Resolved CPRs

CAMWorks 2020 SP2

* Please refer to '**What's New**' PDF document for details regarding enhancements in CAMWorks 2020.

Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CW-99518	CSR-13005	Translation	In German language version of CAMWorks, the command names in the CAMWorks NC Editor tab are incorrectly translated and interchanged.
2.	CW-99135	CSR-12846 CSR-12789	Operation	In Turn mode, the functionality to automatically set the spindle rotation direction(CW/CCW) based on hand of cut, feature being machined, and spindle being used is functioning incorrectly and needs to be improved.
3.	CW-97602	CSR-11981	Feature	For the specific part, incorrect hole features are recognized when features are recognized after creating a Mill Part Setup.
4.	CW-97372	CSR-11876	Operation	When Generate Operation Plan is selected after inserting new features then, the parameters of earlier created operations are changed along with the creation of new operations from TechDB. Under such circumstances only operations for new features should be created and existing operations shouldn't be affected.
5.	CWR-1781	CSR-12368	Toolpath	For the specific Mill Part model, the Area Clearance Toolpath that peruses Mirror function fails to generate when the Toolpath Generation Method is set to 'Advanced'. An internal error message is displayed.
6.	CWR-1771	CSR-12062	Toolpath	When the 3 axis toolpath generation method is set to Advanced then, incorrect toolpath generated for Z-level operation with negative XY allowance.
7.	CWR-1767	CSR-11883	Toolpath	When the 3 axis toolpath generation method is set to Advanced then, for the specific Mill part, no toolpath is generated for Area Clearance operation if the depth parameter is set to Scallop and the option of hit flats is set to On.
8.	CWR-1765	CSR-11886	Toolpath	When the 3 axis toolpath generation method is set to Advanced then, for the specific Mill part, it is observed that the toolpath for Z level operation skips one of the Z level.
9.	CWR-1764	CSR-11885	Toolpath	When the 3 axis toolpath generation method is set to Advanced then, the toolpath of Area Clearance operation with "Adaptive Stepdown" and "Hit Flats" set to ON doesn't machine the flat areas in the feature.

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10.	CWR-1682	CSR-10980	Toolpath	When the 3 Axis Toolpath Generation method is set to Advanced then, for the specific part, the toolpath for Z level operation results in feed move that violates ramp angle and results in tool breakage.

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Sr. No.	CPR Number	Help Desk ID	Area	Description
1.	CW-98107	CSR-12286	Toolpath	For the specific Mill part, when spring passes are applied to Thread Mill operation, then extra spring passes are generated in the Z direction with wrong depth.
2.	CW-97884	CSR-12157	Toolpath	With the specific part, a crash is seen in SOLIDWORKS/CAMWorks Solids when a Rough Mill toolpath with pattern type set to "Zig" and tool type set to tapered ball nose is generated with on a Rectangular Pocket feature.
3.	CW-97712	CSR-10156 CSR-11158 CSR-8316	Toolpath	The toolpaths generated for Thread Mill operations with Conventional Milling and thread passes are incorrect. For all spring passses from the second one onwards, the toolpaths are offset in Z direction by a thread pitch.
4.	CW-97684	CSR-10156 CSR-11158 CSR-8316	Toolpath	The toolpaths generated for Thread Mill operations when Leadin/Leadout Method is set to 'Auto', the leadin and leadout generated for all passes from second pass onwards are incorrect. No linear feed moves are observed before and after arcs for Cutter Compensation are observed for these passes.
5.	CW-97496	CSR-11940	TechDB	In SQLite-based TechDB, for Roughing operations, the user is unable to modify the "Auto Correct" option for Entry Points in the Feature Options tab of Operations interface.
6.	CW-97495	CSR-11916	Toolpath	The cut direction of climb/conventional in a toolpath for Contour Mill operation on a curve feature is controlled by the order in which the segments have been selected. But, the cut direction should be independent of the selection order.
7.	CW-97403	CSR-11873 CSR-11929	TechDB	When TechDB of CAMWorks 2019 is imported into CAMWorks 2020 then, the values of parameters associated with Probe operation are incorrectly imported.
8.	CW-97370	CSR-11862	Translation	In Czech language version of CAMWorks, the translation of the units for the parameters 'Back Angle>' and 'Back Angle<=' in TechDB should be 'Degrees' instead of 'mm'.
9.	CW-97315	CSR-11836	Translation	In Czech language version of CAMWorks, the translation for the names of the Mill Face feature, Turn Face feature and some of the Mill tools in TechDB is incorrect.
10.	CW-97058	CSR-11671	UIF	For the specific Turn Part, the display of the Turn tool holder is incorrect during step through and simulation.

