



Resolved CPRs

CAMWorks 2021 SP4

* Please refer to '**What's New**' PDF document for details regarding enhancements in CAMWorks 2021.

Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CW-111403	CSR-17990	Translation	In Polish language version of CAMWorks, the string "Step Through Toolpath" is incorrectly translated.
2.	CW-109355	CSR-16981	Toolpath	The toolpath generated for Groove Rough operation is incorrect, it does not consider the B axis incremental angle value for toolpath tilting direction.
3.	CW-107785	CSR-16371	Operation	In CAMWorks 2021 version, when the Feed and Speed library button is selected for Bore operation then, the Tapping operation is displayed instead of Bore operation in the Feed and Speed library.



CAMWorks 2021 SP3

Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CW-109753	CSR-16973	TechDB	In CAMWorks Feeds and Speeds library when multiple materials are imported then, it is observed that the corresponding data gets corrupted.
2.	CW-109566	CSR-17052	Toolpath	For the specific part the display of the Contour Mill toolpath for a Curve Feature is incorrect with the options of CNC compensation On and toolpath center without compensation.
3.	CW-109440	CSR-15026	Operation	The values set for the Sub spindle Work Coordinate System in TechDB are incorrectly displayed in CAMWorks.
4.	CW-109156	CSR-16883	Toolpath	The posted code of Volumill toolpath contains very small arcs which result in errors on the machine.
5.	CW-109142	CSR-16848	Operation	With the specific TechDB, a crash of CAMWorks is seen when the user attempts to save the tool crib in a mill part.
6.	CW-109130	CSR-16577	Toolpath	In some of the parts having 3 axis or Multi Axis operations, it is observed that CAMWorks freezes while generating the toolpaths.
7.	CW-106664	CSR-15860	System	The specific part cannot be opened in SOLIDWORKS when CAMWorks is set as an add-in and any attempts to open the part will result in a crash of SOLIDWORKS.
8.	CW-105477	CSR-15461	Assembly	For the specific assembly, importing the cam data from the part results in a crash of SOLIDWORKS.
9.	CW-105184	CSR-15220	TechDB	In the latest version of Feed and Speed library, the resized dialogs are not retained upon restarting the application.
10.	CW-104542	CSR-16868	Machine Simulation	In CAMWorks Virtual Machine, the user defined chuck is incorrectly displayed.
11.	CW-104137 CW-99099 CW-94621	CSR-14955 CSR-12777 44792	Feature	For the specific part the time taken to recognize features is significantly high if the option of recognize curve features for chamfering is selected.
12.	CW-102326 CW-95001	CSR-13958 44791	Feature	For the specific part, some of the curve features recognized with the option of "Curve features for chamfering" are incorrect.
13.	CW-100328	CSR-13240	System	When CAMWorks is upgraded using a latest service pack then, the user defined mill tool holders saved under the CAMWorks data folder are deleted.



Sr. No.	CPR Number	Help Desk ID	Area	Description
14.	CW-99403	CSR-12971	Operation	In TechDB if the same thread designation is defined for different hole types then, the operations generated for each feature in CAMWorks will have operations from all types of hole features. This results in each feature having multiple sets of operations generated.
15.	CW-97228	CSR-11784	Feature	For the specific part, a crash of CAMWorks is seen while automatically recognizing the features with the option of "Curve features for chamfering" set to On.



CAMWorks 2021 SP2

Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CW-108054	CSR-16506	Post	In assembly mode, incorrect G-codes are generated when toolpath for circular patterned features are post processed.
2.	CW-108030	CSR-16487	Operation	For the specific part, CAMWorks freezes when step through simulation is done on a toolpath of Drill operation.
3.	CW-107453	CSR-16215	Simulation	For the specific part simulating the toolpath causes CAMWorks to freeze. It is also seen that some of the features listed under the operations appear to be suppressed even though the user has not suppressed them.
4.	CW-107332	CSR-16117	Simulation	For the specific part, CAMWorks freezes when the drill toolpaths are simulated.
5.	CW-107286	CSR-16013	ShopFloor	The user is unable to display the preview of the user defined tools in CAMWorks ShopFloor.
6.	CW-107205	CSR-16162	Machine Simulation	In CAMWorks Virtual Machine, incorrect display of chucks/fixtures is seen when they are defined using other SOLIDWORKS part files.
7.	CW-106910	CSR-15974	Assembly	In Mill Turn assembly mode, the location of the co-ordinate system selected for the main spindle changes when the user defines the parts for machining.
8.	CW-106642	CSR-15497	License	In the License Manager, when the user enters a name that includes a special character in the company name field of License Request Form then, an error message is displayed and the folder where the file is located fails to open.
9.	CW-106410	CSR-15819	ShopFloor	When a SOLIDWORKS file saved in earlier version is opened in the latest version along with latest version of CAMWorks then, upon publishing the ShopFloor file, the user will not be able to open the published ShopFloor file.
10.	CW-106159	CSR-15444	Help	Add the information related to the post variable 'Max Character Length' and 'Query Tool Description Comment' in Universal Post Generator help document.
11.	CW-105918	CSR-14487	API	Crash is observed in SOLIDWORKS when the API of Getrecognizedfaces is executed.
12.	CW-105833	CSR-15545	Help	Remove the post header command 'POST_SUPPORTS_PART_REFERENCE_POINT' from Universal Post Generator help file.



