Resolved CPRs

CAMWorks 2026 SP2

* 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-2238	CSR-30476	Toolpath	When the 3 Axis Mill toolpath generation method is set to Advanced, the Z-Level toolpath gouges the part when a Barrel tool is applied. This issue occurs when a 'Z' bottom limit is defined for the operation, resulting in an incorrect toolpath calculation that violates the part's integrity.
2.	CW-144893	CSR-30904	TechDB	In the CAMWorks 2026 TechDB application, the unit setting fails to persist and incorrectly defaults to Metric every time the application is opened directly via 'TechDB-App.exe'. This issue occurs even when the database is primarily configured for Inch (Imperial Units System) units, leading to a risk of incorrect data entries during database management.
3.	CW-144867	---	API	In Turn and Mill-Turn modules, the CAMWorks API lacks the necessary properties and methods to manage operation allowances. New APIs are required to Get and Set Constant Allowance (Radial and Axial), retrieve all Variable Allowances on a per-segment basis, and access associated face information for recognized features.
4.	CW-144465	CSR-30780	TechDB	For the specific customized TechDB, the 'Default Setup Parameters' and 'Default Feature Strategies' pages in IPS (Imperial Units) Inch mode are inaccessible or appear blank after being linked or imported into newer versions.
5.	CW-143983	CSR-30687	Post	A new post-processing capability is required to allow post processors to query and output the name of the User Defined Folder that an operation is contained within. This will ensure that the organized tree structure within CAMWorks for that specific part/assembly is reflected in the generated NC code header and/or operation comments.
6.	CW-143808	CSR-30618	Feature	In Assembly mode, the 'Save Operation Plan' command fails for grouped Multi-Stepped (MS) Hole features, incorrectly reporting that a matching feature condition does not exist.

Sr. No.	CPR Number	Help Desk ID	Area	Description
7.	CW-143806	CSR-30633	Simulation	For B-head type Mill-Turn machines, changing the tool holder orientation or adding an incremental B-axis offset incorrectly fails to rotate the B-axis head in the Machine Awareness preview. This visual discrepancy persists within the Operation Parameters dialog box, even when the tool itself updates its orientation.
8.	CW-143494	CSR-30621	UIF	In the Czech language version of CAMWorks, a User Interface (UI) layout error exists within the VoluMill Settings dialog box. The translated string for "Line moves only" incorrectly overlaps with the adjacent checkbox option, making the parameter difficult to read and select during Area Clearance and/or Rough Mill operations.
9.	CW-143335	CSR-30557	Simulation	During Toolpath Simulation with 'Machine Awareness' enabled, Tool Holders on the front turret are displayed in the incorrect mounting position. This visual error is specifically triggered when using left-handed tools, causing the holder to appear detached or misaligned from the turret's actual pockets.
10.	CW-143332	CSR-30553	System	For the specific Mill assembly, SOLIDWORKS crashes during the file opening process if the CAMWorks Add-in is active. This issue occurs due to corrupted legacy CAM data residing within the Mill Assembly file, specifically involving a Multiaxis operation located in the Recycle Bin.
11.	CW-143046	CSR-30404	UIF	In the Polish language version of CAMWorks, the 'Gouge Checking' (Sprawdzanie kolizji) tab for Multiaxis operations contain significant UI layout errors. Due to incorrect control widths, translated text strings are truncated or misaligned, making it difficult for users to read or define Collision Avoidance parameters.
12.	CW-143037	CSR-25531	Toolpath	For the specific Mill part, enabling the 'Optimize between groups' parameter for a combined Contour Mill operation results in an overcut (gouge) on Circular Pocket features. This error occurs only when one of the features in the group contains a chamfer geometry.
13.	CW-142794	CSR-30365	UIF	The 'Description' field within the Tooling parameters group box under the Station tab fails to save correctly for 'Form Tap' (Rolling Tap) tools. Even after saving the tool to the TechDB and the part file, the description reverts to 'None' upon reopening the file.
14.	CW-142785	CSR-30371	Assembly	In Assembly mode, for the specific file, an error occurs during part sequencing where new Mill Setups incorrectly default to the wrong part instance. This prevents users from accurately defining the Setup Origin on the intended component, as the setup marker remains anchored to an unrelated part in the assembly.

