TORUS Command — GstarCAD 2027

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TORUS Command

Commands > T Command > TORUS

Function Description:

This command is used to create a torus of a 3D solid.
Users can create a torus by specifying the center, radius or diameter of the torus and the radius or diameter of the tube. This tube is rotating around the torus. The 3D solid smoothness of color or hidden visual style can be controlled by the FACETRES system variable.

Command Access:

Menu: Draw > Modeling > Torus
Ribbon: 3D > Modeling > Torus
Toolbar: Modeling > Torus
Command: TORUS
Alias: TOR

Command Prompts:

Specify center point or [3P/2P/Ttr]:
Specify
raidus or[Diameter]:

Center point

Specifies the center point of the torus, the central axis of the torus is parallel to the Z axis of the current UCS. The torus is parallel to the XY plane of the current workplane and divided equally by it.

3P

Creates the torus circle by specifying 3 points. These 3 points can also define the circular plane.

2P

Specifies the circular plane of the torus by specifying 2 points. The Z value of
the first point can define the circular plane.

Ttr

Defines the torus by a specified radius and this torus is tangent to two objects. The specified tangency points
are projected to the current UCS.

Radius

Specifies torus radius (distance from the torus center to the tube center). The negative radius creates a solid as an American football.

- **Radius:**
  Specifies the tube radius.
- **2point:**
  Specifies the tube radius by 2 points.
- **Diameter:**
  Specifies the tube diameter.

Diameter

Specifies the torus diameter.

Related References

- Commands about Creating 3D Solids
- Commands about Working with 3D Models

Related Tasks

- To Create Boxes
- To Create Cones
- To Create Cylinders
- To Create Spheres
- To Create Pyramids
- To Create a Torus

Other versions with matching text

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