

MultiSurf 6.0 vs. MultiSurf Solo

	MultiSurf 6.0	MultiSurf Solo
Points		
3D Points		
BlendPoint	•	
Copy Point	•	•
Frame Point	•	•
Intersection Point	•	
Mirrored Point	•	•
Offset Point	•	•
Polar Point	•	•
Projected Point	•	•
Rotated Point	•	•
Tabulated Point	•	
Tangent Point	•	•
Beads		
Bead	•	•
Arc-Length Bead	•	•
Copy Bead	•	•
Intersection Bead	•	•
Proximity Bead	•	
XYZ Bead	•	•
Magnets		
Magnet	•	•
Copy Magnet	•	•
Intersection Magnet	•	•
Projected Magnet	•	•
Proximity Magnet	•	
Tangent Magnet	•	
XYZ Magnet	•	
Rings		
Ring	•	•
Arc-Length Ring	•	•
Copy Ring	•	•
Intersection Ring	•	•
Proximity Ring	•	
XYZ Ring	•	•
Curves		
Arc (type1-6)	•	•
B-Spline Curve	•	•
B-Spline Fitted Curve	•	•
BSubCurve	•	•
C-Spline Curve	•	•
Conic	•	
Copy Curve	•	•
Foil Curve	•	•
Helix	•	•
Helix2	•	•
Line	•	•
Mirrored Curve	•	•
NURB Curve	•	
Offset Curve	•	•
PolyCurve	•	
PolyCurve2	•	•
Procedural Curve	•	•
Projected Curve	•	•
Radius Arc (type1-3)	•	
Relative Curve	•	•
Rotated Curve	•	•
SubCurve	•	•
Tabulated Curve	•	
X-Spline Curve	•	

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Snakes		
Arc Snake	•	
BSnake	•	•
BSubSnake	•	•
Copy Snake	•	•
C-Spline Snake	•	•
Edge Snake	•	•
Foil Snake	•	
Geodesic Snake	•	
Intersection Snake	•	•
Line Snake	•	•
NURB Snake	•	
PolySnake	•	
Procedural Snake	•	•
Projected Snake	•	•
Relative Snake	•	
SubSnake	•	•
UVSnake	•	•
Surfaces		
Arc-Lofted Surface	•	•
B-Spline Fitted Surface	•	•
Blend Center Surface	•	•
Blended Surface	•	•
Blister	•	•
B-Spline Lofted Surface	•	•
B-Spline Surface	•	
C-Spline Lofted Surface	•	•
Composite Surface	•	•
Copy Surface	•	•
Developable Surface	•	•
Foil Lofted Surface	•	
Mirrored Surface	•	•
NUB-Spline Fitted Surface	•	•
NURB Surface	•	
Offset Surface	•	•
PolySurf	•	
Procedural Surface	•	•
Projected Surface	•	
Relative Surface	•	
Revolution Surface	•	•
Rotated Surface	•	•
Ruled Surface	•	•
Sub-Surface	•	•
Tangent Boundary Surface	•	•
Sweep Surface	•	•
Tabulated Surface	•	
Translation Surface	•	•
Trimmed Surface	•	•
X-Spline Lofted Surface	•	
Miscellaneous		
BGraph	•	•
Contours	•	•
CVContours	•	•
Formulas	•	
Frame	•	•
Knotlist	•	•
Knotlist2	•	
Entity List	•	•
Plane2	•	•
Plane3	•	•
Offset Plane	•	•
Relabel	•	•
RPY Frame	•	•
Variables	•	•
Wireframe	•	•
Views and Tools		
Advanced Modeling Option	•	
Animation		
Arc-length Relabel		
Auto Curve		
B Curve Fit		
Command Line	•	•
Components	•	•
Context Sensitive Menus	•	•
Create Copies	•	•
Curvature Profile	•	•

MultiSurf 6.0 vs. MultiSurf Solo

	MultiSurf 6.0	MultiSurf Solo
Digitizer Support	•	•
Enhanced Mouse Functionality	•	•
Faster Display	•	•
Faster Selection	•	•
Freeze Fit	•	•
History		
Hydrostatics	•	•
Mass Properties	•	•
Multiple Point - Parent Editing	•	•
Network License	•	•
Porcupine Curvature	•	•
Quick Point Mode	•	•
Quick Spline Mode	•	•
Property Manager	•	•
Relax Control Point	•	•
Rendered View	•	•
Shiplines view	•	•
Similar Label		
Solidworks Integration	••	••
Spin		
Surface Curvature	•	•
Symmetry Images	•	•
Unlimited and Faster Undo	•	•
Weight Schedule	•	•
Work in Shaded Mode	•	•
Export 3D		
3DA Wireframe	•	•
DXF Meshes	•	•
DXF Wireframe	•	•
IGES Objects	•	•
NBS Objects	•	•
PAT Meshes	•	•
POV Triangles	•	•
RUL Surfaces	•	•
VRML Surfaces	•	•
Export 2D		
2DD	•	
DXF	•	•
Import 3D		
.SLDCRV Files	•	•
Triangle Data	•	•
DXF	•	•
IGES Objects	•	•
Macros		
Advanced Hydrostatics	•	
Export Offset Table	•	•
Insert Master Curve		
Layer Tool	•	•
Surface Flattening	••	••
User Defined	•	•
Y Mirror		

•• Available as an optional Add-In program