

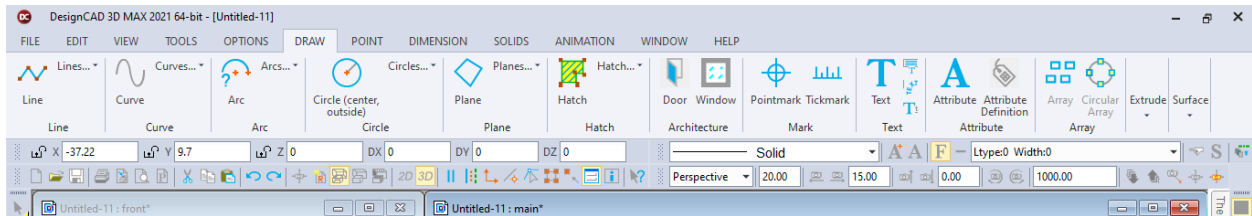
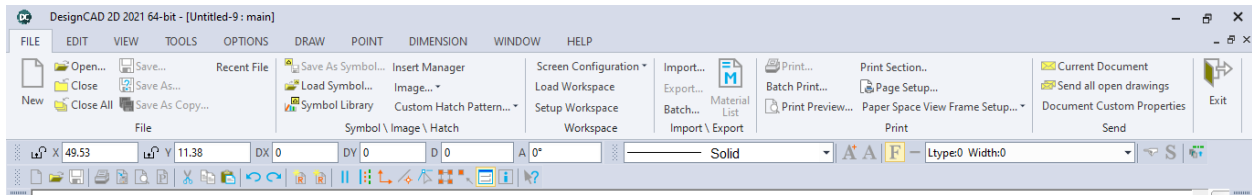
DesignCAD 2021 Release Notes

User Interface

1. Ribbon

Available in DesignCAD 3D Max and DesignCAD 2D Express.

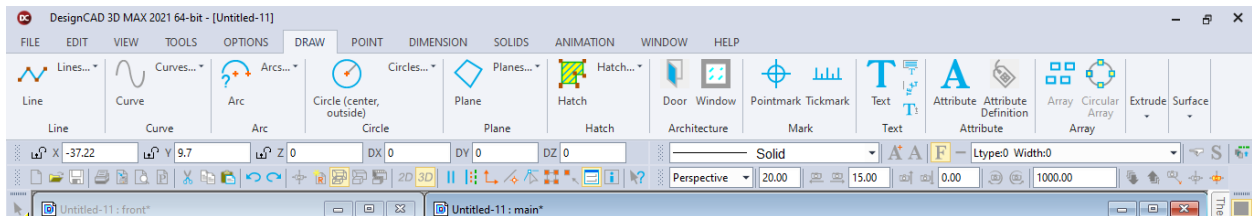
A new Ribbon User Interface has been added to DesignCAD 2021. Users can now switch between Classic and Ribbon UI's.