Sr. No.	CPR Number	Help Desk ID	Area	Description
13.	CW-105552	CSR-15375	Operation	When an operation is copied then, the user added comments are not copied. Also, if the part data is imported into an assembly, then also, the comments for the operations are not copied.
14.	CW-105402	CSR-15370	Toolpath	For the specific assembly, the toolpath generated for rough mill operation with pattern type set to Volumill violates the fixture geometry and gouges the fixtures.
15.	CW-105046	CSR-14191	System	Output the estimated machining time from NC Manager to the SOLIDWORKS configuration page as a new property name.
16.	CW-105044	CSR-15207	Toolpath	In Mill Turn assembly mode, the location of the co-ordinate system selected for the main spindle changes when the user defines the parts for machining.
17.	CW-104646	CSR-15064	Feature	For the specific assembly file, the part perimeter generated for some of the parts is outside the boundary of the common stock defined by the user.
18.	CW-103796	CSR-14628	Feature	For the specific part when the CAMWorks data is rebuilt after changing the configuration, the face and cutoff features are incorrectly rebuilt.
19.	CW-100143	CSR-13198	System	User is unable to open the specific part in CAMWorks as the application crashes every time when the part is opened.
20.	CW-99454	CSR-12943	Toolpath	For the specific part, the time taken to calculate the toolpath for Area Clearance operation with rest machining method set to 'From WIP' and quality of WIP set to coarse is significantly more than the time taken to generate the toolpath when the quality is set to fine.
21.	CW-99327	CSR-12955	Toolpath	For the specific part the toolpath generated for rough mill operation with pattern type set to Volumill doesn't adhere to the user defined avoid areas.
22.	CW-97679	CSR-10852	Operation	If the SOLIDWORKS coordinate system used to define the origin of the Mill part setup is renamed then, the changes are not updated on the Mill Part Setup.



CAMWorks 2021 SP1

Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CW-106813	CSR-15576	API	The error message displayed regarding loading of components in light mode should be suppressed silently using APIs.
2.	CW-106677	CSR-15873	TechDB	For the specific customized based TechDB, when Mill-Turn machine is selected in CAMWorks application then SOLIDWORKS crashes.
3.	CW-106643	CSR-15497	License	In License Manager, the information entered by the user on the license request page is not retained upon closing and reopening the page.
4.	CW-106635	CSR-15808	TechDB	The thread parameters of ID and Designation are incorrectly populated for the Thread Mill operation as compared to the parameters set in the TechDB for a Multi Stepped Hole feature.
5.	CW-106353	CSR-15754	Post	The posted output generated for Multiaxis operation on a patterned feature using the APT post processor is incorrect.
6.	CW-106247	CSR-15655	License	The CAMWorks ShopFloor application does not get launched while using a CAMWorks dongle with a COD file supporting CAMWorks Shopfloor.
7.	CW-106220	CSR-15635	Post	While posting the codes for synchronized operations, the wait code is posted before the start of the operation even though the settings are made to post the wait code before the first feed move. This happens when there is no tool change between the preceding and the current operation.
8.	CW-106162	CSR-15672	Setup Sheets	In CAMWorks 2021 SP0 version, when the setup sheets are generated with style sheet of "Operations and WIP" then, WIP images are not generated in the setup sheets.
9.	CW-106111	CSR-15620	Operation	With the customized TechDB, when Save Operation Plan is done on any feature having operations then, the values defined for machining depth are replaced with large values.
10.	CW-105964	CSR-15501	Rebuild	In an assembly file having multiple SOLIDWORKS configurations along with corresponding CAMWorks configurations, unwanted prompt to rebuild the CAM data is shown whenever the user toggles between the configurations. This happens even when there hasn't been any change in the CAM data.
11.	CW-105937	CSR-15566	Post	For the specific part, incorrect values for rotary angles are seen in the posted code of a drill toolpath generated on a patterned counter bore hole feature.



