Resolved CPRs

CAMWorks 2025 SP5

* 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.	CW-142379	CSR-30129	Installation	During the installation of *CAMWorks 2025 SP5*, an incorrect warning message stating that a supported SOLIDWORKS setup was not found appears when the installer detects either 3D Experience SOLIDWORKS 2026 or SOLIDWORKS 2026. Although the installation proceeds correctly if the user clicks OK to continue with the installation, this misleading message needs to be removed from the installation routine to avoid confusion.
2.	CW-141754	CSR-29585	Simulation	The **SETHOMEPOS** command within the Eureka Script incorrectly processes positional values as metric (mm) even when the CAMWorks project is explicitly set to 'Inch' units (G20). Consequently, when executing **HOME** commands based on the set home position, the machine table moves to the metric equivalent (E.g.: X250mm, Y250mm) instead of the expected inch values (X250in, Y250in).
3.	CW-141295	CSR-29718	System	The CAMWorks application crashes when attempting to edit a Multisurface feature for the specific Mill part. Switching the Display tab from the Operation tree to the Feature tree and selecting the last Multisurface feature also causes the CAMWorks application to crash.
4.	CW-141049	CSR-29643	Rebuild	For the specific Mill part, a toolpath rebuild issue is observed for a 2.5 Axis Curve feature built on an equation-driven sketch. After modifying the sketch geometry by changing some parameters of the spiral curve, the associated toolpath fails to update to the new geometry, even when a rebuild is executed or the toolpath is manually refreshed. The system fails to display a warning that the trajectory is not updated. The toolpath only updates correctly after you delete the current feature choice and replace it with the updated sketch profile.

Sr. No.	CPR Number	Help Desk ID	Area	Description
5.	CW-140271	CSR-29453	Simulation	In Assembly mode, when running simulation in Turbo mode for Milling operations under Mill setups beyond the first one, the stock display is incorrect. For parts mounted on a tombstone fixture with stock defined as a bounding box and cylindrical shape individually, when simulating in Turbo mode, the milling operation from the second mill part setup onwards, the stock display is incorrect, and the cylindrical stock is not shown properly. If there are multiple instances, the stock for only the first instance is displayed in the graphics area. Furthermore, selecting the stock for the second instance using the "Pick the stock to simulate" option does not work, as the stock for the first instance remains visible.
6.	CW-140247	CSR-29435	UIF	For a Contour Mill operation using a Countersink tool (or Center drill tool) for Chamfer Machining, modifying the feed parameters while the *Link to tool* checkbox option under the F/S tab is unchecked does not save the changes. After modifying the value and closing and reopening the operation, the feed parameter reverts to its original value. This behavior is observed specifically with Countersink and Center drill tools and works correctly for other tool types.
7.	CW-139743	CSR-29317	Toolpath	For the specific Mill part, for its Contour Mill operation, when Depth Processing is set to *Depth by region*, the toolpath does not execute a rapid move to the clearance plane and a rapid Z-down move for the second and subsequent depth passes. Instead, the tool feeds down in Z from the rapid clearance plane. The expected behavior is that the tool should rapid to the Rapid Clearance plane, then move to the start point while avoiding the specified sketch area, and then rapid down.
8.	CW-139700	CSR-29300	Assembly	For the specific Assembly file, the Thread Mill toolpaths fail to generate when fixtures are actively selected under Avoid Fixtures in Mill Part Setup. This issue is due to Thread Mill operations improperly interpreting fixture information. This is inconsistent as all other operations under the same setup with identical fixtures selected for avoidance generate toolpaths correctly.
9.	CW-139216	CSR-29191	UIF	In Assembly mode, when attempting to set the Spindle Speed for a Sub-Spindle operation, specifically when adding a Spindle Speed value, the input value reverts to zero. This issue is confined to Assembly mode, as the spindle speed value can be successfully modified in Part mode.

Sr. No.	CPR Number	Help Desk ID	Area	Description
10.	CW-138004	CSR-28888	Toolpath	For a Contour Mill operation with the Toolpath center set to Without compensation and Tab Cutting enabled with Feedover selected under the Leadin/Leadout tab, the tool incorrectly moves up to the Clearance Plane around the tabs. This is observed when displaying the toolpath at G-code coordinates. The toolpath should execute a Feed over move as defined in the tab settings and not a retract to the clearance plane. However, if the Limited Look ahead (Gouge Check) option under NC tab is checked, the toolpath generates correctly.
11.	CW-137699	CSR-28828	Feature	For a Mill-Turn part that contains an irregular pocket feature with an island that was constructed using the Combine solid feature, the Wrap feature fails to get recognized and displays an error message. This issue is observed when attempting to create the wrap pocket feature with an island and clicking OK to close the Feature Creation dialog box.
12.	CW-137557	CSR-28743	VoluMill	The 3 Axis VoluMill toolpath is incorrectly machining the entire stock area at the Adaptive Cut Level depths. Under the Area Clearance tab, when the Max Cut Amount is 9mm and the Cut Amount is 3mm, the toolpath should only machine close to the part model at the secondary Adaptive cut levels (6mm and 3mm). However, simulation shows excessive air cutting in unneeded areas at these levels, significantly wasting cycle time. This issue persists even when Rest Machining is set to WIP. The air moves are eliminated if the Cut Amount is changed to 5mm. This behavior is observed for large parts and when an Avoid Area is added as a sketch.
13.	CW-119127	CSR-22561	Rebuild	The automatic rebuild of the Part Bounding Box vertex fails to occur when the bounding box gets altered due to hiding or showing SOLIDWORKS surface bodies. User has to manually select Tools>CAMWorks>Rebuild after showing the surface bodies for the Coordinate System definition to update and include them in the Part Bounding Box. The expected behavior is that this rebuild should happen automatically, or you should be prompted to rebuild. Even after executing a manual rebuild, the surface bodies are still not correctly considered by the Part Bounding Box definition.