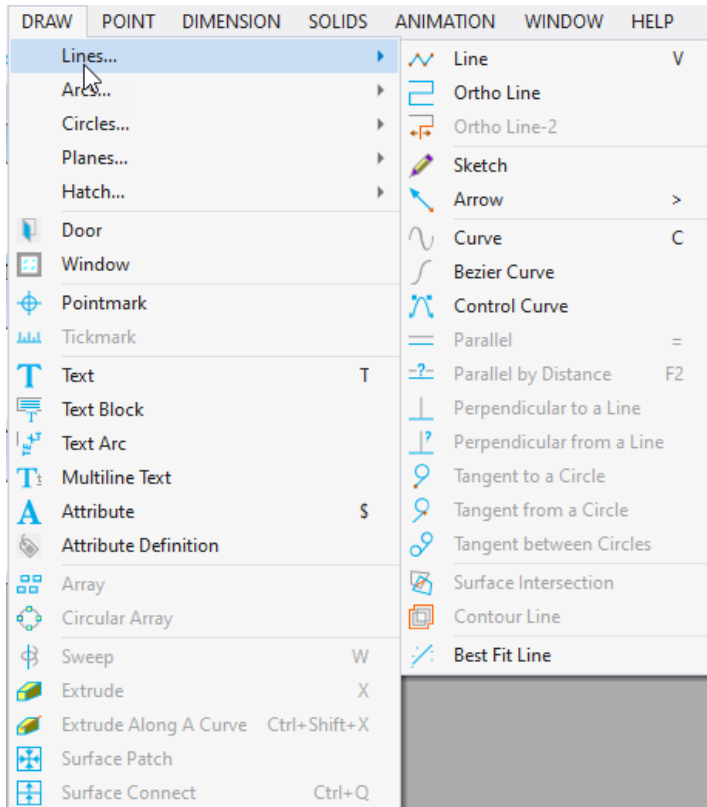
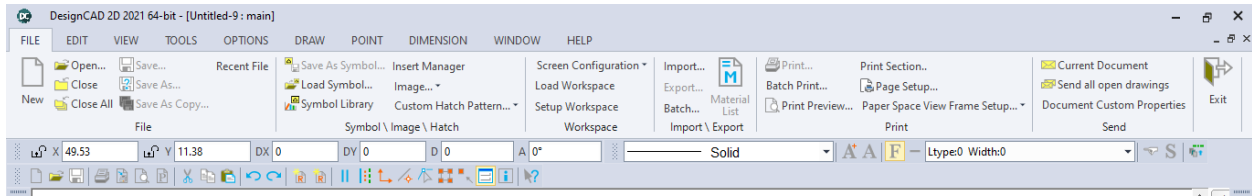


2. Improved Icons (Vector)

Available in DesignCAD 3D Max and DesignCAD 2D Express.

Improved Icons (Vector) have been added to DesignCAD 2021.





3. 4K Support

Available in DesignCAD 3D Max and DesignCAD 2D Express.

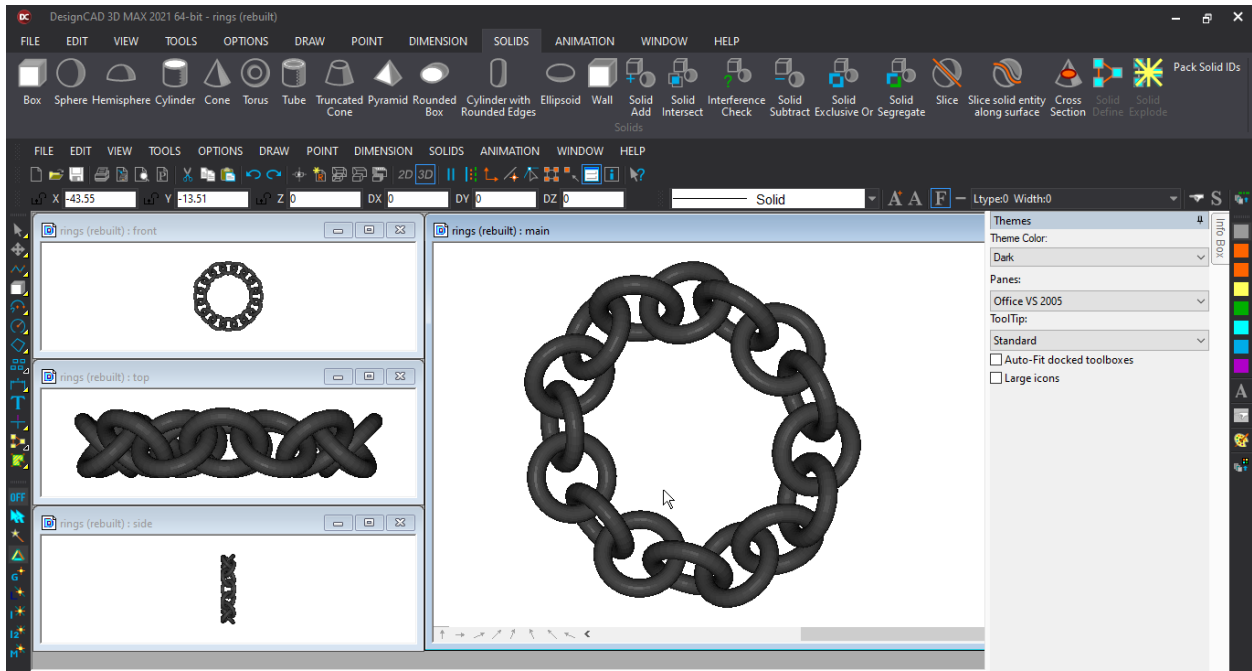
4K screen support has been added to DesignCAD 2021 for more legible viewing with high resolution display settings.