Sr. No.	CPR Number	Help Desk ID	Area	Description
15.	CW-142784	CSR-30366	Toolpath	In Swiss Turn mode, the "Tool Parameters have changed." warning message appears repeatedly when closing an Operation dialog box, even if no changes have been made. This issue occurs when tools are updated from a Technology Database containing extremely large cutting parameter values.
16.	CW-142755	CSR-30326	Post	In Mill mode, several system variables for cylindrical stock, including BAR_STOCK_ID_DIAM and STOCK_DIAMETER incorrectly return zero values. Additionally, a new post variable 'CYL_STOCK_AXIS_TYPE' needs to be added to define the rotational axis (X, Y, or Z) of the cylindrical stock. This is necessary to enable post processors to correctly output block form cycles like Heidenhain's BLK FORM CYLINDER.
17.	CW-142742	CSR-30341	Simulation	In Swiss Turn mode, selecting an operation in the Operation Tree incorrectly displays the feature and toolpath inside the Guide Bushing fixture. This behavior misrepresents the actual physical location of the Guide Bushing and obstructs the user's view of the toolpath, requiring manual fixture toggling to examine the machining moves.
18.	CW-142723	CSR-30131	System	Significant performance issues are observed when executing 'Extract Machinable Features' or 'Generate Toolpath' command on parts with a high number of setups (100–400+). The system experiences extreme lag and repetitive screen flickering as the CAMWorks Operation Tree incorrectly repopulates for every individual setup being processed.
19.	CW-142688	CSR-30289	System	In some environments, CAMWorks exhibits frequent crashes and UI display errors where the Command Property Manager window appears incomplete or truncated. These stability and graphic issues result from a corrupted software installation or improper configuration of system temporary files, which prevent CAMWorks functions from initializing correctly within SOLIDWORKS.
20.	CW-142503	CSR-30179	Feature	For the specific Turn part, when using Automatic Feature Recognition (AFR), the bottom fillet radii of the Groove features are incorrectly identified as taper lines instead of arcs. This issue is specific to the 'Revolved Section' method. CAMWorks fails to accurately project the radial geometry, which results in straight-line segments that do not match the physical part design.
21.	CW-140590	CSR-29501	Assembly	For specific Assembly files, the entire CAMWorks structure tree (Feature Tree and Operation Tree) appears blank or is completely missing.

Sr. No.	CPR Number	Help Desk ID	Area	Description
22.	CW-138205	CSR-28890	VoluMill	VoluMill toolpaths generated in CAMWorks 2023 through 2026 version exhibit inconsistent or incomplete behavior where certain cut levels are omitted or fail to clear the specified stock material. This results in toolpath "gaps" on specific part geometries.
23.	CW-136915	CSR-28571	Toolpath	For the specific Mill part, the Contour Mill toolpath for a Corner Slot feature is incorrectly generated in the wrong direction of the material segment. This leads to an incorrect toolpath path relative to the air and material segments.
24.	CW-133892	CSR-27872	Post	New post processor variables, QUERY_FEED_LENGTH and QUERY_RAPID_LENGTH, need to be added to automatically calculate and output the toolpath's Feed Length, Rapid Length, and Total Length distances. These variables should be populated following the execution of a QUERY_DEC_OPER_TIME command, allowing the estimated machining lengths to be included in the NC code header or operation comments.
25.	CW-132985	CSR-27629	Post	For all Rough Mill operations, the 'Cleanup pass' checkbox option is present under its Roughing tab for all roughing patterns except VoluMill and Plunge. It is present for Contour Mill operations too. A new post parameter HAVE_CLEANUP_PASS needs to be added to check if the 'Cleanup pass' option is selected or not in Rough Mill and Contour Mill operations.
26.	CW-129828	CSR-26724	Toolpath	In Turning operations, CAMWorks fails to generate toolpath for ID Rough and Finish features when the 'Plane Section' angle is set to specific values (e.g., 75°). While features created at other angles (e.g., 15°) generate toolpaths correctly, certain angular definitions prevent the toolpath from calculating the geometry, despite the feature profile appearing correct.
27.	CW-129826	CSR-26707	Assembly	When importing CAM data into an Assembly with split instances on different planes, combined operations fail to import for subsequent instances or result in cross-instance feature leaking.
28.	CW-126922	CSR-25698	UIF	In the Turn mode, the Main and Sub Spindle chucks exhibit display errors where the chuck appears "clipped" or incomplete within the Chuck/Fixture tab. This behavior occurs primarily when using custom SOLIDWORKS templates.