Sr. No.	CPR Number	Help Desk ID	Area	Description
14.	CW-115498	CSR-20539	Toolpath	For the specific Mill part, the toolpath for one of its Open Profile Feature fails to generate correctly. If the Open Profile feature has been created with a 25-degree taper, and Allowance value set to '0', the resultant Contour Mill toolpath generated ends up gouging the feature area. The toolpath only works correctly and avoids gouging when an Allowance value is applied.

CAMWorks 2025 SP4

* 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-2175	CSR-25844	Toolpath	For the Z-Level operations, contrary to Help documentation, the "Use Entry Holes" option remains available even when the Cut Type is set to Helical. Additionally, when set to Z-Level, selecting a hole center for lead-in fails to adjust the toolpath, resulting in gouging along the cylinder sidewall profile.
2.	CW-139503	CSR-29232	Toolpath	For the specific Mill part, the Curve feature is created from a sketch. The toolpath for the Contour Mill operation generated for this feature is incomplete and only displays the lead-in moves. However, the toolpaths for Contour Mill operations generated for Curve Feature created from edges or a Boss feature created from the same sketch are generated correctly.
3.	CW-138104	CSR-28941	Toolpath	For the specific Mill-Turn part, the toolpath fails to generate by assigning a specific tool from the front turret when a user-defined holder is assigned to that tool.
4.	CW-137922	CSR-28873	Simulation	For the specific Mill part's Contour Mill operation, Ramping is enabled and the toolpath Center is set to 'Without Compensation'. During simulation, the toolpath for this operation incorrectly displays the tool moving to the center of the part after each pattern instance. However, there is no error in the output posted code. Simulation is corrected if ramping is disabled.
5.	CW-107778	CSR-15720	Toolpath	For the specific Assembly file, the Contour Mill toolpath generated for a rest-machined Irregular Boss feature does not apply Leadin and Leadout moves on the second depth. The issue is observed when the 'Depth processing' is set to 'By region', while it works correctly when set to 'By level' or when Rest Machining is set to 'None'.

CAMWorks 2025 SP3

* 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.	CW-139586	CSR-26007	Simulation	When simulating a specific programmed part configured in inches using the CAMWorks Virtual Machine application, the Q value in the G87 line is incorrectly processed as a metric value. This occurs after the simulation hits the first breakpoint. Despite the simulation environment being set to inches, the controller interprets the Q value using metric units, leading to incorrect behavior during execution.
2.	CW-139562	CSR-28877	Simulation	When simulating a specific programmed part model using the CAMWorks Virtual Machine application, the Sub Spindle retracts only 15 inches instead of returning to its designated home position during machining. The G55 Offset is incorrectly derived from the Full Spindle distance instead of the actual retraction length. This leads to misalignment in both simulation and toolpath execution.
3.	CW-138817	CSR-29151	Toolpath	In CAMWorks 2025 SP2 version, the toolpath Start Point is not displayed for Rough Mill and Contour Mill operations generated for certain 2.5 Axis Features except Curve features and Hole features.
4.	CW-138337	CSR-28877	Post	In CAMWorks 2025, when multiple G54 work offsets are defined for a Virtual machine, the initial G54 Z offset is not retained or displayed correctly. The initial G54 Z offset when multiple G54s are present should be captured and displayed.
5.	CW-138102 CW-138019	CSR-28949 CSR-28895	TechDB	For the specific custom TechDB, the Inch units section is missing the Default Operation Parameters for the Probe cycle.
6.	CW-138024	CSR-28858	Post	For any assembly, if Setup Origin is selected under the Setup's Origin tab, the post variables OPR_Z_RAPID_PLANE and OPR_Z_CLEARANCE in a Probe operation should output values relative to the Setup Origin, regardless of the Reference Part and Setup selections in the Posting tab. Currently, these variables are incorrectly posted based on the Reference Part and Setup, unless manually deselected, resulting in incorrect Z values.

Sr. No.	CPR Number	Help Desk ID	Area	Description
7.	CW-137984	CSR-28899	UIF	In Mill-Assembly mode, the *Tool Crib Priority* checkbox setting is not retained when edited from the *Tool Crib* node in the Tool Tree. After placing a check in the checkbox and confirming the change, reopening the dialog box shows this setting reverted. However, this issue is not observed when the same setting is modified from the Machine node in the Operation Tree.
8.	CW-137978	CSR-28880	Toolpath	For the specific Assembly, the perimeter of a Boss feature is machined twice when the *Optimize between groups* checkbox is checked in the *Optimize tab* of the *Operation Parameters* dialog. This occurs due to the generation of a duplicate toolpath.
9.	CW-137897	CSR-28879	Assembly	For the specific Assembly, the lower stock part fails to account for WIP and stock conditions during toolpath generation. For Area Clearance, the toolpath does not reflect the expected stock engagement or depth of cut values, thus indicating that the stock condition is being ignored.
10.	CW-137772	CSR-28847	Translation	In the Spanish language version of CAMWorks, multiple parameters under the Turn Rough tab and Thread tab of the Operation Parameters dialog box are incorrectly translated.
11.	CW-137615	CSR-28585	Operation	For the specific Mill-Turn part, an incorrect tool is assigned for the Turn Thread operation when the *Generate Operation Plan* command is executed.
12.	CW-137431	CSR-28701	Performance	For the specific part file, a noticeable delay occurs when interacting with the Turn Face operation after linking a *User Defined Turn* tool from a SOLIDWORKS assembly. Actions such as rotating the part or opening the Operation Parameters dialog box take significantly longer to respond compared to when a default turning tool from the Tool Crib is used. This delay is only observed when the *User Defined Tool* is linked via the assembly and not when using standard tools.
13.	CW-137076	CSR-28591	Application	In CAMWorks, when using Fixture Coordinate System or User Defined Coordinate System, the rotary and tilt axis display under the *Machine* tab of *Machine* dialog box does not update after a model rebuild. The display only refreshes when the machine node is manually edited and confirmed. This issue persists even after deleting operations and features, and no update occurs if rebuild is not triggered.

