



New in MachiningCloud v3.2

The MachiningCloud Application has been updated with the following improvements:

Product Data Enhancements

- Cutting Tool Brands now available include: Allen Benjamin, Allied Machine & Engineering, ATA, Colibri, Command, Dapra, Denitool, Destiny Tool, Emuge, Fullerton, GARR TOOL, G.W. Schultz, Haas, IMCO, Ingersoll, Iscar, Jergens, Kennametal, KOMET GROUP, KYOCERA SGS Precision Tools, LMT Onsrud, Lyndex Nikken, MAFord, MasterCut, Mazak, Mitsubishi Hitachi Tool Engineering, Ltd, Mitsubishi Materials, North American Tool, OSG, PHorn, ProMax, Raptor, Redline, RobbJack, Seco Tools, TaeguTec, Tap Associates, Tungaloy, Walter, WIDIA, and WNT
- Over 825,000 products and 622,800 3D models available
- 8,700 product changes and 56,600 updated 3D models

Feeds & Speeds

- New and improved Milling Feeds & Speeds calculation
- New "Multiple Tooth Engagement" marker indicates the minimum "Radial Width of Cut (ae)" required to engage at least two teeth (Engaging multiple teeth provides better stability)
- New "Tilt Angle" input parameter for Ball Nose
- New "Ball Tangency" marker on the "Axial Depth of Cut (ap)" slider for Ball Nose
- The result grid displays the Working Diameter, Scallop Height (for Ball Nose)
- The result grid displays the "Catalog Number", "Order Number" and "Grade" information of the item driving the feeds & speeds calculation
- Updated Milling calculations and Tool Advisor ranking to support slotting indexable cutters
- Feeds & Speeds are available for obsolete items

Edit Projection Length

- New collet Clamping Length assembly logic
- New "Full Grip Clamping Length" marker indicates the minimum Clamping Length required to achieve maximum accuracy and safety
- New warning message indicates when the cutting tool is not fully gripped.

User Interface

- Job Information - The material combo box supports the material subgroups
- Multi selection is supported for export from My Tools / My Workholdings / Tool List / Workholding Llist

Others

- Information Tab displays the additional documents available for download upon reaching the products in a catalog
- Received Jobs are saved in a dedicated folder. Information about the sender is also added to the job Thread
- Units are shown in the Report