Sr. No.	CPR Number	Help Desk ID	Area	Description
29.	CW-125161	CSR-24970	Toolpath	In Turn and Mill-Turn operations, the Face Groove Finish toolpath fails to calculate the correct Work In Process (WIP) state when using a Round Insert with a user-defined holder. This issue occurs when 'Previous Leftover' option is checked, resulting in a toolpath that does not accurately reflect the remaining material from previous operations.
30.	CW-124994	CSR-24851	Toolpath	For the specific assembly, the 'Offset' Roughing pattern results in gouging of the part side wall when 'Rest Machining' is defined by 'WIP'.
31.	CW-124907	CSR-24725	Toolpath	For specific Mill part, the toolpath for curve features fails to complete or "close" on all instances of slot geometries, resulting in incomplete machining cycles.
32.	CW-122916	CSR-23659	Turn Tools	In Turn operations, user-defined tool holders based on multi-body assemblies fail to filter specific components defined in the Technology Database. Even when specific component names are designated in the TechDB, CAMWorks selects and displays all bodies within the assembly file instead of restricting the selection to the specified parts.
33.	CW-121626	CSR-23342	Toolpath	For Rough Mill operations, the toolpath incorrectly gouges the pocket boundary when machining the top of a concentric island where the annular distance is smaller than the tool radius.
34.	CW-114863	CSR-19747	Toolpath	For the generated Contour Mill Perimeter Feature, unnecessary feedrate slowdown moves are incorrectly generated at sharp corners even when the linear and arc segments are tangent, due to overly tight internal angle tolerances (Threshold Corner Angle).
35.	CW-113887	CSR-19408	Toolpath	For Rough Mill operations, setting a negative side allowance value that approaches the tool radius causes CAMWorks to generate only a single overcut boundary move instead of a full stepover toolpath.

CAMWorks 2026 SP1

* 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-2232	CSR-30243	Toolpath	For the specific Mill part, when the 3 Axis Mill Toolpath generation method is set to Advanced, the toolpath generated for the Pencil Mill operation using a Countersink tool is incorrect. The toolpath is calculated based on the body diameter of the tool instead of the diameter at the end of the tool.
2.	CWR-2229	CSR-29829	Toolpath	For the specific Mill part, when the 3 Axis Mill Toolpath generation method is set to Advanced, the Area Clearance toolpath generated using the Lace pattern produces incorrect link moves between cut passes resulting in gouging of the part.
3.	CWR-2227	CSR-29527	Toolpath	For the specific Mill part, when the 3 Axis Mill toolpath generation method is set to Advanced, the Leadout move generated for the Z Level operation gouges the part.
4.	CWR-2221	CSR-28982	Toolpath	For the specific Assembly, the Area Clearance toolpath fails to utilize the selected Entry Hole for subsequent depth cuts when 'Depth processing' is set to 'By region'. This issue is observed when Leadin moves are applied to the operation.
5.	CWR-2209	CSR-28399	Toolpath	For the specific Mill part, when the 3 Axis Mill toolpath generation method is set to Advanced, the Z Level toolpath generated using a Keyway tool with no bottom radius is incorrect. The toolpath is offset from the target surface by a significant amount.
6.	CW-143131	CSR-30531	Wire EDM	In the Wire EDM Legacy module, VB Scripting for post-processing no longer functions in CAMWorks 2026. Consequently, customized post-processors utilizing VB Scripting fail to generate correct NC code or execute scripted dialogs.
7.	CW-143096	CSR-30510	UIF	In the Czech language version of CAMWorks, the 'Advanced' tab for Turning operations contains UI layout errors where text strings under the 'Fixture avoidance' and 'Segments' sections overlap. Additionally, the 'Fixture avoidance' group box label is partially missing, making the parameters difficult to read and select.

Sr. No.	CPR Number	Help Desk ID	Area	Description
8.	CW-143077	CSR-30487	Toolpath	In Turn mode, an inconsistency exists between the User Interface and the posted NC code when 'Canned cycle' and 'Tool nose compensation' are simultaneously enabled for a Turn Rough operation. Under these conditions, the 'Lead in/out' tab incorrectly prevents any parameter entry, that results in the NC code omitting necessary clearance moves. This can lead to part gouging or machine crash.
9.	CW-142954	CSR-30436	Toolpath	In Turn and Mill-Turn modes, generating toolpaths for canned rough operations incorrectly applies the X and Z allowances to the feature geometry in the posted NC code and CL data. This causes the output coordinates to differ from the actual feature dimensions after a "Generate Toolpath" (GTP) command is executed.
10.	CW-142930	CSR-30390	Help	The CAMWorks Help documentation for the 'Bar Break' feature contains minor grammatical errors and lacks sufficient technical detail for the NC tab parameters. This leads to potential user confusion regarding the parameter's functionality.
11.	CW-142868	CSR-30385	System	When the specific Mill part is opened in the SOLIDWORKS application that has CAMWorks loaded as an add-in, it causes SLIDWORKS to crash. This is due to corrupted 5 Axis Mill operation data.
12.	CW-142808	CSR-30404	Translation	In the Polish language version of CAMWorks, an error messages get displayed and the controls appear blank when selecting the 'Gouge Checking' tab in the Operation Parameters dialog box for a Multiaxis Mill operation.
13.	CW-142761	30361	Simulation	In Swiss Turn mode, the toolpath simulation incorrectly triggers a "Rapid Collision" alarm for grooving operations between the tool and the stock. While the simulation pauses and reports a crash, no physical collision exists in the calculated toolpath or the generated G-code. This false-positive error is specific to Swiss Turn operations and is not observed in standard Turn mode.
14.	CW-142745	CSR-30328	Machine Awareness	For the specific Mill-Turn part, the Sub Spindle parameters fail to display the Collet Fixture in the CAMWorks display area.
15.	CW-142744	CSR-30327	Simulation	In Swiss Turn mode, a discrepancy exists between Step Through and Toolpath Simulation when using User Defined Tools (UDT). While Simulation displays the correct guide bushing and collet positions, Step Through incorrectly calculates the holding location, placing the Guide Bushing far away from the part and out of sync with the tool. This issue is specifically observed in Inch mode.

