabrykat".
5.	CW-140873	CSR-29504	Post	For Mill-Turn parts, when Mill operations are posted alongside Turn operations, the arc deviation for Mill Face free toolpaths is incorrectly fixed at 0.0001 inches. This happens even when a different value is set in the Posting tab of the Machine dialog box. (This value is correctly used only when Mill operations are posted.) The **ARC_DEVIATION** variable needs to be reset at the start of the Mill operation to ensure the user-defined value is applied, regardless of whether it is posted with Turn toolpaths.

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6.	CW-140261	CSR-29448	Help	In the UPG Help file, the post variable **OPR_SHIFT_TYPE** needs to be changed to **TOOL_SHIFT_TYPE**. The variable **OPR_SHIFT_TYPE** does not exist and was added incorrectly. The description for the variable is correct and only the name needs to be updated.
7.	CW-140083	CSR-29383	TechDB	In the customized TechDB, due to data corruption, all fields under Mill >> Default Feature Strategies appear empty.
8.	CW-138956	CSR-29144	UIF	For the specific Turn assembly file, when a post processor is selected, the *Post Process* button in the CAMWorks toolbar stays disabled. The *Simulate Toolpath* button appears active but does not respond when clicked. However, recreating the assembly restores the toolbar functionality.
9.	CW-138523	CSR-29052	Post	The post variable INSERT_COMMENT is missing from the UPG-2 Help documentation, despite being present in certain UPG versions. It needs to be added to ensure consistency and completeness in the help content.
10.	CW-138272	CSR-28996	System	When opening the specific assembly fille containing CAMWorks data, the SOLIDWORKS application in which CAMWorks is loaded as an add-in crashes. However, the crash is observed only when *Use Lightweight Mode* option is unchecked in the SOLIDWORKS application settings.
11.	CW-138031	CSR-28915	System	When opening the specific Mill part file, SOLIDWORKS application crashes if CAMWorks is loaded as an add-in. The part opens successfully without crashing when CAMWorks is not loaded.
12.	CW-137983	CSR-28851	UIF	In Turn Mode, for any Turn Rough operation, when the Method is set to *VoluTurn* or *Prime Turning*, the *Canned cycle output* option under Turn Rough tab of Operation Parameters dialog box is incorrectly enabled. Disabling it by switching the method to *Turning* and then reverting to *VoluTurn* or *Prime Turning* method does not ensure that the change remains applied. After saving, closing, and reopening the part, the option is active again.
13.	CW-137939	CSR-28885	Tool	When user-created Turn Thread tool is assigned to a Thread operation and toolpath is generated, a pop-up error message stating "Thread Insert Thread Effective Length Exceeds Length." gets displayed. The toolpath gets generated on clearing the error message by clicking the OK button withi nte pop-up message box. The error message is unclear.

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14.	CW-137918	CSR-28875	Toolpath	For a specific Mill part, the Contour Mill toolpath generated for a Curve feature does not begin at the calculated lead-in point. Instead, it begins at a different location on the feature. When a small offset is applied, the toolpath starts 1mm away from the calculated point, suggesting the start point is not being correctly applied. This issue is also observed on other similar parts with a simple circular feature.
15.	CW-137740	CSR-28851	VoluTurn	In Turn Mode, when the Turn Rough operation uses the *VoluTurn* method and the *Canned cycle output* checkbox is checked, no code gets posted. The code gets posted only if the checkbox is unchecked by switching the method to *Turning* and then switching back to *VoluTurn*. The *Canned Cycle* option is disabled for VoluTurn, so its state should not affect the output. VoluTurn operations should ignore this checkbox setting.
16.	CW-137640	CSR-28815	VoluTurn	For the specific Mill-Turn part, when generating a VoluTurn toolpath for a Turn Rough operation, an extra arc move that gouges the part gets generated.
17.	CW-137582	CSR-28491	License	In the newly provided FNO license, some users are unable to activate the license in Non-admin mode. As a result, CAMWorks launches only in Demo mode.
18.	CW-137571	CSR-28752	TechDB	The specific CAMWorks 2023 TechDB fails to import correctly into the 2024 SQL Server based TechDB, resulting in corrupted data display.
19.	CW-136979	CSR-28584	Toolpath	For Contour Mill operations, when the 'Single Cut Depth' checkbox option is checked, an extra Z-axis move is generated in Contour Mill toolpath. Before each pass, the tool rapids to the final cut depth, retracts, and then resumes the intended toolpath. This issue is not observed with other cut depth settings.
20.	CW-136900	CSR-28547	Toolpath	For the specific Turn part, the Bar Break move is not generated for the Finish toolpath despite the stock diameter being 18mm. Even when the toolpath ends at X=18mm, matching the stock diameter, the bar break move is missing unless the end length exceeds the insert nose radius. Setting the bar break option to 'None' still results in a toolpath that triggers the bar break move due to a slight Z-axis extension. This inconsistency suggests the bar break logic may be overly dependent on end length and final toolpath coordinates.
21.	CW-135874	CSR-28393	VoluMill	For the specific Mill part, the Area Clearance VoluMill toolpath gets generated incorrectly when the toolpath is mirrored with the 'Maintain Climb/Conventional/ checkbox option checked.

