

## 3DALIGN command

1934 GstarCAD MY /KW July 29, 2021 [CAD Commands](#) 0 1157

The **3DALIGN** command is used to align selected object to other object in 2D and 3D space.

### Command Access:

**Ribbon** : 3D> 3D Operations > 3D Align

**Command** : 3DALIGN

### Command Prompts:

Select object:

Specify source plane and direction...

Specify base point or [Copy]:

Specify second point or [Continue] <C>:

Specify third point or [Continue] <C>:

Specify destination plane and orientation...

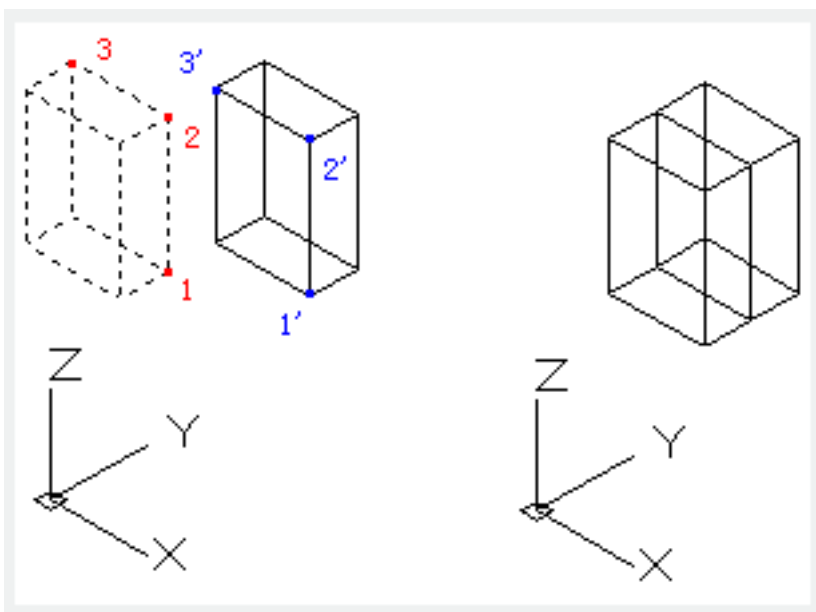
Specify first destination point:

Specify second destination point or[exit] <X>:

Specify third destination point or[exit] <X>:

### Function Description:

Users could align selected object by specifying one point, two points or three points as source points and specifying one point, two points or three points as destination points.



### Relative Glossary:

**Select object:**

It will move and rotate the selected object to make the source object in 3D aligned to the base point, X axis and Y axis of destination. The 3DALIGN command could be used in dynamic UCS (DUCS), so the selected object could be dynamically dragged and aligned to face of destination solid.

**Base point:**

The base point of source object will be moved to the base point of destination object.

**Second point:**

The second point specifies the new X axis direction for a plane; this plane is parallel to the current UCS. If pressing ENTER rather than specifying the second point, it assumes that the X axis and the Y axis are parallel to current X axis and Y axis of current UCS.

**Third point:**

The third point will completely specify the X axis and Y axis direction for source object, those two direction will be aligned to the destination plane.

**First destination point:**

The first destination point defines the destination of source object.

**Second destination point:**

The second destination point specifies the new X axis direction for a plane; this plane is parallel to the current UCS. If pressing ENTER rather than specifying the second point, it assumes that the X axis and the Y axis are parallel to current X axis and Y axis of current UCS.

**Third destination point:**

The third point will completely specify the X axis and Y axis direction for destination object

Online URL: <https://www.gstarcad.com.my/knowledge/article/3dalign-command-1934.html>