

POLYNURBS TOOLS

Create PolyNURBS	The new Create tool allows you to quickly create free-form solid geometry that is smooth and continuous.
Wrap	The new Wrap tool allows you to quickly generate polynurbs geometry by clicking along the contour of your existing shape.
Add/Remove	The new +/- tool allows you to add a new cage to the face of an existing cage, allowing you to quickly build the basic shape of a polyNURBS object.
Loop	The new Loop tool allows you to draw an edge loop around a cage.
Bridge	The new Bridge tool allows you to connect two cages together. You can also use it to create a hole through an existing cage.
Sharpen	The new Sharpen tool allows you to sharpen the edges of the underlying geometry at the edge of the control cage.

GEOMETRY TOOLS

Midsurface	The new Midsurface tool allows you to find and extract 2D sheets from single thickness thin solid geometry.
Mirror	The new Mirror tool allows you to reflect selected parts across a symmetry plane.
Scale	The new Scale tool allows you to resize selected parts.
Revolve	The new Revolve tool allows you to revolve a planar face around an edge, a line, or a cylindrical hole. You can also create a new part by holding down the Ctrl or Shift key as you pull.
Push/Pull	The updated Push/Pull tool allows you to create a new part by holding down the Ctrl or Shift key as you pull.

USER INTERFACE

Section Cuts	The new Section Cut tool allows you to view 2D cross-sections of your model.
Move Tool	The updated Move tool features updated graphic manipulators with larger pick targets. You can also double-click to reposition the tool.

SETUP TOOLS

Enforced Displacements	The new Enforced Displacements tool can be used when the magnitude of a force applied to a part is unknown, but you do know how much the part displaces as a result of that force.
Angular Velocity and Acceleration	The new Angular Velocity and Accelerations tool allows you to define the speed of rotation of the entire model and the axis about which it rotates.
g-Loads	The new g-Loads tool allows you to simulate a model undergoing acceleration, which imparts a force on all of the parts in the model.
Temperature Loads	The new Temperatures tool allows you to simulate the effects of temperature changes on your model.

OPTIMIZATION AND ANALYSIS

Buckling Analysis	You can now analyze your model for buckling modes, which are used to predict when a part will bend or collapse under load. The new Compare tool allows you to compare the results of analysis or optimization runs.
Compare	The new Compare tool allows you to compare the results of analysis or optimization runs.
Callouts	You can now add callouts to view results at specific locations on your model.

FILE INPUT/OUTPUT

PDM	<i>Inspire</i> now allows you to open models from Teamcenter or Windchill PDM systems. It's also possible to save <i>Inspire</i> models back to your PDM system.
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