4. Dark, Medium and Light Themes

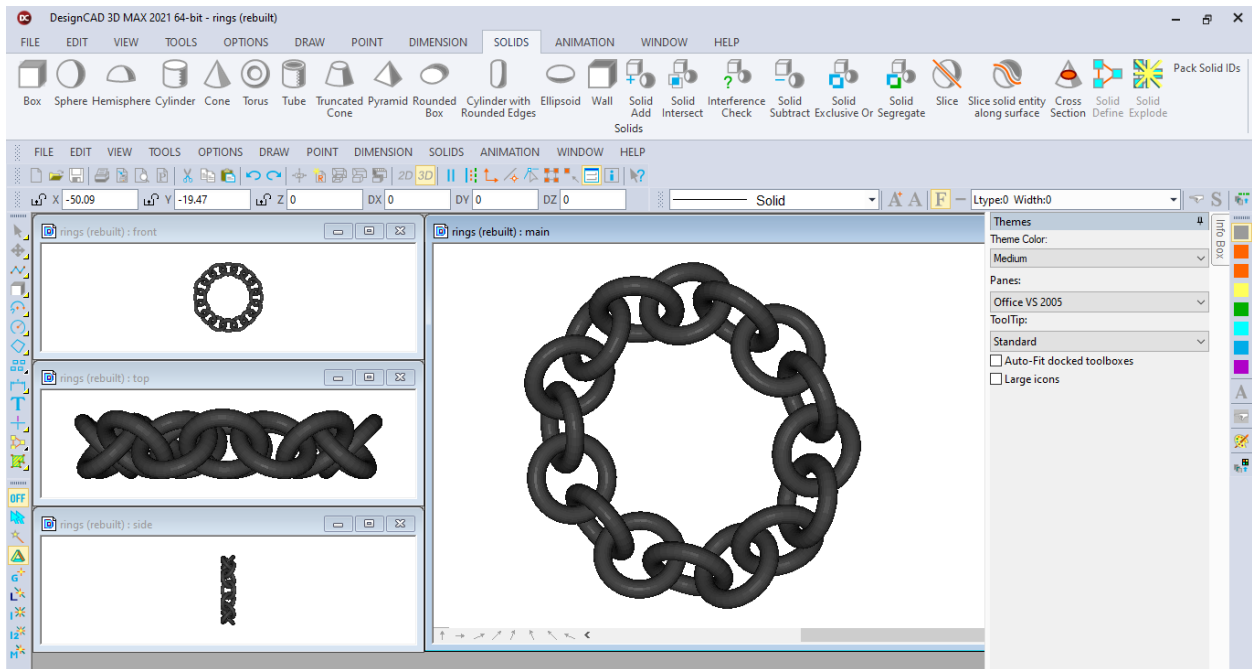
Available in DesignCAD 3D Max and DesignCAD 2D Express.

Dark/Medium/Light Themes have been added to DesignCAD 2021. User can switch between different UI themes in DesignCAD in both the UIs depending on the time of the day as dark mode reduces eye strain at night. Alternatively, light and medium themes can be used at day time.