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22.	CW-135784	CSR-28365	Feature	For the specific Assembly programmed using CAMWorks, the Island sketch is not recognized when creating assembly features on a pocket sketch. Although the Pocket Geometry sketch is selectable, the Island sketch fails to appear in the selection window and triggers a warning message.
23.	CW-135376	CSR-28236	Toolpath	For the specific Mill part, the Face Mill toolpath generates unwanted arc moves that result in gouging of the part. These arcs appear to be inverted forms of the intended small arcs and extend beyond the expected path. The issue is observed on the face feature containing islands.
24.	CW-135343	CSR-28214	Post	The Work Coordinate (G55) does not get output during post-processing when the Setup includes Rough Mill operation having ungenerated combined features. Removing these features or using a smaller tool that allows toolpath generation resolves the issue.
25.	CW-135073	CSR-28128	TechDB	The 'Side Mill Stepover' parameter in the VoluMill operation does not accept decimal values when configured through the TechDB. Upon saving, any decimal input (E.g.: 2.5, 0.1) is reset to zero, although the same values work correctly in the VoluMill Settings user interface of CAMWorks. This issue affects both Metric and Imperial Unit databases.
26.	CW-134945	CSR-28078	Tool	User-defined tool definitions created from geometry in the negative X-axis (E.g.: X_Negative.mt) display incorrectly in the CAMWorks Tool Tree. While tools based on positive X-axis geometry render correctly, negative X-axis tools either fail to display properly or trigger errors in the CAMWorks Virtual Machine aplication. If negative X-axis geometry is unsupported, an error should be shown during MT file creation; otherwise, the tool display logic needs correction.
27.	CW-134910	CSR-28101	Post	For VoluTurn operations, the toolpath fails to post process if the *Canned Cycle* checkbox option is checked, resulting in an output that only contains 'M30'. Although the Canned cycle option is disabled for the VoluTurn method, it is incorrectly selected by default when generating an operation plan. To correctly post process the toolpath, the user must manually change the method to Turning, uncheck the Canned Cycle box, and then reselect VoluTurn, which is cumbersome and non-intutive.

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28.	CW-134872	CSR-28095	Simulation	Changing the simulation display settings does not update the target part's display resolution within the same session, even after restarting the simulation. While the stock display reflects the updated resolution immediately, the target part retains the previous coarse resolution until the simulation is closed and reopened.
29.	CW-134471	CSR-28008	Feature	For the specific Mill-Turn part, an error occurs when attempting to manually insert a hole feature on an angled surface in a Mill Setup. Selecting the cylindrical edge or surface and inputting a depth value triggers a system error, despite the geometry being valid and machinable. No error message is displayed, making the issue difficult to diagnose.
30.	CW-134368	CSR-27996	Assembly	For the specific Assembly file programmed using CAMWorks, selecting a point from a part sketch to define the part reference point results in an incorrect location being displayed below the Assembly. Although the sketch entity is selectable, the reference point does not align with the selected geometry. This issue does not occur when using assembly sketches, indicating inconsistent behavior between part and assembly sketch handling.
31.	CW-133483	CSR-27739	Feature	Automatic Feature Recognition (AFR) fails to detect threaded pins created using SOLIDWORKS Stud feature, resulting in no machinable feature being generated. The issue occurs when the cylindrical boss includes thread geometry, whereas recognition works correctly without it. This highlights a limitation in the ability of Automatic Feature Recognition (AFR) to interpret SOLIDOWORKS stud geometry as valid machinable features.
32.	CW-133363 CW-133354	CSR-27398	Feature	For the specific Mill part, the Interactive Feature Recognition method fails to correctly detect islands when the geometry includes condensed island features with uneven height. Out of four islands, two cannot be selected properly from the top plane, and an error message is displayed during selection. This issue prevents complete island recognition and affects slot feature (with islands) creation in the mill part setup.
33.	CW-133048	CSR-27673	Feature	For the specific Mill part, the *Extract Machinable Features* command takes an unusually long time of approximately 20 minutes to detect hole features in a 4-Axis configuration. This performance issue significantly affects workflow efficiency. As a workaround, manually creating a single hole and using the CW Pattern option to replicate instances is possible, but it is equally time-consuming due to the need to select patterns across multiple faces.

