HEXAGON

Release Notes
ESPRIT EDGE 2026.1

26 February 2026

Contents

Welcome to ESPRIT EDGE!

We are pleased to announce the release of **ESPRIT EDGE 2026.1**, the first of four planned releases in 2026 and an important milestone in the continued evolution of our next-generation CAM platform.

This release lays the foundation for the year ahead, focusing on targeted capability expansion, workflow refinements, and core platform improvements that support increasingly complex machining requirements. As with every release, we have also addressed customer-reported issues and delivered performance and stability enhancements to ensure dependable operation in production environments.

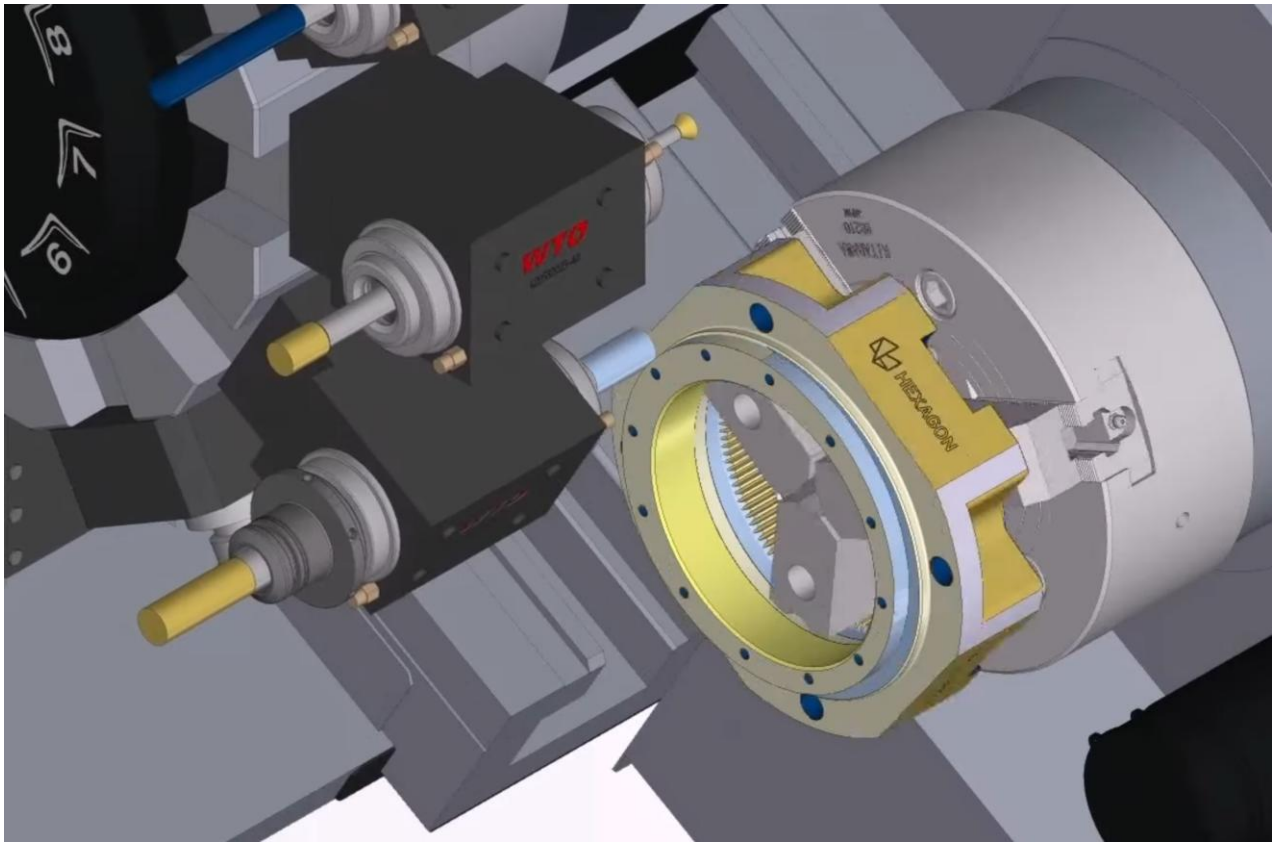
We encourage all users to review the detailed release notes and begin leveraging the new and improved functionality introduced in this release.