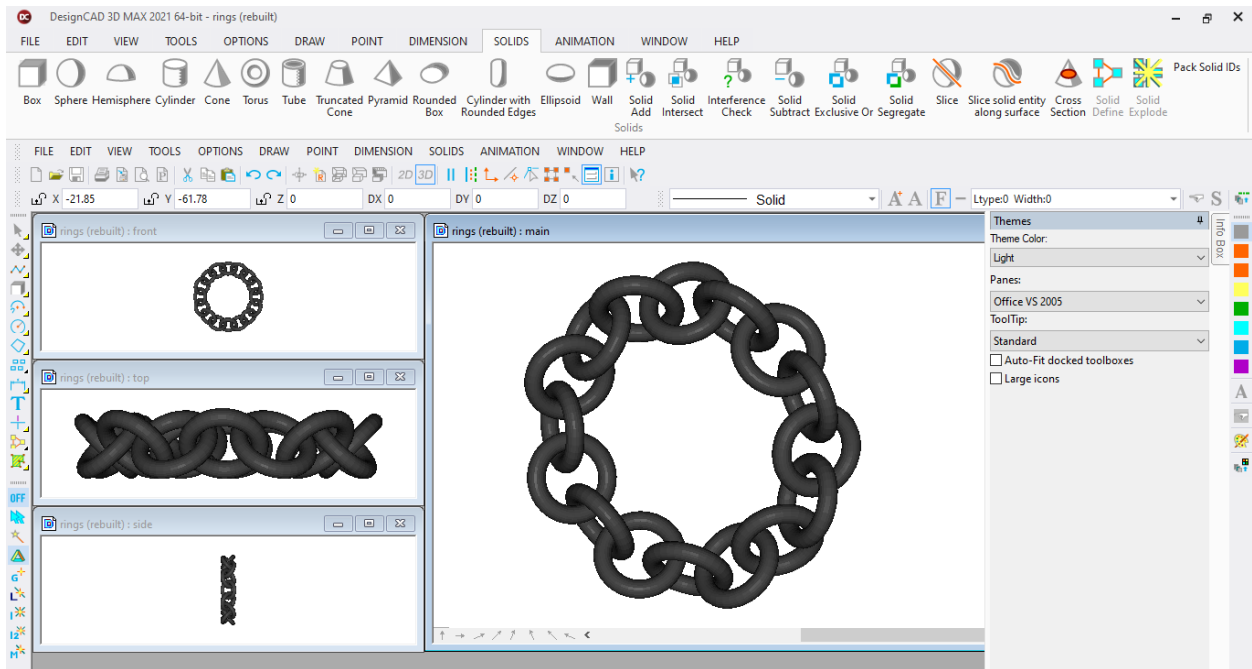
Dark Theme:



Medium Theme:



Light Theme:

