

MultiSurf Standard vs. MultiSurf Solo

	Standard	Solo
Points		
3D Points		
Point	•	•
Blended Point	•	
Center Point	•	
CG Point	•	
Copy Point	•	•
Intersection Point	•	
Mirrored Point	•	•
Offset Point	•	•
Projected Point	•	•
Rotated Point	•	•
Tabulated Point	•	
Tangent Point	•	•
Beads		
Bead	•	•
Arc-length Bead	•	•
Break Bead	•	
Copy Bead	•	•
Intersection Bead	•	•
Proximity Bead	•	
XYZ Bead	•	•
Magnets		
Magnet	•	•
Copy Magnet	•	•
Intersection Magnet	•	•
Projected Magnet	•	•
Proximity Magnet	•	
Tangent Magnet	•	
XYZ Magnet	•	•
Trimesh Magnet	•	
Trimesh Copy Magnet	•	
Trimesh Projected Magnet	•	
Rings		
Ring	•	•
Arc-length Ring	•	•
Break Ring	•	
Copy Ring	•	•
Intersection Ring	•	•
Proximity Ring	•	
XYZ Ring	•	•
Trimesh Ring	•	
Trimesh Copy Ring	•	
Curves		
Arc (type 1 – 6)	•	•
B-spline Curve	•	•
B-spline Fitted Curve	•	
C-spline Curve	•	•
Conic Section	•	
Contour Curve	•	
Copy Curve	•	•
Expanded Curve	•	
Foil Curve	•	•
Helix	•	•
Line	•	•
Mirrored Curve	•	•
NUB-spline Fitted Curve	•	
NURBS Curve	•	
Offset Curve	•	•
PolyCurve	•	•
Procedural Curve	•	•
Projected Curve	•	•
Radius Arc (type 1 – 3)	•	
Relative Curve	•	•
Rotated Curve	•	•
SubCurve	•	•
Tabulated Curve	•	
X-spline Curve	•	
Snakes		
Arc Snake	•	
B-spline Snake	•	•
B-spline Fitted Snake	•	
Copy Snake	•	•
C-spline Snake	•	•

MultiSurf Standard vs. MultiSurf Solo

	Standard	Solo
Edge Snake	●	●
Foil Snake	●	
Geodesic Snake	●	
Intersection Snake	●	●
Line Snake	●	●
NUB-spline Fitted Snake	●	
NURBS Snake	●	
PolySnake	●	
Procedural Snake	●	●
Projected Snake	●	●
Relative Snake	●	
SubSnake	●	●
UV Snake	●	●
Trimesh B-spline Snake	●	
Trimesh Copy Snake	●	
Trimesh Edge Snake	●	
Trimesh Intersection Snake	●	
Trimesh Projected Snake	●	
Trimesh SubSnake	●	
Surfaces		
Arc Lofted Surface	●	●
B-spline Surface	●	
B-spline Fitted Surface	●	●
B-spline Lofted Surface	●	●
Blend Surface	●	●
Blister	●	●
C-spline Lofted Surface	●	●
Centerpoint Boundary Surface	●	●
Composite Surface	●	●
Copy Surface	●	●
Developable Surface	●	●
Expanded Surface	●*	●*
Foil Lofted Surface	●	
Mirrored Surface	●	●
NUB-spline Fitted Surface	●	
NURBS Surface	●	
Offset Surface	●	●
PolySurface	●	
Procedural Surface	●	●
Projected Surface	●	
Relative Surface	●	
Revolution Surface	●	●
Rolling Ball Fillet	●	
Rotated Surface	●	●
Ruled Surface	●	●
SubSurface	●	●
Sweep Surface	●	●
Tabulated Surface	●	
Tangent Boundary Surface	●	●
Translation Surface	●	●
Trimmed Surface	●	●
X-spline Lofted Surface	●	
Triangle Mesh Surfaces		
Copy Trimesh	●	
Expanded Trimesh	●*	
Offset Trimesh	●	
PolyTrimesh	●	
Surface Trimesh	●	
Trimmed Trimesh	●	
Solids		
B-spline Solid	●	
B-spline Lofted Solid	●	
Block Solid	●	
Boundary Solid	●	
Copy Solid	●	
Ruled Solid	●	
Miscellaneous Entities		
3-point Frame	●	●
RPY Frame	●	●
2-point Plane	●	●
3-point Plane	●	●
Offset Plane	●	●
WireFrame	●	●
Contours	●	●

MultiSurf Standard vs. MultiSurf Solo

	Standard	Solo
Copy Contours	●	
Strain Contours	●	
Entity List	●	●
Relabel	●	●
B-spline Graph	●	●
PolyGraph	●	
Knot List	●	
Variable	●	●
Formula	●	
Real List	●	
Real Sequence	●	
Text Label	●	●
Solve Set	●	
Views and Tools		
Adopt Children	●	●
Advanced Modeling Option	●	
B-spline Curve Fit	●	●
Command Line	●	●
Components	●	●
Curvature Profile	●	●
Hydrostatics (Basic)	●	●
Hydro App	●	
Insert Copies	●	●
Mass Properties	●	●
Model Subview	●	●
Network License	●	●
Offsets View	●	●
Quick Point Mode	●	●
Quick Spline Mode	●	●
Relax Control Point	●	●
Rendered View	●	●
Shiplines View	●	●
Surface Curvature View	●	●
Surface Orientation View	●	●
Transform (Scale, Shift & Rotate)	●	●
Trim Snake	●	●
Undo & Redo	●	●
Weight Schedule	●	●
3D File Export		
3DA Wireframe	●	●
DXF Meshes	●	●
DXF Wireframe	●	●
IGES	●	●
PAT Meshes	●	●
PMARC12	●	●
PMARC14	●	●
POV Triangles	●	●
RUL Surfaces	●	●
STL	●	●
VRML Surfaces	●	●
2D File Export		
DXF Wireframe	●	●
File Import		
3DM	●	●
DXF	●	●
IGES	●	●
SLDCRV	●	●
Triangle Data	●	●

* Available only with Flattener Option.