Sr. No.	CPR Number	Help Desk ID	Area	Description
11.	CW-97050 CW-87834	CSR-11741 CSR-9454	Toolpath	The toolpaths generated for Rough Mill operations with pattern type set to Volumill shift away from the feature location when the machining depth is overridden by the user.
12.	CW-97032	CSR-11717	Post	Correction required in NC code generated using Mill-Turn post processors. When doing X Plus only on Face Fixed in Mill-Turn mode, if SPINDLE_ORIENTATION = 0, then don't call CALC_OUTPUT_POLAR_SPINDLE_ORIENTATION.
13.	CW-97028	CSR-11714	Assembly	For the specific Assembly file, while switching from one configuration to another in the CAMWorks Feature tree, SOLIDWORKS crash is observed.
14.	CW-96999	CSR-11693	Translation	In Czech language version of CAMWorks, the names of some of the parameters associated with the Probing Operation interface need to be modified as they are incorrect.
15.	CW-96945	45627	Help	In the Help documentation for post variables associated with Probing functionality, the names of some of the the variables are incorrect. The variables "probe_j_cycle_spec_dist_x" and "probe_k_cycle_spec_dist_x" need to be renamed to "probe_j_cycle_spec_dist_y" and "probe_k_cycle_spec_dist_z" respecitvely.
16.	CW-96944	CSR-11661	System	In the set up tab of Machine dialog box, when indexing limit is changed then the option "Update indexing angles for setups" updates angles of the existing Mill Part setup but, the orientation remains same.
17.	CW-96913	CSR-11611	Post	Do not allow posting of Probing operations if the post processor has the header of "If ALLOW_PROBING" set to false.
18.	CW-96624	CSR-11187	Operation	For specific mill parts, when rebuild is performed then, the machining depth of the Countersink operations for hole feature gets modified.
19.	CW-96594	CSR-11481	UIF	If user manually selects multiple operations in the Operations tree with the last operation selected being a probe operation, then the Post Process command is not available in the context menu.
20.	CW-96588	CSR-11476	Toolpath	For the specific part the retract move of the Turn Drill operation gouges the part.
21.	CW-96586	-----	Machine Simulation	In CAMWorks Virtual Machine, the gang tools are displayed incorrectly.
22.	CW-96567	CSR-11465	Simulation	In simulation the thread mill tool assigned to a thread mill operation is displayed incorrectly.