Sr. No.	CPR Number	Help Desk ID	Area	Description
16.	CW-142741	CSR-30293	Add-In	In CAMWorks 2026, opening a file with external references incorrectly forces the SOLIDWORKS system option 'Load referenced documents' to 'All'. This behavior overrides the user's global preference (such as 'None'), causing unintended data to load for all subsequent files opened during the SOLIDWORKS session.
17.	CW-142695	CSR-30195	Post	For the specific custom Post Processor, CAMWorks crashes when generating the NC code for a Multiaxis toolpath with subroutines enabled. This issue occurs when the 'All operations' option is selected for Output Subroutines.
18.	CW-142687	CSR-30291	Simulation	For complex Mill and Turn parts, linear pattern features with skipped instances exhibit abnormal behavior during Step Through toolpath and Toolpath Simulation. Specifically, certain active pattern instances are incorrectly omitted from the visual simulation, even though the NC output remains correct.
19.	CW-142682	CSR-30264	Simulation	In the Machine Definition utility, when a new Mill-Turn machine is created with the Tool Post Mount type set to 'Pattern', the Tool Blocks get displayed reversed along the X-axis in the Machine Awareness display.
20.	CW-142680	CSR-30275	TechDB	In the CAMWorks TechDB, modifying the 'Tip Angle' of a Drill tool causes the 'Tip Length' parameter to incorrectly reset to zero. Additionally, any manually input value for the Tip Length fails to be saved.
21.	CW-142660	CSR-30237	Simulation	For the specific Mill-Turn part, during simulation, the Sub Spindle and part incorrectly move past the Main Spindle during the simulation of the last Turn Setup. This visual error occurs after the Sub Spindle has moved the part to the Home position.
22.	CW-142585	CSR-30239	Feature	In Turn mode, when defining joins for a Turn feature, only the 'Straight' option gets saved. Any other Join type selected incorrectly reverts to 'Straight' upon saving or editing the feature.
23.	CW-142547	CSR-30216	Toolpath	When the 'CNC Compensation' is active and the 'Gouge Check' option is checked under the Lead-in tab of the Operation Parameters dialog box, the Contour Mill toolpath with Tab Cutting enabled generates an incorrect extended lead-in line.
24.	CW-142533	CSR-30140	Simulation	For the specific Swiss Turn part, the Step Through toolpath simulation fails to correctly observe Sub Spindle operations and synchronization codes. This results in the main spindle incorrectly colliding with the guide bushing during simulation before jumping to the correct position.