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34.	CW-133017	CSR-27650	Feed Speed	When pasting data into the Feed/Speed Editor, the pasted rows do not get saved unless a field within the row is manually edited after pasting. After pasting, the "Changes have been made" message is not displayed, and the new data is lost upon saving and reopening the Editor. User needs to edit a field in the pasted data's row to trigger the Save functionality, which is not intuitive.
35.	CW-133016	CSR-27650	Feed Speed	In the Feed/Speed Library Editor, when you select multiple rows and press the Delete key, a "Changes have been made" message is displayed, but the selected rows remain visible. After saving and reopening the Editor, only one of the selected rows is deleted.
36.	CW-133015	CSR-27650	Feed Speed	In the Feed/Speed Library, when attempting to input a decimal value without a preceding digit (E.g.: ".123") in the *Depth of Cut* field, the decimal point is not accepted. The value is only accepted if a zero or any other digit is input before the decimal point (e.g., "0.123").
37.	CW-132890	CSR-27592	Toolpath	For the specific Mill part, generating an Area Clearance toolpath with the 'WIP' setting enabled results in an error. The issue gets resolved only when the 'Quality' parameter under the Rest tab is set to 'Fine'.
38.	CW-132611	CSR-27506	Post	For the specific Mill part, when using a custom Post Processor, the post system variable TOOL_TIP_DIAM outputs an incorrect value for a Center Drill tool. Instead of reporting the actual tip diameter, it incorrectly outputs the Shank Diameter. This issue is specific to tool T17, while other Center Drill tools in the same setup report the correct value.
39.	CW-132593	CSR-27499	Toolpath	For the specific assembly, the Point-to-Point toolpath generates incorrect depth in the group Countersink Hole feature due to misconfigured machinable hole parameters. This causes the toolpath to cut in the air instead of engaging the material properly.
40.	CW-131913	CSR-27317	UIF	Multiple instances of the "No Leadin/Leadout for Contour Mill operation" message are displayed when Cutter Compensation (G41/G42) is active without lead-in/out moves. The message appears 32 times per operation, which overwhelms the user interface and creates the impression of a hung system. This becomes more problematic when tool parameters are edited across multiple operations, requiring the user to dismiss hundreds of repeated messages.