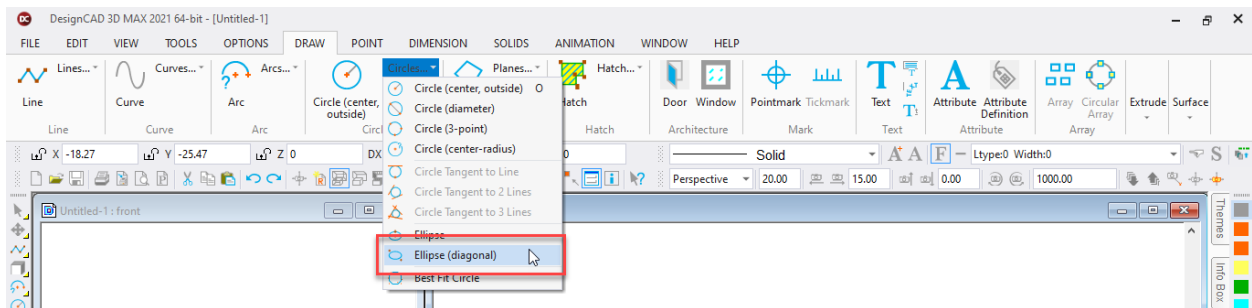


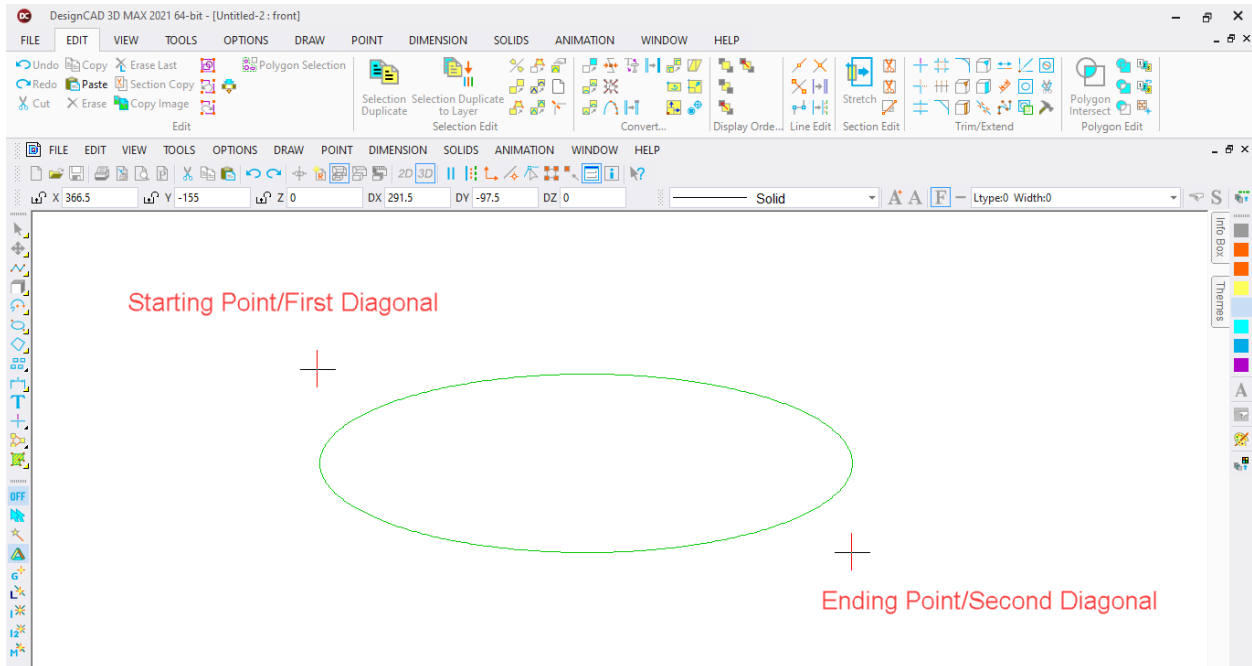
Drafting

1. Ellipse by Diagonals

Available in DesignCAD 3D Max and DesignCAD 2D Express.

An “Ellipse by Diagonals” tool has been added to the Circles section. Now an ellipse can be drawn using its two diagonal points. The first point is the starting diagonal point of the ellipse and the second point is the ending diagonal point.

