

## SCOPE OF SUPPLY OPTICAM 2017

- automatic and semi-automatic feature recognition
- cylindrical machining
- constant and variable taper
- 4 axis machining with automatic synchronization
- inclined machining
- collar machining
- subsequent positioning of a taper despite cylindrical construction (constant, variable or as collar machining)
- pocketing of cylindrical and conical parts (pocketing of 4 axis features optional)
- technology databases
- mutable tags
- machining strategies
- lead in/off strategies
- corner relief
- variable reference plane heights
- automatic wire cut / wire thread
- thread at an angle
- reverse cutting
- automatic positioning
- automatic clustering of identical geometries
- templates
- multi part programming
- setup sheet
- time calculation
- 3D simulation
- maximum UV deflection check
- maximum taper angle check
- support of SolidWorks assemblies
- outline of a solid
- output variable taper as 4 axis machining
- support of machine origins
- automatic starthole assignment