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12.	CW-105845	CSR-15541	TechDB	In TechDB, when a new feature condition is created by copying an existing feature condition along with its operations then, the tools set in the original operations are not copied to the newly created operations.
13.	CW-105844	CSR-15510	TechDB	When the customized Access based TechDB is imported into SQLite based TechDB then the description for the 'ID' in default feature strategies is not updated correctly.
14.	CW-105793	CSR-15534	TechDB	In system settings if comma is used as a number separator then, the values set in Feed Speed library are reset to zero.
15.	CW-105551	CSR-15494	Feature	While creating feature groups of hole features the "Hole thread callout" set for the tapped holes is not considered. This results in incorrect grouping of hole features having different hole thread call outs.
16.	CW-105476	CSR-15440	Operation	With the customized TechDB, when the parameters of the chuck/fixtures are modified in CAMWorks then, a crash of CAMWorks is seen.
17.	CW-105412	CSR-15339	TechDB	In TechDB, while importing Harvey and Helical tools then, upon switching between the manufacturers the list of the tools is not refreshed.
18.	CW-105401	CSR-15234 CSR-15398 CSR-15544	System	Unable to load CAMWorks 2021 SP0 version on specific Server machines at user-end.
19.	CW-105389	CSR-15372	Operation	For an Assembly file, when save operation plan is performed on Multi surface feature with Multi Axis operation then SOLIDWORKS and CAMWorks crashes.
20.	CW-105383	CSR-15175	Post	The output of the post variable "OPR_AXIS_Type" is automatically changed, when the option "Output Subroutine" for patterned feature is selected in posting tab of operation parameters dialog box.
21.	CW-105380	CSR-15329	Post	In Mill-Turn mode, the spindle speed output in the G code for Gun drill operations is incorrect.
22.	CW-105353	CSR-15072	Toolpath	The toolpath for rough mill operations with pattern type set to Volumill does not adhere to the geometry of the Avoid area defined by the user.
23.	CW-105317	CSR-15262	Machine Simulation	The UI in CAMWorks Virtual Machine is displayed in different language as compared to the language set in CAMWorks.
24.	CW-105305	CSR-15285	Feature	For the specific Mill-Turn assembly, renaming a SOLIDWORKS axis entity and rebuilding the CAMWorks data results in a crash of CAMWorks.



Sr. No.	CPR Number	Help Desk ID	Area	Description
25.	CW-105186 CW-105185	CSR-15220	Feeds & Speed	For the 64-bit Feed Speed library, the user is unable to edit or delete a row of data for 2 or 3 Axis Rough and Finish operation parameters.
26.	CW-105181 CW-105076 CW-104605	CSR-15220 CSR-15200 CSR-15244 CSR-15022 CSR-15200	Feeds & Speed	When the data from 32-bit F/S library is imported into the new 64 bit F/S library then, the data is found to be either incorrect or missing.
27.	CW-105177	CSR-15241	Post	Add the ability to list tools in the tool crib having same station number with different tool using GETTOOLS() method.
28.	CW-105095	CSR-15242	Feeds & Speed	In Feed Speed library, when the unit is set to 'Inch' and Feed Speed data for material and operation is modified then, the data is converted to metric after saving.
29.	CW-105090	CSR-14858	TechDB	For the customized based TechDB, when the user saves an operation plan for a specific feature then, incorrect data is saved to TechDB resulting in unwanted operations being populated for subsequent sessions.
30.	CW-105056	CSR-15198 CSR-15428 CSR-15563	Feeds & Speed	In Feed Speed library, an error message is observed whenever the user tries to install a material from the archive.
31.	CW-105055	CSR-15201	TechDB	When the customized TechDB of CAMWorks 2020 is imported into CAMWorks 2021 then, the values for all the parameters of probe operations are deleted.
32.	CW-105053	CSR-15176	Assembly	For the specific assembly when rebuild is done the Z direction of some of the Mill part setups gets reversed.
33.	CW-104879	CSR-15203	CAMWorks ShopFloor	In Spanish language version of CAMWorks ShopFloor, the label 'Additional References' is incorrectly translated.
34.	CW-104741	CSR-15120	Feature	For the specific assembly, when the Extract Machinable Features method is set to MfgView then, the features are incorrectly recognized.
35.	CW-104739	CSR-14388	Feature	In assembly mode, when Extract Machinable Features is done then, the feature setups and Part perimeter features are not created in case no other feature is recognized from that direction.
36.	CW-104694	Beta 53382	UIF	In Spanish language version of CAMWorks, the labels of some of the parameters in Volumill settings dialog box are incorrectly translated.
37.	CW-104650	CSR-15068	Setup Sheets	Add a variable for 'Surface speed RPM max' in Turn and Mill-Turn to be used in XML setup sheet.