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23.	CW-96537	CSR-10716	Machine Simulation	In CAMWorks Virtual Machine with controller type set to Siemens, the depth simulated for drill operations is incorrect.
24.	CW-96376	CSR-11400	System	For the specific Mill Assembly user is unable to switch between configurations and retain the features and operations of the active configuration.
25.	CW-96295	CSR-11371	Machine Simulation	Simulation of Probing cycles must be supported on CAMWorks Virtual Machine.
26.	CW-96266	-----	API	Add new APIs to Set/Get Methods for all Turn Tool and Holder parameters also develop a macro for Turn Tooling.
27.	CW-96027	CSR-11316	UIF	When the stock for any Mill part is defined using a sketch, it is observed that length of the stock in X direction will always be the biggest number from the lengths defined in the three directions instead of following lengths as per the defined Coordinate System.
28.	CW-95997	CSR-11323	ShopFloor	In CAMWorks Shopfloor, the toolpaths are not visible even though the display option of OpenGL display is set to 'Hidden line'.
29.	CW-95995	CSR-11317	Toolpath	For the specific Mill assembly, the toolpath generated for rough mill operation with pattern type set to Volumill on an open pocket feature gouges the island.
30.	CW-95812 CW-95809	CSR-10773	TechDB	When a customized TechDB is used in conjunction with CAMWorks and a tool is added from the TechDB to the Tool tree then, incorrect values are populated for Tool ID, Tool material and Coolant type.
31.	CW-95491	CSR-11138	TechDB	When user attempts to define a Taper tool in the TechDB, the application doesn't allow the End Diameter (D1) of the tool to be less than the Shoulder Diameter value (D4).
32.	CW-95248	CSR-11008	VoluMill	When Rough Mill toolpath [with VoluMill pattern and Entry Method set to 'Pre-drilled Holes' in VoluMill Settings dialog box] is generated for grouped pocket features, then it is observed that the toolpath doesn't follow the entity at the entry points. However, VoluMill toolpath generates correctly if applied to individual pocket features.
33.	CW-95177	CSR-11098	Machine Simulation	Incorrect "Shoulder Diameter" value is passed from TechDB to CAMWorks Virtual Machine application.
34.	CW-95176	CSR-11060 CSR-11108	UIF	User must select the thread type and size twice in order to associate it with the active hole feature. It should be possible to set the required thread type with only one attempt.

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35.	CW-95172	44924	Translation	In Polish version of CAMWorks, the translation of the parameter "Effect Lead Angle" in Continuous B axis user interface is incorrect.
36.	CW-95145	44893	Feature	The number and location of the tabs set in a contour mill operation are not updated correctly when the feature is modified and CAMWorks data is rebuilt.
37.	CW-95113	44868	Translation	The translation for many of the parameters present in NC tab of Turn Operation Parameters dialog box is incorrect.
38.	CW-95005	CSR-11073	Toolpath	In rough mill operations with pattern type set to Volumill, an extra pass is generated if the machining depth of the feature is increased.
39.	CW-94893	CSR-11035	Post	Add two new post variables for passing info on 4th and 5th axis reverse directions (i.e. whether the Rotary and Tilt axis reverse checkbox in the Machine dialog box is checked or not).
40.	CW-94631	44963	Translation	In Polish language version of CAMWorks, the translation for "Part bounding Box Vertex" and "Stock Bounding Box Vertex" in Fixture coordinate system tab is incomplete.
41.	CW-94493	CSR-10888	Toolpath	In Area Clearance operations with pattern type set to Volumill, the user defined entry points are ignored.
42.	CW-93610	CSR-10731	TechDB	For the specific customized TechDB, the hole thread mapping table displays empty fields for the parameters. This results in incorrect mapping of hole features in CAMWorks.
43.	CW-93578	CSR-10706	TechDB	When a tool is added in the Assembly tool crib with the "Combination ID" filter then, the first tool from the overall assembly list is selected instead of the first tool in the list of filtered tools.
44.	CW-93544	CSR-10684	TechDB	In Tooling section of TechDB, for drill tools, the Shoulder diameter value is not editable under 'Straight' shank. It remains unchanged when the 'D1' value is modified. Although this parameter is disabled, it must still display the correct updated value within its corresponding field.
45.	CW-93234	CSR-10635	Toolpath	While machining MS Hole features with rough mill operation with pattern type set to Volumill, a portion of the toolpath is deleted if a negative bottom allowance is given or if the machining depth is increased.
46.	CW-93073	CSR-10631	Translation	In French version of CAMWorks, for Turn/ Mill-Turn mode, the translation of Main Spindle and Sub Spindle options for Spindle Origin parameter in Origin tab of Operation Setup Parameters dialog box is incorrect.