⚠ Notice: Windows 10 End of Support

Microsoft ended support for Windows 10 on **October 14, 2025**.

ESPRIT EDGE 2026.1 requires Windows 11 to ensure security, stability, and full functionality.

ProPlanAI Turning

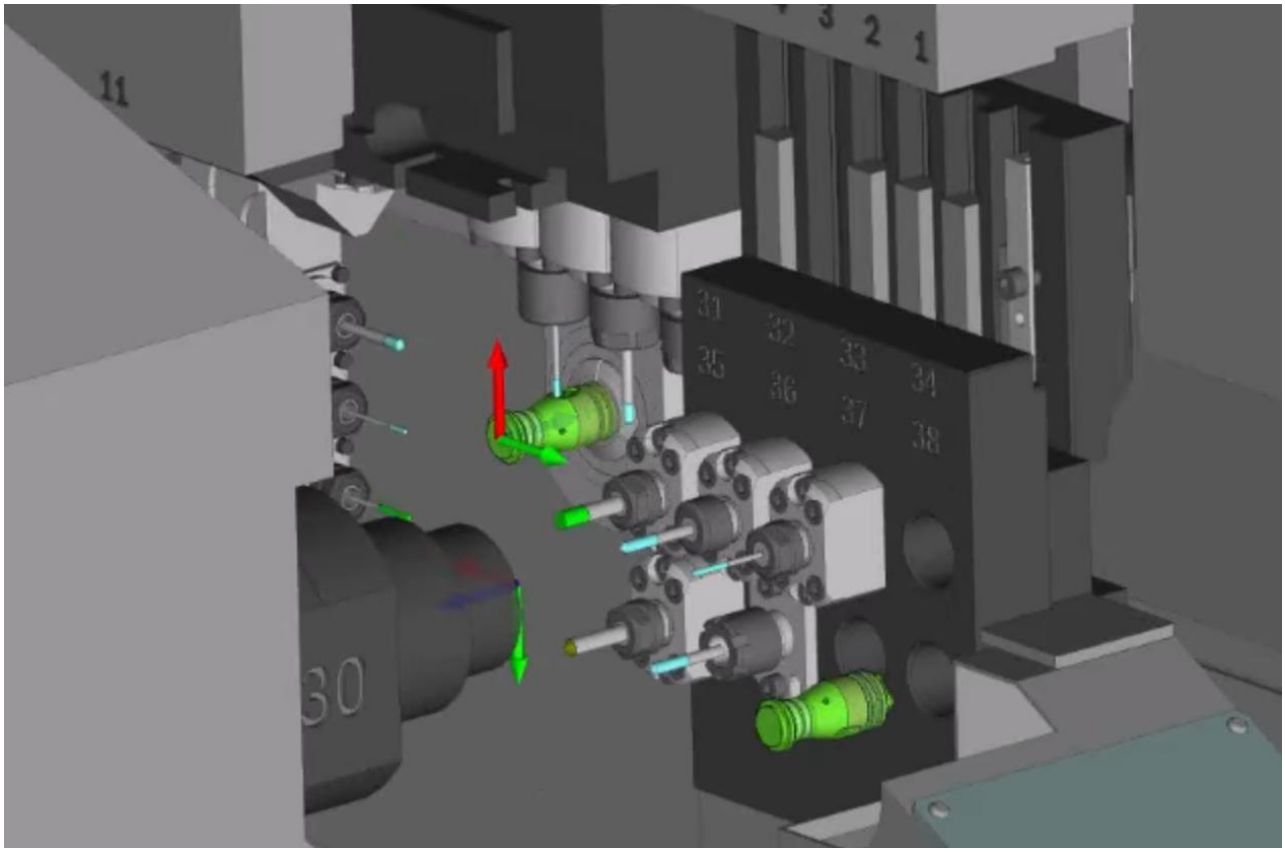


ProPlanAI is officially released for turning, mill turn and Swiss programming. ProPlanAI adds consideration of the amount of stock to be removed for better turning process prediction.

A Prediction Manager window is available in the Cloud Apps connector. After connecting to Cloud Apps, select ProPlanAI to start the Prediction Manager. This manager shows pending/successful predictions and the historical data sources that were used.