Sr. No.	CPR Number	Help Desk ID	Area	Description
38.	CW-104647	CSR-15058	TechDB	The user is unable to set the diameter for Thread Mill operation using the components of a Multi Stepped Hole feature.
39.	CW-104642	CSR-15057	Machine Simulation	In CAMWorks Virtual Machine, the gang tool with live tools are not displayed.
40.	CW-104540	CSR-14988 CSR-15096	System	When CAMWorks application is upgraded with the latest version then, all the user created custom files viz. setup sheets, sub spindle operations are deleted from the existing installation.
41.	CW-104494	CSR-14993	TechDB	In TechDB, the unit of measure for spindle speed is displayed as inch or metric instead of RPM for Z level operations.
42.	CW-104490	CSR-14942	Machine Simulation	In CAMWorks Virtual Machine with machine type set to Mill turn, duplicate entries of tool blocks with same tools are created.
43.	CW-104484	CSR-14946	Post	Add a new query command to pass "Arc Feedrate" and "Sharp corner feedrates" to post.
44.	CW-104386	CSR-14916	UIF	In Russian language version of CAMWorks, the behavior of parameters of CNC compensation and Toolpath center is incorrect compared to the English language version.
45.	CW-104344	CSR-104903	Machine Simulation	For the specific part, a crash of SOLIDWORKS is seen when the user selects the option of machine simulation.
46.	CW-104248	CSR-14847	UIF	The last saved option for stock display is not retained for sub sequent parts in CAMWorks 2021. The option is always reset to wireframe mode.
47.	CW-104103 CW-104066	CSR-14627	Feature	For the specific Turn part, upon doing a rebuild, some of the features are incorrectly generated and an error message is displayed.
48.	CW-103884 CW-102733	CSR-14679 CSR-14173 CSR-14525	Toolpath	The parameters of "Arc feedrate override" do not make any impact on the side passes created using the side parameter settings for the Contour Mill toolpath.
49.	CW-103816	CSR-13605	Simulation	For the specific part, simulating the Multi Axis Mill operation results in a crash of CAMWorks.
50.	CW-103779	CSR-10552 CSR-10889 CSR-14418	Feature	Switching between SOLIDWORKS configurations results in unnecessary rebuild of CAMWorks data.
51.	CW-103778	CSR-12666	System	A crash in CAMWorks is seen when the user works with the specified parts or assemblies.



Sr. No.	CPR Number	Help Desk ID	Area	Description
52.	CW-103686	CSR-14457	Feature	For the specific assembly, Multi Stepped Holes are recognized in incorrect setups thus resulting in erroneous toolpaths.
53.	CW-103247	CSR-14310	Toolpath	For a Contour Mill operation, when the clearance plane is defined by "Previous Machining Depth" then incorrect rapid move is observed, and the toolpath gauges the part.
54.	CW-102625	CSR-13449	UIF	In case of monitors having 4K resolution, some of the dialogs in CAMWorks are incorrectly displayed.
55.	CW-101846	CSR-13761	Assembly	For a CAMWorks assembly, the cam data imported from a part is duplicated equal to the number of instances in the assembly resulting in several unwanted operations and toolpaths.
56.	CW-101836	CSR-13767	Post	The post variables "OPR_X_PART_CLEARANCE" and "OPR_Z_PART_CLEARANCE" will output only clearance value not the allowance value for Turn Finish operations.
57.	CW-101668	CSR-13690	UIF	For the specific Mill part, the option of 'Fixture Coordinate System' to define the X axis of the Mill Part Setup is not available.
58.	CW-101632	CSR-13667	Features	For the specific part, incorrect islands are detected for some of the features extracted using 'Extract Machinable Features' command.
59.	CW-101602	CSR-13668	Toolpath	For the specific part, the toolpath for the Rough Mill operation with entry type set to Spiral gouges the feature.
60.	CW-101242	CSR-13489	Toolpath	For the specific part, the toolpath for Rough Mill operation with pattern type set to Volumill gouges the feature when the smoothing radius is set to 8% of the tool diameter.
61.	CW-101219 CW-97098	CSR-13531 CSR-11766	Simulation	For the specific part, in toolpath simulation the display of the Fixture Coordinate System defined using a SOLIDWORKS coordinate system is incorrect.
62.	CW-100977 CW-99576	CSR-13316 CSR-13035	Toolpath	The geometry of the fixtures selected to be avoided in a Mill Part Setup of an assembly file is incorrectly considered for the toolpath of Rough Mill operation with pattern type set to Volumill.
63.	CW-100897	CSR-13391 CSR-14297	System	If the Multi axis mill machines with all parameters defined is reselected then, an error message asking the user to select the reference axis and face is displayed. This message should not be displayed as the user has already defined the parameters.
64.	CW-99041	CSR-12847	Feature	For the specific Mill part, incorrect wrapped engrave feature is created.
65.	CW-99024	CSR-12806	UIF	The display of the tooltip for the operation parameters is not completely visible in graphics area.