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47.	CW-92825 CW-83439	CSR-10562 CSR-6311	UIF	For dual-screen setups, the Operation Parameters dialog box for Multiaxis Mill operations opens up only on the first screen unlike other Mill operations that open at the last screen position.
48.	CW-92760	CSR-10589	Simulation	For the specific Turn part model, when Simulation is run at low speeds (less than 30%), a warning message indicating collision between tool holder and stock is displayed. However, if Simulation is run at full speed (100%), then no warning message about collision is observed.
49.	CW-92593	CSR-10578	Operation	The values assigned as additional amount for leadin/out moves of Contour Mill operation in TechDB do not make any impact on the generated toolpath until the operation is edited and the toolpath is regenerated.
50.	CW-92182	CSR-10479	Toolpath	For the specific part the incorrect toolpath is generated for Rough Mill operation with pattern type set to Volumill and rest machining method is set to WIP.
51.	CW-91965	CSR-10461	Simulation	For the specific part model, when user attempts to run Simulation at full speed, an error message regarding inability to run simulation is displayed. However, if user reduces the Simulation speed to any speed less than 100%, then simulation runs successfully without any hitch.
52.	CW-90583	CSR-10243	UIF	When multi-screen/ dual-screen setup, depending on the definition of which screen/monitor is assigned as the Main screen, CAMWorks dialog boxes may or may not open at the last screen position. In some cases, the dialog boxes end up opening in a non-visible location leading to confusion.
53.	CW-89986	CSR-10156 CSR-11158	Toolpath	In Thread milling operation on a hole feature with multiple passes the leadin move is observed only on the first pass and not on other passes.
54.	CW-89002 CW-85343	CSR-10028 CSR-10035 CSR-10923 CSR-9832 CSR-7483	Toolpath	The NC code for VoluMill operations that were generated for Wrapped features on Mill-Turn part models output incorrect moves. Arc moves are posted as line moves.
55.	CW-89001	CSR-10021	Simulation	For the specific Mill part model with Multiaxis Mill toolpaths, error message is displayed when user attempts to run simulation.
56.	CW-88983	CSR-9973	Operation	In Mill mode, when 'Sort Operations' is done then, multiple Mill Part Setups with identical names are created.
57.	CW-88685 CW-86727	CSR-10857 CSR-9836 CSR-8742	Simulation	The display of the User Defined Drill tools in simulation is incorrect.

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58.	CW-88654	CSR-9895	Toolpath	For the specific Mill part, the Contour Mill toolpath generated for an Open Profile feature (with Avoid Area defined along the feature boundary) gouges the part.
59.	CW-88621	CSR-9833	Post	For Mill-Turn part models, if the Contour Mill operations generated for its Counterbore holes are machined using Turn tools in the Front turret, then it is observed that Arc moves are posted incorrectly in the NC code.
60.	CW-88576	CSR-9836	UIF	For the specific Turn part, the display of the User Defined Turn inserts is incorrect in step through simulation.
61.	CW-88542	CSR-9821	VoluMill	For the specific Mill part model, a 2.5 Axis VoluMill toolpath has been generated for an irregular slot feature. It's observed that this toolpath gauges the part on the slot feature as it creates a wrong feed link in the air segment portion of the slot feature. No gouging by toolpath is observed when Rough Mill patterns other than VoluMill are used.
62.	CW-87702	CSR-9385	UIF	In turn mode, when the chuck display is set to ON then, the display of the part during rotation is not smooth.
63.	CW-87376	CSR-9072	Translation	In Czech language version of CAMWorks, the parameter "Depth>" is incorrectly translated in tap cutting and tap rolling menu of TechDB.
64.	CW-87312	CSR-9031	Operation	In Mill Assembly mode, if the fixture components are selected by window selection then, even the hidden components are added as fixtures.
65.	CW-86727	CSR-8742	Simulation	The profile of the User Defined Tool set for a drill operation in Turn mode is incorrectly displayed during simulation.
66.	CW-86265	CSR-8289	Feature	If a hole group feature is simulated after reducing the number of holes within the hole group features, then each existing hole feature is drilled twice. This happens because the deleted hole features are added twice with the next hole in the hole group.
67.	CW-86260	CSR-8316	Toolpath	Cutter comp is not cancelled properly when the leadout for thread mill is set to Automatic. While using the Automatic Leadout option for Thread mill, the toolpath should include a linear feed move from the end of the arc leadout to the center of the hole for cut comp to be cancelled properly.
68.	CW-86057	CSR-8258	Assembly	For the specific Assembly file, when user attempts to edit the Tool Crib associated with its second machine, SOLIDWORKS crashes.
69.	CW-86030	CSR-8224	Feature	When defining a Mill part setup in assembly, the user is unable to select an assembly level plane from the SOLIDWORKS feature manager.

