

# WHAT'S NEW IN BOBCAD-CAM V26 BUILD 1482

---

## Introduction

The BobCAD-CAM V26 update, build 1482, includes many fixes and enhancements as described next.

**Release Date:** September 26, 2014

## Fixes and Enhancements

### General

- Fixed the local (offline) Help System not launching with no Internet connection available and Use Online Help selected (the software now automatically detects Internet connection and launches the appropriate Help System)
- Use Online Help status is now saved when closing the software
- Improved cycle time calculations between operations
- Fixed incorrect pitch values for UNF threads in the Thread Library
- Fixed incorrect options and Multiaxis Posting settings not displaying for certain machines in Current Settings
- Fixed instances of Center Drill Protrusion Length value being reset in the CAM Wizard Tool page after clicking Next>>
- Fixed Work Offset Number (from Machine Setup) not being properly loaded into CAM Wizards when the Posting page was not viewed

### CAD

- Fixed instances of crashing when opening DWG or DXF files
- Fixed a crash that resulted from a failed Solid Fillet function
- Fixed a crash that resulted from a failed Skin Surface function
- Fixed a crash when pasting geometry that was created from a function that was undone
- Fixed Arc Snap creating two arcs for each snap point selection
- Fixed instances of Arc Snap creating extra geometry at incorrect locations
- Fixed inability to select snap points for the Translate function after nonstandard usage
- Fixed the inability to select geometry for the Stretch function after changing modes or clicking Re/Select during geometry selection

### Mill

- The ability to reverse the direction of wrapping features is now contained in the posting engine by specifying a negative value for the appropriate rotary axis in the post processor (post questions 442-444)
- Fixed a crash that resulted from the Toolpath Pattern dialog box incorrectly launching after selecting tilt lines for a Multiaxis feature
- Fixed a crash in some situations when turning off Automatic Tool Numbering for threading operations

- Fixed instances of finish operations being removed from CAM Tree when opening files from older software versions
- Fixed incorrect clearance plane values being output for indexing programs
- Fixed incorrect toolpath calculation for external thread milling operations
- Fixed external thread milling operation not outputting the appropriate clearance moves
- Fixed toolpath not computing when creating operations with very small tools due to software using incorrect machining tolerance limits
- Fixed sharp chamfer tools not saving the Small Diameter value as zero in the Tool Library and CAM Wizard Tool page
- Fixed instances of incomplete toolpath after removing boundaries from 3 Axis features
- Fixed the Z Level Finish default value of zero for the Spiral Link Radius value (now 0.250)
- Fixed instances of the Advanced Rough Adaptive Roughing stepover not being properly applied to the toolpath calculation

## Lathe

- Fixed Threading operation outputting the default Thread Pitch value until editing the feature
- Fixed instances of Groove operations simulating with incorrect tool orientation
- Fixed extra rapid moves being output at the end of Threading cycle
- Fixed Tapping feature operations depth values being reset on feature edit after turning off Use Cutting Conditions and manually entering values
- Fixed auto tool numbering using the same tool number for identical tools with different tool orientations
- Fixed the ability to set threading tools to unsupported facing orientations (5-8)
- Fixed Coolant options list doubling when clicking the Tool Number button in Lathe Wizard Tool settings
- Fixed Rolling Tap operation Parameters and Rapids pages not displaying in the Lathe Wizard
- Fixed an incorrect compensation calculation with certain part and tool radii when using collision detection
- Fixed Theoretical X and Theoretical Z values not updating when changing the tool Orientation Number
- Fixed instances of the Tool Label not displaying
- Updated some Lathe Posting documentation descriptions and added new functions and variables
- Added the `LATHE_GetTaperHeight()` post scripting function to return the height of the thread taper as a positive (ID) or negative (OD) value
- Added the `feature_name_comment` lathe post variable
- Added the `operation_name_comment` lathe post variable

## Wire EDM

- Fixed a crash when setting the Taper Angle too large for the selected geometry
- Fixed a crash that resulted from loading a saved feature without first completing the Stock Wizard
- Fixed an issue with the Command/ISO posting format outputting only Rough Cut operations
- Fixed no code output when selecting the lead-in start point at the same location as the feature start point
- Fixed an issue where the Select Point lead-in was not properly applied to a Tab Cut operation when using a different lead-out type

## Nesting

- Fixed a crash when attempting to change the machine or post code in a nesting file imported from an older software version
- Fixed a crash when removing parts from the Nesting Wizard (x86 systems only)
- Fixed the Edit Advanced buttons not working for Dado Tool or Drilling Tool in the Nesting Wizard