

CENTERCROSSGAP System Variable — GstarCAD 2027

CENTERCROSSGAP System Variable

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Function Description:

The CENTERCROSSGAP system variable is used to determine the gap between the center mark and its centerlines.

Type	String
Saved in	Drawing
Initial value	"0.05x"

The CENTERCROSSGAP system variable applies only to center marks created using the CENTERMARK command. A center mark has a default relative size of 0.1x and gap of 0.05x.

NOTE: The CENTERCROSSSIZE and CENTERCROSSGAP system variable settings are related to one another. It is recommended that both system variables use the same value type (absolute, relative, or ByLineType).

The CENTERCROSSGAP system variable setting is ignored when the radius of the circle is less than the sum of half the center mark size and the gap distance. You can avoid this problem by specifying relative values to both CENTERCROSSSIZE and CENTERCROSSGAP system variables.

System Variable Value:

Absolute value (any positive real number):

Specifies the distance between the line segment of the center mark and its centerlines in units.

Relative value (any positive real number specified as a scale factor): Specifies a value relative to the diameter of a circle or an arc. Enter a positive real number followed by x. For example, 0.1x is 1/10th of the circle's diameter.

"ByLineType":

The gap between the center mark and its centerlines is derived from linetype assigned to it.

NOTE: When the linetype of the center mark has only dash and gap, the size of the last dash and gap of the pattern is used as the center mark size and gap. If the linetype pattern of the center mark has other kinds of elements, the default setting is used.

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