Sr. No.	CPR Number	Help Desk ID	Area	Description
14.	CW-137032	CSR-28614	Assembly	For the specific Assembly, inserting a Face feature results in inconsistent behavior across different parts. While the feature may appear correct for one part, it is incorrect for others, even when identical steps are followed.
15.	CW-136914	CSR-28570	Toolpath	In CAMWorks, variable allowance set for OD Turn Finish is not applied correctly during toolpath generation, even though all feature segments are assigned a radial X value of -0.01mm. The issue does not occur when using a constant allowance.
16.	CW-136805	CSR-28520	TechDB	In TechDB, when a Milling tool is created in a non-English language with "Hand of Cut" set to "Right", switching the language back to English causes the *Hand of Cut* display to reverse incorrectly. This issue affects all tool types, including user-defined tools.
17.	CW-135339	CSR-28230	Toolpath	For the specific Mill part, when the *Toolpath Center* is set to *Without Compensation* and the *Look Ahead* parameter is set to *Limited Look Ahead*, the generated toolpath produces incorrect arc values for operations with *Links between Side Passes* set to *Stay Down* or *Direct*. The arc radius is smaller than the tool radius, causing CNC machine errors. The issue does not occur with *Links between Side Passes* set to *Retract to Clearance*.
18.	CW-134370	CSR-27994	Toolpath	For the specific Mill part, one Contour Mill toolpath gets incorrectly generated inside another due to the feature being tapered and filleted. This toolpath must not follow the inner fillet chain, as it leads to inaccurate machining.
19.	CW-127100	CSR-25835 CSR-25927	Performance	For the specific Turn part, CAMWorks performance significantly degrades when a user-defined tool holder assembly is selected in the Holder tab. The slowdown occurs while rotating the part or switching tabs in Operation Parameter dialog box with the toolpath visible. However, performance remains normal when stepping through the toolpath with the holder display active.
20.	CW-125590	CSR-23458 CSR-26618	Operations	In Mill-Turn mode, if a mill operation is inserted for a feature with a sub-spindle attribute and operation parameters are copied from a main spindle operation, then the new operation is incorrectly inserted into the main spindle setup. Similarly, copying parameters from a sub-spindle operation to a main spindle feature causes the operation to be inserted in the Sub Spindle Setup. Spindle attributes are not respected when copying operation parameters.

Sr. No.	CPR Number	Help Desk ID	Area	Description
21.	CW-124997	CSR-24873	Toolpath	In CAMWorks, when toolpaths are copied or mirrored, the system-calculated feedrates within the *F/S* tab of the *Operation Parameters* dialog box are inconsistent. Despite identical settings, mirrored toolpaths do not replicate the original feedrates, especially during arc movements.

CAMWorks 2025 SP2

* 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.	CW-136688	CSR-28516	UIF	In the Spanish language version of CAMWorks 2025, the translation for some of the parameter names under the 'Face Finish' and 'Thread' tabs of the Operation Parameters dialog box are incorrect.
2.	CW-136673	CSR-28467	Toolpath	When the specific programmed Mill part is opened in CAMWorks 2025 SP1 or any previous version run on Windows 10, an incorrect angled Feed Move is visible for its Contour Mill operation. However, this incorrect move is removed when previewing the part from the Operation Parameters dialog box or regenerating the toolpath or when run on Windows 11.
3.	CW-136588	CSR-28532	UIF	In Turn mode, for Face Rough operations, the Preview window images for 'Start Length' and 'End Length' are incorrectly displayed when the respective fields are selected under the 'Feature Options' tab of the 'Operation Parameters' dialog box.
4.	CW-136341	CSR-28448	Graphics	In Turn and Mill-Turn modes, in certain instances, multiple CAMWorks graphics display area issues are observed related to random displays of double tools, incorrect stock, disappearing chucks, and other graphical anomalies.
5.	CW-136033	CSR-28359	UIF	In CAMWorks, when the Stock display option is set to 'Translucent', the Stock Manager randomly changes the stock already assigned within CAMWorks. This is observed when opening and closing various tabs after selecting or highlighting the Stock Manager.
6.	CW-135914	CSR-28410	UIF	For the specific Turn part, the Turn Thread definition in CAMWorks changes its pitch value unexpectedly when closing the Thread Feature definition without making any changes. This causes incorrect Thread associations and pitch values in the output G-code, leading to faulty NC code for machining parts.
7.	CW-135886	CSR-28394	Feed Speed	In CAMWorks 2025 version, the Tap Pitch for a 3/8-24 Fine Thread Tap is incorrectly calculated as 0.0394 Inches per revolution instead of 0.0417 Inches per revolution. Although TechDB displays the correct pitch, the operation uses the wrong value, leading to errors in G-code output.
8.	CW-135838	CSR-28333	Toolpath	In Turn mode of CAMWorks 2025, when a User Defined Tool is used for machining a Face Feature, the Face Finish toolpath generated is incorrect. This issue is not observed in any previous versions of CAMWorks.

Sr. No.	CPR Number	Help Desk ID	Area	Description
9.	CW-135782	CSR-28362	System	Opening the specific Mill part causes CAMWorks, which is loaded as an add-in within SOLIDWORKS, to crash.
10.	CW-135740	CSR-28343	System	Opening the specific Assembly file, causes CAMWorks, which is loaded as an add-in within SOLIDWORKS, to crash.
11.	CW-135726	CSR-28338	Assembly	In CAMWorks 2025, for the specific assembly file, the Mill feature created using an assembly sketch is initially incorrect but gets generates correctly upon Rebuild.
12.	CW-135725	CSR-28326	Toolpath	For Multiaxis operations, the Feedrate changes require multiple attempts before XY feeds are correctly updated in the Cutting Parameters dialog box invoked from Edit Tool Parameters window. Initial changes fail to reflect in the Preview window or posted code until the process is repeated and the operation is regenerated. This issue is causing delays and inefficiencies.
13.	CW-135629	CSR-28284	UIF	When using any user-defined Tool Insert or/and Holder, the B axis Incremental Angle does not display in the Tool Preview window or during StepThrough Toolpath execution. This causes inaccuracies in the simulation and preview.
14.	CW-135520	CSR-28266	API	When the "ChangeFeatStrategy.swp" macro is executed for the specific Mill part, an error message that states "A serious error occurred during macro playback. Perhaps the macro was not planed in the correct context. The system could be in an unstable state now." If the macro is run for a second time, CAMWorks crashes.
15.	CW-135014	CSR-28112	System	For the specific Turn part, when creating a new Sub Spindle operation, CAMWorks crashes. This issue is observed only when the 'Name operation on creation' checkbox option within the *New Sub Spindle Operation* dialog box is checked.
16.	CW-134849	CSR-28087	Toolpath	For the specific Mill part, when the step over value is set to exactly 15% for the Rough Mill operation, it results in generation of incorrect toolpath with an inconsistent move. However, the toolpath generates correctly if the step over value is adjusted to less than 14.9899% or greater than 15.0011%.