Sr. No.	CPR Number	Help Desk ID	Area	Description
66.	CW-98791	CSR-12718	Post	For the specific part, incorrect G- Code is posted for the Multi axis Mill operation.
67.	CW-96694	CSR-11566	Feature	For the specific part, incorrect profile is generated for Wrapped engrave feature using the user defined sketch.
68.	CW-95153 CW-93641	CSR-11058 CSR-10733	Simulation	For the specific part, the display of the CAMWorks origin is incorrect during simulation.
69.	CW-90563 CW-87035	CSR-10226 CSR-8857	Rebuild	When the origin of the coordinate system is defined as the vertex on the stock and stock size is changed then, the coordinate system is not changed unless rebuild is performed.
70.	CW-87628	CSR-9312	Simulation	For the specific part, an error message is displayed with toolpath simulation is done on the Rough Mill operation.
71.	CW-86694	CSR-8715	Operation	For the specific part, setting the cut amount to Zero for Contour Mill operation results in a crash of CAMWorks.
72.	CW-85667	CSR-7740	Rebuild	When the SOLIDWORKS configuration is switched to CAMWorks configuration then CAMWorks prompts to rebuild. However, when CAMWorks configuration is changed then no Rebuild is prompted.
73.	CW-84475	CSR-7103	Assembly	For the specific assembly, the existing face feature is displaced upon doing a rebuild or recognizing the machinable features again.
74.	CW-82649	-----	TechDB	In TechDB for single point operations in Turn or Mill Turn module allow the user to set the spindle speed only using RPM method and not SMM method.
75.	CWR-1887	Beta 52657	Toolpath	When the 3-axis toolpath generation method is set to Advanced then, for the specific part, a gouge is seen with the toolpath of Constant Stepover operation.
76.	CWR-1885	CSR-14816	Toolpath	When 3 axis toolpath generation method is set to Advanced then, for the specific part the toolpath of Flat Area operation is not generated.
77.	CWR-1877	CSR-14642	Toolpath	When the 3 Axis toolpath generation method is set to Advanced then, the toolpath for Area Clearance operation using a User Defined tool is not generated with pattern type set to adaptive.
78.	CWR-1869	CSR-14472	Toolpath	When the 3 Axis toolpath generation method is set to Advanced, then the toolpath generated for Flat Area operation is not within tolerance.
79.	CWR-1837	CSR-13714	Toolpath	When the 3 Axis toolpath generation method is set to Advanced, then for the specific part some of the moves of the toolpath of Area Clearance operation do not adhere to the cut direction of "Climb" as defined by the user.



Sr. No.	CPR Number	Help Desk ID	Area	Description
80.	CWR-1835	CSR-13728	Toolpath	When the 3 Axis toolpath generation method is set to Advanced, then for the specific part the toolpath for Flat Area operation is not generated.
81.	CWR-1797	CSR-12730	Toolpath	When the 3 Axis toolpath generation method is set to Advanced then, for the specific part no toolpath is generated for Area Clearance operation when holder avoidance is set to True.
82.	CWR-1786	CSR-12376	Toolpath	When 3 axis toolpath generation method is set to Advanced then, for the specific part the toolpath generated for Constant Stepover operation with horizontal lead-in or lead-out gouges the part.
83.	CWR-1727	CSR-11547	Toolpath	When 3 axis toolpath generation method is set to Advanced then, for the specific part the toolpath generated for Z level operation does not adhere to the user defined Z limits.
84.	CWR-1659	CSR-10467	Toolpath	When 3 axis toolpath generation method is set to Advanced then, incorrect toolpath is generated for the area clearance operation with depth method set to Scallop along with adaptive step down set to On and with the user defined Z limits.