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41.	CW-131489	CSR-27128	Toolpath	For the specific Turn part, the Groove Rough toolpath randomly switches to the opposite side of the Groove feature geometry when *Leftover WIP* is set to *Previous leftover.* The issue does not occur when *Leftover WIP* is defined by *From simulation* or when operations are reordered/ regenerated. The Finish toolpath behaves correctly, but the Roughing toolpath fails to consider the feature geometry and stock as defined.
42.	CW-129793	CSR-26700	Toolpath	When a user-defined Button tool is assigned to a Finish Groove operation, the resultant toolpath gouges the part. This is observed in the simulation and step-through toolpath, where the tool cuts to its centerline at the finish depth, causing an overcut. The issue appears to be with how the system handles the plunging of the button tool, as it incorrectly plunges to the Insert's centerline. However, a Full Radius tool with the same settings works correctly without gouging the part.
43.	CW-127640	CSR-26022	Feature	For the specific Mill part, the Part Perimeter feature is incorrectly recognized and does not match the actual part geometry. This issue occurs during Feature Recognition and affects the 'Open Pocket Perimeter' feature.
44.	CW-126684	CSR-25565	Toolpath	For the specific Mill part, the Multiaxis Roughing toolpath fails to generate when a Contain Area is applied using a closed sketch. An error message gets displayed. Additionally, the toolpath does not adhere to the defined Avoid features and incorrectly machines the entire multisurface feature. The issue gets resolved only when the Contain Area sketch is suppressed or if the Avoid features are removed.
45.	CW-125524	CSR-25194	Toolpath	For the specific Mill part, the Multiaxis toolpath fails to generate and displays an error code '2067' when the *Max Stepover* value is reduced. The issue prevents the toolpath creation process entirely, blocking any further machining steps.
46.	CW-125339	CSR-25100	Rebuild	For the specific Turn part, the Join Section is removed from the ID feature after executing the Rebuild command. As a result, the associated Bore Rough toolpath gets regenerated incorrectly.
47.	CW-125245	CSR-25011	Simulation	For the specific Turn part, the Simulation View displays incorrect orientation in the threaded portion when using Section View during simulation. The Threading area appears to rotate inconsistently compared to the rest of the part, rendering the visual output misleading.

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48.	CW-124760	CSR-24244	Stock	When Mill parts are assigned specific SOLIDWORKS Coordinate Systems, Mill Stock Profile changes unexpectedly when editing a tool or an operation.
49.	CW-122083	CSR-23517	Toolpath	For the specific Mill part, poor toolpath quality is observed for the Swarf Mill operation generated for a cylindrical surface when the step-down pattern is set to a Single Cut with a Tool Diameter of 10 mm. (The toolpath is generated with a Swarf milling pattern on a cylindrical groove.) This issue does not occur when the Tool Diameter is reduced to 8 mm.
50.	CW-120909	CSR-23029	Assembly	For the specific assembly, importing CAM data using the Import and Export tool fails with the error message: "Import cannot be performed. You must have at least one part in the Part Manager." The error occurs even though the source assembly contains valid CAM data. This prevents reuse of CAM setups across assemblies and disrupts workflow continuity.
51.	CW-114803	CSR-19993	VoluMill	For the specific Mill part, VoluMill fails to recognize WIP when reopening CAMWorks and uses 'Previous Leftover' for rest machining. The second Roughing operation generates toolpath for the entire pocket instead of only the remaining material. The issue gets resolved only after manually regenerating the first Roughing operation, indicating a flaw in automatic WIP recognition across sessions.
52.	CW-114436	---	Operation	For the specific Mill part, the Generate Operation Plan (GOP) command fails to generate operations for threaded holes recognized through Automatic Feature Recognition (AFR). The issue does not occur when the same threaded holes are created using Interactive Feature Recognition (IFR), indicating that GOP does not properly process AFR-recognized thread features.
53.	CW-113050	CSR-19148	System	The performance of CAMWorks is significantly affected when programming a Mill part containing a huge number of operations. For the specific Mill part with approximately 5,000 operations, there is a noticeable delay when selecting an operation, and opening the Mill Part Setup or machine definition dialog boxes takes an excessive amount of time. This issue severely impacts the overall workflow and requires improvement.

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54.	CW-109602	CSR-16986	UIF	The *Go to Home on tool change* option is missing from the *NC tab* of the *Operation Parameters* dialog box for Mill operations in Mill-Turn mode. This option is needed during post processing to ensure that the machine and part are in a safe position for a tool change. While it is available and functions correctly for Turn operations, its absence for Mill operations prevents this safety feature from being used by customers.
55.	CW-100828	CSR-13381	API	Provide an API that returns a list of tools used from the active tool crib.
56.	CW-65973	11-8392	UIF	In the Tool Select Filter menu, the 'tab' key does not function as expected. After inputting a value in the Min dia field and pressing the tab key, the cursor moves to the tool list below instead of advancing to the 'Max dia.' field. The max diameter is also set to a value of 9, which is not an intuitive default. The user expects the cursor to move to the max diameter columnar field and for the default value to be greater than 9.