Sr. No.	CPR Number	Help Desk ID	Area	Description
17.	CW-134728	CSR-28045	Toolpath	For Contour Mill operations generated for Circular profiles or Hole features, checking the 'Single Cut Depth' checkbox option under the 'Finish passes' group box within the 'Side Parameters' dialog box generates an incorrect toolpath. The toolpath ramps down from the perimeter of the circular pocket to the next Z depth, causing gouging due to improper cutter compensation. The toolpath generates correctly if the 'Single Cut Depth' checkbox option is unchecked.
18.	CW-134549	CSR-28031	Shopfloor	For any Turn part, if the Main Spindle Coordinate System has a Z axis definition or selection by face, publishing such a part in *CAMWorks ShopFloor* results in incorrect display of chuck and toolpath orientation. Additionally, running the toolpath simulation in ShopFloor generates an error message about the wrong stock profile, preventing simulation. However, if the Z coordinate selection in the Main Spindle Coordinate System dialog box of CAMWorks is removed, the ShopFloor file publishes correctly, and no issues are observed.
19.	CW-133911	CSR-27898	TechDB	For the specific Mill part, when updating operation plan for a Group Hole Feature, incorrect machining depth value is retrieved from the TechDB for Center Drill operations. After saving a hole group process for chamfering, the operation depth for chamfer depth is not updated correctly after multiple updates. The issue is also observed for Countersink operations and occurs only when the operation depth criteria in TechDB is set to Countersink diameter.
20.	CW-133826	CSR-27883	OPR	In CAMWorks Assembly mode, editing any linked operations causes the rapid and clearance planes of the linked operations to change incorrectly. This occurs when both the clearance and rapid planes are referring to the Setup Definition and both the linked operations have different values of their setup definition in *NC Planes* tab of *Operation Parameters* dialog box.
21.	CW-133825	CSR-27877	Simulation	For the specific Mill part, when running simulation for a operation generated for a multi-surface feature, an error prevents the simulation from continuing. There are no gouge checks active while running the simulation. However, changing the tool quality to higher resolution, increasing the tool flute length, or selecting tool axis smoothing resolves the error.
22.	CW-133812	CSR-27868	UIF	In CAMWorks TechDB, when Lollipop, Dovetail, and Keyway tools are marked as inactive and saved, they still appear in the Tool Selection list when adding new tools for any operation in the CAMWorks application.

Sr. No.	CPR Number	Help Desk ID	Area	Description
23.	CW-133498	CSR-27744	Assembly	For the specific Assembly file, editing Setups causes the Setup direction to flip and ignore the setup origins. This results in strange feature placements and incorrect Z direction, particularly when using assembly sketches to define origin locations.
24.	CW-132981	CSR-27640	Simulation	When using a spring pass for the Contour Mill toolpath with Toolpath center set to "Without Compensation", the lead-in and lead-out moves do not appear in the simulation. Additionally, lead-in and lead-out toolpaths are not seen in the simulation when the spring pass value is an odd number (E.g.: 1, 3, 5). They work fine with even numbers (e.g., 2, 4, 6, etc.).
25.	CW-132224	CSR-27436	Toolpath	For the specific Mill part, generating the toolpath for a Contour Mill operation with Toolpath Center and CNC compensation set to "Without Compensation" and 'ON' respectively leads to incorrect toolpath generation. When using a spring pass with the *Single cut depth* option checked, the spring pass is incorrectly generated at each depth of cut instead of only the last cut. However, if the 'Limited look-ahead' option is unchecked, the toolpath generates correctly.
26.	CW-131961	CSR-27134	License	For a specific Mill part, when using a 3 Axis Undercut license module without any 4 or 5 Axis simultaneous machining modules present, creating a Multiaxis operation with a multiaxis strategy generates an incorrect toolpath. CAMWorks generates the toolpath as 4 or 5 axes instead of restricting it to 3 axes. This behavior depends on the defaults set in the TechDB.
27.	CW-130117	CSR-26795	System	For the specific Mill part, re-selecting the Tool Crib in CAMWorks changes the rolling tap operation to a cutting tap operation. This is observed when editing the machine and selecting the default Tool Crib 2, causing the tool type to switch unexpectedly.
28.	CW-129848	CSR-26687	Toolpath	For the specific Mill part, Contour Mill toolpath generated for pocket feature generates unwanted plunge moves when the *Spring passes* number is applied in the *Side Parameters* dialog box. This results in multiple entry Drill/ Hole moves, which increase with the number of *Spring passes* applied.