CAMWorks 2021 SP0

Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CW-105480	CSR-15469	TechDB	If customized TechDB data is imported from 2020 version to 2021 version of CAMWorks, it is observed that for Turn Default Feature and Operation parameters, all values are incorrectly set to zero.
2.	CW-104667	CSR-15075	TechDB	In CAMWorks 2020 SP5, if a Mill-Turn machine is assigned as default machine in TechDB and then user proceeds to open a file in the CAMWorks user interface, an error message is displayed and then CAMWorks crashes.
3.	CW-104478	CSR-14972 CSR-14980	ShopFloor	When user publishes ShopFloor files on his machine and the file is later viewed in the CAMWorks ShopFloor application, it is observed that the published ShopFloor documents does not include G-code, Setup Sheets and STL folders.
4.	CW-104392	CSR-14944	Operation	For all 3 Axis Mill operations, if you change the leadin feed, then the Tool tip display will not be updated. When the mill part is saved and reopened later, the updated Leadin feed value is not retained.
5.	CW-104281	CSR-14837	Feeds & Speeds	When user attempts to import Feed and Speed data present in the 32-bit MS Access based Feed and Speed Library to the new 64-bit SQL-based Feed and Speed library, an error message stating "Constraint Failed" is displayed and the import process gets terminated.
6.	CW-104247	CSR-14861	Feature	For the specific mill part with Part Perimeter-Open Pocket feature, if the stock bounding box size is increased and the part is rebuilt, it is observed that this part perimeter feature is not updated.
7.	CW-104172	CSR-14806	Toolpath	When the 3 Axis toolpath generation method is set to Advanced then, the file cannot be saved after generating the toolpath for an Area Clearance operation with pattern type set to Adaptive.
8.	CW-104134	CSR-14761	TechDB	If a Mill-Turn machine is set as the default machine in TechDB and user proceeds to select a Mill machine in the CAMWorks application loaded as an Add-in within CAMWorks Solids, then CAMWorks Solids crashes.
9.	CW-103745	CSR-14582	Operation	For the specific assembly, incorrect display of tool is seen during step through simulation of Contour Mill toolpath.
10.	CW-103685	51987	TechDB	When CAMWorks is run In Japanese language version, users encounter error messages when attempting to import *.csv files in the Tool interface of TechDB App.



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11.	CW-103655	51891	Feeds & Speeds	When user imports the 'material.mdb' file into the newly introduced 64-bit MES Feed & Speed Library application, a message indicating completion of import is displayed but no entry is actually imported.
12.	CW-103572	-----	Operation	In Spanish language version of CAMWorks, for the specific mill part model, a Mill Setup is interactively inserted, followed by creation of Multiaxis feature with 5 axis strategy and generation of corresponding operations and toolpaths. When the Edit Definition command is executed for this Multiaxis operation, SOLIDWORKS crashes.
13.	CW-103558	CSR-14458	Toolpath	For the specific part, the toolpath for Contour Mill operation on a pocket feature with bottom finish set to On and high-speed links set to S type, generates incorrect move, and gouges the islands.
14.	CW-103525	CSR-14460	Post	The Z coordinate and radius values for arcs on sub spindle wrapped features are incorrect.
15.	CW-103448	-----	Translation	In Spanish language version of CAMWorks, in the CAMWorks Error Message box warning about Stock parameter changes affecting features, operations and toolpaths, the text is displayed in a mixture of multiple languages.
16.	CW-103301	CSR-14271	Post	Add the ability to use post command "KILLSYSFILE" to delete main posted program, without posting set file.
17.	CW-103279	CSR-14346	TechDB	In TechDB if a feature strategy name is edited after assigning it as "Default feature strategy" then, it will no longer be available for selection under the available strategies list for the same feature.
18.	CW-103085	CSR-14271	Post	In the posted output, the value of the post variable "SETUP_ID" is incorrect, when the Mill part setup has a post operation under it.
19.	CW-102696	CSR-14100	Toolpath	When toolpaths are mirrored using the option from Mill Part setup node then, the toolpath for Multi Axis Mill operations are incorrectly generated.
20.	CW-102510	CSR-14099	Post	The value of post variable "GETMCS" is incorrectly set in the posted code of Multi axis operation.
21.	CW-102413	CSR-14057	Translation	In Polish language version of TechDB, the label "ID" is incorrectly translated in Mill Tooling menu.



