

# INSUNITS system variable

1638 GstarCAD MY /KW July 16, 2021 [System Variables](#) 0 3965

## Function Description:

The **INSUNITS** system variable is used to set the drawing unit for automatic scaling when inserting or attaching a block, image or external reference to a drawing.

**Type** : Integer

**Saved in** : Drawing

**Initial value** : 1 (Imperial) or 4(Metric)

**Range** : 0 ~ 20

The **INSUNITS** setting is ignored when inserting annotative blocks into drawing.

## System Variable Value:

**0** : unspecified(no units)

**1** : inches

**2** : feet

**3** : miles

**4** : millimeters

**5** : centimeters

**6** : meters

**7** : kilometers

**8** : micro inches

**9** : mils

**10** : yards

**11** : angstroms

**12** : nanometers

**13** : microns

**14** : decimeters

**15** : dekameters

**16** : hectometers

**17** : gigameters

**18** : astronomical units

**19** : light years

**20** : parsecs

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