For existing ProPlanAI users, to take advantage of these updates, files with turning operations must be reextracted using ESPRIT EDGE 2026.1 or the 2026.1 Bulk Data Extractor.

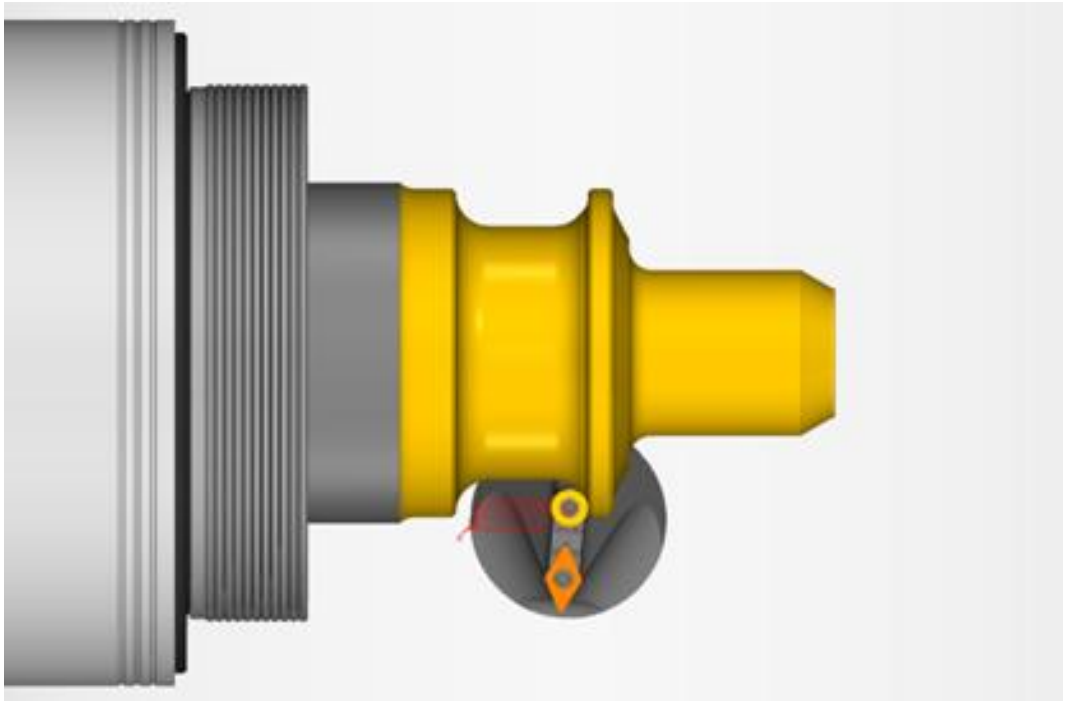
Guide Bushing Configuration



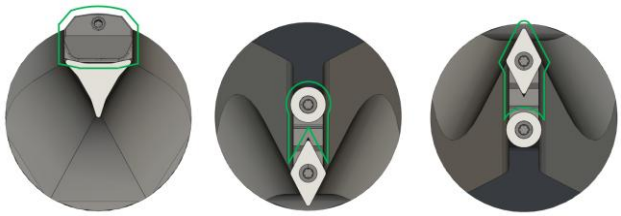
A Swiss machine DMP can now support multiple configurations of guide bushings or removal of the guide bushing. Edit the machine setup and select the desired configuration to program the Swiss machine in chucker mode or sliding head stock mode.

This new option requires updating the machine files with latest version of the machine from the machine center.