Sr. No.	CPR Number	Help Desk ID	Area	Description
22.	CW-102150	CSR-13916	Post	A crash of CAMWorks is seen when the toolpath of Multi axis mill operation generated by setting the option of "Keep initial orientation until distance" to true is post processed.
23.	CW-101868	CSR-13832	UIF	The size of the text field "Combination ID" is small in the station tab of operation parameters dialog box.
24.	CW-101853	CSR-13830	Post	Add new post variables of QUERY_TOOL_ASSEMBLY_COMMENT, QUERY_TOOL_ASSEMBLY_DESCRIPTION in Universal Post Generator to output the "Comment" and "Description" for tool assemblies from station tab.
25.	CW-101820	CSR-13808	Post	Incorrect coordinate values are observed in the posted output of toolpaths machining patterned wrapped features.
26.	CW-101343	CSR-13522	Help	Add information to the help file regarding non generation of toolpath in some areas of the part for pencil mill operation while using a tapered ball nose tool.
27.	CW-101322 CW-98554	CSR-13587 CSR-12551 CSR-13431	Feature	The toolpaths are generated for suppressed hole features which are part of a larger hole feature group.
28.	CW-101097	CSR-13464	Feature	For the specific assembly, the user cannot create an open profile feature from a sketch created by referencing an assembly plane.
29.	CW-101096	CSR-13470	UIF	For specific part models, the time taken to display the toolpaths in the for selected operations graphics area is unacceptably slow, making the usage experience frustrating.
30.	CW-100878	CSR-13388	Post	In turning, when multiple tools are assigned to the same station number and yet have different comments in each operation but still only the comment of the first tool is output in posted code for all other tools.
31.	CW-100653	CSR-13338	TechDB	Add the parameter of "Non-cutting high Z plunge feedrate" for rough mill operations. This parameter will be active only when the pattern type is set to Volumill.



Sr. No.	CPR Number	Help Desk ID	Area	Description
32.	CW-100311	CSR-13253	Operation	For the specific part, the toolpath generated for a Multi axis mill operation with tighter tolerance is incorrect compared to a toolpath generated with broader tolerance.
33.	CW-99965	CSR-13109	Toolpath	For the specific part, a crash in CAMWorks is seen when the toolpath of Turn rough operation with leftover WIP set to "From Simulation" or "Previous leftover" is regenerated.
34.	CW-99379	CSR-12957	Toolpath	For the specific part, the toolpath for contour mill operation with bottom finish set to 'On' is not generated when the option of "Bottom first" is selected along with gouge check option of leadin/out.
35.	CW-99374	CSR-12918	TechDB	In the specific TechDB, the entry strategy for the contour mill operations defined for a countersink hole features are incorrectly populated. The selection display always remains blank and thus incorrect toolpaths are generated.
36.	CW-98775 CW-98765	CSR-12707	Features	For the specific assembly, some of the rectangular pocket feature are not recognized automatically by CAMWorks.
37.	CW-98722	CSR-12048	Toolpath	For the specific part upon regenerating the toolpath in the existing Multi axis Mill operation results in incorrect toolpath.
38.	CW-98554	CSR-12551 CSR-13431	Operation	Even though one or more features are suppressed in the feature group, the toolpaths for the suppressed group are generated.
39.	CW-98532	CSR-12208	TechDB	For a SQL server based TechDB, when the user tries to connect to a database for which read and write permission is not available, then it displays incorrect error message related to version mismatch.
40.	CW-97891	CSR-12118	Features	For the two solids models with similar geometry, when the command (Extract Machinable Features) for Automatic Feature Recognition is run, the results are different.
41.	CW-97889	CSR-12159	Setup sheets	Add variables for "Minimum cut amount, Maximum cut amount and Scallop" values to be displayed in the setup sheets.