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70.	CW-85898	CSR-8096	TechDB	With custom TechDB, the corner radius value for a Flat End mill is considered while displaying the shape of the tool during simulation. This makes the display of the tool incorrect.
71.	CW-85343	CSR-7483	Toolpath	In Mill-Turn mode, when VoluMill toolpaths are generated for OD Wrap features, it is observed that the toolpaths contain arc moves. This is incorrect as Arc moves aren't supported for OD Wrap features when post processing. Consequently, posted NC code ends up generating linear moves to connect arc end points, thereby resulting in incorrect toolpaths.
72.	CW-83769	CSR-6558	Simulation	For the specific Mill part, the geometry of the Dovetail tool assigned to its Contour Mill operation is incorrectly displayed during simulation.
73.	CW-81150 CW-74885	CSR-11580 CSR-6717 CSR-5350 CSR-5209 CSR-2768	Machine Simulation	For specific Mill Assembly FILES, data associated with stock is not displayed when running standard Machine Simulation using CAMWorks Virtual Machine. This occurs as stock related data is not passed on to the CAMWorks Virtual Machine application.
74.	CW-79706	CSR-4725	UIF	The display of the Trigonal insert mounted on Front Turret is incorrect when it is accessed from tools tree. The same incorrect display is shown in CAMWorks Virtual Machine.
75.	CW-78124	CSR-4029	Stock	A functionality needs to be provided whereby users can define the quality and deviation of the stock while using SOLIDWORKS stock (part file/ assembly). Currently, this functionality is available only for STL-based stocks.
76.	CW-77438	CSR-3772	TechDB	When using customized TechDB, if the Generate Operation Plan command is executed for Threaded Hole features, inactive tap- cutting/ tap-rolling tools get assigned to the generated operations along with active ones. CAMWorks doesn't filter out inactive tap tools before tool allocation.
77.	CW-74918	CSR-2783	VoluMill	For the specific Mill part model, the VoluMill toolpath fails to generate when the Feature Depth in Feature Options tab is overridden or when the Origin is set to below the feature in Z direction in Origin tab.
78.	CW-74885	CSR-2768 CSR-5350 CSR-6717	Machine Simulation	when standard APT machine simulation is run for a specific assembly, it is observed that stock related data is not passed on to CAMWorks Virtual Machine.
79.	CW-70633	CSR-899	Toolpath	The Volumill toolpath generated on a wrapped feature is incorrectly post processed as the circular moves are not split into linear moves. This results in erroneous machining of the feature.

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80.	CW-70268	CSR-663	Toolpath	For the specific part, incorrect toolpath is generated for Rough Mill operation with pattern type set to Volumill when the step over percentage set between 9.99 and 10.01%.
81.	CWR-1726	CSR-11512	Toolpath	When the 3 Axis Toolpath Generation method is set to Advanced then, for the specific part an error is observed in the posted output of the toolpath of Area Clearance operation. The error is due to incorrect computation of arcs.
82.	CWR-1724	CSR-11436	Toolpath	When the 3 Axis Toolpath Generation method is set to Advanced then, for the specific part the toolpath for Z Level operation is not generated because of incorrect computation of avoid surfaces.
83.	CWR-1687	CSR-11111	Toolpath	When the 3 Axis Toolpath Generation method is set to Advanced then, for the specific part the toolpath for Z Level operation with contain area defined using multiple closed loops is not generated.
84.	CWR-1685	CSR-10955	Toolpath	When the 3 Axis Toolpath Generation method is set to Advanced then, for the specific part the entry moves with entry type set to spiral for an area clearance operation are incorrect as the tool is made to cut the material in both directions.
85.	CWR-1675	CSR-10894	Toolpath	When the 3 Axis Toolpath Generation method is set to Advanced then, for the specific Mill part uneven cut depth is observed for Z Level toolpath.
86.	CWR-1674	CSR-10816	Toolpath	When the 3 Axis Toolpath Generation method is set to Advanced then, for the specific Mill part high amount of time is taken to compute the toolpath for Z Level operation with Max Link distance set to 20mm.
87.	CWR-1672	CSR-10785	Toolpath	When the 3 Axis Toolpath Generation method is set to Advanced then, for the specific assembly, the Area Clearance Toolpath is not maintaining the user defined allowance.
88.	CWR-1665	CSR-10506	Toolpath	When the 3 Axis Toolpath Generation method is set to Advanced then, for the specific part the toolpath for Pattern Project operation with Mach Deviation set to 0.0001 us bit generated.

