

3DMESH Command — GstarCAD 2027

3048 kbadmin September 25, 2026 [Command Reference](#) 0 10

3DMESH Command

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Commands > 3D Command > 3DMESH

Function Description:

This command is used to create polygonal mesh in any styles.

The density of the mesh controls number of mosaic surfaces. The mesh is defined by M×N vertices of rectangles, this is similar to row and column of grid. It is a traditional way to create mesh by the 3DMESH command and designed for program operation rather than manual operation.

Command Access:

Menu: Draw > Modeling > Meshes > 3D Mesh

Ribbon: 3D > Mesh > 3D Mesh

Toolbar: /

Command: 3DMESH

Alias: /

Command Prompts:

Enter size of mesh in M direction:

Enter size of mesh in N direction:

Specify location for vertex (0, 0):

Size of mesh in M direction

Specifies the size of mesh in M direction, it is a value between 2 and 256.

Size of mesh in N direction

Specifies the size of mesh in N direction, it is a value between 2 and 256. The value of $M \times N$ must be equal to the specified vertex number.

Location for vertex (0, 0)

Specifies coordinates for each vertex. Users can enter two dimension or three dimension coordinates. The location for each vertex is determined by the M and N (M is the subscript of row and N is the subscript of column). Defines vertex coordinate beginning with (0, 0) and firstly specifies the vertex coordinate with M, and then specifies M+1.

The distance of vertex can be any value and directions of M and N are determined by their coordinate locations.

Meshes created by the 3DMESH command are open in M and N direction, users can use PEDIT command to close them.

Related References?

- [Commands about Creating a Mesh](#)

Related Tasks?

- [To Create a Rectangular Mesh](#)

Other versions with matching text

[2023](#) · [2024](#) · [2025](#) · [2026](#)

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