Sr. No.	CPR Number	Help Desk ID	Area	Description
29.	CW-129830	CSR-26737	Features	For the specific Mill part, operations generated for Irregular Pocket do not generate complete toolpaths as other pattern irregular pockets do. When using a pattern selection with irregular pockets, certain pocket operations fail to generate toolpaths for all pockets if the tool size is set to the nominal diameter. Adjusting the tool diameter slightly can cause toolpaths for some pockets to disappear.
30.	CW-129721	CSR-26626	System	In CAMWorks Mill-Turn mode, selecting a Thread Strategy with Tap Cutting or Tap Rolling for any ID feature, unnecessarily adds the tools used for that operation to the Tools tree even before generating operations. However, this issue is not observed when using a Turn machine.
31.	CW-129712	CSR-26518	Assembly	For the Contour Mill generated for specific Assembly file, when using the "Allowance" in Depth parameters under the Contour Tab, changing the entry methods to "Entry Hole" or "Entry Drill" incorrectly doubles the depth allowance value. This issue does not occur with "None" or "Spiral" entry methods.
32.	CW-127502	CSR-25929	VoluMill	For the specific Assembly file, when using VoluMill Area Clearance Rest Machining operations, extra-long Z Feed/ Leadin moves are added. The operation starts at the correct Z height but then moves up nearly an inch before feeding into the part. This occurs for almost every reposition. Disabling rest machining or reducing the Max Cut Amount eliminates these moves but creates unusable toolpaths.
33.	CW-121070	CSR-22819	Feature	For the specific Assembly, when interactively inserting a new 2.5 Axis Feature (Open Profile feature), the feature is created with wrong orientation within the assembly. The feature orientation remains incorrect despite setting the End condition to 'Upto Stock' and flipping the feature profile.
34.	CW-116050	CSR-20709 CSR-27545	Post	The CL file generated for Thread Mill operations in the Mill-Turn module has a duplicate GOTO record for the last Z retract move, causing incorrect output for the post variable N_TOOL. The variable remains set to the same tool number until the rapid Z move finishes, instead of updating before the rapid Z 25 move. This issue does not occur in Mill mode for the same Thread Mill operations.
35.	CW-114816	CSR-19972	VoluMill	For the specific Assembly, when using the VoluMill toolpath for Area Clearance operations, the toolpath fails to generate if the Avoid Area or Contain area is active. This issue is observed after importing part data into the assembly configuration. However, the toolpath generates correctly in the Part Mode.

Sr. No.	CPR Number	Help Desk ID	Area	Description
36.	CW-114783	CSR-19963	Feature	In the CAMWorks Assembly mode, when executing 'Extract Machinable Features' command, a circular pocket feature does not recognized. Despite being adjacent to an Irregular Slot feature, the circular pocket fails to be identified as a simple circular pocket from top to bottom of the part. This issue persists even after deleting all available features and re-executing the 'Extract Machinable Features' command.
37.	CW-113033	CSR-19095	Toolpath	For the specific Mill part, when CNC compensation and Toolpath Center is set to 'ON' and 'Without compensation' respectively for its Contour Mill operation generated for the Curve feature, the generated toolpath is incorrect and moves inside the part. However, adjusting the lead-in point or disabling the 'Limited Look Ahead' (Gouge Check) option under the NC tab corrects the toolpath.
38.	CW-51321	11-4206	UIF	The 'Turn setup origin' dropdown menu button does not show the full character length for Italian and Russian language versions of CAMWorks due to longer text strings compared to English. Implementing 'Tool tip information' functionality is needed to display the entire menu option when the cursor is placed on the 'Turn setup origin' dropdown menu button.
39.	CW-46667	11-2135	UIF	The word 'form' in the Thread Designation description is causing confusion among the users, who mistakenly assume it refers to a Roll Tap (also known as a Form Tap). Removing the word 'form' from the description will clarify the tool selection.

CAMWorks 2025 SP1

* 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-2198	CSR-27641	Toolpath	For the specific Mill part, when the 3 Axis Mill toolpath generation method is set to Advanced, the 3 Axis Z Level toolpath incorrectly moves on the XY contouring plane when the *Last cut at* option under the Z Level tab of the Operation Parameters dialog box is set to User Defined.
2.	CWR-2191	CSR-27198	Toolpath	For the specific Mill part, when the 3 Axis Mill toolpath generation method is set to Advanced, the Area Clearence rest machining toolpath is generated incorrectly if the *Depth processing* is set to '*To depth by region*' under Links tab of Operation Parameters dialog box. This is observed if the *Adaptive Stepdown* option under the Area Clearance tab of Operation Parameters dialog box is checked.
3.	CWR-2188	CSR-26944	Toolpath	For the specific Mill part, when the 3 Axis Mill toolpath generation method is set to Advanced, the Area Clearance by rest machining WIP toolpath is poorly optimized in the Z-level if the Pattern Type under the Pattern tab of Operation Parameters dialog box is set to *Pocket In-Core*. However, with the Previous method the toolpath is generated correctly.
4.	CWR-2187	CSR-26920	Toolpath	For the specific Mill part, when the 3 Axis Mill toolpath generation method is set to Advanced, the Entry/Retract moves for Z Level toolpath are incorrectly calculated and the toolpath gouges the part. This is observed if the Depth parameters *Method* under Z Level tab of Operation Parameters dialog box is set to *Scallop*.
5.	CWR-2184	CSR-26664	Toolpath	For the specific Mill part, when the 3 Axis Mill toolpath generation method is set to Advanced, the horizontal Leadin and Leadout lengths are incorrectly applied for the Z Level toolpath if User Defined or Lollipop Tools are used resulting in tool collision.
6.	CWR-2166	CSR-25131	Toolpath	For the specific Mill part, when the 3 Axis Mill toolpath generation method is set to Advanced, the horizontal Leadin moves applied for an Area Clearance operation are not included in the toolpath, causing rapid collisions.
7.	CW-135400	CSR-28218	Assembly	For the specific Assembly file, assigning a new Tool Crib causes CAMWorks, loaded as an add-in within SOLIDWORKS, to crash.