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1.	CW-96721	CSR-11576	UIF	In Wire EDM module, the insert new feature command in CAMWorks command manager is incorrectly displayed as "Mill feature".
2.	CW-96658	CSR-11435	Operation	User is not able to select a User Defined Turn tool for any turning operations although the tool is properly defined in TechDB.
3.	CW-96567	CSR-11465	Simulation	While simulating Thread Mill operations, incorrect display of the thread mill tool seen in case if an ineffective length is defined for the tool.
4.	CW-96622	CSR-11491	Operation	For a Turn part, the user set strategy of 'Thread' is not retained and is reset to a default strategy when the same feature is edited again.
5.	CW-96275	CSR-11374	Post	When probe operations are posted using a post processor which doesn't support probe operations then, an error message should be displayed.
6.	CW-96206	CSR-11332	Help	Add "UPDATE_WORK_OFFSETS_CYCLE" as a constant instead of variable in Universal Post Generator help file.
7.	CW-96205	CSR-11347	Toolpath	The toolpath for probe operation is not generated automatically when the Work coordinate system is modified in the operation parameters.
8.	CW-95999	CSR-10728	Operations	With the customized TechDB, the coolant information for an assembly tool is incorrectly displayed in CAMWorks.
9.	CW-95218	Beta - 44916	Translation	In Polish language version of CAMWorks, the labels for the probing parameters needs to be modified.
10.	CW-95127	44955	Translation	In Polish language version of CAMWorks, the text "Chamfer for curve feature" is incorrectly translated in the Options dialog box.
11.	CW-95126	Beta-44867	UIF	The values of "Thread Depth" and "Pitch" in the OD profile parameters dialog box cannot be modified by user even though the parameters are active.
12.	CW-94495	-----	Translation	In Spanish language version of CAMWorks, the text of "Auto Select Edges For Chamfering" is incorrectly translated in the 2.5 axis feature select entities dialog box.

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13.	CW-94441	CSR-10920	Operation	When the machining depth of the counterbore hole feature is modified by changing the Hole start and end offset, the same is not reflected in the machining depth on the feature options tab of the operation.
14.	CW-94155	Beta-44226	Post	The Work Coordinate System details from the probe operation are incorrectly output in case the probe operation happens to be at the start of the Mill Part Setup.
15.	CW-94089	CSR-10792	Feature	For the specific part, when a rectangular slot feature is defined using a sketch then, the direction of the profile segment is incorrectly displayed.
16.	CW-93584	-----	UIF	In a Probe operation tab, allow the user to modify the default depth in Z axis by activating the offset parameter.
17.	CW-93247	CSR-10695	Setup Sheet	The setup sheet generated for Turn Operation displays the spindle speed in terms of SMM even though the same has been defined in terms of RPM.
18.	CW-92747	CSR-10600	Post	In Universal Post Generator-2, it is observed that "F5" shortcut option which is used for compiling post window is missing in file menu.
19.	CW-92266	CSR-10532	Feature	For the specific part, the curve feature profile "Flip direction to cut" doesn't get updated while performing the Edit feature function after saving it. The flip direction to cut of the feature profile is returned to the previous condition.
20.	CW-92231	CSR-10457	Post	Add the ability in the post processor to know about the indexing details of the selected machine.
21.	CW-92161 CW-88653	CSR-10428 CSR-9880	Simulation	For the specific parts incorrect display of tap tool is seen during simulation of tapping operations.
22.	CW-91645	CSR-10328	Assembly	For the specific Assembly file, when the CAMWorks configurations are changed in the CAMWorks NC Manager then, CAMWorks crashes.
23.	CW-91143	CSR-10333	API	In the assembly mode, when the macro to change the machine type is executed then SOLIDWORKS crashes.
24.	CW-90978	CSR-10306	System	In Turn and Mill-Turn mode, the user will not be able to assign feeds and speeds to any operations using tools from the second Rear or Front turrets. Because of such a limitation, the user will not be able to generate any toolpaths.