Y-Axis Turning Collision Detection

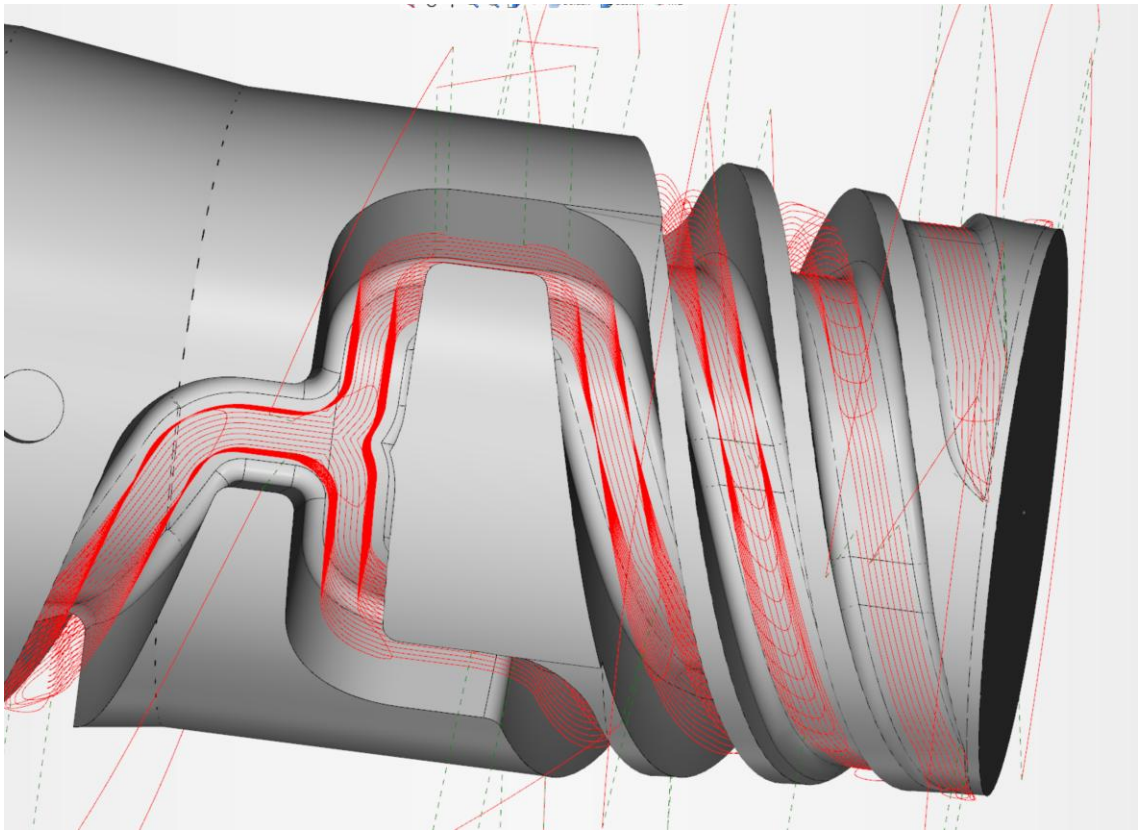


ESPRIT EDGE 2026.1 introduces advance collision-awareness for Y-axis turning tools, including recessed pockets and dual-insert style holders.



The system analyzes the cutting-relevant portion of the holder to provide accurate, automatic collision avoidance during toolpath generation. This delivers smoother motion, improved tool orientation control, and safer machining for complex Y-axis turning operations.