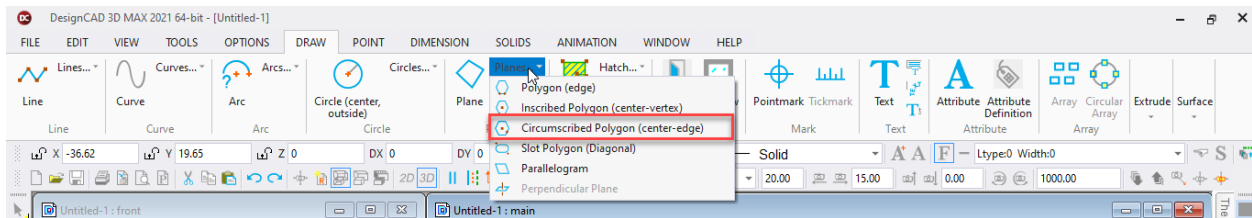


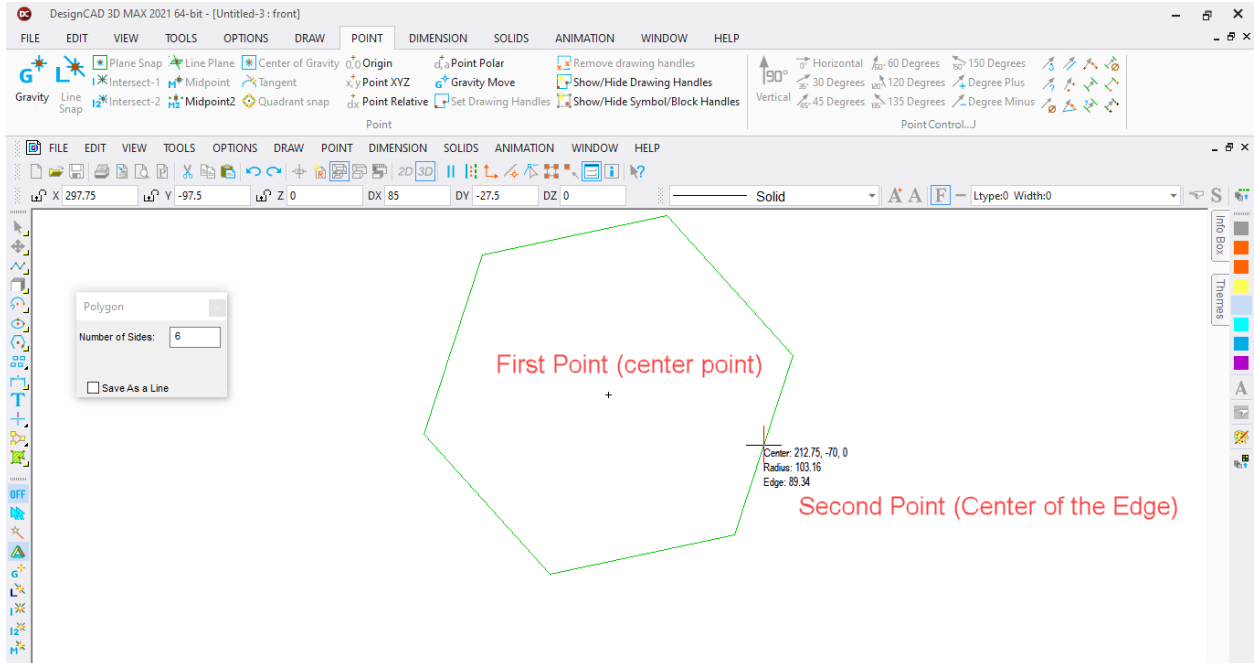


2. Circumscribed Polygon

Available in DesignCAD 3D Max and DesignCAD 2D Express.

A “Circumscribed Polygon” tool has been added to the Planes section. Now, the user can draw the polygon by using the first point as a center point and the second point as the center of one of the edges of the polygon.