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25.	CW-90581	CSR-10232	Toolpath	When a toolpath is edited and if some of the segments are deleted then, the newly created links do not adhere to the value of "Auto safe Z plane" and are created at rapid plane location.
26.	CW-90155	CSR-10190	ShopFloor	To have a version of CW Shopfloor in Czech language.
27.	CW-88697	CSR-9903	Help	Add description regarding variable of "PRT_PATH" in Universal Post Generator help document.
28.	CW-88394	CSR-9948	Operation	The direction of tabs in contour mill operations for part perimeter feature is incorrect.
29.	CW-88257	CSR-9684	Post	The Z co-ordinates of a Multi axis mill operation on a sub spindle setup in a Mill-Turn machine should be referenced from the sub spindle co-ordinate system and not the main spindle co-ordinate system.
30.	CW-87825	CSR-9452	Translation	In Japanese language version of CAMWorks, the string "Canned Cycle" is incorrectly translated.
31.	CW-87537	-----	Feature	For the specific part, when "Extract Machinable Feature" command is executed then the features are not generated.
32.	CW-87407	CSR-9113	Toolpath	For Multi Axis Mill operations with the method set to Swarf Milling, the method of 'Sorting' is disabled when the number of cuts in stepover pattern is set to 1.
33.	CW-87281	CSR-9009	TechDB	In Mill Tooling>>Threading menu, the spindle type defined for "Tap Cutting" and "Turn Tap Operations" is different. Due to this, operations are not generated when Generate Operation Plan is done.
34.	CW-87128	CSR-8908	Operation	The "Start code" and "End code" fields in wait code settings dialog box of CAMWorks Sync Manager, should not accept negative values.
35.	CW-86874	CSR-8812	Feature	Islands are not recognized on slot feature when the "Recognize feature by depth" option is enabled in the Mill Features tab of Options dialog box.
36.	CW-86503	CSR-8567	Feature	In Mill-Turn, user cannot select an edge of the part to define the axis to create a pattern for a feature.
37.	CW-85730	CSR-8015	API	Incorrect values are being returned with "ICWMillOperation3::GetMinimumZ" method in the SolidworksCAM API.
38.	CW-85424	CSR-7750	Help	The Help description for the parameter of "Avoid small profiles" on Advanced tab of 3 Axis operation needs to be updated.

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39.	CW-85019	CSR-7477	Feature	For the specific part automatically recognized slot feature has incorrect depth value.
40.	CW-84539	CSR-7217	UIF	When incorrect post processor is selected then, the error message displayed needs to be improved.
41.	CW-82041	CSR-5596	Feature	For the specific turn part, incorrect part profile is generated when the part profile generation method is set to Revolved section.
42.	CW-78943	CSR-4430	Help	Add information on the "Avoid Areas" option to the milling Help documentation.
43.	CW-78921	CSR-4403	Operation	While using a dual spindle lathe, the lathe presets don't consider coordinate system at sub spindle setup, instead the Z preset considers Main spindle.
44.	CWR-1668	CSR-10674	Toolpath	For the Z level toolpath, when "Hognose" tool is used then it is observed that user cannot assign a negative allowance value more than the radius of the tool.
45.	CWR-1667	CSR-10372	Toolpath	For the specific part, when the 3 axis toolpath generation method is set to "Advanced Method" then, significant amount of time is taken to calculate the toolpaths.