

SOLIDWORKS CAM



Module Matrix

Features	SOLIDWORKS CAM Standard	SOLIDWORKS CAM Professional
General Features		
AFR - Automatic Feature Recognition - Holes	X	X
AFR - Automatic Feature Recognition - Pockets, Boss	X	X
AFR - Automatic Feature Recognition - Turn		X
KBM - Knowledge Based Machining	X	X
Automatic Recognition of Multiple Setups	X	X
Indexing of the 4th & 5th axes including tombstone		X
Sorting of the Operations	X	X
Toolpath Simulation	X	X
Step Through Simulation	X	X
Tolerance Based Machining - C# macro	X	X
Assembly Machining		X
CAMWorks Configurations		X
Stock and Work in Process Models	X	X
Setup Sheets - XML, XMLT, MDB	X	X
e-Drawings Publisher	X	X
Universal Post Generator (UPG)*	X	X
CAMWorks Library Features (supports only 2.5x features)	X	X
Import / Export of CAM data	X	X
MES Feed Speed Library	X	X
*Ancillary applications installed separately		

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2.5x Milling Features		
Interactive Feature Creation	X	X
Rough Milling	X	X
Finish (Contour) Milling	X	X
Face Milling	X	X
Thread Milling	X	X
Center Dilling	X	X
Drilling	X	X
Countersinking	X	X
Bore	X	X
Ream	X	X
Tap	X	X
Thread Milling	X	X
Engraving	X	X
3x Milling Features		
Multi-surface feature creation	X	X
Area Clearance	X	X
Z Level	X	X
Flat Area	X	X
Contain and Avoid areas and features	X	X

Features	SOLIDWORKS CAM Standard	SOLIDWORKS CAM Professional
Turning Features		
Face Rough		X
Face Finish		X
Rough Turn		X
Finish Turn		X
OD Threading		X
Cut-off		X
Groove Rough		X
Groove Finish		X
Bore Rough		X
Bore Finish		X
Center Drill - on center		X
Drill - on center		X
Tap - on center		X
ID Threading		X
Extra - Features		
High-Speed Machining		X
NC Editor	X	X