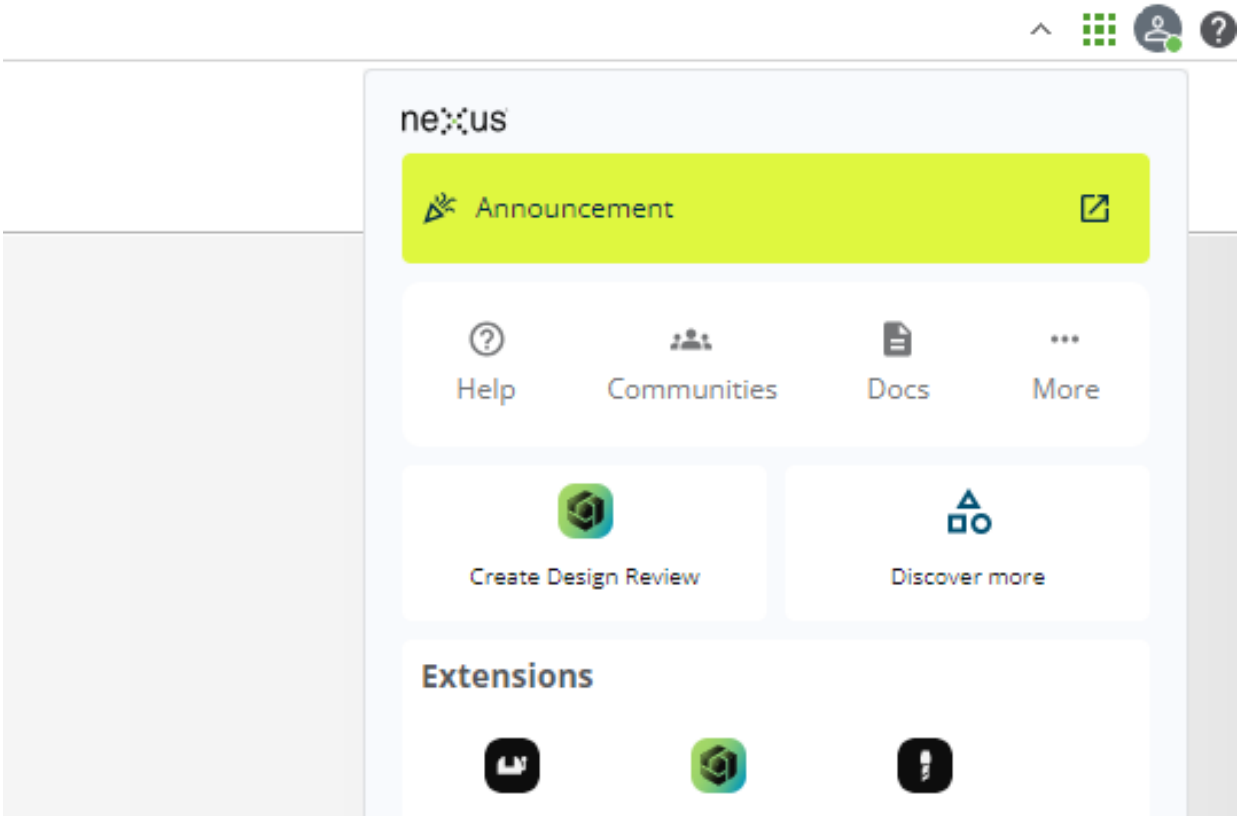
5-Axis Composite, new machining patterns



New machining patterns, Central Pass Offset and Flow, within the composite cycle provide faster toolpath creation with smoother transition and better pass distribution without requiring creation of knitted surfaces.

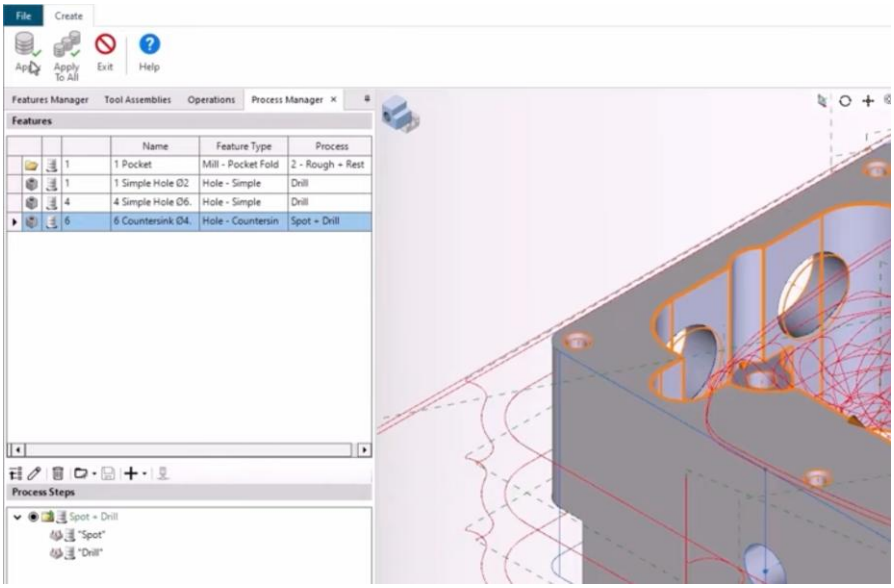
The updated interface also groups patterns by method for easier selection and adds new controls such as pass-position limits and region/level-based reordering, providing greater flexibility and precision when programming advanced 5-axis parts.

