

DIMCONSTRAINT Command — GstarCAD 2027

4847 kbadmin September 25, 2026 [What's New](#) 0 4

DIMCONSTRAINT Command

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Function Description:

Parametric (Dimensional Constraints) is a powerful tool for controlling the size and position relationships of graphics objects, ensuring that the size and shape of graphics remain consistent during editing.

Including: 1) 7 kinds of dimensional constraints, respectively: linear, horizontal, vertical, aligned, angular, radius, diameter; 2) 2 clock auxiliary functions: form, convert.

This feature is only available in the Premium version.

Command Access:

Icon:

Menu Item: /

Function Area: /

Toolbar: /

Command Line: DIMCONSTRAINT

Command Alias:/

Command Prompts:

Enter a dimensional constraint option [Linear(L)/Horizontal(H)/Vertical(V)/Aligned(A)/ANgular(AN)/Radius(R)/Diameter(D)/Form(F)/Convert(V)]<Aligned>:

Each branch option of this command is equivalent to each of the following individual commands

The following commands are equivalent to each DIMCONSTRAINT option:

Linear

Constrain the horizontal or vertical distance between two points.

Horizontal

Constrains the X distance between points on an object, or between two points on different objects.

Vertical

Constrains the Y distance between points on an object, or between two points on different objects.

Aligned

Constrains the distance between two points on an object or between two points on different objects.

ANgular

Constrains the angle between line or polyline segments, the angle swept out by an arc or a polyline arc segment, or the angle between three points on objects.

Radius

Constrains the radius of a circle or an arc.

Diameter

Constrains the diameter of a circle or an arc.

Form

Specifies whether the dimensional constraint being created is dynamic or annotational.

Convert

Converts associative dimensions to dimensional constraints.

Online URL: <https://www.kb2.gstarcad.com.my/article.php?id=4847>