Sr. No.	CPR Number	Help Desk ID	Area	Description
25.	CW-142522	CSR-30204	TechDB	In the TechDB, when editing the Cutting Parameters for a Mill tool, the Surface Speed (SFM/SMM) fails to update correctly when the Spindle Speed (RPM) is modified. This results in the Surface Speed defaulting to an incorrect value.
26.	CW-142462	CSR-30178	Swiss Turn	For the specific Swiss Turn part, when the Main and Sub Spindles are defined using SOLIDWORKS Coordinate Systems, the Tool Holder orientation on the Sub Spindle displays incorrectly. This results in the generation of incorrect toolpaths.
27.	CW-142461	CSR-30017	Swiss Turn	In CAMWorks 2026 SP0, the default Machine Simulation Controller for Swiss Turn machines is incorrectly named "APTONLY". This is misleading as APT-based simulation is not supported for Swiss Turn machines.
28.	CW-142454	CSR-30160 CSR-30431 CSR-30457 CSR-30516	UIF	For the specific Assembly, toolpaths fail to display in the graphics area if the Stock Display options for "Operation Node" and "Setup Node" are disabled. This visibility issue occurs when the Machine Aware display is also turned off, preventing the toolpath from being seen when selecting operations in the CAMWorks Operation tree.
29.	CW-142374	CSR-30125	Swiss Turn	For the specific Swiss Turn machine, the 'Fixture in Positive Z' setting under the Setup tab of the Machine dialog box is not retained. The setting incorrectly reverts to 'User Defined' after navigating back to the Machine tab, causing the assigned SOLIDWORKS Coordinate Systems to be deselected.
30.	CW-142353	CSR-30124	Mill-Turn	In Turn and Mill-Turn modes, the Sub Spindle Coordinate System incorrectly resets or shifts when the Main Spindle coordinate system is edited. This issue occurs even when no actual changes are made to the Main Spindle parameters, causing the Sub Spindle to lose its assigned settings or revert to a user-defined state.
31.	CW-142322	CSR-30128	Simulation	In Swiss Turn mode, the Z-axis Coordinates displayed during Step Through toolpath simulation for Sub Spindle operations are incorrect. The coordinates do not reflect the defined Fixture Coordinate System (FCS), showing negative Z values when positive values are expected.
32.	CW-142258	CSR-30097	ShopFloor	The CAMWorks ShopFloor installation incorrectly creates a duplicate registry key named "Microsoft " (with a trailing space character) under 'HKCU\Software'. This results in two keys named Microsoft existing simultaneously in the registry.

Sr. No.	CPR Number	Help Desk ID	Area	Description
33.	CW-142241	CSR-30079	TechDB	In the TechDB, using the Sort function on any feature condition other than ID causes the selection to highlight an incorrect position upon the first click. This behavior is observed when sorting conditions such as diameter in ascending or descending order for Mill features.
34.	CW-142215	CSR-30062	Feature	For the specific Mill part, an Irregular Slot feature is incorrectly recognized with a taper angle despite the geometry being straight. This results in the generation of an incorrect toolpath.
35.	CW-141924	CSR-29979	Feature	In Mill mode, the CAMWorks application incorrectly prevents the selection of construction geometry for feature creation at the sketch segment level.
36.	CW-141869	CSR-29976	System	To improve performance, all Feedback Program analytics calls need to be moved to a separate asynchronous thread to prevent the application from hanging when the program is active.
37.	CW-141774	CSR-29935	Toolpath	For any Contour Mill operation with 'Toolpath center' set to 'Without compensation', the tool incorrectly executes Z-axis retract moves for every cut depth when Spring passes and 'Single cut depth' are enabled.
38.	CW-141758	CSR-29878	System	When opening the specific Assembly, the SOLIDWORKS application crashes upon opening if the CAMWorks Add-in is active.
39.	CW-141572	CSR-29842	Help	In Assembly mode, the Help button in the 'NC Planes' tab of the Setup Parameters dialog box does not function when clicked.
40.	CW-141570	---	Help	In the CAMWorks Help file, a typographical error needs to be corrected where the 'Import Machine' command button is incorrectly referred to as the 'Export Machine' button.
41.	CW-141557	CSR-29820	UIF	In the Machine Definition dialog box, the "Sub-spindle support" status in the Current Machine grid fails to update dynamically when switching from a non-sub-spindle machine or controller to a machine with Sub Spindle capacity. The UI incorrectly indicates that a Sub Spindle is unavailable until the Machine dialog box is manually closed and reopened.
42.	CW-141437	CSR-29795	Turn	In Turn mode, the Work in Process (WIP) model of the stock fails to update when a Groove Rough operation is performed using a tool with a round insert.