Sr. No.	CPR Number	Help Desk ID	Area	Description
8.	CW-135290	CSR-28198 CSR-28204 CSR-28237	Operation	In CAMWorks 2025 SP0, the option to change *Leadin/out point* to either *Mid-point* or *Start-point* under the Leadin tab of Operation Parameters dialog box is disabled for group features where Contour Mill operation is defined. However, in previous versions of CAMWorks the option to change Leadin/out is enabled and works correctly.
9.	CW-134947	CSR-28127	Features	In CAMWorks 2024, group features inserted using the Interactive Feature Recognition (IFR) method cannot be combined with other features. However, in CAMWorks 2023, this functionality works correctly, allowing other features to be combined with group features inserted using the IFR method.
10.	CW-134850	CSR-28069	Features	From CAMWorks 2025 SP5 onwards, in Turn and Mill-Turn mode, CAMWorks does not allow adding Tool Tip Length when the Override Machining Depth toggle button is active in the Feature Options tab of the Operations Parameters dialog box for Drill Operations.
11.	CW-134776	CSR-28054	License	The email validation on the License Manager is incorrect and does not allow to enter certain legitimate email addresses.
12.	CW-134543	CSR-28024	Post	The code output is incorrectly posting the values for the Post variables 'P_REAR_SYNC_CODE' and 'P_FRONT_SYNC_CODE'.
13.	CW-134447	CSR-28014	Toolpath	For the specific Mill part, incorrect Rapid moves occur between holes in a Thread Mill operation. These rapid moves are added only if the *Use Skim Plane* option under the NC tab of the Operation Parameters dialog box is checked.
14.	CW-134378	CSR-28005	Simulation	For the specific Mill part, using Sample_3ax as the simulation machine for Step Through Toolpath shows a circular interpolation error during simulation due to a missing Y-axis move before an arc.
15.	CW-133910	CSR-27896	TechDB	In a custom TechDB, the user cannot delete a defined Strategy for a Curve feature with an ID of '-1' because the Delete button is disabled.
16.	CW-133764	CSR-27865	Assembly	When using custom Part/Assembly to define the Shape of fixture in Fixture tab of Machine dialog box, the fixture location is incorrectly displayed. In the *Select components to define Chuck/Fixture* dialog box the Coordinate System dropdown list does not have the option of Spindle coordinate system.
17.	CW-133563	CSR-27746	System	CAMWorks Data for the specific MillTurn part saved in CAMWorks 2023 SP5 cannot be restored when trying to reopen the part.

Sr. No.	CPR Number	Help Desk ID	Area	Description
18.	CW-133526	CSR-27776	Operation	For any Mill parts, reordering the Mill Part Setups in the CAMWorks Operation Tree causes the Operations having Rest WIP operations to lose links with the WIP computed operations.
19.	CW-133495	CSR-27762	Simulation	In CAMWorks Virtual Machine 2025, the Boring bars and custom tool holders are imported incorrectly. The *Enable spinning* option under the Holder component group box of Tool Database popup window is incorrectly set to 'Always' by default when custom tool holders are imported.
20.	CW-133341	CSR-27719	API	The API for adding a sub spindle operation fails to insert the operation.
21.	CW-133233	CSR-27700	Toolpath	For the specific Mill part, CAMWorks ignores the Island feature when generating the Face Mill toolpath if the Island feature present on the Face feature has closed profiles.
22.	CW-133232	CSR-27698	Toolpath	For any Mill part, the Contour Mill toolpath displayed for an Open Profile feature is incorrect, when the *CNC compensation* is set to 'Yes' and *Toolpath center* is set to 'Without compensation' under the NC tab of Operation Parameters dialog box. However, the toolpaths are displayed correctly if the *Limited Look ahead* option under NC tab and the *Display toolpath at G-code coordinates* option under Setup tab of Machine dialog box are unchecked.
23.	CW-133070	CSR-27670	Toolpath	For the specific Mill part, when the *Final Cut Amount* is less than 0.01 inches and the *Single Cut Depth* option in the Side Parameters dialog box is checked for a Contour Mill operation, then the toolpath is generated incorrectly for this operation.
24.	CW-133065	CSR-27678	Assembly	In CAMWorks 2024 Assembly mode, if the *Work Coordinate to Use* option under the Offset tab of the Setup Parameters dialog box is set to *Fixture Coordinate System* for any Mill setup, it reverts to *Part Setup Origin* upon reopening the Setup Parameters dialog box.
25.	CW-133059	CSR-27643	Operation	For the specific Assembly file, the Toolpath analysis Min/Max values for indexed operations are incorrect because a transformation of these values is not being applied. For example, the Min Z value should be -5.6563, but it displayed as -1.17 instead.
26.	CW-133058	CSR-27644	Simulation	In CAMWorks Virtual Machine the TRANSMIT command makes the toolpath approach from the wrong side resulting in a crash.

Sr. No.	CPR Number	Help Desk ID	Area	Description
27.	CW-133047	CSR-27668	System	Restore the CAMWorks data from the specific Mill part.
28.	CW-133037	CSR-27672	Feature	When inserting an Engrave Feature using a Sketch, if the Sketch is dissolved, some Spline segments go missing, resulting in an incomplete Engrave Feature. However, if the Sketch is used without dissolving, the Engrave Feature is generated correctly.
29.	CW-133029	CSR-27662	System	When saving any 3 Axis VoluMill operation plan with the Leadin feedrate % checkbox option checked in the F/S tab, the checkbox is not selected in the regenerated operation. This inconsistency can cause tool breakage when changing materials, as the Leadin feedrate does not update from the F/S library.
30.	CW-133007	CSR-27657	VoluMill	For the specific assembly, the VoluMill toolpath for an Irregular Pocket feature fails to generate and displays error 1007. However, if the *Avoid Part Faces* option is checked or the Rest Machining Model *Method* is set to *From WIP*, the toolpath generates correctly.
31.	CW-132982	CSR-27623	UIF	For the specific Mill part being machined using a 4 Axis Mill Machine, the *Fixture Coordinate System* option is not displayed under the Axis tab of the Part Setup Parameters dialog box in one of its Mill Part Setups. As a result, the X axis is incorrectly directed, causing a drill tool breakage.
32.	CW-132971	CSR-27117	Toolpath	When the 3 Axis Mill toolpath generation method is set to Advanced, the Area Clearance toolpath generated using the Adaptive pattern does not consider the assigned Avoid Allowance value.
33.	CW-132593	CSR-27499	Toolpath	For the specific Assembly file, the P2P toolpath creates the wrong toolpath depth in the Countersink Group Hole feature due to incorrect machinable hole parameters. This results in toolpaths being made in the air for the operations. However, if the Condense Split Holes option in Mill Features tab of Options dialog box is unchecked before executing the Extract Machinable Features command, the toolpath generates correctly.
34.	CW-132281	CSR-27466	Assembly	For the specific Assembly file, the Coordinates for G55 gets displayed incorrectly.
35.	CW-132253	CSR-27456	Help	The CAMWorks Installation Guide incorrectly states that the users need to uninstall the current Service Pack of CAMWorks before installing a new Service Pack of the same Annual version.