Sr. No.	CPR Number	Help Desk ID	Area	Description
42.	CW-96984	CSR-11682	TechDB	After customized data present in Technology Database 2018 version is imported into Technology Database 2019 version and the Save Operation Plan (SOP) command is run for a Counter Bore feature with Tap operation, then SOLIDWORKS crashes. Crash DOES Not occur if tap is removed.
43.	CW-96307	CSR-11397	Operation	When using Three Point Bore or Three Point Boss method for a Probing operation, CAMWorks offers no means to control the angles for the three touch points, resulting in the inability to avoid clamps.
44.	CW-96270 CW-83143	CSR-11368 CSR-13787	TechDB	Within the Technology Database user interface, when Tap Cutting or Tap Rolling Conditions are copied to create a new entry, the operations associated with those conditions are not copied.
45.	CW-89722	CSR-10108	TechDB	For Tap Rolling tools under Mill Tooling in the default Technology Database app, the value of "Tap drill dia" assigned by user is not saved correctly. Incorrect values are displayed for this parameter within the Tap Rolling grid of saved tools.
46.	CW-87896	CSR-9464	Post	Add a post variable for "Shoulder Length(L4)" in Universal post generator.
47.	CW-87289	CSR-8777	Post	If the option of sub spindle is set to Off then, tool change command should not be posted for successive operations machining with the same tool.
48.	CW-86681	CSR-8680	Post	The posted output of the drill operation positioned after a Multi Axis Mill operation will contain incorrect values for "INC-ROT_TILT_A" variable.
49.	CW-86651	CSR-8654	TechDB	In TechDB, under Multi stepped hole features the user must select the text of the operation name while inserting a new operation. Selecting anywhere in the same line of the text should allow the user to insert the operation.
50.	CW-85899	CSR-8097	TechDB	The user must select the 'Show Filter' option every time he/she opens the TechDB App. It is recommended that an option be provided to enable this filter option so that there is no need to reselect it every time the database is opened fresh.



Sr. No.	CPR Number	Help Desk ID	Area	Description
51.	CW-83143	CSR-13787	TechDB	In TechDB whenever a new tap is created by copying the existing tap then, its corresponding operations should also get copied to the newly created tap tool.
52.	CW-81062	CSR-5175	TechDB	In TechDB, incorrect values are observed for some of the parameters in Pencil Mill operation.
53.	CW-42892	CSR-3769 CSR-15182	Operation	The estimated machining time for Drilling toolpath with pecking cycle is incorrect.
54.	CW-30682	10-4440	Features	For the specific Turn part, the feature segments on non-revolved faces are inside the part. CAMWorks does not recognize the correct OD feature even though the Feature Extraction method is set to Revolved section.
55.	CWR-1868	CSR-14414	Toolpath	The toolpath for Z level operation does not get generated when holder avoidance option is enabled in the advanced tab of operation parameters dialog box.
56.	CWR-1854	CSR-14102	Toolpath	When 3 axis toolpath generation method is set to Advanced then, the toolpath for Area Clearance operation displays incorrect move on the Multisurface feature, when the holder avoidance option is enabled.
57.	CWR-1853	CSR-14119	Toolpath	When 3 axis toolpath generation method is set to Advanced then, for the specific part the toolpath of Flat Area operation has incorrect links.
58.	CWR-1842	CSR-13894	Toolpath	When 3 axis toolpath generation method is set to Advanced then, for the specific part, no toolpath is generated for Area Clearance operation when the machining limits are defined the feature limits or stock limits.
59.	CWR-1840	CSR-13807	Toolpath	When 3 axis toolpath generation method is set to Advanced then, for the specific part the toolpath of Z Level operation with the option Hit flat set to On, incorrectly machines the feature.
60.	CWR-1838	CSR-13735	Toolpath	When the 3-axis toolpath generation method is set Advanced then, the retract distances for the toolpaths under setups which are at an angle to the spindle direction are incorrect.



Sr. No.	CPR Number	Help Desk ID	Area	Description
61.	CWR-1833	CSR-13622	Toolpath	When the 3-axis toolpath generation method is set to "Advanced" then, for the specific part the toolpath generated for pattern project does not apply leadin and leadout to each pass.
62.	CWR-1800	CSR-12977	Toolpath	When the 3 Axis toolpath generation method is set to Advanced then, for the specific part, incorrect toolpath is generated for Pencil Mill operation using tapered shank ball nose tool.
63.	CWR-1759	CSR-11796	Toolpath	When the 3-axis toolpath generation method is set to Advanced then, the toolpath of area clearance operation with entry type set to ramp and entry holes defined makes entry moves at locations which are not defined by the user. It should make plunge moves at the user defined entry points.
64.	CWR-1696	CSR-11210	Toolpath	When the 3-axis toolpath generation method is set to "Advanced" then, for the specific part incorrect toolpath is generated for the Z Level toolpath.
65.	CWR-1679	CSR-94323	Toolpath	When the 3 Axis toolpath generation method is set to Advanced then, for the specific part no toolpath is generated for Area Clearance operation with pattern type set to adaptive.