Sr. No.	CPR Number	Help Desk ID	Area	Description
43.	CW-141428	CSR-29769	API	When using the CAMWorks API in Turn and Mill-Turn modules, it is not possible to correctly assign a Main or Sub Spindle Fixture Coordinate System using a SOLIDWORKS Coordinate System. The existing API method fails to differentiate between spindles, resulting in Coordinate Systems that are either ignored, inverted, or incorrectly positioned until manually edited in the Property Manager
44.	CW-141401	CSR-29772	Toolpath	For the specific Assembly, the Rough Mill toolpath incorrectly ignores the 'Minimum Diameter' setting when the pattern is set to 'Spiral Out' and fixtures are selected as Avoid Areas.
45.	CW-141345	CSR-29722	Toolpath	For the specific Assembly, generating a toolpath for a Part Perimeter feature incorrectly segments the arc moves into linear moves. However, in Part mode, the same geometry generates correctly.
46.	CW-141341	CSR-29712	Toolpath	For the specific Mill part, the toolpath for a Corner Slot feature fails to generate correctly for certain tool diameters when using the 'Offset Roughing' pattern.
47.	CW-141121	CSR-29630	API	The 'MirrorOperationsInSetup.swp' macro fails to function correctly when attempting to mirror operations by selecting a sketch entity.
48.	CW-141070	CSR-29658	Feature	For the specific Assembly, an error message incorrectly prevents the creation of a Part Perimeter feature in an existing Setup due to decimal inaccuracies in the face normal of imported bodies.
49.	CW-140928	CSR-26914	Assembly	CAMWorks crashes when attempting to open the specific assembly file containing corrupted Part Instances data.
50.	CW-140895	CSR-29609	VoluMill	New registry entries 'VMAdjustFeedrateHelix' and 'VMAdjustFeedrateRamp' need to be added. It will allow users to maintain a constant Leadin feedrate during helical or ramp entries in VoluMill operations.
51.	CW-140804	CSR-29546	API	When a machine change is performed via API, right-clicking on a Mill Part Setup incorrectly triggers an 'Improper mouse click' error or a system crash because default axes were not properly updated.
52.	CW-140727	CSR-29520	Setup Sheet	For the Ream tools, the 'Flute Length' and 'Tool Material' parameters are found missing in Setup Sheet files generated in XML format.
53.	CW-140410	CSR-29414	Post	CAMWorks crashes during Post Processing if an operation has an extremely long name and the Post Processor's operation description attribute lacks a defined length parameter (ATTRINLEN=100).

Sr. No.	CPR Number	Help Desk ID	Area	Description
54.	CW-140152	CSR-29392	Feature	For the specific Assembly, coaxial hole features are recognized with their cylinders in the incorrect order. This results in an incorrect graphical display and improper toolpath depth calculation for the affected hole features.
55.	CW-139980	CSR-29364	UIF	In Mill-Turn and Swiss Turn modes, the Step Through and Simulation displays incorrectly show negative Z-axis values for operations on the Sub Spindle, regardless of the Coordinate System orientation or Polar mode settings. This visualization error causes the Z-axis rapid points and machining coordinates to appear out of sync with the actual toolpath, although the generated NC code remains correct.
56.	CW-139909	CSR-29348	Toolpath	For the specific Assembly, toolpaths in the same setup incorrectly rotates by 90 degrees after being regenerated or recalculated.
57.	CW-139568	CSR-29208	Simulation	For the specific Mill-Turn part, the Simulation incorrectly displays the chuck moving towards the Sub Spindle and fails to respect the defined fixture locations on Mill setups.
58.	CW-139022	CSR-29134	Simulation	For the specific Mill part, using the 'Shift+Simulate' command for a Multiaxis operation with a 3-Axis toolpath type results in an incorrect color comparison display. The Simulation incorrectly indicates gouges on th epart model when the stock is compared to the target model, even though the toolpath is correct.
59.	CW-137961	CSR-28886	Feature	For the specific Assembly, an Irregular Pocket feature is incorrectly identified as having a chamfer instead of a taper, resulting in an incomplete toolpath.
60.	CW-137294	CSR-28664	Feature	For the specific Assembly, the 'Faces by Color' selection method fails to detect colors on part faces when assembly-level features are present.
61.	CW-136895	CSR-28505	UIF	In Mill mode, the 'First peck amt' parameter in the Operation Parameters dialog box is incorrectly disabled for standard drills and enabled for countersink tools during normal pecking operations.
62.	CW-135783	CSR-28364	Rebuild	In Assembly mode, setup origins defined using sketch points fail to update to the correct location after assembly mates are modified and a rebuild command is executed.
63.	CW-133241	CSR-27696	Feature	For the specific Turn part, the Automatic Feature Recognition (AFR) process fails to identify Outer Diameter (OD) features when using the 'Revolved Section' method. This geometry-specific issue causes the generated profile to ignore certain faces on the perimeter of the part, preventing the creation of necessary turn features for machining.

