

SECTION Command — GstarCAD 2027

4053 kbadmin September 25, 2026 [Command Reference](#) 0 9

SECTION Command

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Function Description:

This command is used to create regions by the intersection of a plane and solids, surfaces or meshes. This command can create a 2D region object for 3D objects (contains 3D solids, surfaces and meshes), but it can not move the section plane (it is applied on section plane objects created by the SECTIONPLANE command).

Command Access:

Menu: /

Ribbon: 3D > Section > Section

Toolbar: /

Command: SECTION

Alias: SEC

Command Prompts:

Select object:

Specify start point of section or [Object/Z axis/View/XY/YZ/ZX/3 points] <3 points>:

Select object

Selects one or more 3D objects. If selecting more objects, it separately creates regions for each object.

Object

Aligns the sectioning plane with a circle, ellipse, elliptical arc, 2D spline or 2D polyline segment.

Z axis

Defines the sectioning plane by two points; one point passes through the sectioning plane and another point is on the Z axis (normal).

View

Aligns the sectioning plane with the current view of viewport.

XY

Aligns the sectioning plane to the XY plane of the current UCS.

YZ

Aligns the sectioning plane to the YZ plane of the current UCS.

ZX

Aligns the sectioning plane to the ZX plane of the current UCS.

3 points

Defines the sectioning plane by 3 points.

Related References?

- [Commands about Creating and Modifying Section Objects](#)

Related Tasks?

- [To Create a Section Object by Specifying Two Points](#)
- [To Modify the Live Section Display Settings](#)
- [To Rename a Section Object](#)
- [To Turn Live Sectioning On or Off](#)
- [To Add Jogs to a Section](#)

Other versions with matching text

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

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