New Cloud-Apps Connector



Redesigned Cloud Apps Connector provides a clearer and more streamlined interface. The connector now separates Account and Apps access for easier navigation and offers direct access to the web portal, community forums, technical resources and ESPRIT EDGE extensions (including Workholding Catalog, 3D Whiteboard and ProPlanAI).
This update improves discoverability of online resources and simplifies access to cloud-connected tools.

KBM Improvements

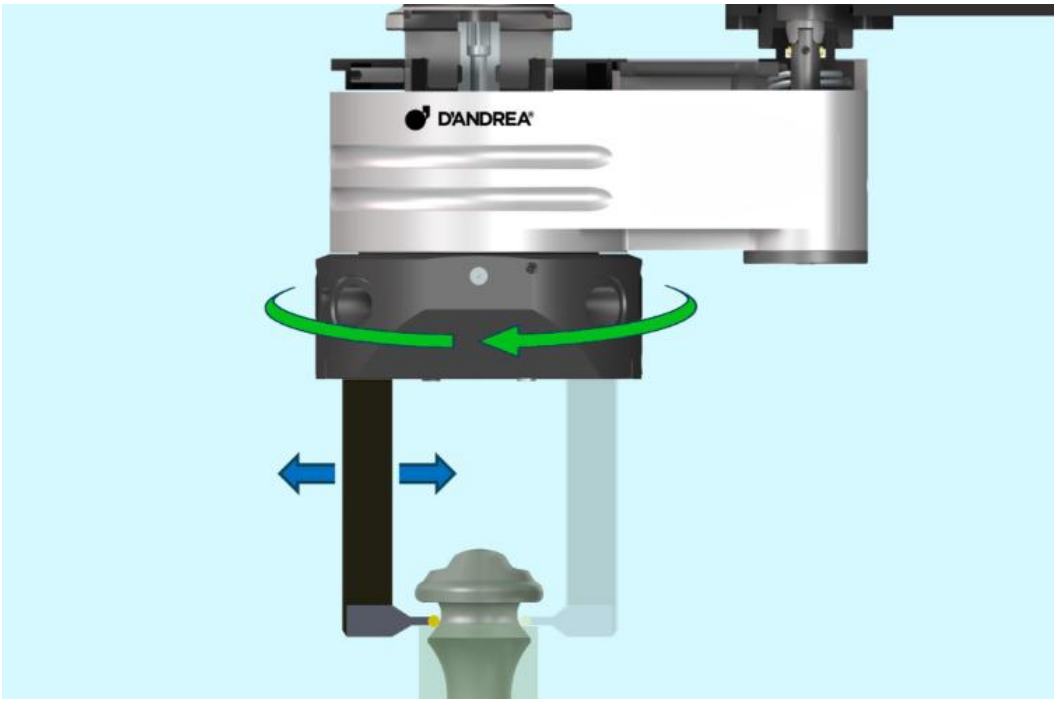


Continuous improvements to the KBM automation include additional control for managing feeds and speeds in hole-machining processes.

A new KBM option allows users to define how feed-rate values are interpreted in drilling cycles – either as feed per revolution or feed per tooth.
This provides consistent behavior across all tool types used in drilling operations and gives users greater control when aligning KBM data with their preferred standards. The selected interpretation is preserved across sessions for a streamlined workflow.

In ESPRIT EDGE, open the Options dialog and navigate to the KnowledgeBase section. The setting “Use feed in drilling cycles as unit (mm/inch) per revolution” is enabled by default.

U-axis Turning Preview



Go to File / Options / Preview to enable a new capability for heavy machining. This enables turning in different directions by spinning the tool while keeping the part stationary. This is achieved through a programmable linear axis (U-axis) mounted on the tool spindle.

This U-axis allows the tool to dynamically adjust its diameter during rotation, making it ideal for machining large diameters, complex profiles, and features that typically require specialized turning centers.

With U-axis support integrated into ESPRIT EDGE, users can program roughing, contouring, and grooving operations directly on milling and multi-axis platforms using a U-axis cutting head. The system automatically manages tool motion, rotary positioning, and machine kinematics to deliver accurate simulation and reliable toolpaths.

This preview release provides early access to an important new machining method and invites users to review the solution before its official release.