Sr. No.	CPR Number	Help Desk ID	Area	Description
36.	CW-132236	CSR-27445	Toolpath	For the specific Mill part, the toolpath display and Step Through toolpath simulation are incorrect and show part gouging when CNC Comp is set to *Yes* and Toolpath Center is set to *Without Compensation*. However, if the *Limited Look Ahead* option under NC tab of Operation Parameters dialog box is unchecked, no gouge is displayed in the CAMWorks graphics area or the Step Through toolpath simulation.
37.	CW-132235	CSR-27446	Post	System variable TOOL_NUM_TEETH is not being passed to posting environment.
38.	CW-132234	CSR-27441	Post	Post problem using SYS_CANNED(4,CALC_BREAK_LINE_FACE)
39.	CW-132223	CSR-27423	System	If the *Auto save every* option under the General tab of CAMWorks Options dialog box is checked, the Operation Parameters dialog box for any Multiaxis Mill operation closes during auto save.
40.	CW-132218	CSR-27408	TechDB	The Feedrate parameter and the Feedrate parameter in slowdown should be independent, but for Cutoff operations in CAMWorks TechDB, they are not. However, in the CAMWorks application, the behavior is correct.
41.	CW-132196	CSR-27399	Toolpath	For the specific assembly file, when the Clearance Plane option under the NC tab of the Operation Parameters dialog box is set to Previous Machined Depth for a Contour Mill operation, the toolpath gouges the part. This occurs when the origin is set to the bottom of the part.
42.	CW-132163	CSR-27404	Toolpath	Spiral Entry is not consistent in Contour pocket between Exterior and Interior Contours.
43.	CW-132077	CSR-27378	Simulation	For the specific Mill part, when running Step Through toolpath for a Face Mill operation, the graphics show peculiar simulation in the tool at lead-ins and lead-outs.
44.	CW-131995	CSR-27273	Help	In CAMWorks help file, update the help content written for "Advanced Approach and Retract" option under the NC tab of Operation Parameters dialog box for milling operations.
45.	CW-131557	CSR-27157	Setup Sheet	When generating a setup sheet for a Mill-Turn part, the Turn RPM and Feed values are not included in the output. This is because the variables 'TurnOperationSpindleSpeed' and 'TurnOperationFeedRate' are not added in the style sheet (Mill Turn Operations.xslt).

Sr. No.	CPR Number	Help Desk ID	Area	Description
46.	CW-130543	CSR-26910	Toolpath	For the specific Mill part, when using an STL as stock, the Leadin and Leadout clearances in the Face Mill operation are significantly larger compared to using a Bounding Box as stock. This discrepancy occurs despite the STL stock being the same projected stock as the Bounding Box, leading to incorrect toolpath clearances.
47.	CW-129829	CSR-26740	Toolpath	In CAMWorks Turn mode, for the specific Turn part, if the Fixture Avoidance *Clearance* option under the Advanced tab of the Operation Parameters dialog box is assigned certain values, the Turn Rough toolpath fails to generate.
48.	CW-129806	CSR-26718	Toolpath	For the specific Mill part, the contour mill toolpath for a Group Open Profile feature fails to generate correctly when the *Limited look ahead* option under NC tab is checked. However, the toolpath generates correctly correct for individual open profile features with the same parameters. Under the Leadin tab, either Gouge Check option is unchecked or the Link between Side Passes option is set to *Stay Down*, the toolpath for Group feature generates correctly.
49.	CW-129786	CSR-26694	Toolpath	For the specific Mill part, the Contour Mill toolpath for a Slot feature with air segment only on one edge fails to generate if the tool diameter matches the Groove width. Slightly reducing the tool diameter allows the toolpath to generate successfully. However, roughing and finishing toolpaths generate correctly for similar slot features with air segments on opposite edges without the need to reduce tool diameter.
50.	CW-129732	CSR-26659	Post	The "Advanced Approach and Retract" setting does not affect the g-code output for "X then Z" or "Z then X" when using the 2 Axis or 4 Axis Mill-Turn post. Toggling between these settings does not change the g-code, even though it should reflect different approach strategies.
51.	CW-129059	CSR-26446	Toolpath	For the specific Mill part, the toolpath for an operation displays differently than the posted code.
52.	CW-129012	CSR-26433	Help	In CAMWorks help file, update the information regarding the Define Part Reference Point functionality.
53.	CW-128963	CSR-26414	Toolpath	For the specific Mill part, an incorrect move in the Contour Mill operation using chamfer machining results in part gouging.
54.	CW-128865	CSR-22747	Help	In the CAMWorks TechDB help for turning operations, the "Spindle range" parameter is only available as a text item without a hyperlink or detailed information. Add the hyperlink and details for better guidance.

