



Resolved CPRs

CAMWorks 2021 SP0

* 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-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.
2.	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.
3.	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.
4.	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.
5.	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.
6.	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.
7.	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.
8.	CW-103745	CSR-14582	Operation	For the specific assembly, incorrect display of tool is seen during step through simulation of Contour Mill toolpath.
9.	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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10.	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.
11.	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.
12.	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.
13.	CW-103525	CSR-14460	Post	The Z coordinate and radius values for arcs on sub spindle wrapped features are incorrect.
14.	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.
15.	CW-103301	CSR-14271	Post	Add the ability to use post command "KILLSYSFILE" to delete main posted program, without posting set file.
16.	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.
17.	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.
18.	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.
19.	CW-102510	CSR-14099	Post	The value of post variable "GETMCS" is incorrectly set in the posted code of Multi axis operation.
20.	CW-102413	CSR-14057	Translation	In Polish language version of TechDB, the label "ID" is incorrectly translated in Mill Tooling menu.



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21.	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.
22.	CW-101868	CSR-13832	UIF	The size of the text field "Combination ID" is small in the station tab of operation parameters dialog box.
23.	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.
24.	CW-101820	CSR-13808	Post	Incorrect coordinate values are observed in the posted output of toolpaths machining patterned wrapped features.
25.	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.
26.	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.
27.	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.
28.	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.
29.	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.
30.	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.



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31.	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.
32.	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.
33.	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.
34.	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.
35.	CW-98775 CW-98765	CSR-12707	Features	For the specific assembly, some of the rectangular pocket feature are not recognized automatically by CAMWorks.
36.	CW-98722	CSR-12048	Toolpath	For the specific part upon regenerating the toolpath in the existing Multi axis Mill operation results in incorrect toolpath.
37.	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.
38.	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.
39.	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.
40.	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.



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41.	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.
42.	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.
43.	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.
44.	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.
45.	CW-87896	CSR-9464	Post	Add a post variable for "Shoulder Length(L4)" in Universal post generator.
46.	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.
47.	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.
48.	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.
49.	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.



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50.	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.
51.	CW-81062	CSR-5175	TechDB	In TechDB, incorrect values are observed for some of the parameters in Pencil Mill operation.
52.	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.
53.	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.
54.	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.
55.	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.
56.	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.
57.	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.
58.	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.
59.	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.



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60.	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.
61.	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.
62.	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.
63.	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.