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Issues fixed in ESPRIT EDGE 2026.1

Version 2026.1.2608.3779

Description	Issue Number (s)
API – Machine API crash	2496148
CAD exchange – Solids from Designer are moving back to original layer after saving	2509728
CAD exchange – Cannot open VISI (.wkf) file	2497763 2497766
CAD exchange – JSON files created from SolidWorks FX Addin	SW 323082 SW 327537 SW 329907 SW 329935
CAD exchange – Inventor CAD tree does not appear	2481012 2490878
Features – Auto feature recognition	2497141
Features – Auto Chain not capturing depth	2511627
Features – Default work planes gone	2489432
Features – Feature loses work plane property after deleting elements using Invert Selection	SW 328370 SW 328819 SW 331683 2507264 2512852
Help documentation – Add Reference Position missing from list	
Help documentation – Change link for post library	
Help documentation – The menus in Part Setup page are not localized in Japanese	2496411
Installation – Error decrypting password the input data is not a complete block; padding is invalid and cannot be removed	SW 330614 SW 330698 SW 330692 SW 330725 SW 330728 SW 330832 SW 330835 SW 330359 SW 330367 2500360 2499367 2501853
Installation – Install error	2485521
Installation – The installation cannot be completed successfully	2453425
Knowledgebase – General tab feeds and speeds not using values from KBM	

Knowledgebase – Tool translation after knowledgebase import	2458030
Links – Park outputs axes that are set to None	
Links – Rebuild All causing Server Busy error	SW 331031 2504032
Links – Next Gen links issue with park cycle	SW 331031 2504030
Links – Cannot resolve ‘an error occurred’ link	SW 330489 2499968
Links – Park cycle causing link errors	SW 329614
Links – Movement detected between links	2487030
Links – Disengage tailstock and links disappear	
Links – Invalid link from tool change to operation	2484045
Links – Wrong move to tool change	2485566
Links – Wrong behaviour of a link to Park	SW 327468
Links – Rebuild links after moving pattern	2511998
Links – Z movement during link is inconsistent and could be dangerous	2457609
Links – StandardLinks.dll and Server Busy errors during park cycle	2517901 SW 333283
Links – Application becomes unresponsive during long link calculation time	
Links – Inconsistent links because of RTCP and change of work offsets	2513835
Links – Issue with links when the sub spindle or a tailstock is engaged	
Links – Tool Change End Position lost on save and reopen	
Links – Swiss-programming, links between operations causing collision	
Milling – 5-axis milling: slotting strategy section disappear from technology page	2510368
Milling – 2-axis milling: floor allowance	2509154
Milling – Operation on open pocket feature violating part	2506651
Milling – Pocket feature recognition leads to part being gouged	2500142
Milling – Toolpath calculation hanging	2501644
Milling – Incorrect toolpath	2499412
Milling – Open Pocket toolpath error	2500107 2509887
Milling – Hybrid Profit Milling strategy error	2499567

Milling – Stock automation does not work properly	2498610
Milling – Mirrored single stroke font type	2499120
Milling – Drilling toolpath preview causing slow performance	SW 329903
Milling – Software hangs during Z-Level Roughing creation	SW 329567
Milling – Tolerance affecting link movements	2490672
Milling – Stock automation cutting behind the open pocket feature	2489859
Milling – Incomplete toolpath with stock automation trim	2486961
Milling – Z-level roughing fixture avoidance issue; tailstock fixture mesh missing in EMK	SW 327884
Milling – Copy/Paste of an operation having the avoid collision by trimming, where a Trim View has been applied	2479061
Milling – Wrong open pocket toolpath	2482271 2500661
Milling – 2.5-axis deburring cycle failing to create smart mesh using Parasolid Freeform geometry processing	SW 326056 2489400
Milling – 5-axis operations do not work after rebuilding	2452543 2490490
Milling – Stock automation leaving material when using hybrid strategy	SW 314123
Milling – Pocket toolpath changes the direction of the relative chain	2040161
Milling – Toolpath starts by plunging directly next to the stock	2502415
Milling – 5x Deburring cycle and 5x Corner Remachining only working in channel #1	2513325 SW 333659 SW 331928
Multi-channel – Part translation Swiss machine	2481973
Multi-channel – Tailstock on lower turret crashing into sub spindle	SW 323908
Post processor – Movement between link and start point warning	2504504
Post processor – CL fixture file does not work the same way as in 2025.3	2505369 2502717
Post processor – CL tailstock file starting variable change	
Post processor – Reference positions stored incorrectly for multi-channel	SW 330663
Post processor – Cannot post after the transfer	2499049
Post processor – Park outputting incorrect X values	SW 330011
Post processor – NC code error	2494610
Post processor – Tailstock axis position does not respect work offset	