Sr. No.	CPR Number	Help Desk ID	Area	Description
55.	CW-128619	CSR-26318	Simulation	For the specific Mill part, when using an STL file as stock, the simulation incorrectly shows material removed by tool holders from previous operations, even with collision options ignored. This issue does not occur if a bounding box is defined as the stock.
56.	CW-128522	CSR-26271	Toolpath	For the specific Mill part, the offset roughing toolpath stepover on an Irregular Slot feature is missing in a certain area when the Maintain Climb/Conventional option in the Mirror group box under the Advanced tab is checked. However, the toolpath generates correctly if the Rough Pocketing Pattern type is changed or if the Maintain Climb/Conventional option is unchecked.
57.	CW-128057	CSR-26229	Toolpath	For the specific Mill part, the Bottom Finish pass fails to cut the entire bottom of the pocket feature.
58.	CW-126855	CSR-25669	Operation	CAMWorks fails to generate the toolpath for a Rough Mill operation if the width of the feature is same as the tool diameter. This is observed with all the Roughing Pocketing Patterns.
59.	CW-126735	CSR-25639	Simulation	For the specific Assembly file, using a cleanup pass with ramp in the Contour Mill toolpath for a Circular Boss feature shows a small step in the simulation, which is incorrect. This issue occurs because of a mismatch when the cleanup pass removes material left at the bottom due to helical moves.
60.	CW-126360	CSR-25528	Operation	When the Replace tool command is used for an assembly tool crib, only the tool is replaced while the holder remains the same, which is incorrect. For an assembly tool, the entire assembly should be replaced, not just the tool.
61.	CW-125608	CSR-25148	Rebuild	When SOLIDWORKS is opened with both CAMWorks and NESTINGWorks active, creating a nest job and generating a nested assembly leads to an issue. After running Automatic Feature Recognition and Generating Operation Plan, switching between the CAMWorks Operation Tree and CAMWorks Feature Tree prompts CAMWorks to rebuild repeatedly, regardless of how many times it is rebuilt.
62.	CW-125447	CSR-25160	VoluMill	For the specific Mill part, selecting the VoluMill pattern with the Rest Machining option set to *From WIP* generates an incorrect toolpath that gouges the part. However, when the Rest Machining option is set to *No*, the toolpath is generated correctly.

Sr. No.	CPR Number	Help Desk ID	Area	Description
63.	CW-125339	CSR-25100	Feature	For the specific Turn part, upon Rebuild the Join Section for an ID Feature goes missing.
64.	CW-124717	CSR-24662	Operation	When the *Optimize between groups* option is checked under the Optimize tab of the Operation Parameters dialog box for a Countersink Operation, some Hole features are ignored and not machined.
65.	CW-124510	CSR-24498	Toolpath	Rest Machining re-machines areas that were previously machined. When running the pocket operation with a small end mill and reducing the sizes used to machine the pocket, the smaller end mill operation recuts over the previously machined pocket areas.
66.	CW-123043	CSR-23828	Toolpath	For the specific Mill part, the Contour Mill operation for chamfer machining off a curve feature generates incorrectly. At the end of the toolpath, the tool gouges the part.
67.	CW-122016	CSR-23496	Simulation	For the specific Probe operations in an Assembly file, when running the toolpath simulation, the toolpath simulation freezes if the simulation speed is reduced.
68.	CW-121275	CSR-23235	Feature	For the specific imported Mill parts, CAMWorks fails to recognize colors while defining a multi-surface feature. When inserting a multi-surface feature and selecting faces by color, the faces are not listed as per the color.
69.	CW-120519	CSR-22856	Toolpath	The 2.5-axis Contour Mill rest machining toolpath gouges the part on the open profile feature. When selecting a Contour Mill toolpath in the mill part setup, it incorrectly considers the previous tool, resulting in a gouge.
70.	CW-118204	CSR-22160	Toolpath	The Turn Rough operation using Canned Cycle posts incorrect profile to G-Code output.
71.	CW-117949	CSR-22018	Toolpath	For the specific Turn part, the Turn Rough toolpath for an irregularly shaped OD feature exceeds the maximum cut amount specified damaging the tool insert and makes unnecessary cuts in the air segment, which is incorrect
72.	CW-117092	CSR-21489	Feature	For the specific Mill part, for Chamfer machining the Curve Feature, the tool leads out of cut incorrectly.
73.	CW-116505	CSR-20905	WIP	Using the user Defined Turning Tools, the OD finish operation at the part where the Stock is disappearing.
74.	CW-116327	CSR-20905	WIP	Using the user Defined Turning Tools the OD finish operation at the part where the Leftover WIP is incorrect.

Sr. No.	CPR Number	Help Desk ID	Area	Description
75.	CW-115082	CSR-20270	Feature	There is inconsistency in CAMWorks between the segments and arcs in the Perimeter and Irregular features. For the specific Mill part, one of the Contour Mill operations has a better toolpath with arc moves on an arc or spline geometry compared to the other Contour Mill operations.
76.	CW-112876	CSR-18938 CSR-20084 CSR-27227	API	Provide an API to import CAM data of a Part into an assembly.
77.	CW-112570	CSR-18676	Toolpath	When a User Defined Turn Tool is used for Bore Finish operation the toolpath moves beyond the Feature geometry resulting in a crash.
78.	CW-101631	CSR-13608	Toolpath	For any Turn part, the toolpath generated for an OD feature is incorrect, if the *Cut Type* under Turn Finis tab of Operations parameters dialog box is set to *Turn First.* The generated toolpath fails to maintain the correct move and makes moves similar to the *Face Down First* cut type.
79.	CW-101423	CSR-13599	Toolpath	In Assembly mode, when generating toolpath for a Group Hole feature, CAMWorks ignores the Contain Area if the 'Optimize between Groups' option under Optimize tab of Operation Parameters dialog box is checked. As a result, the toolpath extends beyond the Contain Area perimeter.
80.	CW-98425	CSR-12443	Toolpath	The Contour Mill toolpath generated on the Edge Break Curve Feature gouges the part. This is observed when the feature is considered as the small end Fillet segments with the Arc Edges.

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 Miil 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.

Sr. No.	CPR Number	Help Desk ID	Area	Description
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.

Sr. No.	CPR Number	Help Desk ID	Area	Description
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 SP0/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.

Sr. No.	CPR Number	Help Desk ID	Area	Description
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'.

Sr. No.	CPR Number	Help Desk ID	Area	Description
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.

Sr. No.	CPR Number	Help Desk ID	Area	Description
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.