Sr. No.	CPR Number	Help Desk ID	Area	Description
64.	CW-132208	CSR-27406	Toolpath	For the specific Mill-Turn part, a Bore Rough canned cycle incorrectly generates an extraneous diagonal move at the end of the feature profile. This move is not visible in Step Through or toolpath editing but is output to the NC code, causing machine alarms due to the unintended change in direction.
65.	CW-132076	CSR-27376	Toolpath	For the specific Mill part, the Contour Mill toolpath generated for a Part Perimeter feature is incorrect when 'Toolpath center' is set to 'Without compensation' and 'Limited look ahead' is active.
66.	CW-132070	CSR-27370	Rebuild	In Mill mode, when executing a rebuild on a Curve feature created from a 3D sketch causes arc segments to incorrectly invert, leading to an incorrect toolpath.
67.	CW-131914	CSR-27319	VoluMill	For the specific Assembly, the Area Clearance toolpath using the VoluMill pattern incorrectly generates extra moves that gouges the part when 'WIP' is enabled.
68.	CW-129792	CSR-26704	Simulation	During toolpath simulation, the color comparison result is incorrect when the model contains surface bodies with a zero offset, incorrectly indicating gouges on the part.
69.	CW-129710	CSR-26581	Toolpath	For any Contour Mill operation on a pocket feature, Leadout moves are generated incorrectly when 'Rest machining' is applied and a single spring pass is specified.
70.	CW-128884	CSR-26361	Assembly	In Assembly mode, the Machine Fixture Coordinate System (FCS) fails to update its origin and axis data when switching between different SOLIDWORKS configurations.
71.	CW-123760	CSR-24129	Simulation	In Turn and Mill-Turn mode, the simulation fails to detect collisions between the tool holder and the stock when 'Y-axis collision' detection is disabled.
72.	CW-123306	CSR-23994	Toolpath	In Mill mode, Rough Mill and Contour Mill toolpaths incorrectly ignore the island features within an Irregular Slot feature, resulting in part overcutting.
73.	CW-120259	CSR-22623	API	A new API needs to be provided which allows users to programmatically set the orientation view (e.g., XY, -XY) for images generated in the Setup Sheet.
74.	CW-116468	CSR-20998	Feature	For the specific Mill part, the 'Curve Projection' pattern in a Multiaxis operation fails to correctly follow a 3D sketch extracted from a helical surface. This issue occurs when the sketch contains complex spline data, resulting in an incorrectly defined curve feature and an incomplete toolpath.

Sr. No.	CPR Number	Help Desk ID	Area	Description
75.	CW-116090	CSR-20811	System	For complex Mill parts, significant performance delay occurs when attempting to create Contain or Avoid areas from sketches containing a high number of entities (approximately 8,000 or more). The excessive computation time causes the application to appear unresponsive for several minutes during the selection process.
76.	CW-98515	CSR-12552 CSR-29263	UIF	In the 'Link Operations' and 'Unlink Operations' dialog boxes, the window size is too small to view the complete name of operations when they have long or similar naming conventions. Additionally, there is a lack of tooltips to help identify specific operations, making it difficult for users to distinguish between them before linking or unlinking.

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 does eliminate 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-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 machine posting tab, which is correctly used when only 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's posted with turn toolpaths.
4.	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.
5.	CW-140083	CSR-29383	TechDB	For the custom TechDB, due to data corruption, all fields under Mill >> Default Feature Strategies appear empty.
6.	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 doesn't respond when clicked. However, recreating the assembly restores toolbar functionality.
7.	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.

Sr. No.	CPR Number	Help Desk ID	Area	Description
8.	CW-138272	CSR-28996	Assembly	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 SOLIDWORKS application settings.
9.	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.
10.	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 persist the change. After saving, closing, and reopening the part, the option is active again.
11.	CW-137939	CSR-28885	Help	Turn tool error message Thread Insert Thread Effective Length Exceeds Length.
12.	CW-137918	CSR-28875	Toolpath	For a specific Mill part, the Contour Mill toolpath generated for a curve feature does not start 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.
13.	CW-137740	CSR-28851	Post	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 the checkbox setting.
14.	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 gets generated which gouges the part.
15.	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.
16.	CW-137571	CSR-28752	TechDB	The specific CAMWorks 2023 TechDB fails to import correctly into the 2024 SQL Server, resulting in corrupted data display.

Sr. No.	CPR Number	Help Desk ID	Area	Description
17.	CW-136979	CSR-28584	Toolpath	For the Contour Mill operations when the Single Cut Depth checkbox option is checked, an extra Z-axis move is generated in Contour Mill operation. 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.
18.	CW-136900	CSR-28547	Toolpath	For the specific Turn part, the bar break move is not generated in 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. Interestingly, 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.
19.	CW-135784	CSR-28365	Feature	For the specific Assembly, the Island sketch is not recognized when creating assembly features on a pocket sketch in CAMWorks. Although the Pocket Geometry sketch is selectable, the Island sketch fails to appear in the selection window and triggers a warning message.
20.	CW-135376	CSR-28236	Toolpath	For the specific Mill part, the face milling toolpath generates unwanted arc moves that result in gouging 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, which contains islands.
21.	CW-135343	CSR-28214	Post	The work coordinate (e.g., G55) does not output during post-processing when a setup includes un-generated combined features. Removing these features or using a smaller tool that allows toolpath generation resolves the issue.
22.	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 in CAMWorks. This issue affects both metric and imperial unit databases.