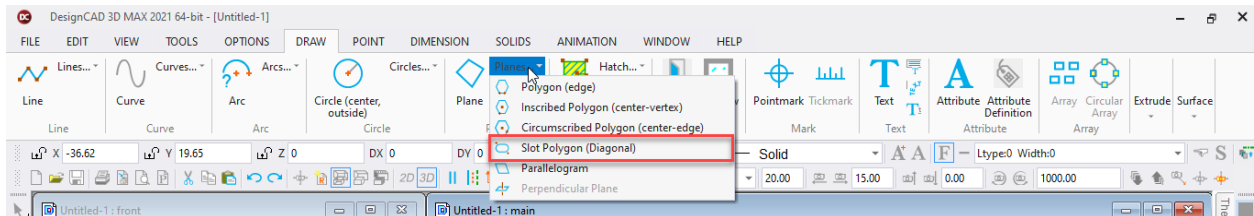


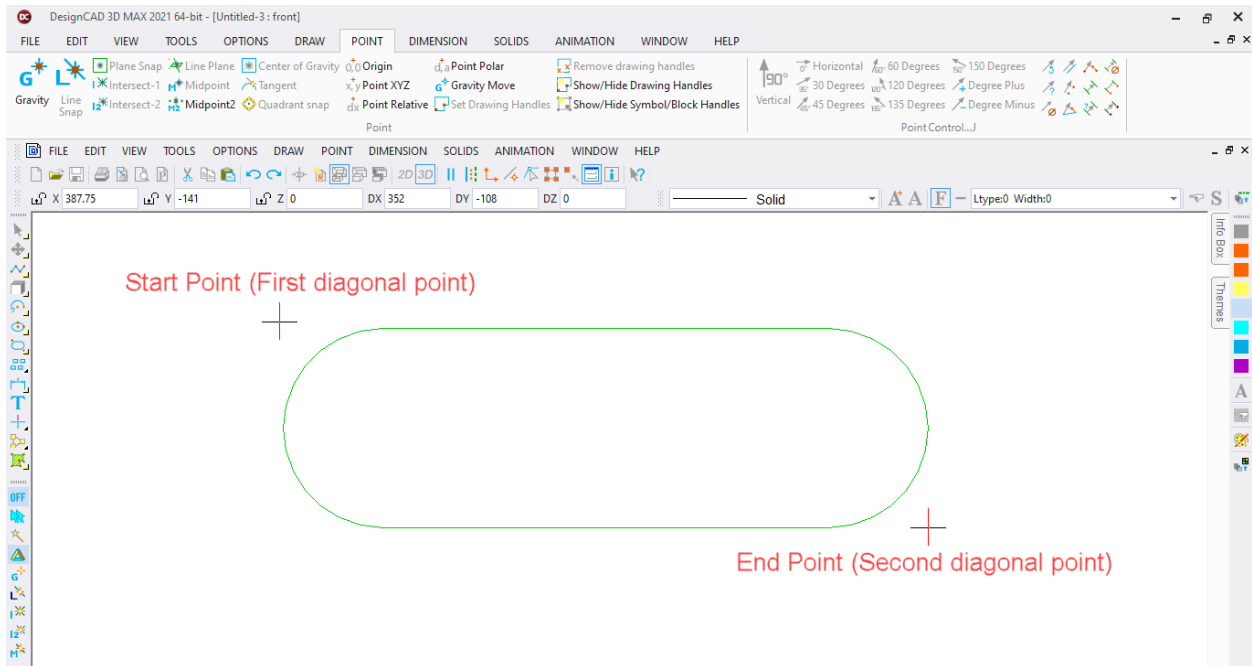


3. Diagonal Slot Polygon

Available in DesignCAD 3D Max and DesignCAD 2D Express.

A “Slot Polygon” has been added to the Planes section. Now the user can draw a slot shaped polygon by using the first point as the first diagonal point and the second point as its second diagonal point.





Performance

Rubber-banding Improved Significantly:

Available in DesignCAD 3D Max only

In the previous versions of DesignCAD the ability to draw in OpenGL shaded mode was nearly impossible for most users on normal hardware.

Setting points for an object using the mouse, resulted in a very slow redraw of the rubber band line segment by segment, making mouse cursor movement almost impossible after just a few points.

This issue has been resolved in DesignCAD 2021, and rubber-banding in OpenGL mode has significantly improved.

Redraw of Meshes Performance Improvement

Available in DesignCAD 3D Max only

Redraw of Meshes has been significantly improved in DesignCAD 2021.

Data Sharing

Import/Export Adobe Illustrator

Available in DesignCAD 3D Max and DesignCAD 2D Express.

An Adobe Illustrator Export Filter has been added to DesignCAD 2021. Previous versions of DesignCAD had Adobe Illustrator as an import filter only.

Faster Import of STL Files

Available in DesignCAD 3D Max only

Import of STL files has significantly improved up to 10x.