Post processor – Wire EDM offset issue	2477099
Post processor – Review Z pickup machine position for Tsugami	
Post processor – Collinear axes forces Z absolute output	SW 326214
Post processor – SetFormatable does not work	
Post processor – Incorrect NC code due to different angles saved on the work offset	2149357
Setup – Deleting Setup causes error	2501722 2505693
Setup – Missing colinear axis values in work offset on setup 2	2485325
Simulation – Wrong stock in comparison	2492413
Simulation – Spindle speed error in simulation	SW 324032
Simulation – Wrong stock simulation for Wire EDM part	2420051
Simulation – Insert technology not working in simulation	SW 306439 SW 326764 2252213 2451977 2453339 2453723
System – GDML file get deleted after saving a fixture	2509413
System – Crash when adding an adaptive item while having measure activated	2506168
System – Crash when modifying dynamic work offset	SW 331312 2505657
System – Crash when rebuilding swarf operation	2505607
System – Error reading file	2504283
System – Crash when opening a pack and save file	2503905
System – Crash when modifying tailstock	SW 327678 2502935
System – Software not responding depending on step over	SW 324783 2502241
System – Crash when removing unused tools	SW 330489 SW 330751 SW 331441 2499969 2501860 2505931 2509736
System – Crash if API Remove Global Import Tool is used	

System – Moving turret mounted tailstock to a different station requires rebuild to update links	
System – Cannot post individual operations after transfer	SW 328414 SW 330461 2499979
System – Crash after opening pack and save file	SW 328731
System – Technology Editor issue after multiple editing of Links tab	SW 329501 2509758 2509795
System – Machine Awareness error; wrong serialized free rotary axes	2485120 2486682
System – Deleting an empty setup sequence; operations move to setup 4	2481570
System – Missing default work planes	SW 325201
System – Standard mouse zooming out issue	2450452
System – File cannot be saved after extrusion	2004447
System – File corruption	2509905
System – Report generator, Document.CreateReport Error - API	
System – NC code creation takes a long time	2449841
Tooling – Cannot remove Tool ID expression	SW 329485
Tooling – Right-click new tool on mounting block missing	2493497
Tooling – Unmounted tools list continuously grows	SW 328054
Tooling – Tool length inferior to 160 causes error	2478641
Tooling – Incorrect back boring tool zero point	SW 284594
Turning – Profit-Turning move in/out type	2499297
Turning – Turning rest material error	2492440
Turning – Manual turning uses reverse angle instead of angle in setup 2	SW 327233
Turning – Sub spindle tailstock error	SW 328526
Turning – After the second transfer, the tool orientation is bugged	2485041
Turning – Tailstock for sub spindle	SW 329584 2479138
Turning – File with threading cycle extremely slow	293268
UI-UX – Toggle Show/Hide does not work with multiple operations	SW 330352 2499274
UI-UX – Technology markers floating in the workspace	SW 329148

UI-UX – Grayed out commands after operation rebuild	SW 328823
UI-UX – Quick Access file directory links missing	Forum 162612
UI-UX – Slotting avoidance parameter not visible in Z level roughing with Profit Milling	2496914
UI-UX – Z Level Roughing slotting strategy shown even if Profit Milling is not used	SW 327066 SW 328896
Wire EDM – WEDM work offset is moving during simulation	2510700 2503002
Wire EDM – EDM sorting not filtering punch and hole feature operations	SW 329339
Wire EDM – Program G40 messes with the simulation	2486389
Wire EDM – Safe upper nozzle retracts in W	2482369
Wire EDM – Slug removal does not work well	2484084
Wire EDM – Lead in movement scraps the part	2465736
Wire EDM – Turn while burn uses 4-axis contouring + A axis instead of A +C	2446192
Wire EDM – Turn contouring simulating incorrectly	SW 323398