Sr. No.	CPR Number	Help Desk ID	Area	Description
23.	CW-134945	CSR-28078	System	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 CAMWorks Virtual Machine. If negative X-axis geometry is unsupported, an error should be shown during MT file creation; otherwise, the tool display logic needs correction.
24.	CW-134910	CSR-28101	Post	In 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.
25.	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.
26.	CW-134471	CSR-28008	Feature	For the specific Mill-Turn part, an error occurs during manual feature insertion when attempting to define a hole feature on an angled surface in a milling setup. Selecting the cylindrical edge or surface and entering 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.
27.	CW-134368	CSR-27996	Assembly	For the specific assembly file, 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.

Sr. No.	CPR Number	Help Desk ID	Area	Description
28.	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 ability of Automatic Feature Recognition (AFR) to interpret SolidWorks stud geometry as valid machinable features.
29.	CW-133363	CSR-27398	Feature	For the specific Mill part, the interactive 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 creation in the mill part setup.
30.	CW-133354	CSR-27398	Feature	For the specific Mill part, the Automatic Feature Recognition (AFR) method fails to correctly identify islands when the geometry includes condensed island features with uneven height. Out of four islands, two taller islands are not detected, resulting in incomplete feature recognition.
31.	CW-133048	CSR-27673	Feature	For the specific Mill part, *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.
32.	CW-133017	CSR-27650	Feed Speed	When pasting data into the Feed/Speed editor, the pasted rows do not save unless a field 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. You need to edit a field in the pasted data to trigger the save functionality, which is not intuitive.
33.	CW-133016	CSR-27650	Feed Speed	In the Feed/Speed Library, 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.

Sr. No.	CPR Number	Help Desk ID	Area	Description
34.	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 entered before the decimal point (e.g., "0.123").
35.	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 occurs unless the 'Quality' parameter under the Rest tab is set to 'Fine', in which case the toolpath generates successfully.
36.	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.
37.	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.
38.	CW-131913	CSR-27317	Toolpath	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 system hang. This becomes more problematic when tool parameters are edited across multiple operations, requiring the user to dismiss hundreds of repeated messages.
39.	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 by *Previous leftover*. The issue does not occur when *Leftover WIP* is defined by *From simulation* or when operations are reordered or regenerated. The finishing toolpath behaves correctly, but the roughing toolpath fails to consider the feature geometry and stock as defined.

Sr. No.	CPR Number	Help Desk ID	Area	Description
40.	CW-129793	CSR-26700	Toolpath	When using a Button tool for a Finish Groove operation, the tool 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.
41.	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.
42.	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, displaying an error message. Additionally, the toolpath does not respect the defined avoid features and incorrectly machines the entire multisurface feature. The issue resolves when the contain area sketch is suppressed or avoid features are removed.
43.	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 toolpath creation entirely, blocking further machining steps.
44.	CW-125339	CSR-25100	Rebuild	For the specific Turn part, the Join Section is removed from the ID feature after performing a CAMWorks Rebuild. As a result, the associated Bore Rough toolpath updates incorrectly.
45.	CW-125245	CSR-25011	Simulation	For the specific Turn part, the simulation view displays incorrect orientation in the threaded portion when using section views during simulation. The threading area appears to rotate inconsistently compared to the rest of the part, making the visual output misleading.
46.	CW-124760	CSR-24244	Stock	Mill Stock Profile Changes Unexpectedly.
47.	CW-122083	CSR-23517	Toolpath	For the specific Mill part, poor toolpath quality is observed in the Swarf Mill operation on 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.

Sr. No.	CPR Number	Help Desk ID	Area	Description
48.	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.
49.	CW-114803	CSR-19993	VoluMill	For the specific Mill part, VoluMill fails to recognize WIP when reopening CAMWorks and using Previous Leftover for rest machining. The second roughing operation generates toolpath for the entire pocket instead of only the remaining material. The issue resolves only after manually regenerating the first roughing operation, indicating a flaw in automatic WIP recognition across sessions.
50.	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.
51.	CW-113050	CSR-19148	System	The performance of CAMWorks is significantly affected when working with a Mill part that contains a large 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.
52.	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 for post-processing to ensure 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 in mill operations prevents this safety feature from being used by customers.
53.	CW-100828	CSR-13381	API	Request to provide an API that returns a list of tools used from the active tool crib.

Sr. No.	CPR Number	Help Desk ID	Area	Description
54.	CW-65973	11-8392	UIF	In the Tool Select Filter menu, the Tab key does not function as expected. After entering 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 column and for the default value to be greater than 9.